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INDEXED

## PROPOSED PROGRAM AND BUDGET ESTIMATES

PAN AMERICAN HEALTH ORGANIZATION, 1971  
WORLD HEALTH ORGANIZATION, REGION OF THE AMERICAS, 1972  
PAN AMERICAN HEALTH ORGANIZATION, PROVISIONAL DRAFT, 1972



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Pan American Sanitary Bureau, Regional Office of the  
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**Pan American Sanitary Bureau, Regional Office of the**  
**WORLD HEALTH ORGANIZATION**  
**525 23rd St., N. W.**  
**Washington, D. C. 20037, U.S.A.**

ABBREVIATIONS

AID	AGENCY FOR INTERNATIONAL DEVELOPMENT
AMRO	THE AMERICAS REGIONAL OFFICE (REGIONAL SYMBOL FOR INTERCOUNTRY AND INTERZONE PROJECTS)
BCG	BACILLUS CALMETTE-GUERIN
BHC	BENZENE HEXACHLORIDE
DDT	DICHLORODIPHENYLTRICHLOROETHANE
DPT	DIPHTHERIA-PERTUSSIS-TETANUS
ECLA	ECONOMIC COMMISSION FOR LATIN AMERICA
FAO	FOOD AND AGRICULTURE ORGANIZATION
IA-ECOSOC	INTER-AMERICAN ECONOMIC AND SOCIAL COUNCIL
IADB AND IDB	INTER-AMERICAN DEVELOPMENT BANK
IBRD	INTERNATIONAL BANK OF RECONSTRUCTION AND DEVELOPMENT
ILO	INTERNATIONAL LABOR ORGANIZATION
INCAP	INSTITUTE OF NUTRITION OF CENTRAL AMERICA AND PANAMA
MCH	MATERNAL AND CHILD HEALTH
NIH	NATIONAL INSTITUTES OF HEALTH
OAS	ORGANIZATION OF AMERICAN STATES
PAHO	PAN AMERICAN HEALTH ORGANIZATION
PASB	PAN AMERICAN SANITARY BUREAU
UNESCO	UNITED NATIONS EDUCATIONAL, SCIENTIFIC AND CULTURAL ORGANIZATION
UNG	UNGRADED
UNICEF	UNITED NATIONS CHILDREN'S FUND
UNSF	UNITED NATIONS SPECIAL FUND
USPHS	UNITED STATES PUBLIC HEALTH SERVICE
UWI	UNIVERSITY OF THE WEST INDIES
WHO	WORLD HEALTH ORGANIZATION
WHO/TA	WORLD HEALTH ORGANIZATION/TECHNICAL ASSISTANCE







<u>INDEX OF PROJECTS (CONTINUED)</u>	<u>PAGE</u>	<u>V</u> <u>PAGE</u>
<u>COLOMBIA (ZONE IV)</u>		
0200 MALARIA ERADICATION	241	
0500 SMALLPOX ERADICATION	241	
0400 TUBERCULOSIS CONTROL	241	
2100 ENVIRONMENTAL SANITATION	241	
2102 WATER QUALITY STUDIES	242	
2200 WATER SUPPLIES	242	
2300 <u>AEDES AEGYPTI</u> ERADICATION	242	
3100 HEALTH SERVICES	243	
3301 NATIONAL INSTITUTE OF HEALTH (CARLOS FINLAY)	243	
4101 CLINICAL AND SOCIAL PEDIATRICS	243	
4200 NUTRITION	244	
4500 RADIATION PROTECTION	244	
4601 AIR POLLUTION	244	
4900 HEALTH AND POPULATION DYNAMICS	244	
6100 SCHOOL OF PUBLIC HEALTH	245	
6200 HEALTH MANPOWER STUDIES	245	
6201 MEDICAL EDUCATION	245	
6203 CENTER FOR TEACHING PATHOLOGY	245	
6204 EXPERIMENTAL STUDIES OF HEALTH SERVICES	246	
6300 NURSING EDUCATION	246	
6400 SANITARY ENGINEERING EDUCATION	246	
6500 VETERINARY MEDICINE EDUCATION	246	
6600 DENTAL AND MEDICAL EDUCATION	247	
<u>COSTA RICA (ZONE III)</u>		
0200 MALARIA ERADICATION	177	
2100 ENVIRONMENTAL SANITATION	177	
2200 WATER SUPPLIES	177	
3100 HEALTH SERVICES	178	
3101 FELLOWSHIPS	178	
3300 LABORATORY SERVICES	179	
4200 NUTRITION	179	
4800 MEDICAL CARE SERVICES	179	
6300 ADVANCED NURSING EDUCATION	180	
6400 SANITARY ENGINEERING EDUCATION	180	
6700 BIOSTATISTICS EDUCATION	180	
<u>CUBA (ZONE II)</u>		
0200 MALARIA ERADICATION	135	
0300 SMALLPOX ERADICATION	135	
0400 TUBERCULOSIS CONTROL	135	
0600 VENEREAL DISEASES	135	
0700 ZOOSES CONTROL	135	
2100 ENVIRONMENTAL SANITATION	136	
2200 WATER SUPPLIES	136	
2300 <u>AEDES AEGYPTI</u> ERADICATION	136	
3100 HEALTH SERVICES	136	
3300 LABORATORY SERVICES	137	
4200 NUTRITION	137	
4600 INDUSTRIAL HYGIENE	137	
6100 SCHOOL OF PUBLIC HEALTH	137	
6200 MEDICAL EDUCATION	138	
6400 SANITARY ENGINEERING EDUCATION	138	
6500 VETERINARY MEDICINE EDUCATION	138	
<u>DOMINICAN REPUBLIC (ZONE II)</u>		
0200 MALARIA ERADICATION	143	
0400 TUBERCULOSIS CONTROL	143	
2200 WATER SUPPLIES	143	
3100 HEALTH SERVICES	144	
3300 LABORATORY SERVICES	144	
4200 NUTRITION	144	
6200 MEDICAL EDUCATION	145	
6300 NURSING EDUCATION	145	
6400 SANITARY ENGINEERING EDUCATION	145	
6600 DENTAL EDUCATION	146	
<u>ECUADOR (ZONE IV)</u>		
0100 COMMUNICABLE DISEASE CONTROL	253	
0200 MALARIA ERADICATION	253	
0300 SMALLPOX ERADICATION	253	
0400 TUBERCULOSIS CONTROL	254	
0500 LEPROSY CONTROL	254	
0600 TREPONEMATOSES	254	
0900 PLAGUE CONTROL	254	
2100 ENVIRONMENTAL SANITATION	255	
<u>ECUADOR (ZONE IV) (CONTINUED)</u>		
2200 WATER SUPPLIES	255	
3100 HEALTH SERVICES	255	
3101 FELLOWSHIPS	256	
3301 NATIONAL INSTITUTE OF HEALTH	256	
3700 HEALTH PLANNING	256	
4200 NUTRITION	257	
4202 GOITER PREVENTION	257	
4203 NUTRITION (PORTOVIEJO)	257	
4204 ENDEMIC GOITER AND MENTAL RETARDATION	257	
4500 HEALTH ASPECTS OF RADIATION	257	
6200 MEDICAL EDUCATION	258	
6300 NURSING EDUCATION	258	
6400 SANITARY ENGINEERING EDUCATION	258	
6500 VETERINARY MEDICINE EDUCATION	258	
6600 DENTAL EDUCATION	259	
<u>EL SALVADOR (ZONE III)</u>		
0200 MALARIA ERADICATION	185	
2200 WATER SUPPLIES	185	
3100 HEALTH SERVICES	186	
3101 FELLOWSHIPS	186	
3102 EMERGENCY REHABILITATION PROGRAM	186	
3200 NURSING SERVICES	186	
3300 LABORATORY SERVICES	187	
4600 INDUSTRIAL HYGIENE	187	
4800 MEDICAL CARE SERVICES	187	
6200 MEDICAL EDUCATION	187	
6400 SANITARY ENGINEERING EDUCATION	188	
6600 DENTAL EDUCATION	188	
<u>FRENCH ANTILLES AND GUIANA - FRANCE (ZONE I)</u>		
0200 MALARIA ERADICATION	77	
3101 FELLOWSHIPS	77	
3300 LABORATORY SERVICES	77	
<u>GUATEMALA (ZONE III)</u>		
0200 MALARIA ERADICATION	193	
2100 ENVIRONMENTAL SANITATION	193	
2200 WATER SUPPLIES	193	
3100 HEALTH SERVICES	194	
3200 NURSING SERVICES	194	
3300 LABORATORY SERVICES	194	
4800 MEDICAL CARE SERVICES	195	
6200 MEDICAL EDUCATION	195	
6400 SANITARY ENGINEERING EDUCATION	195	
6500 VETERINARY MEDICINE EDUCATION	196	
6600 DENTAL EDUCATION	196	
<u>GUYANA (ZONE I)</u>		
0200 MALARIA ERADICATION	81	
2100 ENVIRONMENTAL SANITATION	81	
2300 <u>AEDES AEGYPTI</u> ERADICATION	81	
3100 HEALTH SERVICES	82	
3200 NURSING SERVICES	82	
4200 NUTRITION	82	
<u>HAITI (ZONE II)</u>		
0200 MALARIA ERADICATION	151	
0600 YAWS ERADICATION	151	
2200 WATER SUPPLIES	151	
3100 HEALTH SERVICES	152	
3300 LABORATORY SERVICES	152	
4200 NUTRITION	153	
4204 NUTRITION AND MATERNAL AND CHILD HEALTH	153	
4205 CORN BREEDING IMPROVEMENT PROJECT	153	
6200 MEDICAL EDUCATION	153	
6300 NURSING EDUCATION	153	
6400 SANITARY ENGINEERING EDUCATION	154	

<u>INDEX OF PROJECTS (CONTINUED)</u>	<u>PAGE</u>	<u>PAGE</u>
<u>HONDURAS (ZONE III)</u>		
0200 MALARIA ERADICATION	201	
0400 TUBERCULOSIS CONTROL	201	
2200 WATER SUPPLIES	201	
2300 <u>Aedes Aegypti</u> ERADICATION	202	
3100 HEALTH SERVICES	202	
3102 FELLOWSHIPS	202	
3104 EMERGENCY REHABILITATION PROGRAM	203	
3300 LABORATORY SERVICES	203	
4200 NUTRITION	203	
4800 MEDICAL CARE SERVICES	203	
6200 MEDICAL EDUCATION	204	
6300 NURSING EDUCATION	204	
6400 SANITARY ENGINEERING EDUCATION	204	
<u>JAMAICA (ZONE I)</u>		
2100 WATER SUPPLIES AND ENVIRONMENTAL SANITATION	87	
2200 WATER SUPPLIES	87	
2300 <u>Aedes Aegypti</u> ERADICATION	87	
3100 HEALTH SERVICES	87	
4300 MENTAL HEALTH	88	
4500 RADIATION PROTECTION	88	
4800 MEDICAL CARE AND HOSPITAL ADMINISTRATION	88	
4801 CHRONIC DISEASES	89	
6100 PUBLIC HEALTH TRAINING CENTER	89	
6201 DEPARTMENT OF PREVENTIVE MEDICINE (UWI)	89	
6301 ADVANCED NURSING EDUCATION (UWI)	90	
6600 DENTAL EDUCATION	90	
<u>MEXICO (ZONE II)</u>		
0200 MALARIA ERADICATION	159	
0300 SMALLPOX ERADICATION	159	
0400 TUBERCULOSIS CONTROL	159	
0700 ZOOSES CONTROL	159	
2200 WATER SUPPLIES	160	
3100 HEALTH SERVICES	160	
3102 FELLOWSHIPS	160	
3105 CONTINUED MEDICAL EDUCATION	160	
3300 LABORATORY SERVICES	161	
3301 TRAINING CENTER IN IMMUNOLOGY	161	
3302 VACCINE PRODUCTION	161	
3303 NATIONAL HEALTH LABORATORIES	161	
6100 SCHOOL OF PUBLIC HEALTH	162	
6200 MEDICAL EDUCATION	162	
6300 NURSING EDUCATION	162	
6400 SANITARY ENGINEERING EDUCATION	162	
6500 VETERINARY MEDICINE EDUCATION	163	
<u>NETHERLANDS ANTILLES - THE NETHERLANDS (ZONE I)</u>		
2300 <u>Aedes Aegypti</u> ERADICATION	95	
3101 FELLOWSHIPS	95	
<u>NICARAGUA (ZONE III)</u>		
0200 MALARIA ERADICATION	211	
2200 WATER SUPPLIES	211	
3100 HEALTH SERVICES	212	
3101 FELLOWSHIPS	212	
3300 LABORATORY SERVICES	212	
4800 MEDICAL CARE SERVICES	212	
6200 MEDICAL EDUCATION	213	
6400 SANITARY ENGINEERING EDUCATION	213	
6600 DENTAL EDUCATION	213	
<u>PANAMA (ZONE III)</u>		
0200 MALARIA ERADICATION	219	
2100 ENVIRONMENTAL SANITATION	219	
2200 WATER SUPPLIES	220	
2300 <u>Aedes Aegypti</u> ERADICATION	220	
3100 HEALTH SERVICES	220	
3101 FELLOWSHIPS	221	
3300 LABORATORY SERVICES	221	
4100 MATERNAL AND CHILD HEALTH	221	
4200 NUTRITION	221	
<u>PANAMA (ZONE III) (CONTINUED)</u>		
4700 FOOD AND DRUG CONTROL		222
4800 MEDICAL CARE SERVICES		222
6200 MEDICAL EDUCATION		222
6300 NURSING EDUCATION		222
6400 SANITARY ENGINEERING EDUCATION		223
6600 DENTAL EDUCATION		223
<u>PARAGUAY (ZONE VI)</u>		
0100 COMMUNICABLE DISEASES		329
0200 MALARIA ERADICATION		329
0201 ECONOMIC BENEFITS OF MALARIA ERADICATION		329
0300 SMALLPOX ERADICATION		330
2100 ENVIRONMENTAL SANITATION		330
2200 WATER SUPPLIES		330
3100 HEALTH SERVICES		331
3101 FELLOWSHIPS		331
3103 HEALTH SERVICES IN DEVELOPING AREAS		331
4100 MATERNAL AND CHILD HEALTH		332
4801 CHRONIC DISEASES		332
6200 MEDICAL EDUCATION		332
6400 SANITARY ENGINEERING EDUCATION		332
6600 DENTAL EDUCATION		333
<u>PERU (ZONE IV)</u>		
0100 COMMUNICABLE DISEASES		265
0200 MALARIA ERADICATION		265
0300 SMALLPOX ERADICATION		265
0700 VETERINARY PUBLIC HEALTH		265
0900 PLAGUE CONTROL		266
2100 ENVIRONMENTAL SANITATION		266
2200 WATER SUPPLIES		266
3100 HEALTH SERVICES		267
3101 FELLOWSHIPS		267
3106 HEALTH SERVICES IN PIURA AND TUMBES		267
3300 LABORATORY SERVICES		267
3500 HEALTH STATISTICS		268
4200 NUTRITION		268
4202 DEVELOPMENT OF RECUPERATION CENTERS IN THE PERUVIAN HIGHLANDS		268
4600 INDUSTRIAL HYGIENE		268
4700 FOOD AND DRUG CONTROL		268
5000 REHABILITATION		269
6100 SCHOOL OF PUBLIC HEALTH		269
6200 MEDICAL EDUCATION		269
6300 NURSING EDUCATION		269
6400 SANITARY ENGINEERING EDUCATION		270
6500 VETERINARY MEDICINE EDUCATION		270
6600 DENTAL EDUCATION		270
<u>SURINAM - THE NETHERLANDS (ZONE I)</u>		
0200 MALARIA ERADICATION		99
2100 ENVIRONMENTAL SANITATION		99
2200 WATER SUPPLIES		99
2300 <u>Aedes Aegypti</u> ERADICATION		99
3100 HEALTH SERVICES		100
6200 MEDICAL EDUCATION		100
<u>TRINIDAD AND TOBAGO (ZONE I)</u>		
0100 EPIDEMIOLOGY		105
2100 ENVIRONMENTAL SANITATION		105
2200 WATER SUPPLIES		105
3100 HEALTH SERVICES		105
3500 HEALTH STATISTICS		106
4800 HOSPITAL ADMINISTRATION AND MEDICAL RECORDS		106
4801 HOSPITAL DESIGN AND MAINTENANCE		107
4900 HEALTH AND POPULATION DYNAMICS		107

<u>INDEX OF PROJECTS (CONTINUED)</u>	<u>PAGE</u>	<u>INTERCOUNTRY PROJECTS (AMRO) (CONTINUED)</u>	<u>VII PAGE</u>
<u>UNITED STATES OF AMERICA (WASHINGTON OFFICE)</u>		<u>INTERCOUNTRY PROJECTS (AMRO) (CONTINUED)</u>	
2300 Aedes Aegypti ERADICATION	355	0201 MALARIA ERADICATION (ZONE I)	361
3100 CONSULTANTS IN SPECIALIZED FIELDS	355	0203 MALARIA TECHNICAL ADVISORY SERVICES (ZONE III)	361
3103 FELLOWSHIPS	355	0216 RESEARCH ON THE EPIDEMIOLOGY OF MALARIA ERADICATION IN PROBLEM AREAS	362
<u>URUGUAY (ZONE VI)</u>		0217 FIELD INVESTIGATIONS OF MASS DRUG TREATMENT	362
0100 COMMUNICABLE DISEASE CONTROL	339	0218 PROMOTION OF RURAL HEALTH SERVICES AND ERADICATION CAMPAIGNS	362
0300 SMALLPOX ERADICATION	339	0219 DATA PROCESSING AND OPERATIONS RESEARCH IN MALARIA ERADICATION	363
0701 RABIES CONTROL	339	0220 FIELD RESEARCH IN MALARIA ERADICATION	363
1000 CHAGAS' DISEASE	339	0300 SMALLPOX ERADICATION	363
2100 ENVIRONMENTAL SANITATION	339	0304 SMALLPOX ERADICATION (ZONE IV)	364
2200 WATER SUPPLIES	340	0306 SMALLPOX ERADICATION (ZONE VI)	364
3100 HEALTH SERVICES	340	0307 SEMINARS ON SMALLPOX ERADICATION	364
3101 FELLOWSHIPS	340	0400 TUBERCULOSIS CONTROL	364
3102 DEVELOPMENT OF SANTA LUCIA BASIN	341	0402 TUBERCULOSIS CONTROL (ZONE II)	365
3300 LABORATORY SERVICES	341	0403 TUBERCULOSIS CONTROL (ZONE III)	365
3500 HEALTH STATISTICS	341	0404 TUBERCULOSIS CONTROL (ZONE IV)	365
3600 ADMINISTRATIVE METHODS AND PRACTICES IN PUBLIC HEALTH	341	0408 SEMINAR ON TUBERCULOSIS CONTROL	365
4101 RESEARCH IN MATERNAL AND CHILD HEALTH	342	0409 COURSES ON TUBERCULOSIS - EPIDEMIOLOGY	365
4102 LATIN AMERICAN CENTER FOR PERINATOLOGY AND HUMAN DEVELOPMENT	342	0410 COURSES ON TUBERCULOSIS - BACTERIOLOGY	366
4300 MENTAL HEALTH	342	0500 LEPROSY CONTROL	366
4600 INDUSTRIAL HYGIENE	342	0504 LEPROSY CONTROL (ZONE IV)	366
4800 MEDICAL CARE AND HOSPITAL ADMINISTRATION	343	0507 COURSES ON REHABILITATION AND PREVENTION OF DEFORMITIES (LEPROSY)	366
6100 TRAINING OF HEALTH PERSONNEL	343	0600 VENEREAL DISEASE CONTROL	366
6200 MEDICAL EDUCATION	343	0700 PAN AMERICAN ZOONOSES CENTER	367
6400 SANITARY ENGINEERING EDUCATION	344	0702 VETERINARY PUBLIC HEALTH (ZONE II)	368
6500 VETERINARY MEDICINE EDUCATION	344	0703 VETERINARY PUBLIC HEALTH (ZONE III)	368
<u>VENEZUELA (ZONE I)</u>		0704 VETERINARY PUBLIC HEALTH (ZONE IV)	368
0300 SMALLPOX ERADICATION	113	0708 RABIES CONTROL	369
2100 ENVIRONMENTAL SANITATION	113	0710 RABIES CONTROL: MEXICO-UNITED STATES BORDER	369
2200 WATER SUPPLIES	113	0713 SEMINAR ON ANIMAL TUBERCULOSIS	369
2300 Aedes Aegypti ERADICATION	113	0714 SYMPOSIUM ON THE HEALTH ASPECTS OF THE INTERNATIONAL MOVEMENT OF ANIMALS	369
2400 HOUSING AND URBANIZATION	114	0716 SEMINAR ON RABIES VACCINE PRODUCTION AND CONTROL	370
3100 CONSULTANT SERVICES IN HEALTH	114	0717 SEMINAR ON RABIES (ZONE IV)	370
3300 LABORATORY SERVICES	114	0718 SEMINAR ON EPIDEMIOLOGY OF THE ZOONOSES	370
3301 NATIONAL INSTITUTE OF HYGIENE	114	0900 PLAGUE CONTROL	370
4200 NUTRITION	115	1000 PARASITIC DISEASES	370
4300 MENTAL HEALTH	115	1007 SCHISTOSOMIASIS	371
4301 OCCUPATIONAL THERAPY AND MENTAL HEALTH	115	1008 CHAGAS' DISEASE	371
4400 DENTAL MANPOWER STUDIES	116	1010 STUDY GROUP ON CHAGAS' DISEASE	371
4401 CENTER ON DENTAL MATERIALS	116	1011 RESEARCH IN CHAGAS' DISEASE	372
4800 MEDICAL CARE SERVICES	116	2100 ENVIRONMENTAL SANITATION	372
4802 CENTER ON HOSPITAL MAINTENANCE AND ENGINEERING	117	2101 SANITARY ENGINEERING (ZONE I)	372
5000 REHABILITATION	117	2102 SANITARY ENGINEERING (ZONE II)	372
6100 SCHOOL OF PUBLIC HEALTH	117	2103 SANITARY ENGINEERING (ZONE III)	372
6200 MEDICAL EDUCATION	118	2104 SANITARY ENGINEERING (ZONE IV)	373
6300 NURSING EDUCATION	118	2105 SANITARY ENGINEERING (ZONE VI)	373
6400 SANITARY ENGINEERING EDUCATION	118	2107 ENVIRONMENTAL SANITATION (CARIBBEAN)	373
6401 SANITARY ENGINEERING RESEARCH CENTER	119	2108 SEMINAR ON SANITARY ENGINEERING (ZONE III)	373
6500 VETERINARY MEDICINE EDUCATION	119	2112 ATR POLLUTION CONFERENCE	373
6600 DENTAL EDUCATION	120	2114 PAN AMERICAN SANITARY ENGINEERING CENTER CONFERENCE ON INTEGRATION OF ENVIRONMENTAL PROGRAMS IN METROPOLITAN AREAS	374
<u>WEST INDIES - UNITED KINGDOM (ZONE I)</u>		2117 CONFERENCE ON ENVIRONMENTAL RESEARCH	375
0500 LEPROSY CONTROL	125	2200 WATER SUPPLIES	375
0701 RABIES CONTROL (GRENADA)	125	2203 WATER SUPPLIES (ZONE III)	375
2100 ENVIRONMENTAL SANITATION	125	2213 STUDIES AND INVESTIGATION OF WATER RESOURCES	376
2200 WATER SUPPLIES	125	2214 SEMINAR ON WATER POLLUTION CONTROL	376
2300 Aedes Aegypti ERADICATION	126	2215 APPLIED RESEARCH ON WATER SUPPLIES	376
3100 HEALTH SERVICES	126	2219 WATER METERS	376
3108 HEALTH SERVICES (GRENADA)	126	2220 PUBLIC SERVICES ADMINISTRATION	377
3300 LABORATORY SERVICES	127	2222 SEMINAR ON LOANS AND PROJECT DEVELOPMENT	377
3500 HEALTH STATISTICS	127	2223 SEMINAR ON PUBLIC SERVICES ADMINISTRATION	377
4200 NUTRITION	127	2224 CONFERENCE ON RECENT ADVANCES IN WATER TREATMENT	378
4300 MENTAL HEALTH	127	2300 Aedes Aegypti ERADICATION	378
4800 MEDICAL CARE AND HOSPITAL ADMINISTRATION	128	2301 Aedes Aegypti ERADICATION (CARIBBEAN)	378
4805 HOSPITAL FOOD SERVICES IN TORTOLA	128	2303 Aedes Aegypti ERADICATION (ZONE III)	379
6300 NURSING EDUCATION	128	2400 PUBLIC HEALTH ASPECTS OF HOUSING AND URBANIZATION	379
<u>INTERCOUNTRY PROJECTS (AMRO)</u>		3107 PUBLIC HEALTH ADMINISTRATION (CARIBBEAN)	379
0101 EPIDEMIOLOGY (ZONE I)	359	3108 FIELD OFFICE: UNITED STATES-MEXICO BORDER	380
0102 EPIDEMIOLOGY (ZONE II)	359	3110 COORDINATION OF INTERNATIONAL RESEARCH	380
0103 EPIDEMIOLOGY (ZONE III)	359	3122 DEVELOPMENT OF RIO PLATA BASIN	380
0104 EPIDEMIOLOGY (ZONE IV)	359	3124 APPLICATION OF DATA PROCESSING TO HEALTH ADMINISTRATION	381
0106 EPIDEMIOLOGY (ZONE VI)	360	3125 SPECIAL SEMINARS IN ZONE III	381
0111 SEMINAR ON EPIDEMIOLOGICAL SURVEILLANCE PROGRAMS	360	3126 OPERATIONS RESEARCH	381
0200 MALARIA TECHNICAL ADVISORY SERVICES	360	3129 RESEARCH TRAINING IN BIOMEDICAL SCIENCES	381
		3130 CONFERENCE ON MYCOLOGY	382
		3131 CARIBBEAN HEALTH MINISTERS' CONFERENCE	382
		3200 NURSING SERVICES	382
		3201 NURSING (ZONE I)	382
		3202 NURSING (ZONE II)	382
		3203 NURSING (ZONE III)	383
		3204 NURSING (ZONE IV)	383
		3206 NURSING (ZONE VI)	383

INDEX OF PROJECTS (CONTINUED)PAGEINTERCOUNTRY PROJECTS (AMRO) (CONTINUED)

3210	HOSPITAL NURSING SERVICES	383
3211	SEMINAR ON PLANNING FOR NURSING	384
3213	SEMINAR ON ADMINISTRATION OF NURSING SERVICES	384
3300	LABORATORY SERVICES	384
3303	LABORATORY SERVICES (ZONE III)	384
3304	LABORATORY SERVICES (ZONE IV)	384
3306	LABORATORY SERVICES (ZONE VI)	385
3310	CONFERENCE ON VJRAL AND RICKETTSIAL VACCINES	385
3311	TRAINING LABORATORY PERSONNEL	385
3314	TRINIDAD REGIONAL VIRUS LABORATORY	385
3315	IMMUNOLOGY RESEARCH AND TRAINING CENTER	386
3400	HEALTH EDUCATION	386
3401	HEALTH EDUCATION (CARIBBEAN)	386
3407	REGIONAL CENTER FOR FUNCTIONAL LITERACY IN RURAL AREAS OF LATIN AMERICA	386
3408	CONFERENCE ON POSTGRADUATE TRAINING IN HEALTH EDUCATION	386
3409	STUDY GROUP ON HEALTH EDUCATION AND PLANNING	387
3410	TRAINING OF TEACHERS IN HEALTH EDUCATION	387
3500	HEALTH STATISTICS	387
3501	HEALTH STATISTICS (ZONE I)	388
3502	HEALTH STATISTICS (ZONE II)	388
3503	HEALTH STATISTICS (ZONE III)	388
3504	HEALTH STATISTICS (ZONE IV)	389
3506	HEALTH STATISTICS (ZONE VI)	389
3513	INTER-AMERICAN INVESTIGATION OF MORTALITY IN CHILDHOOD	389
3514	STUDY ON MULTIPLE CAUSES OF DEATH	390
3515	CENTER FOR TRAINING IN USE OF COMPUTERS IN HEALTH STATISTICS	390
3516	REGIONAL SEMINAR ON DATA PROCESSING	390
3600	ADMINISTRATIVE METHODS AND PRACTICES IN PUBLIC HEALTH	390
3601	ADMINISTRATIVE METHODS AND PRACTICES IN PUBLIC HEALTH (ZONE I)	390
3602	ADMINISTRATIVE METHODS AND PRACTICES IN PUBLIC HEALTH (ZONE II)	391
3603	ADMINISTRATIVE METHODS AND PRACTICES IN PUBLIC HEALTH (ZONE III)	391
3604	ADMINISTRATIVE METHODS AND PRACTICES IN PUBLIC HEALTH (ZONE IV)	391
3606	ADMINISTRATIVE METHODS AND PRACTICES IN PUBLIC HEALTH (ZONE VI)	391
3607	MANAGEMENT OF HEALTH SERVICES	391
3700	HEALTH PLANNING	392
3701	HEALTH PLANNING AND ORGANIZATION (ZONE I)	392
3703	HEALTH PLANNING (ZONE III)	393
3704	HEALTH PLANNING (ZONE IV)	393
3706	HEALTH PLANNING (ZONE VI)	393
3707	TASK FORCE ON HEALTH	393
3715	PAN AMERICAN PROGRAM FOR HEALTH PLANNING	393
4100	MATERNAL AND CHILD HEALTH	394
4103	MATERNAL AND CHILD HEALTH (ZONE III)	394
4108	CLINICAL AND SOCIAL PEDIATRICS	394
4109	NURSING-MIDWIFERY	395
4115	NURSING-MIDWIFERY EDUCATION	395
4116	FACULTY TRAINING IN MATERNAL AND CHILD HEALTH	395
4117	STAFFING MATERNAL AND CHILD HEALTH SERVICES	395
4118	STUDY GROUP ON NURSING-MIDWIFERY SERVICES	396
4119	MATERNAL AND CHILD HEALTH FELLOWSHIPS	396
4122	DEVELOPMENT OF RHEUMATIC FEVER PROGRAMS	396
4200	NUTRITION ADVISORY SERVICES	396
4201	NUTRITION ADVISORY SERVICES (ZONE I)	397
4203	INSTITUTE OF NUTRITION OF CENTRAL AMERICA AND PANAMA	397
4204	NUTRITION ADVISORY SERVICES (ZONE IV)	398
4207	CARIBBEAN FOOD AND NUTRITION INSTITUTE	398
4211	RESEARCH IN PROTEIN-CALORIE MALNUTRITION	399
4212	RESEARCH IN NUTRITION ANEMIAS	399
4218	LATIN AMERICAN NUTRITION SOCIETY	399
4221	SEMINAR ON NUTRITION IN FOOD AND HEALTH POLICIES	399
4223	NUTRITION EDUCATION MATERIALS	399
4225	GRADUATE COURSE IN PUBLIC HEALTH NUTRITION	399
4228	CONFERENCE ON ENDEMIC GOITER CONTROL	400
4230	NUTRITION TRAINING	400
4233	NUTRITION TEACHING IN MEDICAL SCHOOLS	400
4238	NUTRITION RESEARCH	400
4300	MENTAL HEALTH	401
4311	STUDY GROUP ON ADMINISTRATION OF PSYCHIATRIC AND MENTAL HEALTH SERVICES	401

INTERCOUNTRY PROJECTS (AMRO) (CONTINUED)

4312	COURSES IN COMMUNITY PSYCHIATRY	401
4313	PSYCHIATRIC NURSING	401
4314	EPIDEMIOLOGICAL STUDY ON EPILEPSY	402
4315	STUDY GROUP ON TRAINING PSYCHIATRISTS	402
4400	DENTAL HEALTH	402
4407	DENTAL EPIDEMIOLOGY	402
4409	FLUORIDATION	402
4410	LABORATORY FOR CONTROL OF DENTAL PRODUCTS	403
4411	HUMAN AND MATERIAL RESOURCES IN DENTISTRY	403
4412	SEMINAR ON IMPLEMENTATION OF DENTAL HEALTH PROGRAMS	403
4500	HEALTH ASPECTS OF RADIATION	404
4507	RADIATION HEALTH PROTECTION	404
4509	RADIATION SURVEILLANCE	404
4511	STUDY GROUP ON RADIATION PROTECTION	404
4514	NUCLEAR MEDICINE	405
4610	MANGANESE POISONING	405
4700	FOOD AND DRUG CONTROL	405
4703	FOOD REFERENCE LABORATORY (ZONE III)	405
4708	FOOD HYGIENE TRAINING CENTER	406
4709	DRUG CONTROL CENTER	406
4710	FOOD AND DRUG ADMINISTRATION (ZONE III)	406
4711	FOOD AND DRUG CONTROL SEMINAR	407
4800	MEDICAL CARE SERVICES	407
4801	MEDICAL CARE SERVICES (ZONE I)	407
4802	MEDICAL CARE SERVICES (ZONE II)	407
4803	MEDICAL CARE SERVICES (ZONE III)	408
4804	MEDICAL CARE SERVICES (ZONE IV)	408
4810	CHRONIC DISEASES	408
4813	HOSPITAL PLANNING AND ADMINISTRATION	408
4815	TRAINING FOR MEDICAL CARE AND HOSPITAL ADMINISTRATION	409
4816	PROGRESSIVE PATIENT CARE	409
4819	SEMINAR ON CANCER REGISTRATION	409
4900	HEALTH AND POPULATION DYNAMICS	410
4901	HEALTH AND POPULATION DYNAMICS (ZONE I)	410
5000	REHABILITATION	411
5007	TEACHING OF PHYSIOTHERAPY	411
5008	SEMINAR ON REHABILITATION	411
6000	MEDICAL EDUCATION: TEXTBOOKS AND TEACHING MATERIALS	411
6100	SCHOOLS OF PUBLIC HEALTH	412
6101	HUMAN RESOURCES PROGRAM IN THE CARIBBEAN	412
6107	SEMINARS ON SCHOOLS OF PUBLIC HEALTH	413
6200	MEDICAL EDUCATION	413
6202	MEDICAL EDUCATION (ZONE II)	413
6204	MEDICAL EDUCATION (ZONE IV)	413
6208	TEACHING OF STATISTICS IN MEDICAL SCHOOLS	413
6210	TEACHING METHODS AND ADMINISTRATIVE ORGANIZATION OF MEDICAL SCHOOLS	414
6214	FACULTY TRAINING FOR MEDICAL SCHOOLS	414
6216	PREVENTIVE MEDICINE EDUCATION	414
6220	CONFERENCE ON HEALTH MANPOWER AND MEDICAL EDUCATION	414
6221	LIBRARY OF MEDICINE	415
6222	SEMINAR ON TEACHING PREVENTIVE AND SOCIAL MEDICINE	415
6223	TEACHING BEHAVIORAL SCIENCES	415
6224	FACULTY AND RESEARCH TRAINING CENTERS	416
6225	SURVEY OF FELLOWSHIP PROGRAMS	416
6226	COMMUNITY CENTERED RESEARCH IN MEDICAL EDUCATION	416
6300	NURSING EDUCATION	416
6301	NURSING EDUCATION (ZONE I)	416
6310	PROGRAMED INSTRUCTION FOR NURSING AUXILIARIES	417
6312	SEMINARS ON NURSING EDUCATION (ZONE I)	417
6317	SEMINAR ON NURSING EDUCATION	417
6319	TRAINING OF NURSING AUXILIARIES	417
6400	SANITARY ENGINEERING EDUCATION	418
6412	MANAGEMENT AND ADMINISTRATION OF SCHOOLS OF ENGINEERING	418
6500	VETERINARY MEDICINE EDUCATION	418
6507	SEMINAR ON VETERINARY MEDICINE EDUCATION	418
6600	DENTAL EDUCATION	419
6608	TRAINING OF AUXILIARY DENTAL PERSONNEL	419
6609	LATIN AMERICAN ASSOCIATION OF DENTAL SCHOOLS	419
6700	BIOSTATISTICS EDUCATION	419
6707	LATIN AMERICAN CENTER FOR CLASSIFICATION OF DISEASES	420
6708	TRAINING PROGRAM IN HOSPITAL STATISTICS	420
6709	RESEARCH TRAINING PROGRAMS IN HEALTH AND POPULATION DYNAMICS	420

LETTER OF TRANSMITTAL

The Director of the Pan American Sanitary Bureau, Regional Office of the World Health Organization has the honor to present the following proposed program and budget estimates for consideration:

1. The proposed program and budget estimates of the Pan American Health Organization for the financial year 1971.
2. The proposed program and budget estimates of the World Health Organization for the Region of the Americas for the financial year 1972.
3. The provisional draft of the proposed program and budget estimates of the Pan American Health Organization for the financial year 1972.



Abraham Horwitz  
Director

## INTRODUCTION

THIS PROGRAM AND BUDGET HAS BEEN DEVELOPED IN CONSULTATION WITH NATIONAL HEALTH AUTHORITIES PRIMARILY TO PROVIDE TECHNICAL INFORMATION, ADVICE, AND SERVICES TO MEMBER GOVERNMENTS, WITHIN APPROVED POLICIES AND LONG-RANGE PROGRAMS OF THE ORGANIZATION. SPECIAL ATTENTION HAS BEEN GIVEN TO THE FUNDAMENTAL IMPORTANCE OF HEALTH TO SOCIAL AND ECONOMIC DEVELOPMENT AND TO THE FORMULATION OF HEALTH PLANS AS AN INTEGRAL PART OF THE NATIONAL PLANS FOR DEVELOPMENT. AS IN THE PAST, FLEXIBILITY IS MAINTAINED TO MEET CHANGING REQUIREMENTS OF GOVERNMENTS ARISING FROM REDEFINITION OF PROGRAM OBJECTIVES AS NATIONAL PLANS ARE DEVELOPED.

ALTHOUGH NOT REFLECTED IN THIS DOCUMENT, A SIGNIFICANT AMOUNT OF THE TIME AND ENERGY OF THE ORGANIZATION IS DEVOTED TO COOPERATION WITH OTHER INTERNATIONAL AGENCIES, GOVERNMENTS, AND FOUNDATIONS IN PLANNING HEALTH PROGRAMS TO BE FINANCED BY THEM, ESPECIALLY LOANS FOR WATER SUPPLY SYSTEMS AND HOUSING, GRANTS FOR RESEARCH, EDUCATION, AND TRAINING, AND SPECIAL PROGRAMS IN NUTRITION, IN CONTROL AND ERADICATION OF SPECIFIC DISEASES, AND IN COMMUNITY DEVELOPMENT. BASIC TO FUTURE PLANNING IS THE RECOGNITION OF THE RURAL CHARACTER OF THE ECONOMY OF LATIN AMERICA WHERE FIFTY PER CENT OF THE POPULATION IS ENGAGED IN AGRICULTURE. THE ORGANIZATION IS COOPERATING WITH MULTILATERAL AND BILATERAL LENDING AGENCIES WITH A VIEW TO STIMULATING FINANCIAL SUPPORT TO GOVERNMENTS FOR GREATLY EXPANDED PROGRAMS OF RURAL WATER SUPPLY.

THE PROGRAM IS PRESENTED COVERING THE LATEST ACTUAL YEAR 1969, THE PRESENT YEAR 1970, AND PROJECTIONS FOR 1971 AND 1972. THESE ARE PLANNED AS A BALANCED WHOLE, REGARDLESS OF SOURCE OF FUNDS. INFORMATION FOR 1970 INCLUDES THE LATEST DATA AVAILABLE AT THE TIME OF PREPARATION OF THE DOCUMENT. THE 1971 PROGRAM, PRESENTED AS ADVANCE DRAFT IN THE PREVIOUS BUDGET DOCUMENT (OFFICIAL DOCUMENT NO. 92), HAS BEEN REVISED TO REFLECT CURRENT PRIORITIES AND LATEST KNOWN DESIRES AND REQUIREMENTS OF GOVERNMENTS. THE 1972 PROGRAM REPRESENTS THE ADVANCE PLANS FOR THAT YEAR.

IN ACCORDANCE WITH RESOLUTION VII OF THE XVIIII MEETING OF THE DIRECTING COUNCIL CONCERNING THE TAX EQUALIZATION FUND, PROVISION IS MADE FOR THE SUM OF \$1,712,834 IN 1971. THIS AMOUNT REPRESENTS THE DIFFERENCE BETWEEN THE ESTIMATED 1971 GROSS AND NET SALARY COSTS. WHILE THE AMOUNT OF \$1,712,834 IS INCLUDED IN THE PROPOSED APPROPRIATION RESOLUTION, IT IS NOT INCLUDED IN THE BODY OF THE BUDGET PRESENTATION, SINCE IT DOES NOT AFFECT THE TOTAL PROGRAM PROPOSED. THE PAHO REGULAR PROGRAM IN THIS DOCUMENT IS BASED ONLY UPON THE EFFECTIVE WORKING BUDGET OF \$15,237,331, WHICH INCLUDES \$205,000 IN MISCELLANEOUS INCOME.

SOURCES OF FUNDS ARE IDENTIFIED THROUGHOUT THE DOCUMENT. THEY INCLUDE:

1. THE REGULAR BUDGET OF THE PAN AMERICAN HEALTH ORGANIZATION, INCLUDING THE SPECIAL FUND FOR HEALTH PROMOTION AND THE PAN AMERICAN FOOT-AND-MOUTH DISEASE CENTER.
2. OTHER FUNDS EXPECTED TO BE AVAILABLE TO PAHO FOR SPECIFIED PURPOSES. THEY INCLUDE A) THE PAHO SPECIAL MALARIA FUND SUPPORTED BY VOLUNTARY CONTRIBUTIONS OF GOVERNMENTS; B) THE COMMUNITY WATER SUPPLY FUND SUPPORTED BY VOLUNTARY CONTRIBUTIONS OF GOVERNMENTS; C) SPECIAL GRANTS MADE TO PAHO FOR SPECIFIC ACTIVITIES; AND D) THE INSTITUTE OF NUTRITION OF CENTRAL AMERICA AND PANAMA, SUPPORTED BY REGULAR QUOTA PAYMENTS BY ITS MEMBER COUNTRIES AND BY GRANTS FROM VARIOUS SOURCES.
3. THE PORTION OF THE REGULAR BUDGET OF THE WORLD HEALTH ORGANIZATION ALLOCATED TO THE REGION OF THE AMERICAS. THE AMOUNTS FOR 1970 AND 1971 REPRESENT FUNDS ALREADY APPROPRIATED BY THE WORLD HEALTH ASSEMBLY.
4. TECHNICAL ASSISTANCE FUNDS OF THE UNITED NATIONS ADMINISTERED BY WHO FOR PROJECTS IN THE REGION OF THE AMERICAS. THE AMOUNTS FOR 1971 AND 1972 REPRESENT THE PROGRAM LEVELS AS ANTICIPATED FOR THIS BIENNIUM, INCLUDING CONTINGENCY ALLOCATIONS APPROVED AND ANTICIPATED.
5. PROJECTS TO BE FINANCED BY THE UNITED NATIONS SPECIAL FUND AND BY THE WHO MALARIA ERADICATION SPECIAL ACCOUNT ARE IDENTIFIED.

THE PAHO REGULAR PROGRAM AND BUDGET FOR 1971 WAS PRESENTED AS A PROVISIONAL DRAFT TO THE XIX DIRECTING COUNCIL. THEREAFTER, IT WAS AGAIN REVIEWED AND REVISED IN CONSULTATION WITH EACH GOVERNMENT. CONSEQUENTLY, THE PROGRAM PRESENTED REFLECTS THE LATEST KNOWN DESIRES OF THE GOVERNMENTS. PROJECTS DESIRED BY GOVERNMENTS WHICH COULD NOT BE FITTED WITHIN THE BUDGET ARE SHOWN IN ANNEX 4.

IN ADDITION TO REVIEW AND FINAL ACTION ON THE PROPOSED PAHO REGULAR PROGRAM AND BUDGET FOR 1971, THE CONFERENCE SHOULD 1) REVIEW ALL FUNDS IN THE TOTAL PROPOSED PROGRAM FOR 1971 AND MAKE OBSERVATIONS AND COMMENTS ON ITS OVERALL CONTENT AND BALANCE AND 2) EXAMINE AND COMMENT ON THE PROVISIONAL DRAFT OF THE PAHO REGULAR PROGRAM AND BUDGET FOR 1972, TO GUIDE THE DIRECTOR IN THE PREPARATION OF HIS PROPOSED PROGRAM AND BUDGET TO BE RESUBMITTED IN 1971 FOR FINAL ACTION. AS REGIONAL COMMITTEE OF WHO FOR THE AMERICAS, THE CONFERENCE SHOULD ALSO EXAMINE AND MAKE RECOMMENDATIONS TO THE DIRECTOR-GENERAL ON THE PROPOSED WHO REGIONAL PROGRAM AND BUDGET FOR 1972.

## PROPOSED APPROPRIATION RESOLUTION FOR THE PAN AMERICAN HEALTH ORGANIZATION

THE CONFERENCE,

## RESOLVES:

## 1. TO APPROPRIATE FOR THE FINANCIAL YEAR 1971 AN AMOUNT OF \$16,950,165 AS FOLLOWS:

PART I	ORGANIZATIONAL MEETINGS	\$ 363,598
PART II	HEADQUARTERS	3,642,169
PART III	FIELD AND OTHER PROGRAMS	9,326,530
PART IV	SPECIAL FUND FOR HEALTH PROMOTION	250,000
PART V	INCREASE TO ASSETS	250,000
SUBTOTAL - PARTS I - V		<u>\$13,832,297</u>
PART VI	PAN AMERICAN FOOT-AND-MOUTH DISEASE CENTER	1,405,034
EFFECTIVE WORKING BUDGET (PARTS I - VI)		<u>\$15,237,331</u>
		=====
PART VII	STAFF ASSESSMENT (TRANSFER TO TAX EQUALIZATION FUND)	1,712,834
TOTAL - ALL PARTS		<u>\$16,950,165</u>
		=====

## 2. THAT THE APPROPRIATION SHALL BE FINANCED FROM:

## A. ASSESSMENTS IN RESPECT TO:

MEMBER GOVERNMENTS AND PARTICIPATING GOVERNMENTS ASSESSED UNDER THE SCALE ADOPTED BY THE COUNCIL OF THE ORGANIZATION OF AMERICAN STATES IN ACCORDANCE WITH ARTICLE 50 OF THE PAN AMERICAN SANITARY CODE OR IN ACCORDANCE WITH THE DIRECTING COUNCIL RESOLUTIONS

\$16,745,165

## B. MISCELLANEOUS INCOME

205,000

TOTAL

\$16,950,165

=====

IN ESTABLISHING THE CONTRIBUTIONS OF MEMBER GOVERNMENTS AND PARTICIPATING GOVERNMENTS, THEIR ASSESSMENTS SHALL BE REDUCED FURTHER BY THE AMOUNT STANDING TO THEIR CREDIT IN THE TAX EQUALIZATION FUND, EXCEPT THAT CREDITS OF THOSE GOVERNMENTS WHO LEVY TAXES ON THE EMOLUMENTS RECEIVED FROM THE PAN AMERICAN HEALTH ORGANIZATION BY THEIR NATIONALS AND RESIDENTS SHALL BE REDUCED BY THE AMOUNTS OF SUCH TAX REIMBURSEMENTS BY THE ORGANIZATION.

3. THAT, IN ACCORDANCE WITH THE FINANCIAL REGULATIONS OF THE ORGANIZATION, AMOUNTS NOT EXCEEDING THE APPROPRIATIONS NOTED UNDER PARAGRAPH 1 SHALL BE AVAILABLE FOR THE PAYMENT OF OBLIGATIONS INCURRED DURING THE PERIOD 1 JANUARY TO 31 DECEMBER 1971 INCLUSIVE. NOTWITHSTANDING THE PROVISION OF THIS PARAGRAPH, OBLIGATIONS DURING THE FINANCIAL YEAR 1971 SHALL BE LIMITED TO THE EFFECTIVE WORKING BUDGET, I.E., PARTS 1-VI.

4. THAT THE DIRECTOR SHALL BE AUTHORIZED TO TRANSFER CREDITS BETWEEN PARTS OF THE EFFECTIVE WORKING BUDGET, PROVIDED THAT SUCH TRANSFERS OF CREDITS BETWEEN PARTS AS ARE MADE DO NOT EXCEED TEN PER CENT OF THE PART FROM WHICH THE CREDIT IS TRANSFERRED. TRANSFERS OF CREDITS BETWEEN PARTS OF THE BUDGET IN EXCESS OF TEN PER CENT OF THE PART FROM WHICH THE CREDIT IS TRANSFERRED MAY BE MADE WITH THE CONCURRENCE OF THE EXECUTIVE COMMITTEE. ALL TRANSFERS OF BUDGET CREDITS SHALL BE REPORTED TO THE DIRECTING COUNCIL AND/OR THE CONFERENCE.



ASSESSMENTS OF THE MEMBER GOVERNMENTS AND PARTICIPATING GOVERNMENTS OF THE  
PAN AMERICAN HEALTH ORGANIZATION

WHEREAS, MEMBER GOVERNMENTS APPEARING IN THE SCALE ADOPTED BY THE COUNCIL OF THE ORGANIZATION OF AMERICAN STATES ARE ASSESSED ACCORDING TO THE PERCENTAGES SHOWN IN THAT SCALE, IN COMPLIANCE WITH ARTICLE 60 OF THE PAN AMERICAN SANITARY CODE; AND,

WHEREAS, OTHER MEMBER GOVERNMENTS AND PARTICIPATING GOVERNMENTS ARE ASSESSED IN ACCORDANCE WITH RESOLUTIONS XXVII AND XXVIII OF THE XVII DIRECTING COUNCIL; NOW, THEREFORE,

THE CONFERENCE,

RESOLVES:

TO ESTABLISH THE ASSESSMENTS OF THE MEMBER GOVERNMENTS AND PARTICIPATING GOVERNMENTS OF THE PAN AMERICAN HEALTH ORGANIZATION FOR 1971 IN ACCORDANCE WITH THE SCALE OF QUOTAS SHOWN BELOW AND IN THE CORRESPONDING AMOUNTS.

(1) COUNTRY	(2) OAS SCALE %	(3) GROSS ASSESSMENT US\$	(4) CREDIT FROM TAX EQUALIZATION FUND US\$	(5) ADJUSTMENT FOR TAXES IMPOSED BY MEMBER GOVERNMENTS ON EMOLUMENTS OF PAHO STAFF US\$		(6) NET ASSESSMENT US\$
ARGENTINA	7.05	1,171,314	119,811	-	-	1,051,503
BARBADOS	0.08	13,273	1,358	-	-	11,915
BOLIVIA	0.31	51,432	5,261	-	-	46,171
BRAZIL	6.76	1,121,542	114,720	-	-	1,006,822
CHILE	1.74	288,681	29,529	-	-	259,152
COLOMBIA	1.52	252,181	25,795	250	-	226,636
COSTA RICA	0.31	51,432	5,261	-	-	46,171
CUBA	1.44	238,909	24,438	-	-	214,471
DOMINICAN REPUBLIC	0.31	51,432	5,261	-	-	46,171
ECUADOR	0.31	51,432	5,261	-	-	46,171
EL SALVADOR	0.31	51,432	5,261	-	-	46,171
GUATEMALA	0.38	63,045	6,449	-	-	56,596
HAITI	0.31	51,432	5,261	-	-	46,171
HONDURAS	0.31	51,432	5,261	-	-	46,171
JAMAICA	0.38	63,045	6,449	-	-	56,596
MEXICO	6.60	1,094,997	112,005	-	-	982,992
NICARAGUA	0.31	51,432	5,261	-	-	46,171
PANAMA	0.31	51,432	5,261	-	-	46,171
PARAGUAY	0.31	51,432	5,261	-	-	46,171
PERU	0.75	124,432	12,727	-	-	111,705
TRINIDAD AND TOBAGO	0.31	51,432	5,261	-	-	46,171
UNITED STATES OF AMERICA	66.00	10,949,974	1,120,054	606,593	-	10,436,513
URUGUAY	0.68	112,818	11,540	-	-	101,278
VENEZUELA	3.20	530,907	54,305	6,731	-	483,333
SUBTOTAL	100.00	16,590,870	1,697,051	613,574	-	15,507,393
	=====	=====	=====	=====		=====
		EQUIVALENT PERCENTAGES				
<u>OTHER MEMBER GOVERNMENTS</u>						
GUYANA	0.24	39,818	4,073	-	-	35,745
<u>PARTICIPATING GOVERNMENTS</u>						
FRANCE	0.22	36,500	3,734	-	-	32,766
KINGDOM OF THE NETHERLANDS	0.19	31,523	3,224	-	-	28,299
UNITED KINGDOM	0.28	46,454	4,752	-	-	41,702
SUBTOTAL		154,295	15,783	-	-	138,512
TOTAL ASSESSMENTS - ALL COUNTRIES		16,745,165	1,712,834	613,574	-	15,645,905
		=====	=====	=====		=====

(2) THIS COLUMN INCLUDES THE OAS PERCENTAGES ADDING TO 100 PER CENT AND THE EQUIVALENT PERCENTAGES APPLICABLE TO OTHER MEMBER GOVERNMENTS AND PARTICIPATING GOVERNMENTS. THE OAS SCALE MINIMUM ASSESSMENT IS 0.31 PER CENT OR PER CAPITA CONTRIBUTION EQUAL TO THAT OF THE LARGEST CONTRIBUTOR, WHICHEVER IS SMALLER.

(5) THIS COLUMN INCLUDES ESTIMATED AMOUNTS TO BE RECEIVED BY THE RESPECTIVE MEMBER GOVERNMENTS IN 1971 IN RESPECT OF TAXES LEVIED BY THEM ON STAFF MEMBERS' EMOLUMENTS RECEIVED FROM THE PAHO, ADJUSTED FOR ANY DIFFERENCE BETWEEN ESTIMATE AND ACTUAL FOR THE SECOND PRECEDING YEAR. THE ADJUSTMENTS IN RESPECT TO 1969 ARE INCREASES OF \$20 FOR COLOMBIA, \$123,199 FOR THE UNITED STATES OF AMERICA, AND \$331 FOR VENEZUELA.

## PROGRAM ANALYSIS

IN THE RECENT PAST, A CONTINUUM OF HIGHLY SIGNIFICANT EVENTS IN PUBLIC POLICY TOWARD HEALTH IN THE AMERICAS HAS BEEN OCCURRING. THE ACT OF BOGOTA RECOGNIZED THE FUNDAMENTAL IMPORTANCE OF HEALTH TO ECONOMIC AND SOCIAL PROGRESS; THE CHARTER OF PUNTA DEL ESTE DESCRIBED IT IN MORE DETAIL AND MADE RECOMMENDATIONS ON BROAD GOALS FOR HEALTH PROGRAMS; AND IN THE SPRING OF 1963 THE TASK FORCE ON HEALTH, ESTABLISHED BY THE CHARTER, ANALYZED THE PROBLEMS, RESOURCES, PRIORITIES, AND ACTION PROGRAMS NECESSARY TO MEET THESE GOALS, AND, IN ADDITION, RECOMMENDED THE DEVELOPMENT OF A SPECIAL PROGRAM FOR RURAL WELFARE, WHICH WAS STRONGLY ENDORSED BY THE XIV DIRECTING COUNCIL. IN 1967, THE CHIEFS OF STATES REEMPHASIZED THE ROLE OF HEALTH IN SOCIAL AND ECONOMIC DEVELOPMENT AND CALLED UPON THE PAN AMERICAN HEALTH ORGANIZATION TO COOPERATE WITH GOVERNMENTS IN THE PREPARATION OF SPECIFIC PROGRAMS. ACCORDINGLY, A SPECIAL MEETING OF MINISTERS OF HEALTH OF THE AMERICAS WAS CONVENED IN OCTOBER, 1968 IN BUENOS AIRES IMMEDIATELY PRIOR TO THE XVIII MEETING OF THE DIRECTING COUNCIL.

WITHIN THE CONTEXT OF THESE RECENT EVENTS AND DELINEATION OF PROBLEMS AND PROGRAMS BY TECHNICIANS, AND BEARING IN MIND THE LONG-RANGE PROGRAM PREVIOUSLY ESTABLISHED, THE PROGRAM AND BUDGET FOR THE ORGANIZATION HAS BEEN DEVELOPED. IT IS ONE DESIGNED TO MEET THE NEEDS AND REQUIREMENTS OF MEMBER GOVERNMENTS AS THESE GOVERNMENTS NOW RECOGNIZE THEM, SINCE THE BASIC OBJECTIVE OF THE PAN AMERICAN HEALTH ORGANIZATION IS COOPERATION WITH MEMBER GOVERNMENTS IN ATTAINING OBJECTIVES WHICH THEY HAVE ESTABLISHED. FOR THIS REASON, THE PROGRAM AND BUDGET SHOULD BE CONSIDERED IN CONTINUOUS STATE OF DEVELOPMENT, FOR, AS GOVERNMENTS DEVELOP THEIR PLANS FOR HEALTH SERVICES AND ESTABLISH STANDARDS AND OBJECTIVES, THERE WILL BE A CORRESPONDING REFLECTION IN THE PROGRAM AND BUDGET OF THE PAN AMERICAN HEALTH ORGANIZATION.

TABLE 1 REPRESENTS THE SOURCES OF FUNDS WHICH COMPRISE THE BUDGET. ONLY THE FUNDS ADMINISTERED BY PAHO/WHO ARE INCLUDED. THE PROGRAM IS CLOSELY PLANNED WITH THOSE OF OTHER INTERNATIONAL ORGANIZATIONS, GOVERNMENTAL AGENCIES ACTIVE IN TECHNICAL ASSISTANCE AND RESEARCH, AND PRIVATE FOUNDATIONS INTERESTED IN HEALTH. MOST OF THE FUNDS OF THESE ORGANIZATIONS ARE ADMINISTERED BY THEM AND NOT REFLECTED IN THIS DOCUMENT.

IT WILL BE NOTED THAT THE TOTAL BUDGET OF THE ORGANIZATION IS EXPECTED TO DECREASE BY 0.5 PER CENT IN 1971 BUT TO INCREASE BY 2.4 PER CENT IN 1972. THE TOTAL FIGURES IN DOLLARS WOULD BE \$30,115,457 FOR 1970, \$29,972,571 FOR 1971, AND \$30,703,739 FOR 1972.

FOR PAHO REGULAR FUNDS, THE INCREASE OF 10.0 PER CENT IN 1971 AND 1972 IS INTENDED TO MEET INCREASED COSTS WHICH AVERAGE ABOUT 5.5 PER CENT, TO ABSORB THE MALARIA PROGRAM AT ABOUT 1.3 PER CENT, AND TO PERMIT ABOUT 3.2 PER CENT EXPANSION ANNUALLY IN PROGRAM.

THE PERCENTAGE CHANGE VARIES CONSIDERABLY AMONG PAHO OTHER FUNDS. THE DECREASE IN THE COMMUNITY WATER SUPPLY FUND REFLECTS ONLY THOSE VOLUNTARY CONTRIBUTIONS MADE BY GOVERNMENTS IN RELATION TO SPECIFIC PROGRAM SERVICES REQUESTED BY THEM SINCE VOLUNTARY CONTRIBUTIONS ARE NOT RECEIVED ON A REGULAR BASIS.

PROJECTS FINANCED FROM GRANTS ARE RARELY PLANNED TWO YEARS IN ADVANCE AND OFTEN HAVE NOT REACHED A STAGE ONE YEAR AHEAD TO WARRANT THEIR INCLUSION IN THE BUDGET. THEREFORE, THESE GRANTS IN THE BUDGET DOCUMENT SHOW A SHARP DECREASE WITH COMPLETION OF CURRENT PROJECTS, BUT THEY MAY, IN FACT, BECOME AVAILABLE IN LARGER AMOUNTS AS PLANS DEVELOP AND NEW UNDERTAKINGS APPEAR. THE SPECIAL MALARIA FUND PROJECTIONS TAKE INTO ACCOUNT THE GRADUAL ASSUMPTION OF THIS PROGRAM INTO THE REGULAR BUDGET. HOWEVER, THERE ARE NO PLEDGES FROM GOVERNMENTS TO MEET THIS REQUIREMENT.

THE WHO REGULAR BUDGET SHOWS A PROJECTED INCREASE OF 9.5 PER CENT IN 1971 AND 8.9 PER CENT IN 1972. IN TECHNICAL ASSISTANCE, THE BUDGETED AMOUNTS REFLECT ESTIMATES OF EXPECTED REQUESTS FOR 1971 - 1972. THE UNITED NATIONS SPECIAL FUND INVOLVES SEVERAL PROJECTS WHOSE BUDGETS DROP SHARPLY AFTER PURCHASE OF SUPPLIES AND EQUIPMENT AND PROVISION OF FELLOWSHIPS IN THE FIRST TWO YEARS OF OPERATION.

SEVEN MAJOR PROGRAM CLASSIFICATIONS HAVE BEEN ESTABLISHED WITH FURTHER SUBDIVISIONS INTO SUBGROUPS AND SPECIFIC PROGRAMS IN ORDER TO FACILITATE PROGRAM ANALYSIS. THE FIRST FOUR OF THE MAJOR PROGRAM CLASSIFICATIONS, PROTECTION OF HEALTH, PROMOTION OF HEALTH, DEVELOPMENT OF EDUCATIONAL INSTITUTIONS, AND PROGRAM SERVICES, PROVIDE DIRECT ASSISTANCE TO PROGRAMS. THEY REPRESENT 87.9 PER CENT OF THE TOTAL IN 1970; 86.8 PER CENT IN 1971 AND 86.2 PER CENT IN 1972. THE REMAINING THREE MAJOR PROGRAM CLASSIFICATIONS, ADMINISTRATIVE DIRECTION, GOVERNING BODIES, AND INCREASE TO ASSETS, COULD WITH FORCE OF LOGIC AND FACT BE ATTRIBUTED TO EACH PROGRAM. HOWEVER, THEY HAVE BEEN HELD ASIDE SINCE THEY ARE GENERALLY A MATTER OF SEPARATE ANALYSIS AND REVIEW.

IN THIS CLASSIFICATION, THE ATTEMPT HAS BEEN TO CLASSIFY PROPOSED INVESTMENTS ACCORDING TO THEIR MAJOR PURPOSES, DIVIDING SOME ITEMS AMONG SEVERAL HEADINGS WHERE CLEARLY INDICATED, AS FOR EXAMPLE THE COSTS OF ENGINEERING SERVICES IN GENERAL SANITATION PROGRAMS VERSUS WATER SUPPLY PROGRAMS, BUT OTHERWISE CLASSIFYING THEM ACCORDING TO THE MAJOR PURPOSE THEY ARE EXPECTED TO SERVE. ADDITIONALLY, THE DISTRIBUTION OF COSTS HAS BEEN MADE WITHOUT REGARD TO THE ORGANIZATIONAL STRUCTURE OF THE BUREAU, WITH THE EXCEPTION OF COSTS COMMON TO ALL PROGRAMS, SUCH AS THOSE RELATED TO THE GOVERNING BODIES WHICH HAVE BEEN HELD TOGETHER FOR EASIER EXAMINATION. IT IS NECESSARY TO BEAR THIS LIMITATION IN MIND IN THE EXAMINATION OF THE PROPOSED PROGRAM AND BUDGET, AS WELL AS THE FACT THAT THE CATEGORIES ARE COMPLEMENTARY RATHER THAN MUTUALLY EXCLUSIVE. A FULL APPRECIATION OF ANY CATEGORY REQUIRES AN EXAMINATION OF ALL RELATED PORTIONS OF THE BUDGET.

A FURTHER LIMITATION MUST BE EXPLAINED IN RELATION TO TABLE 4, WHERE POSTS ARE SHOWN ACCORDING TO PROGRAM CLASSIFICATION. EACH POST IS SHOWN UNDER THE SUBJECT WHICH REFLECTS THE BASIC ASSIGNMENT OF THE STAFF MEMBER. AS A CONSEQUENCE, THE DISTRIBUTION OF POSTS IN SOME CASES DOES NOT CORRESPOND TO THE DISTRIBUTION OF FUNDS. THE GREATEST VARIATION OCCURS IN THE PROGRAMS FOR ENVIRONMENTAL SANITATION AND NURSING, WHERE MANY POSTS ARE SHOWN UNDER THE GENERAL CATEGORY, WHEREAS 50 PER CENT OR MORE OF THE FUNDS FOR THEM ARE SHOWN UNDER OTHER HEADINGS.

TABLE 3 PRESENTS A CLASSIFICATION ACCORDING TO THE TYPES OF ACTIVITIES THE ORGANIZATION EXPECTS TO CARRY OUT. "ADVISORY SERVICES" REFERS TO ALL ACTIVITIES DEVOTED TO COOPERATION WITH GOVERNMENTS IN PLANNING AND EXECUTING HEALTH PROGRAMS, INCLUDING DEMONSTRATION SUPPLIES AND EQUIPMENT. THIS APPLIES NOT ONLY TO DIRECT HEALTH PROGRAMS BUT ALSO TO EDUCATIONAL INSTITUTIONS. FOR EXAMPLE, THE FUNDS FOR CONSULTANTS ADVISING EDUCATIONAL INSTITUTIONS, TOGETHER WITH TEACHING SUPPLIES AND EQUIPMENT, ARE SHOWN UNDER "ADVISORY SERVICES" SINCE THIS IS THE ACTIVITY BEING CARRIED OUT. THUS, THE PLANNED USE OF THE FUNDS IS FOR 64.5 PER CENT, 62.7 PER CENT, AND 61.8 PER CENT, RESPECTIVELY, IN THE THREE YEARS 1970-1972, TO BE AVAILABLE FOR TECHNICAL ASSISTANCE IN THE PLANNING AND EXECUTION OF PROGRAMS, INCLUDING THE EXPERTISE PROVIDED AS WELL AS THE SUPPLIES AND EQUIPMENT MADE AVAILABLE TO ASSIST NATIONAL PROGRAMS.

DEVELOPMENT OF HUMAN RESOURCES ESSENTIALLY COMPRISES FELLOWSHIPS AND SEMINAR-TYPE ACTIVITIES. ALTHOUGH CONSULTANTS PROVIDING ADVISORY SERVICES OFTEN DEVOTE A SUBSTANTIAL PORTION OF THEIR EFFORT TO IN-SERVICE TRAINING, THIS TIME IS NOT SHOWN SEPARATELY; RATHER THE ENTIRE TIME IS SHOWN UNDER ADVISORY SERVICES. IT WILL BE REALIZED, THEREFORE, THAT THE TOTAL TRAINING EFFORT IS GREATER THAN REFLECTED IN THESE TABLES. FOLLOWING THIS DEFINITION, THE DEVELOPMENT OF HUMAN RESOURCES THROUGH FELLOWSHIPS AND PARTICIPATION IN SEMINARS AND OTHER TECHNICAL MEETINGS WILL REQUIRE 12.6 PER CENT OF THE BUDGET IN 1970, 13.5 PER CENT IN 1971, AND 13.7 PER CENT IN 1972.

THE THIRD HEADING ON THE HORIZONTAL AXIS IS RESEARCH, WHICH INCLUDES THE RESEARCH ACTIVITIES CARRIED OUT BY PAHO. THESE ACTIVITIES WILL ACCOUNT FOR 8.4 PER CENT IN 1970 AND 7.8 PER CENT IN 1971, AND 7.9 PER CENT IN 1972. THE REMAINING HEADING IS INDIRECT PROGRAM COSTS, WHICH INCLUDES THOSE COSTS NOT DIRECTLY ATTRIBUTABLE TO SPECIFIC ACTIVITIES IN THE FIRST THREE CLASSIFICATIONS. THESE INDIRECT PROGRAM COSTS ARE 14.5 PER CENT IN 1970, 16.0 PER CENT IN 1971, AND 16.6 PER CENT IN 1972.

TURNING NOW TO THE MEANS REQUIRED TO PERFORM THESE ACTIVITIES, AS SHOWN ON TABLE 4, IT WILL BE NOTED THAT THE NUMBER OF FULL-TIME POSITIONS VARIES FROM 1,381 IN 1970, 1,594 IN 1971, AND BACK TO 1,389 IN 1972. IT IS INTERESTING TO NOTE THE INCREASE IN MONTHS OF SERVICE EXPECTED FROM SHORT-TERM CONSULTANTS FROM 1,131 IN 1970 TO 1,225 IN 1972, REFLECTING PRIMARILY REQUIREMENTS FOR CONSULTATIVE SERVICES IN SPECIALIZED FIELDS. ADDITIONALLY, THE DEVELOPMENT OF PROFESSIONAL PERSONNEL IS EXPECTED TO INCREASE MARKEDLY FROM 936 FELLOWSHIPS IN 1970 TO 1,158 IN 1972.

FOLLOWING THE TABLES, THERE IS PRESENTED FOR EACH SUBJECT A NARRATIVE EXPLAINING THE PROGRAM IN THE AMERICAS. THIS INCLUDES A SUMMARY OF THE PROBLEM AND ITS MAGNITUDE, THE POLICY AND METHOD OR APPROACH FOLLOWED BY THE ORGANIZATION, AND THE ACTIVITIES BEING CARRIED OUT AND PLANNED FOR FUTURE YEARS. FOLLOWING EACH NARRATIVE APPEARS A SUMMARY OF THE COST AND THE NUMBER OF POSTS, CONSULTANTS, AND FELLOWSHIPS.

DETAILS OF HEADQUARTERS, ZONE OFFICES, AND PROJECTS ARE DESCRIBED IN THE NARRATIVE EXPLANATIONS AND THE DETAILED SCHEDULES.

TABLE 1  
ALL FUNDS

FUND	1969		1970		INCREASE OR DECREASE 1970 OVER 1969	1971		INCREASE OR DECREASE 1971 OVER 1970	1972		INCREASE OR DECREASE 1972 OVER 1971
	ACTUAL	% OF TOTAL	APPROPRIATION OR ALLOCATION	% OF TOTAL		PROPOSED	% OF TOTAL		PROPOSED	% OF TOTAL	
PAN AMERICAN HEALTH ORGANIZATION	16,649,408	67.1	20,061,898	66.6	20.4	19,040,854	63.5	(5.0)	19,919,643	64.9	4.6
REGULAR <sup>A/,B/,C/</sup>	12,144,534	49.0	13,852,119 <sup>E/</sup>	46.0	14.1	15,237,331	50.8	10.0	16,761,064	54.6	10.0
SPECIAL MALARIA	1,142,862	4.6	1,111,991	3.7	(2.7)	829,858	2.8	(25.4)	619,242	2.0	(25.4)
COMMUNITY WATER SUPPLY	56,742	0.2	238,863	0.8	321.0	199,922	0.7	(16.3)	119,698	0.4	(40.1)
GRANTS AND OTHER CONTRIBUTIONS TO PAHO:											
INCAP AND RELATED GRANTS	1,275,480	5.1	1,009,892	3.3	(20.8)	979,673	3.2	(3.0)	949,291	3.1	(3.1)
OTHER GRANTS AND CONTRIBUTIONS	2,029,790	8.2	3,849,033	12.8	89.6	1,794,060	6.0	(53.4)	1,470,348	4.8	(18.0)
WORLD HEALTH ORGANIZATION	8,150,152	32.9	10,053,559	33.4	23.4	10,931,717	36.5	8.6	10,784,096	35.1	(1.4)
REGULAR <sup>D/</sup>	6,230,345	25.2	6,643,600	22.1	6.6	7,271,500	24.3	9.5	7,922,000	25.8	8.9
MALARIA ERADICATION SPECIAL ACCOUNT	177,519	0.7	-	-	(100.0)	-	-	-	-	-	-
UNITED NATIONS DEVELOPMENT PROGRAM:											
TECHNICAL ASSISTANCE	926,333	3.7	1,661,347	5.5	79.3	2,101,925	7.0	26.5	2,011,825	6.6	(4.3)
SPECIAL FUND	673,097	2.7	1,631,977	5.4	142.5	1,454,938	4.9	(10.8)	752,445	2.5	(48.3)
GRANTS AND OTHER	142,858	0.6	116,635	0.4	(18.4)	103,354	0.3	(11.4)	97,826	0.2	(5.3)
TOTAL	24,799,560	100.0	30,115,457	100.0	21.4	29,972,571	100.0	(0.5)	30,703,739	100.0	2.4

A/ INCLUDES PAYMENT TO SPECIAL FUND FOR HEALTH PROMOTION OF \$250,000 EACH YEAR.

B/ ALLOCATIONS FOR FOOT-AND-MOUTH DISEASE INCLUDED IN PAHO REGULAR ARE:

1969	1970	1971	1972
\$1,069,035	\$1,320,716	\$1,405,034	\$1,545,537

C/ EFFECTIVE WORKING BUDGET ONLY; DOES NOT INCLUDE \$1,623,459 FOR 1970, AND \$1,712,834 FOR 1971 FOR THE TAX EQUALIZATION FUND, NOT YET ESTIMATED FOR 1972.

D/ ALLOCATIONS RESTRICTED TO SMALLPOX ACTIVITIES INCLUDED IN WHO REGULAR ARE:

1969	1970	1971	1972
\$669,142	\$652,000	\$682,000	\$682,000

E/ THIS FIGURE REPRESENTS AN INCREASE OF TEN PER CENT OVER THE APPROPRIATION OF \$12,592,836 FOR 1969.

TABLE 2  
PROGRAM BUDGET - TOTAL

1 9 6 9		1 9 7 0			1 9 7 1		1 9 7 2	
AMOUNT	PERCENT	AMOUNT	PERCENT		AMOUNT	PERCENT	AMOUNT	PERCENT
\$		\$			\$		\$	
8,193,874	33.1	9,600,634	31.9	I. PROTECTION OF HEALTH	9,615,757	32.4	9,853,800	32.2
6,172,754	24.9	6,648,848	22.0	A. COMMUNICABLE DISEASES	6,643,699	22.4	6,764,049	22.1
203,940	.8	321,737	1.1	0100 GENERAL	337,751	1.1	397,607	1.3
2,606,778	10.5	2,591,624	8.6	0200 MALARIA	2,502,688	8.4	2,446,415	8.0
591,464	2.8	652,000	2.2	0300 SMALL POX	682,000	2.3	882,000	2.2
163,684	.7	245,379	.8	0400 TUBERCULOSIS	308,039	1.0	292,398	1.0
39,993	.2	69,050	.2	0500 LEPROSY	75,884	.3	109,186	.4
6,126	*	39,525	.1	0600 VENEREAL DISEASES	44,178	.2	52,605	.2
1,236,032	5.0	1,274,584	4.2	0700 ZOONOSES	1,181,563	4.0	1,107,311	3.6
1,076,215	4.3	1,320,716	4.4	0800 FOOT-AND-MOUTH DISEASE	1,405,034	4.7	1,545,537	5.0
70,809	.3	63,931	.2	0900 OTHER	32,324	.1	41,415	.1
77,713	.3	70,302	.2	1000 PARASITIC DISEASES	74,238	.3	90,575	.3
2,021,120	8.2	2,951,786	9.9	B. ENVIRONMENTAL HEALTH	2,972,058	10.0	3,089,751	10.1
621,001	2.5	830,194	2.8	2100 GENERAL	971,763	3.3	1,038,756	3.4
990,107	4.0	1,605,299	5.3	2200 WATER SUPPLIES	1,417,918	4.7	1,413,559	4.6
394,080	1.6	467,847	1.6	2300 AEDS AEGYPTI ERADICATION	523,155	1.8	580,938	1.9
25,932	.1	48,446	.2	2400 HOUSING	59,222	.2	56,598	.2
9,934,698	40.2	12,655,160	42.0	II. PROMOTION OF HEALTH	12,025,431	39.9	12,034,386	39.2
5,131,024	20.8	5,852,188	19.5	A. GENERAL SERVICES	6,165,907	20.5	6,148,070	19.9
2,786,869	11.2	2,541,627	8.4	3100 GENERAL PUBLIC HEALTH	2,587,678	8.6	2,795,427	9.1
270,333	1.1	437,311	1.5	3200 NURSING	510,004	1.7	505,106	1.6
334,990	1.4	648,960	2.2	3300 LABORATORY	890,973	3.0	670,278	2.2
173,481	.7	171,531	.6	3400 HEALTH EDUCATION	160,466	.5	160,600	.5
861,365	3.5	893,761	3.0	3500 STATISTICS	748,480	2.5	697,401	2.3
270,757	1.1	312,260	1.0	3600 ADMINISTRATIVE METHODS	520,514	1.7	595,494	1.9
433,229	1.8	846,738	2.8	3700 HEALTH PLANNING	738,392	2.5	717,756	2.3
4,803,674	19.4	6,802,972	22.5	B. SPECIFIC PROGRAMS	5,859,924	19.4	5,886,316	19.3
294,910	1.2	570,102	1.9	4100 MATERNAL AND CHILD HEALTH	670,920	2.2	708,896	2.3
2,288,842	9.2	2,212,969	7.3	4200 NUTRITION	2,245,402	7.5	2,366,236	7.7
190,969	.8	230,240	.8	4300 MENTAL HEALTH	305,326	1.0	303,741	1.0
132,405	.5	149,216	.5	4400 DENTAL HEALTH	132,251	.4	153,008	.5
122,126	.5	116,583	.4	4500 RADIATION AND ISOTOPES	119,265	.4	142,076	.5
173,159	.7	179,221	.6	4600 OCCUPATIONAL HEALTH	95,754	.3	89,078	.3
73,484	.3	131,604	.4	4700 FOOD AND DRUG	132,133	.4	153,222	.5
854,380	3.4	1,349,401	4.5	4800 MEDICAL CARE	1,412,150	4.7	1,365,109	4.5
560,905	2.3	1,666,604	5.5	4900 HEALTH AND POPULATION DYNAMICS	592,133	2.0	478,959	1.6
112,494	.5	197,032	.6	5000 REHABILITATION	154,590	.5	122,041	.4
2,111,466	8.4	2,868,299	9.5	III. DEVELOPMENT OF EDUCATIONAL INSTITUTIONS	2,898,922	9.7	3,027,200	9.9
107,083	.4	199,577	.7	6100 PUBLIC HEALTH	256,971	.9	208,222	.7
1,010,333	4.1	1,386,715	4.6	6200 MEDICINE	1,269,139	4.2	1,417,364	4.6
283,413	1.1	359,863	1.2	6300 NURSING	430,185	1.4	462,728	1.5
482,770	1.9	522,302	1.7	6400 ENVIRONMENTAL SCIENCES	529,947	1.8	479,827	1.6
52,700	.2	92,000	.3	6500 VETERINARY MEDICINE	78,000	.3	112,700	.4
68,496	.3	122,957	.4	6600 DENTISTRY	129,426	.4	136,165	.4
106,671	.4	184,885	.6	6700 BIOSTATISTICS	205,254	.7	215,194	.7
1,172,934	4.7	1,345,004	4.5	IV. PROGRAM SERVICES	1,438,915	4.8	1,512,184	4.9
1,172,934	4.7	1,345,004	4.5	7100 PROGRAM SERVICES	1,438,915	4.8	1,512,184	4.9
2,967,120	11.9	3,035,136	10.1	V. ADMINISTRATIVE DIRECTION	3,250,146	10.8	3,428,307	11.1
227,503	.9	237,448	.8	8100 EXECUTIVE AND TECHNICAL DIRECTION	249,160	.8	257,546	.8
1,439,426	5.8	1,469,298	4.9	8200 ADMINISTRATIVE SERVICES	1,618,201	5.4	1,735,541	5.6
1,300,191	5.2	1,328,390	4.4	8300 GENERAL EXPENSES	1,382,785	4.6	1,433,220	4.7
399,107	1.6	461,224	1.5	VI. GOVERNING BODIES	493,400	1.6	497,862	1.6
20,361	.1	150,000	.5	VII. INCREASE TO ASSETS	250,000	.8	350,000	1.1
24,799,560	100.0	30,115,457	100.0	GRAND TOTAL	29,972,571	100.0	30,703,719	100.0

\* LESS THAN .05 PERCENT

**TABLE 3**  
PROGRAM BUDGET - DETAIL

PROGRAM BUDGET - DETAIL 1969		1969				
		TOTAL	ADVISORY SERVICES	DEVELOPMENT OF HUMAN RESOURCES	RESEARCH	INDIRECT PROGRAM COSTS
		\$	\$	\$	\$	\$
I.	PROTECTION OF HEALTH	8,193,874	6,961,768	504,312	727,794	-
A.	COMMUNICABLE DISEASES	6,172,754	5,011,081	445,451	716,222	-
	0100 GENERAL	203,940	197,308	4,132	2,500	-
	0200 MALARIA	2,606,778	2,353,852	16,531	236,395	-
	0300 SMALLPOX	691,464	683,496	7,968	-	-
	0400 TUBERCULOSIS	163,684	112,543	51,141	-	-
	0500 LEPROSY	39,993	39,993	-	-	-
	0600 VENEREAL DISEASES	6,126	6,126	-	-	-
	0700 ZOOZOSES	1,236,032	951,632	155,320	129,080	-
	0800 FOOT-AND-MOUTH DISEASE	1,076,215	558,195	200,260	317,760	-
	0900 OTHER	70,809	49,017	-	21,792	-
	1000 PARASITIC DISEASES	77,713	58,919	10,099	8,695	-
B.	ENVIRONMENTAL HEALTH	2,021,120	1,950,687	58,861	11,572	-
	2100 GENERAL	621,001	599,157	21,844	-	-
	2200 WATER SUPPLIES	980,107	931,518	37,017	11,572	-
	2300 AEDS AEGYPTI ERADICATION	394,080	394,080	-	-	-
	2400 HOUSING	25,932	25,932	-	-	-
II.	PROMOTION OF HEALTH	9,934,698	5,992,006	2,484,209	1,458,483	-
A.	GENERAL SERVICES	5,131,024	3,295,658	1,307,585	527,781	-
	3100 GENERAL PUBLIC HEALTH	2,786,869	1,629,209	1,005,164	152,496	-
	3200 NURSING	270,333	253,481	16,852	-	-
	3300 LABORATORY	334,990	318,998	12,030	3,962	-
	3400 HEALTH EDUCATION	173,481	112,187	61,294	-	-
	3500 STATISTICS	861,365	485,291	23,460	352,614	-
	3600 ADMINISTRATIVE METHODS	270,757	216,504	54,253	-	-
	3700 HEALTH PLANNING	433,229	279,988	134,532	18,709	-
B.	SPECIFIC PROGRAMS	4,803,674	2,696,348	1,176,624	930,702	-
	4100 MATERNAL AND CHILD HEALTH	294,910	216,953	33,033	44,924	-
	4200 NUTRITION	2,288,842	671,768	845,694	771,380	-
	4300 MENTAL HEALTH	190,969	98,971	40,539	51,459	-
	4400 DENTAL HEALTH	132,405	116,173	16,232	-	-
	4500 RADIATION AND ISOTOPIES	122,126	106,718	15,408	-	-
	4600 OCCUPATIONAL HEALTH	173,159	74,594	35,626	62,939	-
	4700 FOOD AND DRUG	73,484	73,484	-	-	-
	4800 MEDICAL CARE	854,380	766,807	87,573	-	-
	4900 HEALTH AND POPULATION DYNAMICS	560,905	468,841	92,064	-	-
	5000 REHABILITATION	112,494	102,039	10,455	-	-
III.	DEVELOPMENT OF EDUCATIONAL INSTITUTIONS	2,111,466	1,858,453	250,013	3,000	-
	6100 PUBLIC HEALTH	107,083	77,679	29,404	-	-
	6200 MEDICINE	1,010,333	887,702	119,631	3,000	-
	6300 NURSING	283,413	230,089	53,324	-	-
	6400 ENVIRONMENTAL SCIENCES	482,770	466,319	16,451	-	-
	6500 VETERINARY MEDICINE	52,700	29,261	23,439	-	-
	6600 DENTISTRY	68,496	60,732	7,764	-	-
	6700 BIOSTATISTICS	106,671	106,671	-	-	-
IV.	PROGRAM SERVICES	1,172,934	542,760	-	-	630,174
	7100 PROGRAM SERVICES	1,172,934	542,760	-	-	630,174
V.	ADMINISTRATIVE DIRECTION	2,967,120	-	-	-	2,967,120
	8100 EXECUTIVE AND TECHNICAL DIRECTION	227,503	-	-	-	227,503
	8200 ADMINISTRATIVE SERVICES	1,439,426	-	-	-	1,439,426
	8300 GENERAL EXPENSES	1,300,191	-	-	-	1,300,191
VI.	GOVERNING BODIES	399,107	-	-	-	399,107
VII.	INCREASE TO ASSETS	20,361	-	-	-	20,361
	GRAND TOTAL	24,799,560	15,354,987	3,238,534	2,189,277	4,016,762
	PER CENT OF TOTAL	100.0	61.9	13.1	8.8	16.2

TABLE 3 . . . CONTINUED

## PROGRAM BUDGET - DETAIL

PROGRAM BUDGET - DETAIL 1970		1970				
		TOTAL	ADVISORY SERVICES	DEVELOPMENT OF HUMAN RESOURCES	RESEARCH	INDIRECT PROGRAM COSTS
		\$	\$	\$	\$	\$
I.	PROTECTION OF HEALTH	9,600,634	7,772,050	862,503	966,081	-
A.	COMMUNICABLE DISEASES	6,648,848	5,053,864	628,903	966,081	-
	0100 GENERAL	321,737	309,337	12,400	-	-
	0200 MALARIA	2,591,624	2,153,953	26,400	411,271	-
	0300 SMALLPOX	652,000	609,900	42,100	-	-
	0400 TUBERCULOSIS	245,379	170,279	75,100	-	-
	0500 LEPROSY	69,050	66,250	2,800	-	-
	0600 VENEREAL DISEASES	39,525	33,925	5,600	-	-
	0700 ZOOZOSES	1,274,584	925,060	207,702	141,822	-
	0800 FOOT-AND-MOUTH DISEASE	1,320,716	677,972	256,801	385,943	-
	0900 OTHER	63,931	42,386	-	21,545	-
	1000 PARASITIC DISEASES	70,302	64,802	-	5,500	-
B.	ENVIRONMENTAL HEALTH	2,951,786	2,718,186	233,600	-	-
	2100 GENERAL	830,194	735,594	94,600	-	-
	2200 WATER SUPPLIES	1,605,299	1,469,099	136,200	-	-
	2300 AEDES AEGYPTI ERADICATION	467,847	465,047	2,800	-	-
	2400 HOUSING	48,446	48,446	-	-	-
II.	PROMOTION OF HEALTH	12,655,160	8,673,210	2,418,268	1,563,682	-
A.	GENERAL SERVICES	5,852,188	4,146,575	1,143,657	561,956	-
	3100 GENERAL PUBLIC HEALTH	2,541,677	1,885,838	505,300	150,489	-
	3200 NURSING	437,311	360,951	76,360	-	-
	3300 LABORATORY	648,960	483,270	162,090	3,600	-
	3400 HEALTH EDUCATION	171,531	159,531	12,000	-	-
	3500 STATISTICS	893,761	551,544	59,950	282,267	-
	3600 ADMINISTRATIVE METHODS	312,260	286,090	26,170	-	-
	3700 HEALTH PLANNING	846,738	419,351	301,787	125,600	-
B.	SPECIFIC PROGRAMS	6,802,972	4,526,635	1,274,611	1,001,726	-
	4100 MATERNAL AND CHILD HEALTH	570,102	327,963	116,774	125,365	-
	4200 NUTRITION	2,212,969	741,091	736,786	735,092	-
	4300 MENTAL HEALTH	230,240	163,379	17,000	49,861	-
	4400 DENTAL HEALTH	149,216	129,316	19,900	-	-
	4500 RADIATION AND ISOTOPES	116,563	104,583	12,000	-	-
	4600 OCCUPATIONAL HEALTH	179,221	99,613	8,200	71,408	-
	4700 FOOD AND DRUG	131,604	99,461	32,143	-	-
	4800 MEDICAL CARE	1,349,401	1,183,693	165,708	-	-
	4900 HEALTH AND POPULATION DYNAMICS	1,666,604	1,526,604	170,000	20,000	-
	5000 REHABILITATION	197,032	150,932	46,100	-	-
III.	DEVELOPMENT OF EDUCATIONAL INSTITUTIONS	2,868,299	2,365,583	495,716	7,000	-
	6100 PUBLIC HEALTH	199,577	153,777	45,800	-	-
	6200 MEDICINE	1,386,715	1,188,306	196,409	2,000	-
	6300 NURSING	359,863	296,663	63,200	-	-
	6400 ENVIRONMENTAL SCIENCES	522,302	433,395	88,907	5,000	-
	6500 VETERINARY MEDICINE	92,000	57,800	39,200	-	-
	6600 DENTISTRY	122,957	82,957	40,000	-	-
	6700 BIOSTATISTICS	184,885	157,685	27,200	-	-
IV.	PROGRAM SERVICES	1,345,004	603,689	-	-	741,315
	7100 PROGRAM SERVICES	1,345,004	603,689	-	-	741,315
V.	ADMINISTRATIVE DIRECTION	3,035,136	-	-	-	3,035,136
	8100 EXECUTIVE AND TECHNICAL DIRECTION	237,448	-	-	-	237,448
	8200 ADMINISTRATIVE SERVICES	1,469,298	-	-	-	1,469,298
	8300 GENERAL EXPENSES	1,328,390	-	-	-	1,328,390
VI.	GOVERNING BODIES	461,224	-	-	-	461,224
VII.	INCREASE TO ASSETS	150,000	-	-	-	150,000
	GRAND TOTAL	30,115,457	19,414,532	3,776,487	2,536,763	4,387,675
	PER CENT OF TOTAL	100.0	64.5	12.6	8.4	14.5

TABLE 3 . . . CONTINUED  
PROGRAM BUDGET - DETAIL

PROGRAM BUDGET - DETAIL - 1971		1971				
		TOTAL	ADVISORY SERVICES	DEVELOPMENT OF HUMAN RESOURCES	RESEARCH	INDIRECT PROGRAM COSTS
		\$	\$	\$	\$	\$
I.	PROTECTION OF HEALTH	9,615,757	7,703,471	939,961	972,325	-
A.	COMMUNICABLE DISEASES	6,643,699	5,039,571	646,300	957,828	-
	0100 GENERAL	337,751	327,951	9,800	-	-
	0200 MALARIA	2,502,889	2,104,889	23,800	373,999	-
	0300 SMALLPOX	682,000	639,900	42,100	-	-
	0400 TUBERCULOSIS	308,039	188,334	119,705	-	-
	0500 LEPROSY	75,884	75,884	-	-	-
	0600 VENEREAL DISEASES	44,178	33,178	11,000	-	-
	0700 ZOOSES	1,181,563	852,412	159,893	169,348	-
	0800 FOOT-AND-MOUTH DISEASE	1,405,034	716,861	280,092	408,081	-
	0900 OTHER	32,324	26,924	-	5,400	-
	1000 PARASITIC DISEASES	74,238	73,238	-	1,000	-
B.	ENVIRONMENTAL HEALTH	2,972,058	2,663,900	293,661	14,497	-
	2100 GENERAL	971,763	817,605	144,661	9,497	-
	2200 WATER SUPPLIES	1,417,918	1,272,118	140,800	5,000	-
	2300 AGEES AEGYPTI ERADICATION	523,155	520,355	2,800	-	-
	2400 HOUSING	59,222	53,822	5,400	-	-
II.	PROMOTION OF HEALTH	12,025,431	8,190,908	2,471,946	1,362,577	-
A.	GENERAL SERVICES	6,165,507	4,622,644	1,154,670	388,193	-
	3100 GENERAL PUBLIC HEALTH	2,587,678	1,813,600	613,100	160,978	-
	3200 NURSING	510,004	392,012	115,220	2,772	-
	3300 LABORATORY	899,973	794,973	101,400	3,600	-
	3400 HEALTH EDUCATION	160,466	159,066	1,400	-	-
	3500 STATISTICS	748,480	601,037	31,200	116,243	-
	3600 ADMINISTRATIVE METHODS	520,514	448,114	72,400	-	-
	3700 HEALTH PLANNING	738,392	413,842	219,950	104,600	-
B.	SPECIFIC PROGRAMS	5,859,924	3,568,264	1,317,276	974,384	-
	4100 MATERNAL AND CHILD HEALTH	670,920	356,179	170,517	144,224	-
	4200 NUTRITION	2,245,402	809,550	704,973	730,879	-
	4300 MENTAL HEALTH	305,326	192,765	37,900	74,661	-
	4400 DENTAL HEALTH	132,251	111,951	20,300	-	-
	4500 RADIATION AND ISOTOPES	119,265	107,065	12,200	-	-
	4600 OCCUPATIONAL HEALTH	95,754	86,154	9,600	-	-
	4700 FOOD AND DRUG	132,133	129,333	2,800	-	-
	4800 MEDICAL CARE	1,412,150	1,191,944	215,586	4,620	-
	4900 HEALTH AND POPULATION DYNAMICS	592,133	449,333	122,800	20,000	-
	5000 REHABILITATION	154,590	133,990	20,600	-	-
III.	DEVELOPMENT OF EDUCATIONAL INSTITUTIONS	2,898,922	2,257,309	626,613	15,000	-
	6100 PUBLIC HEALTH	256,971	199,147	57,824	-	-
	6200 MEDICINE	1,269,139	973,658	293,481	2,000	-
	6300 NURSING	430,185	308,335	121,850	-	-
	6400 ENVIRONMENTAL SCIENCES	529,947	458,089	58,858	13,000	-
	6500 VETERINARY MEDICINE	78,000	45,400	32,600	-	-
	6600 DENTISTRY	129,426	88,026	41,400	-	-
	6700 BIostatISTICS	205,254	184,654	20,600	-	-
IV.	PROGRAM SERVICES	1,438,915	651,231	-	-	787,684
	7100 PROGRAM SERVICES	1,438,915	651,231	-	-	787,684
V.	ADMINISTRATIVE DIRECTION	3,250,146	-	-	-	3,250,146
	8100 EXECUTIVE AND TECHNICAL DIRECTION	249,160	-	-	-	249,160
	8200 ADMINISTRATIVE SERVICES	1,618,201	-	-	-	1,618,201
	8300 GENERAL EXPENSES	1,382,785	-	-	-	1,382,785
VI.	GOVERNING BODIES	493,400	-	-	-	493,400
VII.	INCREASE TO ASSETS	250,000	-	-	-	250,000
	GRAND TOTAL	29,972,571	18,802,919	4,038,520	2,349,902	4,781,230
	*****	*****	*****	*****	*****	*****
	PER CENT OF TOTAL	100.0	62.7	13.5	7.8	16.0



TABLE 3 . . . CONTINUED  
PROGRAM BUDGET - DETAIL

PROGRAM BUDGET - DETAIL 1972		1972				
		TOTAL	ADVISORY SERVICES	DEVELOPMENT OF HUMAN RESOURCES	RESEARCH	INDIRECT PROGRAM COSTS
		\$	\$	\$	\$	\$
I.	PROTECTION OF HEALTH	9,853,800	7,650,581	1,113,477	1,089,742	-
A.	COMMUNICABLE DISEASES	6,764,049	4,934,879	761,579	1,067,591	-
	0100 GENERAL	397,607	344,775	52,832	-	-
	0200 MALARIA	2,446,415	2,015,449	21,000	409,966	-
	0300 SMALLPOX	682,000	639,900	42,100	-	-
	0400 TUBERCULOSIS	292,398	206,698	85,700	-	-
	0500 LEPROSY	108,186	76,186	29,000	3,000	-
	0600 VENEREAL DISEASES	52,605	45,605	7,000	-	-
	0700 ZIHOUSES	1,107,311	690,860	215,858	191,593	-
	0800 FOOT-AND-MOUTH DISEASE	1,545,537	793,016	301,089	451,432	-
	0900 OTHER	41,415	37,815	-	3,600	-
	1000 PARASITIC DISEASES	90,575	75,575	7,000	8,000	-
B.	ENVIRONMENTAL HEALTH	3,089,751	2,715,702	351,898	22,151	-
	2100 GENERAL	1,038,756	870,457	156,148	12,151	-
	2200 WATER SUPPLIES	1,413,559	1,213,409	190,159	10,000	-
	2300 AEFES AEGYPTI ERADICATION	580,838	578,038	2,800	-	-
	2400 HOUSING	56,598	53,798	2,800	-	-
II.	PROMOTION OF HEALTH	12,034,386	8,289,236	2,460,192	1,304,958	-
A.	GENERAL SERVICES	6,148,070	4,605,084	1,181,250	361,736	-
	3100 GENERAL PUBLIC HEALTH	2,795,427	1,972,495	638,700	184,232	-
	3200 NURSING	505,106	405,531	94,200	5,375	-
	3300 LABORATORY	670,278	538,847	105,400	26,031	-
	3400 HEALTH EDUCATION	166,608	163,808	2,800	-	-
	3500 STATISTICS	697,401	621,266	46,200	29,935	-
	3600 ADMINISTRATIVE METHODS	595,494	489,631	88,000	17,863	-
	3700 HEALTH PLANNING	717,756	413,506	205,950	98,300	-
B.	SPECIFIC PROGRAMS	5,886,316	3,684,152	1,258,942	943,222	-
	4100 MATERNAL AND CHILD HEALTH	708,896	410,026	150,384	148,486	-
	4200 NUTRITION	2,386,236	889,050	730,209	746,977	-
	4300 MENTAL HEALTH	303,741	222,951	56,990	23,800	-
	4400 DENTAL HEALTH	153,008	128,135	24,873	-	-
	4500 RADIATION AND ISOTOPES	142,026	113,026	29,000	-	-
	4600 OCCUPATIONAL HEALTH	89,078	79,478	9,600	-	-
	4700 FOOD AND DRUG	153,222	143,422	9,800	-	-
	4800 MEDICAL CARE	1,369,109	1,159,464	200,686	8,959	-
	4900 HEALTH AND POPULATION DYNAMICS	478,959	423,159	40,800	15,000	-
	5000 REHABILITATION	122,041	115,441	6,600	-	-
III.	DEVELOPMENT OF EDUCATIONAL INSTITUTIONS	3,027,200	2,339,723	668,477	19,000	-
	6100 PUBLIC HEALTH	208,222	166,795	41,427	-	-
	6200 MEDICINE	1,412,364	1,086,464	323,900	2,000	-
	6300 NURSING	462,728	327,578	135,150	-	-
	6400 ENVIRONMENTAL SCIENCES	479,827	410,627	52,200	17,000	-
	6500 VETERINARY MEDICINE	112,700	53,500	59,200	-	-
	6600 DENTISTRY	136,145	100,165	36,000	-	-
	6700 BIOSTATISTICS	215,194	194,594	20,600	-	-
IV.	PROGRAM SERVICES	1,512,184	680,392	-	-	831,792
	7100 PROGRAM SERVICES	1,512,184	680,392	-	-	831,792
V.	ADMINISTRATIVE DIRECTION	3,428,307	-	-	-	3,428,307
	8100 EXECUTIVE AND TECHNICAL DIRECTION	257,546	-	-	-	257,546
	8200 ADMINISTRATIVE SERVICES	1,735,541	-	-	-	1,735,541
	8300 GENERAL EXPENSES	1,435,220	-	-	-	1,435,220
VI.	GOVERNING BODIES	497,862	-	-	-	497,862
VII.	INCREASE TO ASSETS	350,000	-	-	-	350,000
	GRAND TOTAL	30,703,739	18,959,932	4,222,146	2,413,700	5,107,961
	PER CENT OF TOTAL	100.0	61.8	13.7	7.9	16.6

**TABLE 4**  
DISTRIBUTION OF PERSONAL SERVICES, FELLOWSHIPS, AND PARTICIPANTS

PROGRAM	1969						1970					
	NUMBER OF POSTS		FELLOWSHIPS				NUMBER OF POSTS		FELLOWSHIPS			
	PROF.	LOCAL	STC MOS.	ACA-DEMIC	SHORT-TERM	PARTICI-PANTS	PROF.	LOCAL	STC MOS.	ACA-DEMIC	SHORT-TERM	PARTICI-PANTS
<b>PROTECTION OF HEALTH - TOTAL</b>	<b>272</b>	<b>258</b>	<b>189</b>	<b>20</b>	<b>142</b>	<b>123</b>	<b>254</b>	<b>265</b>	<b>283</b>	<b>49</b>	<b>173</b>	<b>75</b>
<b>A. COMMUNICABLE DISEASES</b>	<b>202</b>	<b>233</b>	<b>83</b>	<b>12</b>	<b>80</b>	<b>113</b>	<b>177</b>	<b>240</b>	<b>97</b>	<b>26</b>	<b>110</b>	<b>45</b>
0100 GENERAL	11	6	-	-	4	-	11	6	5	1	6	-
0200 MALARIA	113	17	8	11	2	-	91	16	19	1	16	-
0300 SMALLPOX	12	2	1	-	7	-	11	2	5	-	13	15
0400 TUBERCULOSIS	7	1	17	-	24	10	6	1	18	-	35	-
0500 LEPROSY	3	1	-	1	-	-	2	1	2	-	2	-
0600 VENEREAL DISEASES	1	-	4	-	-	-	1	-	8	-	4	-
0700 ZOOSES	25	75	32	-	9	103	25	78	16	4	11	30
0800 FOOT-AND-MOUTH DISEASE	26	130	7	-	34	-	26	135	3	20	23	-
0900 OTHER	3	-	4	-	-	-	3	-	5	-	-	-
1000 PARASITIC DISEASES	1	1	10	-	-	-	1	1	16	-	-	-
<b>B. ENVIRONMENTAL SCIENCES</b>	<b>70</b>	<b>25</b>	<b>106</b>	<b>8</b>	<b>62</b>	<b>10</b>	<b>77</b>	<b>25</b>	<b>186</b>	<b>23</b>	<b>63</b>	<b>30</b>
2100 GENERAL	41	16	26	2	41	10	43	17	27	16	17	-
2200 WATER SUPPLY	17	8	72	6	21	-	22	7	147	7	44	30
2300 Aedes Aegypti ERADICATION	10	1	8	-	-	-	10	1	12	-	2	-
2400 HOUSING	2	-	-	-	-	-	2	-	-	-	-	-
<b>PROMOTION OF HEALTH - TOTAL</b>	<b>253</b>	<b>240</b>	<b>343</b>	<b>320</b>	<b>411</b>	<b>527</b>	<b>290</b>	<b>225</b>	<b>572</b>	<b>174</b>	<b>345</b>	<b>217</b>
<b>A. GENERAL SERVICES</b>	<b>152</b>	<b>51</b>	<b>160</b>	<b>199</b>	<b>326</b>	<b>172</b>	<b>154</b>	<b>54</b>	<b>285</b>	<b>93</b>	<b>193</b>	<b>119</b>
3100 GENERAL PUBLIC HEALTH	52	25	65	190	304	-	52	25	97	65	93	90
3200 NURSING	37	7	20	3	-	28	34	8	23	11	16	14
3300 LABORATORY	7	-	13	-	8	18	8	-	42	8	23	-
3400 HEALTH EDUCATION	4	1	8	1	-	74	4	1	20	1	1	-
3500 STATISTICS	25	13	11	5	3	15	24	15	8	5	17	15
3600 ADMINISTRATIVE METHODS	12	1	9	-	8	37	14	1	8	3	8	-
3700 HEALTH PLANNING	15	4	34	-	3	-	18	4	87	-	35	-
<b>B. SPECIFIC PROGRAMS</b>	<b>111</b>	<b>189</b>	<b>183</b>	<b>121</b>	<b>85</b>	<b>355</b>	<b>136</b>	<b>171</b>	<b>287</b>	<b>81</b>	<b>152</b>	<b>98</b>
4100 MATERNAL AND CHILD HEALTH	5	1	10	-	11	28	15	2	20	9	26	-
4200 NUTRITION	53	171	12	98	40	10	66	150	35	35	17	-
4300 MENTAL HEALTH	5	1	5	1	1	39	5	1	23	1	6	-
4400 DENTAL HEALTH	3	2	24	-	-	-	3	2	15	-	2	-
4500 RADIATION AND ISOTOPES	2	1	5	-	-	17	2	1	14	3	-	-
4600 OCCUPATIONAL HEALTH	3	-	21	4	6	10	3	1	7	1	3	-
4700 FOOD AND DRUG	2	1	1	-	-	13	3	2	12	2	4	24
4800 MEDICAL CARE	21	7	42	12	5	63	21	7	73	12	42	24
4900 HEALTH AND POPULATION DYNAMICS	12	5	42	5	20	175	13	5	58	15	43	-
5000 REHABILITATION	5	-	21	1	2	-	5	-	30	3	9	50
<b>DEVELOPMENT OF EDUCATIONAL INSTITUTIONS - TOTAL</b>	<b>44</b>	<b>19</b>	<b>140</b>	<b>33</b>	<b>83</b>	<b>68</b>	<b>47</b>	<b>24</b>	<b>276</b>	<b>63</b>	<b>132</b>	<b>28</b>
6100 PUBLIC HEALTH	3	-	6	2	5	37	4	3	15	6	12	-
6200 MEDICINE	14	12	59	15	38	-	16	12	131	18	61	28
6300 NURSING EDUCATION	13	1	19	8	28	31	13	2	26	11	12	-
6400 ENVIRONMENTAL SCIENCES	8	4	31	3	7	-	8	5	46	12	19	-
6500 VETERINARY MEDICINE	-	-	12	4	2	-	-	-	21	7	8	-
6600 DENTISTRY	-	1	21	1	3	-	-	1	28	3	20	-
6700 BIOSTATISTICS	6	1	1	-	-	-	6	1	9	6	-	-
<b>PROGRAM SERVICES - TOTAL</b>	<b>36</b>	<b>50</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>34</b>	<b>56</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>ADMINISTRATIVE DIRECTION - TOTAL</b>	<b>38</b>	<b>124</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>39</b>	<b>127</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
8100 EXECUTIVE AND TECHNICAL DIRECTION	4	7	-	-	-	-	4	7	-	-	-	-
8200 ADMINISTRATIVE SERVICES	34	117	-	-	-	-	35	120	-	-	-	-
<b>GOVERNING BODIES - TOTAL</b>	<b>9</b>	<b>9</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>10</b>	<b>10</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>GRAND TOTAL</b>	<b>662</b>	<b>700</b>	<b>681</b>	<b>373</b>	<b>636</b>	<b>718</b>	<b>674</b>	<b>707</b>	<b>1,131</b>	<b>286</b>	<b>650</b>	<b>320</b>

TABLE 4 . . . CONTINUED  
DISTRIBUTION OF PERSONAL SERVICES, FELLOWSHIPS, AND PARTICIPANTS-

PROGRAM	1 9 7 1						1 9 7 2					
	NUMBER OF POSTS		FELLOWSHIPS		SHORT-TERM	PARTICI-PANTS	NUMBER OF POSTS		FELLOWSHIPS		SHORT-TERM	PARTICI-PANTS
	PROF.	LOCAL	STC MOS.	ACA-DEMIC			PROF.	LOCAL	STC MOS.	ACA-DEMIC		
<u>PROTECTION OF HEALTH - TOTAL</u>	<u>247</u>	<u>261</u>	<u>305</u>	<u>56</u>	<u>213</u>	<u>91</u>	<u>230</u>	<u>264</u>	<u>297</u>	<u>61</u>	<u>196</u>	<u>228</u>
A. <u>COMMUNICABLE DISEASES</u>	<u>167</u>	<u>237</u>	<u>101</u>	<u>25</u>	<u>130</u>	<u>52</u>	<u>148</u>	<u>239</u>	<u>121</u>	<u>26</u>	<u>130</u>	<u>110</u>
0100 GENERAL	10	6	10	-	7	-	10	6	11	2	7	35
0200 MALARIA	84	15	14	-	17	-	71	16	20	-	15	-
0300 SMALLPOX	11	2	5	-	13	15	11	2	5	-	13	15
0400 TUBERCULOSIS	7	1	25	-	42	37	6	2	22	-	40	-
0500 LEPROSY	2	1	4	-	-	-	2	1	6	-	14	-
0600 VENEREAL DISEASES	1	-	7	1	5	-	1	-	10	-	5	-
0700 ZOONOSSES	24	78	8	-	12	-	18	75	20	-	11	60
0800 FOOT-AND-MOUTH DISEASE	26	133	3	24	34	-	26	136	3	24	20	-
0900 OTHER	1	-	7	-	-	-	2	-	6	-	-	-
1000 PARASITIC DISEASES	1	1	18	-	-	-	1	1	18	-	5	-
B. <u>ENVIRONMENTAL SCIENCES</u>	<u>80</u>	<u>24</u>	<u>204</u>	<u>31</u>	<u>83</u>	<u>39</u>	<u>82</u>	<u>25</u>	<u>176</u>	<u>35</u>	<u>66</u>	<u>118</u>
2100 GENERAL	46	16	42	21	20	39	46	17	46	25	22	27
2200 WATER SUPPLY	22	7	146	9	60	-	21	7	118	10	40	91
2300 AEADES AEGYPTI ERADICATION	10	1	14	-	2	-	13	1	11	-	2	-
2400 HOUSING	2	-	2	1	1	-	2	-	1	-	2	-
<u>PROMOTION OF HEALTH - TOTAL</u>	<u>306</u>	<u>229</u>	<u>576</u>	<u>248</u>	<u>406</u>	<u>155</u>	<u>304</u>	<u>238</u>	<u>629</u>	<u>248</u>	<u>394</u>	<u>212</u>
A. <u>GENERAL SERVICES</u>	<u>166</u>	<u>56</u>	<u>287</u>	<u>118</u>	<u>246</u>	<u>155</u>	<u>167</u>	<u>62</u>	<u>317</u>	<u>133</u>	<u>266</u>	<u>136</u>
3100 GENERAL PUBLIC HEALTH	54	25	99	88	128	90	55	27	127	97	142	96
3200 NURSING	36	9	28	13	12	65	36	10	24	15	12	25
3300 LABORATORY	10	-	66	11	34	-	10	-	78	12	34	-
3400 HEALTH EDUCATION	4	1	19	-	1	-	4	1	18	-	2	-
3500 STATISTICS	24	15	10	3	12	-	24	16	9	5	17	-
3600 ADMINISTRATIVE METHODS	20	2	6	3	31	-	21	3	8	4	33	15
3700 HEALTH PLANNING	18	4	59	-	28	-	17	5	53	-	26	-
B. <u>SPECIFIC PROGRAMS</u>	<u>140</u>	<u>173</u>	<u>289</u>	<u>130</u>	<u>160</u>	<u>-</u>	<u>137</u>	<u>176</u>	<u>312</u>	<u>115</u>	<u>128</u>	<u>76</u>
4100 MATERNAL AND CHILD HEALTH	15	2	24	46	32	-	16	3	24	7	28	30
4200 NUTRITION	68	151	54	35	19	-	70	152	61	71	22	-
4300 MENTAL HEALTH	7	2	22	4	8	-	7	2	33	4	9	9
4400 DENTAL HEALTH	3	2	14	1	3	-	3	2	18	1	2	27
4500 RADIATION AND ISOTOPES	2	1	14	2	3	-	2	2	17	3	1	10
4600 OCCUPATIONAL HEALTH	3	1	5	1	4	-	2	1	6	1	4	-
4700 FOOD AND DRUG	4	2	13	-	2	-	4	2	13	-	7	-
4800 MEDICAL CARE	21	7	97	22	42	-	17	7	105	21	41	-
4900 HEALTH AND POPULATION DYNAMICS	13	5	21	15	45	-	13	5	11	6	12	-
5000 REHABILITATION	4	-	25	4	2	-	3	-	24	1	2	-
<u>DEVELOPMENT OF EDUCATIONAL INSTITUTIONS - TOTAL</u>	<u>48</u>	<u>25</u>	<u>302</u>	<u>73</u>	<u>167</u>	<u>98</u>	<u>48</u>	<u>25</u>	<u>299</u>	<u>83</u>	<u>176</u>	<u>126</u>
6100 PUBLIC HEALTH	3	4	41	6	9	28	3	4	26	7	9	-
6200 MEDICINE	17	13	129	33	98	-	19	13	126	40	108	-
6300 NURSING EDUCATION	12	2	36	14	12	70	12	2	38	17	12	94
6400 ENVIRONMENTAL SCIENCES	8	4	39	8	17	-	6	4	46	8	14	-
6500 VETERINARY MEDICINE	-	-	18	5	9	-	-	-	24	5	12	32
6600 DENTISTRY	1	1	28	3	21	-	1	1	28	2	20	-
6700 BIostatISTICS	7	1	11	4	1	-	7	1	11	4	1	-
<u>PROGRAM SERVICES - TOTAL</u>	<u>34</u>	<u>55</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>34</u>	<u>55</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
<u>ADMINISTRATIVE DIRECTION - TOTAL</u>	<u>40</u>	<u>129</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>40</u>	<u>131</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
8100 EXECUTIVE AND TECHNICAL DIRECTION	4	7	-	-	-	-	4	7	-	-	-	-
8200 ADMINISTRATIVE SERVICES	36	122	-	-	-	-	36	124	-	-	-	-
<u>GOVERNING BODIES - TOTAL</u>	<u>10</u>	<u>10</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>10</u>	<u>10</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
GRAND TOTAL	685	709	1,183	377	786	344	666	723	1,225	392	766	566

TABLE 5  
SUMMARY OF INVESTMENT

SOURCE OF FUNDS	TOTAL AMOUNT	*--PERSONNEL*			*--DUTY*	*--FELLOWSHIPS*		*--SEMINARS*		*--SUPPLIES*	*--GRANTS*		
		POSTS PROF.	LOCAL	STC MONTH	AMOUNT	TRAVEL AMOUNT	ACAD.	SHORT	AMOUNT	PART.	AMOUNT	EQUIPMENT AND OTHER	
	\$				\$			\$		\$	\$		
1969													
PAHO---PR	12,144,534	330	383	265	8,165,505	608,110	84	161	360,762	376	186,758	1,255,718	1,567,681
PM	1,142,962	54	8	8	761,688	44,519	2	-	2,720	-	-	309,773	24,162
PW	56,742	-	-	17	29,914	1,611	-	14	11,097	-	491	13,629	-
PG	2,864,318	39	147	80	991,218	76,387	17	97	187,427	198	98,117	406,053	1,125,116
PI	420,952	7	96	-	158,968	4,576	-	3	2,883	-	-	70,145	184,380
WHO---WR	6,230,345	141	58	205	3,095,113	300,251	249	346	1,243,023	118	81,875	939,097	570,986
WA	177,519	7	-	-	167,990	8,719	1	-	810	-	-	-	-
WT	926,333	53	-	48	820,616	45,106	20	6	40,699	26	936	3,976	15,000
WS	673,097	28	4	57	444,294	26,186	-	9	4,541	-	-	169,589	28,487
WD	142,858	3	4	1	77,924	11,482	-	-	-	-	-	13,380	40,072
TOTAL	24,799,560	662	700	681	14,713,230	1,126,947	373	636	1,853,962	718	368,177	3,181,360	3,555,884
PER CENT OF TOTAL	100.0				59.3	4.6			7.5		1.5	12.8	14.3
1970													
PAHO---PR	13,852,119	344	402	349	9,592,326	667,558	80	287	639,942	168	107,413	1,063,879	1,781,001
PM	1,111,991	35	6	9	638,016	51,600	1	6	12,400	-	-	311,100	98,875
PW	238,863	2	-	74	163,663	2,000	1	17	39,200	-	-	34,000	-
PG	4,464,380	40	153	92	1,221,048	81,561	36	51	287,914	-	139,443	704,069	2,030,345
PI	394,545	20	74	-	251,997	12,850	-	3	3,600	-	-	34,500	91,598
WHO---WR	6,643,600	147	63	381	4,008,179	293,138	119	253	853,200	152	152,180	686,887	650,016
WT	1,661,347	50	-	105	1,294,500	75,000	35	26	254,322	-	-	22,255	15,000
WS	1,631,977	33	5	121	940,099	44,927	14	7	84,407	-	-	499,678	62,866
WD	116,635	3	4	-	94,205	6,500	-	-	-	-	-	6,620	9,310
TOTAL	30,115,457	674	707	1131	18,204,033	1,235,134	286	650	2,174,985	320	399,036	3,363,258	4,739,011
PER CENT OF TOTAL	100.0				60.5	4.1			7.2		1.3	11.2	15.7
1971													
PAHO---PR	15,237,331	350	407	394	10,496,861	719,686	110	329	798,566	130	64,700	1,272,209	1,885,309
PM	829,868	27	4	4	526,119	44,000	-	6	8,400	-	-	173,369	77,980
PW	199,922	2	-	54	139,922	2,000	-	30	52,000	-	-	6,000	-
PG	2,379,188	37	153	48	1,160,725	73,884	32	51	228,038	-	5,624	165,710	745,207
PI	394,545	20	74	-	261,926	12,850	-	3	3,600	-	-	30,000	86,169
WHO---WR	7,271,500	154	63	481	4,484,729	306,212	180	270	998,700	214	202,036	654,828	624,995
WT	2,101,925	61	-	107	1,527,600	89,500	48	91	447,700	-	-	22,125	15,000
WS	1,454,938	31	4	95	924,018	45,000	7	6	55,658	-	-	377,450	52,812
WD	103,354	3	4	-	89,254	10,500	-	-	-	-	-	-	3,600
TOTAL	29,972,571	685	709	1183	19,611,154	1,303,632	377	786	2,592,662	344	272,360	2,701,691	3,491,072
PER CENT OF TOTAL	100.0				65.4	4.4			8.7		.9	9.0	11.6
1972													
PAHO---PR	16,761,064	367	420	458	11,637,317	734,896	117	333	880,463	316	183,053	1,317,478	2,007,857
PM	619,242	17	4	-	366,842	40,000	-	1	1,400	-	-	136,042	74,958
PW	119,698	2	-	31	96,698	2,000	-	5	16,000	-	-	5,000	-
PG	2,025,094	33	153	24	1,067,898	64,132	25	21	126,576	-	3,827	137,850	624,811
PI	394,545	20	74	-	271,855	12,850	-	3	3,600	-	-	26,000	80,240
WHO---WR	7,922,000	152	67	522	4,793,286	307,900	201	311	1,113,701	250	245,160	790,688	671,265
WT	2,011,825	54	-	112	1,445,600	83,500	47	86	433,100	-	-	34,625	15,000
WS	752,445	19	1	78	593,195	22,000	2	6	24,900	-	-	80,750	31,600
WD	97,826	2	4	-	82,786	11,440	-	-	-	-	-	-	3,600
TOTAL	30,703,739	666	723	1225	20,355,477	1,278,718	392	766	2,599,740	566	432,040	2,528,433	3,509,331
PER CENT OF TOTAL	100.0				66.3	4.2			8.5		1.4	8.2	11.4

PAHO PR-REGULAR BUDGET  
PM-SPECIAL FUND FOR MALARIA ERADICATION  
PW-COMMUNITY WATER SUPPLY  
PG-GRANTS AND OTHER CONTRIBUTIONS  
PI-INCAP AND OTHER RELATED GRANTS

WHO WR-REGULAR BUDGET  
WA-MALARIA ERADICATION SPECIAL ACCOUNT  
WT-UNITED NATIONS TECHNICAL ASSISTANCE  
WS-UNITED NATIONS SPECIAL FUND  
WD-GRANTS AND OTHER FUNDS

TABLE 6  
SUMMARY OF MAJOR PROGRAMS BY FUND

	1969		1970		1971		1972	
	AMOUNT	PER CENT	AMOUNT	PER CENT	AMOUNT	PER CENT	AMOUNT	PER CENT
	\$	%	\$	%	\$	%	\$	%
I. PROTECTION OF HEALTH	8,193,874	33.0	9,600,634	31.9	9,615,757	32.1	9,853,800	32.1
<u>PAN AMERICAN HEALTH ORGANIZATION</u>	5,274,055	21.3	5,060,294	20.1	6,223,676	20.8	6,561,853	21.4
REGULAR	3,504,770	14.2	4,152,645	13.8	4,664,178	15.6	5,277,981	17.2
SPECIAL MALARIA	1,142,862	4.6	1,111,991	3.7	829,868	2.8	619,242	2.0
COMMUNITY WATER SUPPLY	56,742	0.2	238,863	0.8	199,922	0.7	119,698	0.4
GRANTS AND OTHER CONTRIBUTIONS TO PAHO	569,681	2.3	556,795	1.8	529,708	1.7	544,932	1.8
<u>WORLD HEALTH ORGANIZATION</u>	2,919,819	11.7	3,540,340	11.8	3,392,081	11.3	3,291,947	10.7
REGULAR	1,934,508	7.7	2,162,893	7.3	2,326,823	7.8	2,501,550	8.2
MALARIA ERADICATION SPECIAL ACCOUNT	177,519	0.7	-	-	-	-	-	-
TECHNICAL ASSISTANCE	412,417	1.7	675,300	2.2	669,600	2.2	616,100	2.0
UNITED NATIONS SPECIAL FUND	323,200	1.3	631,001	2.1	315,256	1.1	88,843	0.3
GRANTS AND OTHER	72,175	0.3	71,146	0.2	80,402	0.2	85,454	0.2
II. PROMOTION OF HEALTH	9,934,698	40.0	12,655,160	42.0	12,025,431	40.1	12,034,386	39.2
<u>PAN AMERICAN HEALTH ORGANIZATION</u>	6,532,043	26.3	8,452,537	28.1	7,101,785	23.7	7,310,480	23.8
REGULAR	3,991,682	16.1	4,708,777	15.7	5,130,905	17.1	5,677,773	18.5
GRANTS AND OTHER CONTRIBUTIONS TO PAHO	2,119,409	8.5	3,349,215	11.1	1,576,335	5.3	1,238,162	4.0
INCAP AND RELATED GRANTS	420,952	1.7	394,545	1.3	394,545	1.3	394,545	1.3
<u>WORLD HEALTH ORGANIZATION</u>	3,402,655	13.7	4,202,623	13.9	4,923,646	16.4	4,723,906	15.4
REGULAR	2,710,552	10.9	2,454,172	8.1	2,800,305	9.3	3,057,731	10.0
TECHNICAL ASSISTANCE	498,916	2.0	928,647	3.1	1,186,725	4.0	1,150,125	3.8
UNITED NATIONS SPECIAL FUND	167,916	0.7	789,184	2.6	925,616	3.1	516,050	1.6
GRANTS AND OTHER	25,271	0.1	30,620	0.1	11,000	"	-	-
III. DEVELOPMENT OF EDUCATIONAL INSTITUTIONS	2,111,466	8.6	2,868,299	9.5	2,898,922	9.7	3,027,200	9.9
<u>PAN AMERICAN HEALTH ORGANIZATION</u>	1,379,516	5.6	1,808,457	6.0	1,620,138	5.4	1,735,001	5.7
REGULAR	1,184,288	4.8	1,250,087	4.2	1,346,993	4.5	1,493,001	4.9
GRANTS AND OTHER CONTRIBUTIONS TO PAHO	195,228	0.8	558,370	1.8	273,145	0.9	242,000	0.8
<u>WORLD HEALTH ORGANIZATION</u>	731,950	3.0	1,059,842	3.5	1,278,784	4.3	1,292,199	4.2
REGULAR	493,157	2.0	779,381	2.6	810,766	2.7	890,275	2.9
TECHNICAL ASSISTANCE	15,000	0.1	57,400	0.2	245,600	0.8	245,600	0.8
UNITED NATIONS SPECIAL FUND	181,981	0.7	211,792	0.7	214,066	0.8	147,552	0.5
GRANTS AND OTHER	41,812	0.2	11,269	"	8,352	"	8,772	"
IV. PROGRAM SERVICES	1,172,934	4.7	1,345,004	4.5	1,438,915	4.8	1,512,184	4.9
<u>PAN AMERICAN HEALTH ORGANIZATION - REGULAR</u>	967,089	3.9	1,071,802	3.6	1,134,928	3.8	1,187,323	3.9
<u>WORLD HEALTH ORGANIZATION - REGULAR</u>	205,845	0.8	273,202	0.9	303,987	1.0	324,861	1.0
V. ADMINISTRATIVE DIRECTION	2,967,120	12.0	3,035,136	10.1	3,250,146	10.8	3,428,307	11.2
<u>PAN AMERICAN HEALTH ORGANIZATION - REGULAR</u>	2,185,438	8.8	2,179,188	7.2	2,346,729	7.8	2,409,999	7.9
<u>WORLD HEALTH ORGANIZATION</u>	781,682	3.2	855,948	2.9	903,417	3.0	1,018,308	3.3
REGULAR	778,082	3.2	852,348	2.9	899,817	3.0	1,014,708	3.3
GRANTS AND OTHER	3,600	"	3,600	"	3,600	"	3,600	"
VI. GOVERNING BODIES	399,107	1.6	461,224	1.5	493,400	1.7	497,862	1.6
<u>PAN AMERICAN HEALTH ORGANIZATION - REGULAR</u>	290,906	1.2	339,620	1.1	363,598	1.2	364,987	1.2
<u>WORLD HEALTH ORGANIZATION - REGULAR</u>	108,201	0.4	121,604	0.4	129,802	0.5	132,875	0.4
VII. INCREASE TO ASSETS	20,361	0.1	150,000	0.5	250,000	0.8	350,000	1.1
<u>PAN AMERICAN HEALTH ORGANIZATION - REGULAR</u>	20,361	0.1	150,000	0.5	250,000	0.8	350,000	1.1
GRAND TOTAL	24,799,560	100.0	30,115,457	100.0	29,972,571	100.0	30,703,739	100.0

<sup>37</sup> LESS THAN 0.05 PER CENT

## I. PROTECTION OF HEALTH

### A. COMMUNICABLE DISEASES

#### 0100 - GENERAL

COMMUNICABLE DISEASES WERE THE PRIME FORCE IN THE ESTABLISHMENT OF INTERNATIONAL HEALTH AGENCIES. HOWEVER, DESPITE IMPROVING SANITATION AND SOME EFFECTIVE ANTI-DISEASE CAMPAIGNS, AVAILABLE STATISTICS SHOW THAT COMMUNICABLE DISEASES REMAIN PRINCIPAL CAUSES OF DEATH FOR ALL AGES COMBINED AND ESPECIALLY FOR INFANCY AND CHILDHOOD.

FOR THIS REASON, THE CONTROL OF COMMUNICABLE DISEASES CONSTITUTES ONE OF THE MAIN ACTIVITIES OF THE ORGANIZATION. PRIORITIES IN ITS EFFORTS ARE GIVEN ON THE BASIS OF 1) ERADICATION OF CERTAIN DISEASES FOR WHICH THERE ARE AT PRESENT PRACTICAL AND EFFICIENT MEANS FOR THEIR ELIMINATION AND FOR WHICH THERE ARE MANDATES FROM THE GOVERNING BODIES OF THE ORGANIZATION, SUCH AS MALARIA, SMALLPOX, YAWS, AND THE ERADICATION OF THE Aedes Aegypti, VECTOR OF URBAN YELLOW FEVER; 2) CONTROL OF DISEASES FOR WHICH TECHNICALLY AND ECONOMICALLY SOUND PROGRAMS ARE FEASIBLE, SUCH AS TUBERCULOSIS, LEPROSY, DIPHTHERIA, PERTUSSIS, TETANUS, POLIOMYELITIS, RABIES, VENEREAL DISEASES, MEASLES, AND PLAGUE; AND 3) CONTROL OF DISEASES WHICH REPRESENT IMPORTANT PROBLEMS IN SOME AREAS OF THE AMERICAS, SUCH AS CHAGAS' DISEASE, FILARIASIS, SCHISTOSOMIASIS, HYDATIDOSIS, ONCHOCERCIASIS, AND OTHER PARASITIC DISEASES.

WHILE ASSISTING THE COUNTRIES IN THEIR PROGRAMS FOR THE CONTROL OF PARTICULAR DISEASES, AS PART OF THE GENERAL ACTIVITIES OF THE PUBLIC HEALTH SERVICES, THE ORGANIZATION IS STIMULATING THE DEVELOPMENT OR STRENGTHENING OF EPIDEMIOLOGICAL SERVICES DESIGNED TO GIVE GUIDANCE ON THE GENERAL CONTROL OF COMMUNICABLE DISEASES.

IN ADDITION TO THE CONSULTANTS WHO ASSIST THE COUNTRIES IN SPECIFIC PROJECTS FOR THE CONTROL OF COMMUNICABLE DISEASES, THE ORGANIZATION HAS A DEPARTMENT OF COMMUNICABLE DISEASES AND EPIDEMIOLOGISTS FOR ZONES I, II, III, IV, AND VI. THE EPIDEMIOLOGISTS 1) ASSIST IN THE STRENGTHENING OF EPIDEMIOLOGICAL SERVICES IN THE COUNTRIES; 2) PROMOTE THE DEVELOPMENT OF ERADICATION AND CONTROL PROGRAMS AGAINST COMMUNICABLE DISEASES; 3) ADVISE ON METHODS AND TECHNIQUES OF CONTROL; 4) STIMULATE THE COORDINATION OF THE ACTIVITIES FOR THE CONTROL OR ERADICATION OF COMMUNICABLE DISEASES WITH OTHER PUBLIC HEALTH ACTIVITIES; 5) COORDINATE THE PROGRAM OF CONTROL OR ERADICATION OF COMMUNICABLE DISEASES IN THE COUNTRIES OF THE RESPECTIVE ZONE; 6) PROMOTE BETTER REPORTING OF THOSE DISEASES; AND 7) ADVISE ON ALL PROBLEMS RELATED TO THE APPLICATION OF THE INTERNATIONAL HEALTH REGULATIONS.

THE CHIEF OF THE DEPARTMENT OF COMMUNICABLE DISEASES AND THE EPIDEMIOLOGISTS ARE BUDGETED UNDER THE "GENERAL" CATEGORY. OTHER STAFF MEMBERS ARE APPORTIONED TO OTHER PROGRAMS.

	<u>1969</u>	<u>1970</u>	<u>1971</u>	<u>1972</u>
FUNDS BUDGETED	\$ 203,940	\$ 321,737	\$ 337,751	\$ 397,607
% OF TOTAL BUDGET	0.8	1.0	1.1	1.2
PROFESSIONAL POSTS	11	11	10	10
CONSULTANT MONTHS	-	5	10	11
FELLOWSHIPS	4	7	7	9
SEMINAR PARTICIPANTS	-	-	-	35

#### 0200 - MALARIA

SINCE 1954, THE YEAR OF THE XIV PAN AMERICAN CONFERENCE IN SANTIAGO, CHILE, PAHO/WHO HAS GIVEN THE HIGHEST PRIORITY TO THE MALARIA ERADICATION PROGRAM. WITH THE CHANGE IN THE CONCEPT FROM CONTROL TO ERADICATION, THE APPLICATION OF MEASURES AGAINST THE DISEASE WERE INTENSIFIED. NEVERTHELESS, GIVEN THE SCOPE OF THE PROJECT, THESE STANDARDS WERE APPLIED SIMULTANEOUSLY IN ALL OF THE HEMISPHERE: WHILE SOME COUNTRIES IN 1968 WERE RECKONING WITH AREAS OF MALARIA ERADICATED BEFORE 1955, OTHERS FOR THE FIRST TIME COVERED THE ENTIRE TERRITORY.

SINCE 1955, THE YEAR IN WHICH THE ERADICATION PROGRAM WAS BEGUN, UNTIL 1969, THE PROGRAM HAS ADVANCED AND RECEDED, THOUGH THE GENERAL BALANCE HAS BEEN VERY FAVORABLE. THE POPULATION OF THE ORIGINAL MALARIA AREA IS 176,325,000 INHABITANTS. OF THESE, 72,757,000 PERSONS RESIDE IN MALARIA ERADICATED AREAS (MAINTENANCE PHASE) AND 46,987,000 INHABITANTS RESIDE IN AREAS IN THE CONSOLIDATION PHASE. THERE REMAINS A POPULATION OF 56,375,000 PERSONS, WHICH CONSTITUTES 32 PER CENT OF THE POPULATION OF THE ORIGINAL MALARIA AREA IN THE PHASE OF ATTACK.

WITHIN THE SPIRIT OF RESOLUTION 39 OF THE 22ND WORLD HEALTH ASSEMBLY (DOCUMENT WHA22.39), THE PROCESS OF REVIEWING ALL OF THE PROGRAMS HAS BEEN INITIATED, WITH THE OBJECT OF ADOPTING A PLAN BETTER SUITED TO THE LOCAL CONDITIONS AND AVAILABLE RESOURCES IN EACH COUNTRY WITHOUT LOSING SIGHT OF THE FINAL GOAL OF ERADICATION OF THE DISEASE FROM THE CONTINENT.

ON ANOTHER SIDE, THE ADVISORY COMMITTEE FOR ERADICATION OF MALARIA OF PAHO/WHO IN ITS SECOND MEETING, HELD IN WASHINGTON IN MARCH 1969, EMPHASIZED THE NECESSITY FOR A MALARIA ERADICATION PROGRAM WHICH WOULD BE AN INTEGRAL PART OF THE HEALTH SECTOR OF THE NATIONAL ECONOMIC DEVELOPMENT PLAN OF ALL OF THE COUNTRIES AND WHICH WOULD INCLUDE ECONOMIC, ADMINISTRATIVE, FINANCIAL, AND SOCIOLOGICAL FACTORS.

IN 1969, THE EPIDEMIOLOGICAL SITUATION IN THE HEMISPHERE REMAINED PRACTICALLY THE SAME AS IN 1968. IN THE 11 POLITICAL ENTITIES OF SOUTH AMERICA WITH AN ACTIVE PROGRAM, 4,454,697 BLOOD SMEARS WERE TAKEN IN 1969 WITH 168,763 (3.8 PER CENT) HAVING POSITIVE RESULTS; IN 1968, IN THE SAME COUNTRIES OR POLITICAL ENTITIES, 4,705,240 SMEARS WERE TAKEN WITH 178,431 (3.8 PER CENT) POSITIVE. IN THE 19 POLITICAL ENTITIES IN MIDDLE AMERICA, 7,053,727 BLOOD SMEARS WERE TAKEN IN 1969 WITH 131,051 (1.8 PER CENT) POSITIVE; AND IN 1968, 7,815,962 BLOOD SMEARS WERE TAKEN WITH 101,731 (1.3 PER CENT) POSITIVE. IN NORTH AMERICA, 3,315 CASES WERE REGISTERED IN 1969, OF WHICH 3,310 WERE IMPORTED, FOUR INDUCED, AND ONE NOT CLASSIFIED.

WHILE THE PROGRAM HAS ADVANCED, SOME TECHNICAL PROBLEMS HAVE BEEN REVEALED. ONE OF THE MOST IMPORTANT IS THE RESISTANCE OF THE VECTORS TO CHLORINATED INSECTICIDES, A PROBLEM WHICH, AT THE PRESENT TIME, AFFECTS PRINCIPALLY THE PACIFIC COAST OF FOUR COUNTRIES IN CENTRAL AMERICA (EL SALVADOR, GUATEMALA, HONDURAS, AND NICARAGUA) AND A SMALL AREA OF MEXICO. BESIDES PHYSIOLOGICAL RESISTANCE, PROBLEMS OF BEHAVIOR OF THE VECTOR HAS LESSENED THE EFFECT OF INSECTICIDES IN SOME AREAS. ANOTHER PROBLEM WHICH HAS PRESENTED ITSELF IS THE RESISTANCE OF CERTAIN STRAINS OF THE PARASITE *P. FALCIPARUM* TO CHLOROQUINE. RESEARCH CONTINUES IN DEVELOPING AN ADEQUATE METHODOLOGY TO RESOLVE THE PROBLEMS OF RESISTANCE, BOTH OF THE VECTOR AND OF THE PARASITE.

THE ORGANIZATION PROVIDES TECHNICAL ASSISTANCE THROUGH MEDICAL OFFICERS, ENGINEERS, ENTOMOLOGISTS, ADVISERS IN ADMINISTRATIVE METHODS, AND SANITARIANS, WHO ASSIST IN THE PROGRAMS OF OPERATION PLANNING, TRAINING OF PERSONNEL, AND EVALUATION AND IN THE DEVELOPMENT OF EPIDEMIOLOGICAL STUDIES. ALTHOUGH THE PRINCIPAL RESPONSIBILITY OF THE STAFF OF THE ORGANIZATION IS ADVISORY IN A COUNTRY, THE CHIEF OF THE TEAM IS AT THE SAME TIME THE CO-DIRECTOR OF THE PROGRAM.

THE ORGANIZATION CARRIES OUT SOME PROJECTS OF RESEARCH AND COOPERATES WITH OTHER INTERNATIONAL ORGANIZATIONS AND WITH THE GOVERNMENT IN THE EXECUTION OF OTHER PROJECTS. IT ALSO PROVIDES ANTIMALARIA DRUGS AND SOME SUPPLIES AND EQUIPMENT REQUESTED BY THE GOVERNMENTS WHICH ARE NOT AVAILABLE ON THE LOCAL MARKETS OR WHICH CANNOT BE OBTAINED THROUGH OTHER CHANNELS.

THE ORGANIZATION ALSO COLLABORATES IN THE COORDINATION OF INTERNATIONAL MEETINGS OF DIRECTORS AND TECHNICIANS OF THE SERVICES OF MALARIA ERADICATION, SUPPORTS THE COOPERATIVE ENDEAVOR AMONG THE COUNTRIES COMBATING THE DISEASE, AND PARTICIPATES IN THE DISSEMINATION OF INFORMATION ON NEW METHODS AND TECHNIQUES IN MALARIA ERADICATION.

DURING 1969, DIRECT ASSISTANCE WAS GIVEN TO 21 PROGRAMS, AND THERE WERE SOME INTERCOUNTRY OR INTERREGIONAL PROJECTS.

	<u>1969</u>	<u>1970</u>	<u>1971</u>	<u>1972</u>
FUNDS BUDGETED	\$2,606,778	\$2,591,624	\$2,502,688	\$2,446,415
% OF TOTAL BUDGET	10.5	8.6	8.3	7.9
PROFESSIONAL POSTS	113	91	84	71
CONSULTANT MONTHS	8	19	14	20
FELLOWSHIPS	13	17	17	15

#### 0300 - SMALLPOX

THE GOVERNING BODIES OF PAHO HAVE STRESSED VERY STRONGLY THE IMPORTANCE OF NATIONAL ERADICATION OF SMALLPOX TO HELP NEUTRALIZE A SERIOUS INTERNATIONAL MENACE WHICH RESULTS FROM THE INCREASED SPEED AND VOLUME OF INTERNATIONAL TRAVEL, AS INDICATED BY THE CURRENT EXPERIENCE OF SEVERAL EUROPEAN COUNTRIES. DESPITE EMERGENCY MEASURES, THE CURRENT IMPORTATIONS OF SMALLPOX HAVE ALREADY GIVEN RISE TO OUTBREAKS IN GREAT BRITAIN, GERMANY, AND CZECHOSLOVAKIA, RESULTING IN 63 INDIGENOUS CASES, 18 OF WHICH HAVE ENDED FATALLY.

SMALLPOX HAD BEEN REPORTED IN 15 COUNTRIES AND OTHER POLITICAL UNITS OF THE AMERICAS IN 1951. IT WAS FOUND IN ONLY SEVEN COUNTRIES IN 1958, FIVE IN 1961, AND SIX IN 1965; AND ALTHOUGH ONLY BRAZIL REPORTED CASES IN 1967, IN 1968 IT WAS FOUND IN THREE COUNTRIES. BRAZIL WAS LEADING THE GROUP WITH 4,353 CASES IN 1967 AND 3,696 IN 1968. COLOMBIA, PARAGUAY, PERU, AND ARGENTINA REPORTED, RESPECTIVELY, 149, 32, 18, AND 15 CASES IN 1965. THESE SAME COUNTRIES IN 1966 REPORTED, RESPECTIVELY, 8, 5, 13, AND 21 CASES AND NO CASES IN 1968. URUGUAY REPORTED ONE IMPORTED CASE IN 1965 AND NONE DURING 1966 OR 1967, BUT IN 1968 IT REGISTERED TWO CASES, ONE OF THEM AUTOCHTHONOUS.

THESE FOCI OF SMALLPOX IN THE AMERICAS, ESPECIALLY IN BRAZIL, WHICH HAS COMMON BORDERS WITH EIGHT COUNTRIES BESIDES SURINAM AND FRENCH GUIANA, ARE A PERMANENT CONCERN AND A PROBLEM TO THOSE COUNTRIES ALREADY FREE OF SMALLPOX.

THE ADEQUATE SUPPLY OF HIGH QUALITY, FULLY STABLE FREEZE-DRIED SMALLPOX VACCINE CONSTITUTES ONE OF THE MOST IMPORTANT ASPECTS IN THE ERADICATION PROGRAM. THE ORGANIZATION HAS PROMOTED PRODUCTION FACILITIES IN SEVERAL COUNTRIES (11 AT THE PRESENT TIME), RAISING THE ANNUAL PRODUCTION OF FREEZE-DRIED VACCINE FROM 52 MILLION DOSES IN 1966 TO 100.7 MILLION IN 1968. AN AGREEMENT WAS SIGNED WITH THE UNIVERSITY OF TORONTO FOR THE SERVICES OF THE CONNAUGHT MEDICAL RESEARCH LABORATORIES TO COOPERATE IN THE EFFECTIVE PRODUCTION AND APPLICATION OF WHO MINIMAL REQUIREMENTS TO SMALLPOX-VACCINE-PRODUCING LABORATORIES.

IN ORDER TO ASSIST THE GOVERNMENTS OF THE AMERICAN STATES IN CARRYING OUT SMALLPOX ERADICATION PROGRAMS, THE ORGANIZATION HAS ALREADY SIGNED AGREEMENTS WITH THE GOVERNMENTS OF ARGENTINA, BOLIVIA, BRAZIL, CHILE, COLOMBIA, CUBA, ECUADOR, PARAGUAY, PERU, URUGUAY, AND VENEZUELA. ACCORDING TO THE AGREEMENTS, A DETAILED PLAN OF OPERATIONS FOR EACH COUNTRY WAS ELABORATED WITH THE ASSISTANCE OF PAHO ADVISERS. ON THE BASIS OF THE PLANS OF OPERATIONS, VEHICLES AND EQUIPMENT FOR BOTH LABORATORY SMALLPOX PRODUCTION AND HEALTH EDUCATION, AS WELL AS JET-INJECTORS, ARE DELIVERED TO THE COUNTRIES TO SPEED THE SMALLPOX ERADICATION CAMPAIGNS.

SPECIAL EMPHASIS IS GIVEN TO PROVIDE COVERAGE OF THE POPULATION ON THE BASIS OF AN 80 PER CENT TARGET; TO ESTABLISH A SUCCESSFUL MAINTENANCE PHASE; AND TO EVALUATE THE WORK DONE BY CHECKING RANDOM SAMPLES OF THE VACCINATED POPULATION TO KNOW THE TAKES AMONG BOTH THE PRIME VACCINEES AND THE REVACCINEES.

A SMALLPOX REGIONAL ADVISER AND ONE STATISTICIAN HAVE BEEN APPOINTED TO SUPERVISE THE PROGRAM IN THE AMERICAS, AND ZONE EPIDEMIOLOGIST AND STATISTICIANS ARE BEING APPOINTED TO THE SMALLPOX ENDEMIC AREAS IN THE AMERICAS.

WITHIN THE BUDGETARY LIMITATIONS, THE ORGANIZATION WILL CONTINUE TO ASSIST THE GOVERNMENTS WITH TECHNICAL ASSISTANCE THROUGH ITS PERMANENT STAFF AND SHORT-TERM CONSULTANTS, FELLOWSHIPS FOR TRAINING OF TECHNICAL AND AUXILIARY PERSONNEL, AND PROVISION OF SUPPLIES AND EQUIPMENT.

	<u>1969</u>	<u>1970</u>	<u>1971</u>	<u>1972</u>
FUNDS BUDGETED	\$ 691,464	\$ 652,000	\$ 682,000	\$ 682,000
% OF TOTAL BUDGET	2.7	2.1	2.2	2.2
PROFESSIONAL POSTS	12	11	11	11
CONSULTANT MONTHS	1	5	5	5
FELLOWSHIPS	7	13	13	13
SEMINAR PARTICIPANTS	-	15	15	15

#### 0400 - TUBERCULOSIS

TUBERCULOSIS MORTALITY AND MORBIDITY IN THE AMERICAS HAVE CONTINUED TO SHOW A PROGRESSIVE DECLINE IN RECENT YEARS. NEVERTHELESS, DESPITE THE DEVELOPMENT THAT HAS BEEN ACHIEVED IN ITS CONTROL, THE DISEASE CONTINUES TO REPRESENT AN IMPORTANT PROBLEM IN LATIN AMERICA, WITH AN ESTIMATED PREVALENCE OF 85 MILLION INFECTED PERSONS AND 1,250,000 ACTIVE CASES. AS A RESULT OF THE RAPID ADVANCES IN SCIENTIFIC KNOWLEDGE IN THE LAST FEW YEARS, THERE ARE PRESENTLY AVAILABLE SPECIFIC PROCEDURES FOR THE CONTROL OF TUBERCULOSIS WHICH, EVEN WITHIN THEIR INTRINSIC LIMITATIONS, ARE SUFFICIENTLY EFFECTIVE TO CONTRIBUTE SUBSTANTIALLY TO THE SOLUTION OF THE PROBLEM.

THE CONTROL OF TUBERCULOSIS CONSISTS IN THE REDUCTION OF TRANSMISSION OF THE DISEASE IN COMMUNITIES AND ULTIMATELY IN ALL THE POPULATION. THEREFORE, IT IS NECESSARY TO PERSIST IN THE ADOPTION OF UNIFORM OBJECTIVES AND EXPANSION OF THE MOST ECONOMICAL DIAGNOSTIC PROCEDURES AND TREATMENT. DIAGNOSIS OF MOST OF THE EXISTING CASES, AMBULATORY CHEMOTHERAPY, BCG VACCINATION, AND SECONDARY CHEMOPROPHYLAXIS ARE AMONG THE EFFECTIVE MEANS OF CONTROLLING THE DISEASE. THE PROGRAM SHOULD SERVE THE ENTIRE NATIONAL COMMUNITY, SATISFY FELT NEEDS, AND BE MANAGED WITHIN THE AVAILABLE RESOURCES.

TUBERCULOSIS CONTROL ACTIVITIES MUST BE PROGRAMED AS A CONTINUING ACTION OVER A LONG PERIOD OF TIME AS A PART OF THE PERMANENT HEALTH SERVICES. IF TUBERCULOSIS IS ONE OF THE MOST PRESSING PROBLEMS AFFECTING A COMMUNITY AND ANTI-TUBERCULOSIS SERVICES ARE SIMILAR TO OTHER HEALTH SERVICES, THE TUBERCULOSIS PROGRAM, REGARDLESS OF ITS STAGE OF DEVELOPMENT, SHOULD BE INTEGRATED INTO THE EXISTING PUBLIC HEALTH SERVICES, INCLUDING THOSE RELATED TO MEDICAL CARE.

FOLLOWING THESE CONCEPTS, THE ORGANIZATION PROMOTES AND COOPERATES IN THE ESTABLISHMENT OF PROGRAMS APPLIED, AT THE START, TO LIMITED AREAS. THE OBJECTIVES OF THESE PROGRAMS ARE 1) TO DETERMINE THE SIZE OF THE PROBLEM IN A REPRESENTATIVE SAMPLE OF THE POPULATION; 2) TO ESTABLISH QUANTITATIVE AND QUALITATIVE OBJECTIVES OF CONTROL AND MEASURE RESULTS OBTAINED IN A PREDETERMINED PERIOD OF TIME, PARTICULARLY IN RELATION TO THE ADMINISTRATIVE EFFICACY OF THE METHODS EMPLOYED; 3) TO DETERMINE THE MINIMUM RESOURCES REQUIRED TO ATTAIN THE OBJECTIVES OF THE CAMPAIGN, BEARING IN MIND THAT THE ANTI-TUBERCULOSIS PROGRAM OUGHT TO BE CARRIED OUT AS AN INTEGRAL PART OF THE PUBLIC HEALTH SERVICES AND NOT AS A COSTLY SPECIALIZED SERVICE; 4) TO CALCULATE THE COST TO ATTAIN THE OBJECTIVES ESTABLISHED; AND 5) TO TRAIN THE NECESSARY PERSONNEL.

UNICEF COOPERATES IN THE TUBERCULOSIS CONTROL PROGRAMS. THE ORGANIZATION HAS A FULL-TIME REGIONAL ADVISER IN TUBERCULOSIS, TWO ZONE ADVISERS, AND COUNTRY ADVISERS IN MEXICO AND THE DOMINICAN REPUBLIC, IN ADDITION TO A NURSING ADVISER. PROGRAMS ARE UNDER WAY IN ARGENTINA, BOLIVIA, BRAZIL, CHILE, COLOMBIA, COSTA RICA, DOMINICAN REPUBLIC, EL SALVADOR, ECUADOR, MEXICO, NICARAGUA, PANAMA, AND PERU.

	<u>1969</u>	<u>1970</u>	<u>1971</u>	<u>1972</u>
FUNDS BUDGETED	\$ 163,684	\$ 245,379	\$ 308,039	\$ 292,398
% OF TOTAL BUDGET	0.6	0.8	1.0	0.9
PROFESSIONAL POSTS	7	6	7	6
CONSULTANT MONTHS	17	18	25	22
FELLOWSHIPS	24	35	42	40
SEMINAR PARTICIPANTS	10	-	37	-



0500 - LEPROSY

CONSIDERABLE CHANGE IN THE APPROACH TO LEPROSY CONTROL HAS TAKEN PLACE IN THE AMERICAS DURING THE PAST DECADE. COMPULSORY ISOLATION HAS BEEN REPLACED BY VOLUNTARY AND TEMPORARY HOSPITALIZATION OF QUALIFIED PATIENTS. TREATMENT IS NOW PREFERABLY GIVEN IN OUTPATIENT DEPARTMENTS OR AT HOME. THE REGULAR CONTROL OF PATIENTS AND THEIR CONTACTS IS AN ESSENTIAL ELEMENT IN CASE FINDING AND IN CHECKING TO SEE THAT THE CORRECT TREATMENT IS BEING GIVEN. THE PREVENTION OF DEFORMITIES AND THE TREATMENT OF PHYSICAL DISABILITIES, AS WELL AS PHYSICAL, SOCIAL, EMOTIONAL, AND OCCUPATIONAL REHABILITATION, ARE ACCEPTED COMPONENTS OF LEPROSY CONTROL PROGRAMS.

FURTHERMORE, AS TIME GOES ON LEPROSY IS BEGINNING TO BE ACCEPTED AS JUST ANOTHER INFECTIOUS DISEASE, AND, IN LINE WITH THAT ATTITUDE, THE PRINCIPLES GOVERNING THE CONTROL OF OTHER COMMUNICABLE DISEASES ARE BEING APPLIED TO LEPROSY. LEPROSY EXISTS IN ALL THE COUNTRIES OF THE AMERICAS, BUT ITS PREVALENCE VARIES FROM COUNTRY TO COUNTRY. ALL OF THEM ARE OPERATING CONTROL PROGRAMS, THE SCOPE AND EFFICIENCY OF WHICH VARY.

PAHO/WHO HAS ASSISTED THE COUNTRIES AND TERRITORIES OF THE AMERICAS IN STUDYING THE LEPROSY PROBLEM AND IN PREPARING CONTROL PROGRAMS. AT THE SAME TIME, IT HAS PROVIDED TECHNICAL ADVISORY SERVICES IN VARIOUS FACETS AND PHASES OF THESE PROGRAMS. IT HAS ASSISTED WITH PERSONNEL TRAINING BY PROVIDING SPECIALIZED CONSULTANTS, LOCAL COURSES, FELLOWSHIPS FOR TRAINING ABROAD, AND TRAVEL GRANTS. IT HAS ORGANIZED COURSES ON THE PREVENTION OF DEFORMITIES AND THE PHYSICAL REHABILITATION OF LEPROSY PATIENTS, WITH EMPHASIS ON THE USE OF NON-SURGICAL METHODS. HANDBOOKS ON THIS SUBJECT HAVE BEEN TRANSLATED FROM ENGLISH INTO SPANISH AND DISTRIBUTED TO THE COUNTRIES.

OBSERVATION OF LEPROSY CONTROL PROGRAMS HAS DISCLOSED A NUMBER OF DEFICIENCIES IN THEIR ADMINISTRATION, THE SERIOUSNESS OF WHICH THREATENS THE VERY EXISTENCE OF CONTROL PROGRAMS. IN ORDER TO HIGHLIGHT THIS PROBLEM, A SEMINAR WAS ORGANIZED IN 1963 DEALING WITH VARIOUS ASPECTS OF THE ADMINISTRATION OF LEPROSY CONTROL PROGRAMS. IN 1964 THE GOVERNMENTS OF ARGENTINA, ECUADOR, AND VENEZUELA AGREED TO PUT INTO PRACTICE IN ALL OR PART OF THEIR PROGRAMS THE RECOMMENDATIONS OF THE 1963 SEMINAR AND TO REPORT ON THEIR EXPERIENCE WITH THESE METHODS AT THE NEXT INTERNATIONAL MEETING TO BE ORGANIZED BY PAHO/WHO. IN 1968 A SEMINAR ON ADMINISTRATIVE METHODS FOR LEPROSY CONTROL PROGRAMS WAS HELD, AND THE THREE ABOVE-MENTIONED COUNTRIES DELIVERED REPORTS ON THEIR EXPERIENCE IN THE COURSE OF THE FOUR YEARS DURING WHICH THEY APPLIED A SET OF ADMINISTRATIVE METHODS WHICH DIFFERED FROM THOSE TRADITIONALLY USED. IN THE LIGHT OF THESE REPORTS, THE VARIOUS TOPICS OF THE SEMINAR, WHICH CONCERNED THE ADMINISTRATION OF LEPROSY CONTROL PROGRAMS, WERE DISCUSSED, IN PARTICULAR THE ORGANIZATION OF A DATA RECORDING SYSTEM, ANALYSIS AND SELECTION OF WORK METHODS, ANALYSIS OF AVAILABLE RESOURCES, DETERMINATION OF OBJECTIVES AND SCHEDULE OF OPERATION, ORGANIZATION AND STRUCTURE, EVALUATION, PROFESSIONAL EDUCATION AND PERSONNEL TRAINING, HEALTH EDUCATION, AND PUBLIC INFORMATION.

IN ADDITION TO THE SHORT-TERM CONSULTANTS WHO HAVE ASSISTED THE COUNTRIES, PERMANENT STAFF MEMBERS SPECIALIZED IN LEPROSY AND ATTACHED BOTH TO THE ZONE OFFICES AND TO HEADQUARTERS HAVE ASSISTED VARIOUS PROGRAMS OVER THE YEARS. MATERIALS HAVE ALSO BEEN SUPPLIED TO SOME OF THE PROGRAMS, AND THE ASSISTANCE OF OTHER INTERNATIONAL AGENCIES HAS BEEN OBTAINED FOR THAT PURPOSE.

RESEARCH ON LEPROSY HAS BEEN ENCOURAGED, AND A SERIES OF REPORTS ON THE SUBJECT HAVE BEEN SUBMITTED TO THE ADVISORY COMMITTEE ON MEDICAL RESEARCH OF PAHO/WHO. SUPPORT HAS BEEN GIVEN TO SEVERAL INVESTIGATORS IN THE HEMISPHERE BOTH IN THE PREPARATION OF THEIR RESEARCH PROGRAMS AND IN THE CONDUCT OF THOSE PROGRAMS. APPLIED RESEARCH IN THE FIELDS OF EPIDEMIOLOGY, SOCIOLOGY, AND ADMINISTRATION HAS BEEN INITIATED AND IS MAKING SATISFACTORY PROGRESS.

	<u>1969</u>	<u>1970</u>	<u>1971</u>	<u>1972</u>
FUNDS BUDGETED	\$ 39,993	\$ 69,050	\$ 75,884	\$ 108,186
% OF TOTAL BUDGET	0.1	0.2	0.2	0.3
PROFESSIONAL POSTS	3	2	2	2
CONSULTANT MONTHS	-	2	4	6
FELLOWSHIPS	1	2	-	14

0600 - VENEREAL DISEASES

YAWS IS STILL PRESENT IN CERTAIN AREAS OF THE CARIBBEAN REGION AND IN SOME COUNTRIES OF SOUTH AMERICA.

WITH THE ADOPTION OF RESOLUTION XLI BY THE PAN AMERICAN SANITARY CONFERENCE (SANTIAGO, CHILE, 1954), CONSIDERABLE INTEREST WAS DEVELOPED AMONG THE COUNTRIES AND TERRITORIES IN THE CARIBBEAN AREA FOR THE ERADICATION OF YAWS. PAHO/WHO, WITH UNICEF ASSISTANCE, HAS COLLABORATED WITH SEVERAL COUNTRIES AND TERRITORIES IN PROGRAMS FOR THE ERADICATION OF THIS DISEASE.

THE ERADICATION PROGRAM IN HAITI, WHICH ACHIEVED A REMARKABLE DEGREE OF SUCCESS, WAS DISCONTINUED AS AN INDEPENDENT PROGRAM AND INCORPORATED INTO THE NORMAL PUBLIC HEALTH SERVICE PROGRAM. SINCE THAT TIME, NEW CASES OF YAWS APPEARED IN DIFFERENT PARTS OF THE COUNTRY. BECAUSE OF THE SERIOUSNESS OF THIS SITUATION, A STUDY WAS MADE TO DETERMINE THE ACTUAL STATUS OF THE DISEASE AND THE STEPS TO BE ADOPTED IN ORDER TO STOP THE SPREADING OF YAWS AND TO COMPLETE ITS ERADICATION. AS A RESULT, A NEW PROGRAM HAS BEEN ESTABLISHED BY THE GOVERNMENT, WITH THE COOPERATION OF THE ORGANIZATION.

IN THE DOMINICAN REPUBLIC, A COMBINED PROGRAM FOR ERADICATION OF YAWS AND CONTROL OF VENEREAL DISEASES WAS CARRIED OUT IN THE PAST. PAHO/WHO COLLABORATED WITH TECHNICAL STAFF AND EQUIPMENT. IN 1963, THE PROGRAM WAS DISCONTINUED AND THE ACTIONS HAVE NOT BEEN RENEWED. IN THE DOMINICAN REPUBLIC, IT IS NECESSARY TO MAKE A STUDY TO DETERMINE, AS IN HAITI, THE PRESENT SITUATION OF YAWS AND THE ACTION TO BE ADOPTED FOR ITS ERADICATION. THIS STUDY WILL BE CARRIED OUT AS SOON AS THE GOVERNMENT OF THE DOMINICAN REPUBLIC APPROVES IT.

VENEREAL DISEASE CONTINUES TO BE AN IMPORTANT COMMUNICABLE DISEASE PROBLEM IN ALL THE COUNTRIES OF THE AMERICAS. SYPHILIS AND GONORRHEA CONSISTENTLY RANK AMONG THE TEN NOTIFIABLE DISEASES FOR AMERICAN COUNTRIES.

THE COUNTRIES OF THE AMERICAS ARE SHOWING INCREASING INTEREST IN THE PROBLEM OF VENEREAL DISEASES AND ARE REQUESTING THE COLLABORATION OF THE ORGANIZATION, ESPECIALLY IN LABORATORY DIAGNOSIS, THE ORGANIZATION OF CONTROL PROGRAMS, AND THE TRAINING OF PERSONNEL. A COMPLETE STUDY OF THE VENEREAL DISEASE PROBLEM WAS DONE BY PAHO CONSULTANTS IN PANAMA AND TRINIDAD AND TOBAGO IN 1967 AND 1968, AND A CONTROL PROGRAM WAS PREPARED IN BOTH COUNTRIES.

VENEREAL DISEASE CONTROL PROGRAMS ARE BEING DEVELOPED IN CHILE AND CUBA. IN 1966 TWO COURSES ON LABORATORY DIAGNOSIS OF VENEREAL DISEASE WERE HELD IN CHILE AND TWO IN ARGENTINA. IN 1969 A COURSE FOR CONTACT INVESTIGATORS TOOK PLACE IN COLOMBIA. THE PAN AMERICAN HEALTH ORGANIZATION IS ASSISTING THE COUNTRIES OF THE AMERICAS WITH TECHNICAL PERSONNEL AND WITH FELLOWSHIPS FOR TRAINING AND EDUCATION.

	1969	1970	1971	1972
FUNDS BUDGETED	\$ 6,126	\$ 39,525	\$ 44,178	\$ 52,605
% OF TOTAL BUDGET	"	0.1	0.1	0.1
PROFESSIONAL POSTS	1	1	1	1
CONSULTANT MONTHS	4	8	7	10
FELLOWSHIPS	-	4	6	5

"LESS THAN 0.05 PERCENT.

#### 0700 - ZOONOSES

OF THE KNOWN ZOONOSES - THOSE DISEASES AND CONDITIONS WHICH ARE NATURALLY TRANSMISSIBLE FROM ANIMAL TO MAN - THE MOST IMPORTANT IN THE AMERICAS ARE RABIES, BRUCELLOSIS, BOVINE TUBERCULOSIS, AND HYDATIDOSIS, WHICH CAUSE BOTH HUMAN CASES AND EXTENSIVE ECONOMIC LOSSES IN A NUMBER OF AREAS. ALSO PRESENT ARE SALMONELLOSIS, TRICHINOSIS, ANTHRAX, VIRAL ENCEPHALITIS, Q FEVER, LEPTOSPIROSIS, AND OTHERS WHICH PRODUCE LARGE SOCIOECONOMIC BURDENS AND MUCH HUMAN DISEASE IN MANY COUNTRIES. THE LACK OF SPECIFIC INFORMATION ON THE INCIDENCE AND PREVALENCE OF THE ZOONOSES REVEALS THE LACK OF ADEQUATELY TRAINED PERSONNEL AND OF SUITABLE LABORATORY, EPIDEMIOLOGICAL, AND CONTROL SERVICES TO PERMIT A FACTUAL EVALUATION OR CONTROL OF THESE PROBLEMS.

THE ORGANIZATION COOPERATES IN PROGRAMS TO CREATE, EXPAND, AND IMPROVE THE NATIONAL SERVICES AT ALL LEVELS INVOLVED IN THE ASSESSMENT, CONTROL, AND PREVENTION OF ZOO NOTIC PROBLEMS, AND TO HELP WITH PROGRAMS AGAINST CERTAIN ZOONOSES, ESPECIALLY RABIES. INCLUDED IN THE FORMER ARE SERVICES IN EPIDEMIOLOGY AND DISEASE-REPORTING, DIAGNOSTIC SERVICES, PRODUCTION AND CONTROL OF BIOLOGICALS, CONTROL AND PREVENTIVE PROGRAMS, TRAINING OF PERSONNEL, AND RESEARCH.

IN THE PAST DECADE, ALL MINISTRIES OF HEALTH HAVE ESTABLISHED UNITS RESPONSIBLE FOR ZOONOSES CONTROL, AND SUBSEQUENTLY DISEASE OCCURRENCE DATA IS BEING EXCHANGED BETWEEN THE MINISTRIES OF HEALTH AND AGRICULTURE. MANY CASES OF HUMAN DISEASE PREVIOUSLY ATTRIBUTED TO OBSCURE OR INCORRECT CAUSES ARE NOW BEING PROPERLY DIAGNOSED AS SPECIFIC ZOONOSES. STANDARDIZED BIOLOGIC REAGENTS FROM THE PAN AMERICAN ZOONOSES CENTER ASSIST IN THIS ACHIEVEMENT. CONTROL PROGRAMS FOR MAJOR ZOONOSES HAVE BEEN STARTED AND FOR SOME, ESPECIALLY RABIES, THE INCIDENCE HAS BEEN REDUCED, ALTHOUGH FROM TIME TO TIME EPIDEMICS OCCUR. AN IMPROVEMENT HAS BEEN RECORDED IN THE QUANTITY AND QUALITY OF BIOLOGICALS. THE GREATEST GAINS HAVE BEEN IN THE FIELD OF EDUCATION, BOTH IN PROFESSIONAL COURSES AND IN SPECIALIZED TRAINING ACTIVITIES.

IN AN EFFORT TO MEET THE NEEDS FOR ASSISTANCE, EPIDEMIOLOGISTS AND VETERINARY PUBLIC HEALTH ADVISORS ARE PROVIDED AT PROJECT AND ZONE LEVELS. SOME SPECIFIC PROJECTS FOR RABIES CONTROL PROVIDE CONSULTANTS, FELLOWSHIPS, AND SOME SUPPLIES AND EQUIPMENT.

THE PAN AMERICAN ZOONOSES CENTER, ESTABLISHED BY THE ORGANIZATION IN 1956 TO ASSIST THE MEMBER GOVERNMENTS IN THIS FIELD, HAS EXPANDED ITS ACTIVITIES DURING RECENT YEARS WITH AN INCREASE OF PERSONNEL AND EQUIPMENT MADE POSSIBLE WITH THE ASSISTANCE OF FUNDS FROM THE UNITED NATIONS DEVELOPMENT PROGRAM, AND WITH THE ENLARGEMENT OF PHYSICAL FACILITIES FOR WHICH THE HOST GOVERNMENT OF ARGENTINA HAS PROVIDED LAND AND BUILDINGS, AS WELL AS FUNDS FOR LOCAL PERSONNEL. THE CENTER PROVIDES TRAINING FOR FIELD AND LABORATORY PERSONNEL WORKING IN ZOONOSES IN THE HEALTH AND AGRICULTURAL AGENCIES OF THE COUNTRIES; ADVISES THE COUNTRIES IN PREVENTION, DIAGNOSTIC, AND CONTROL ACTIVITIES OF ZOONOSES; AND CONDUCTS RESEARCH OF AN APPLIED NATURE UNDERTAKEN WITH THE INTENTION OF PROVIDING FACTS NEEDED FOR PLANNING AND EXECUTING CONTROL AND PREVENTION ACTIVITIES.

	1969	1970	1971	1972
FUNDS BUDGETED	\$1,236,032	\$1,274,584	\$1,181,563	\$1,107,311
% OF TOTAL BUDGET	4.9	4.2	3.9	3.6
PROFESSIONAL POSTS	25	25	24	18
CONSULTANT MONTHS	32	16	8	20
FELLOWSHIPS	9	15	12	11
SEMINAR PARTICIPANTS	103	30	-	60

#### 0800 - FOOT-AND-MOUTH DISEASE

FOOT-AND-MOUTH DISEASE CAUSES SEVERE ECONOMIC LOSSES TO THE LIVESTOCK INDUSTRY OF THE COUNTRIES OF SOUTH AMERICA WITH RESULTANT LOSS OF ANIMAL PROTEIN VITALLY NEEDED IN HUMAN NUTRITION. THE COUNTRIES OF CENTRAL AND NORTH AMERICA AND THE CARIBBEAN ARE FREE OF THE DISEASE. CONTROL OF THE SOURCES OF INFECTION AND PREVENTION OF REENTRY ARE THE MEANS OF PERMANENT PROTECTION.

TO AID IN THE SOLUTION OF THIS PROBLEM, THE PAN AMERICAN FOOT-AND-MOUTH DISEASE CENTER WAS ESTABLISHED IN 1951 IN BRAZIL AND FUNCTIONS AS AN INTEGRAL SECTION OF THE ORGANIZATION, WITH FINANCIAL SUPPORT FROM THE MEMBER GOVERNMENTS. IN ADDITION, THE HOST GOVERNMENT OF BRAZIL PROVIDES LAND AND BUILDINGS, FUNDS FOR UTILITIES, AND SOME LOCAL LABOR.

THE CENTER TRAINS FIELD AND LABORATORY PERSONNEL WORKING ON FOOT-AND-MOUTH DISEASE; PROVIDES DIAGNOSTIC AND VIRUS-TYPING SERVICES; ADVISES ON PREVENTION, DIAGNOSIS, CONTROL, AND ERADICATION OF FOOT-AND-MOUTH AND RELATED DISEASES; PROVIDES THE INTERNATIONAL COORDINATION AND COLLABORATION NECESSARY FOR SUCCESSFUL INTERCOUNTRY AND REGIONAL ACTIVITIES; AND CONDUCTS RESEARCH IN DEVELOPMENT OF BETTER VACCINES AGAINST FOOT-AND-MOUTH DISEASE, IN IMPROVEMENT OF METHODS OF DIAGNOSIS AND VIRUS-TYPING, IN BASIC STUDIES OF OTHER VESICULAR DISEASES, AND IN MAKING EPIZOOTIOLOGICAL STUDIES. THE CENTER HAS CONDUCTED A NUMBER OF COURSES AND SEMINARS FOR PERIODS UP TO TWO MONTHS, WHICH COVERED BOTH SPECIFIC PROBLEMS AND GENERAL LABORATORY WORK.

RESEARCH ACTIVITIES ARE YIELDING RESULTS OF PRACTICAL VALUE IN THE SELECTION OF VIRUS STRAINS FOR VACCINE PREPARATION. A SERIES OF STRAINS IS NOW AVAILABLE, AND RAPID PROGRESS IS BEING MADE IN THE DEVELOPMENT OF A MODIFIED LIVE-VIRUS VACCINE WITH THE THREE TYPES OF VIRUS OCCURRING IN SOUTH AMERICA. THE INVESTIGATION IS BEING GIVEN THE HIGHEST PRIORITY. VENEZUELA AND ECUADOR ARE ALREADY PRODUCING THE TYPE A LIVE-VIRUS VACCINE DEVELOPED BY THE CENTER FOR MASS VACCINATION CONTROL PROGRAMS.

IN RECENT YEARS, THERE HAS BEEN AN INCREASING RECOGNITION, AT THE NATIONAL AND INTERNATIONAL LEVELS, OF THE JUSTIFICATION AND NECESSITY FOR MORE EFFECTIVE ACTION AGAINST FOOT-AND-MOUTH DISEASE. COUNTRIES ARE MORE AWARE OF THE NEED FOR NATIONAL CAMPAIGNS, WITH THE IDEA OF FUTURE INTEGRATION INTO MULTINATIONAL PROGRAMS. INTERNATIONAL FINANCING AGENCIES HAVE EXPRESSED THEIR WILLINGNESS TO COOPERATE IN THE FINANCIAL SUPPORT OF THESE CAMPAIGNS, AND THE CENTER IS PROVIDING CONSULTATION AND ASSISTANCE TO THE COUNTRIES TO THE FULLEST EXTENT POSSIBLE, TO PREPARE THEIR NATIONAL CAMPAIGN PLANS. CENTER STAFF MEMBERS ARE STATIONED IN COLOMBIA, PANAMA, PERU, AND VENEZUELA FOR INCREASED ASSISTANCE TO THESE AND NEIGHBORING COUNTRIES.

SPECIAL ADVISORY SERVICES ARE BEING PROVIDED TO ARGENTINA, BRAZIL, CHILE, COLOMBIA, ECUADOR, AND PARAGUAY, WHERE FOOT-AND-MOUTH DISEASE ERADICATION PROGRAMS HAVE BEEN INITIATED, IN THE PREPARATION OF THEIR NATIONAL CAMPAIGN PLANS AND LOAN REQUESTS, AND TO A SPECIAL BORDER PROGRAM FOR COLOMBIA AND VENEZUELA.

	<u>1969</u>	<u>1970</u>	<u>1971</u>	<u>1972</u>
FUNDS BUDGETED	\$1,076,215	\$1,320,716	\$1,405,034	\$1,545,537
% OF TOTAL BUDGET	4.3	4.3	4.6	5.0
PROFESSIONAL POSTS	26	26	26	26
CONSULTANT MONTHS	7	3	3	3
FELLOWSHIPS	34	43	58	44

#### 0900 - OTHER COMMUNICABLE DISEASES

CERTAIN VECTOR-BORNE AND INTERMEDIATE-HOST DISEASES ARE OF MAJOR IMPORTANCE IN THE AMERICAS. IN THE LAST FEW YEARS A GREATLY EXPANDED INTEREST HAS DEVELOPED IN THESE DISEASE PROBLEMS, AND INCREASING AMOUNTS OF APPLIED RESEARCH HAVE BEEN UNDERTAKEN. A MONOGRAPH HAS BEEN PREPARED ON PLAGUE IN THE AMERICAS, CONTAINING INFORMATION ON THE PRESENT STATUS OF THE DISEASE IN EACH AFFECTED COUNTRY, AND HAS GIVEN GUIDANCE FOR THE DEVELOPMENT OF ECOLOGICAL STUDIES IN EACH OF THE MAIN KNOWN PLAGUE FOCI. PLANS ARE WELL ADVANCED FOR A LARGE-SCALE RESEARCH AND CONTROL PROGRAM IN THE PLAGUE AREA IN ECUADOR AND PERU, AND A SIMILAR PROGRAM HAS BEEN UNDER WAY IN BRAZIL.

PLAGUE IS ENZOOTIC IN ARGENTINA, BOLIVIA, BRAZIL, ECUADOR, PERU, THE UNITED STATES OF AMERICA, AND VENEZUELA AND REPRESENTS A CONSTANT THREAT IN THEIR SEAPORTS. THE INCREASED INCIDENCE OF THE DISEASE IN THE LAST FEW YEARS IN BOLIVIA, BRAZIL, ECUADOR, AND PERU IS A CAUSE FOR CONCERN FOR THE HEALTH AUTHORITIES OF THOSE COUNTRIES AS WELL AS FOR THE ORGANIZATION. IN 1966, 897 CASES OF PLAGUE WERE REPORTED TO PAHO.

IN AN EFFORT TO GAIN MORE KNOWLEDGE ABOUT THESE DISEASES WHICH MIGHT LEAD TO THEIR MORE EFFECTIVE CONTROL, THE ORGANIZATION HAS CONDUCTED NUMEROUS TECHNICAL MEETINGS TO EVALUATE THE TOTAL PROBLEMS AND TO FOCUS INTEREST AND ATTENTION ON SPECIFIC ASPECTS. CONSULTANTS AND FELLOWSHIPS HAVE ENABLED COUNTRIES TO IMPROVE NATIONAL SERVICES DEVOTED TO THESE DISEASES. STIMULATION, GUIDANCE, AND COORDINATION ARE THE MEANS OF PROMOTING RESEARCH STUDIES.

CONSULTANT SERVICES AND FELLOWSHIPS ARE PROVIDED IN ORDER TO IMPROVE SPECIALIZED ATTENTION TO THESE DISEASES.

	<u>1969</u>	<u>1970</u>	<u>1971</u>	<u>1972</u>
FUNDS BUDGETED	\$ 70,809	\$ 63,931	\$ 32,324	\$ 41,415
% OF TOTAL BUDGET	0.2	0.2	0.1	0.1
PROFESSIONAL POSTS	3	3	1	2
CONSULTANT MONTHS	4	5	7	6

#### 1000 - PARASITIC DISEASES

THE PARASITIC DISEASES ARE AMONG THE MOST IMPORTANT PUBLIC HEALTH PROBLEMS OF THE AMERICAS. ALTHOUGH THERE IS AN INCREASING AWARENESS OF THEIR IMPORTANCE AND AN INCREASING INTEREST IN THEIR CONTROL, THESE DISEASES ARE UNCONTROLLED IN MOST COUNTRIES AND RECEIVE MUCH LESS ATTENTION THAN THEY DESERVE. THE PARASITES AFFECT A LARGE PROPORTION OF THE POPULATION IN THE AMERICAS. SOME CAUSE GRAVE ILLNESS AND DEATH, WHILE OTHERS CAUSE DEBILITY AND DECREASED PRODUCTIVITY. THUS, IN ADDITION TO THEIR EFFECT ON HEALTH, THEY ARE OFTEN IMPORTANT FACTORS IN HAMPERING ECONOMIC DEVELOPMENT.

THE MAGNITUDE OF THE PARASITIC DISEASE PROBLEM IS EVIDENT FROM RECORDS OF PREVALENCE OF INFECTION AND PREVALENCE OF ILLNESS CAUSED BY THEM. IN A RECENT REPORT, THE NUMBER OF PERSONS IN THE AMERICAS WITH SCHISTOSOMIASIS WAS STATED TO BE OVER 6 MILLION. OF THESE, ABOUT 1.5 MILLION ARE PARTIALLY DISABLED BY THE DISEASE AND ABOUT 119,000 ARE TOTALLY DISABLED. AT LEAST 7 MILLION PERSONS HAVE CHAGAS' DISEASE, AND PERHAPS 1 MILLION OF THESE HAVE CARDIOPATHY DUE TO THE INFECTION. LEISHMANIASIS, TOXOPLASMOSES, AMEBIASIS, TAPEWORM INFECTIONS, INTESTINAL ROUNDWORM INFECTIONS, AND OTHER PARASITIC INFECTIONS ADD TO THE ENORMOUS RECORD OF PARASITISM IN THE HEMISPHERE.

SCHISTOSOMIASIS OCCURS IN SEVERAL ISLANDS OF THE CARIBBEAN, IN VENEZUELA, IN SURINAM, AND IN BRAZIL, WHERE IT MAY BE THE LARGEST PUBLIC HEALTH PROBLEM AND IS CONSTANTLY ON THE INCREASE. CONTROL OF THE DISEASE IS POSSIBLE WITH EXISTING MOLLUSCICIDES, AND NEW DRUGS OFFER HOPE OF MORE EFFECTIVE THERAPY. THE ORGANIZATION'S PROGRAM SEEKS TO AID COUNTRIES TO DEVELOP IMPROVED CONTROL PROGRAMS AND TO IMPROVE THEIR KNOWLEDGE OF THE DISEASE. A SCHISTOSOMIASIS SNAIL IDENTIFICATION CENTER FOR THE AMERICAS IN BRASILIA HAS THE ORGANIZATION'S SUPPORT.

CHAGAS' DISEASE OCCURS IN ESSENTIALLY ALL COUNTRIES OF THE AMERICAS AND IS KNOWN TO BE A MAJOR PROBLEM IN AT LEAST SIX OF THEM. IN OTHER COUNTRIES ITS SIGNIFICANCE REMAINS TO BE MEASURED. HOUSE SPRAYING WITH INSECTICIDE CONTROLS THE DISEASE, BUT THERE IS NO SATISFACTORY TREATMENT FOR THE INFECTION. THE ORGANIZATION IS SEEKING TO PROMOTE BETTER NATIONAL PROGRAMS TO STUDY THE IMPORTANCE OF THE DISEASE AND TO CONTROL IT. INDIVIDUAL LABORATORIES ARE RECEIVING SUPPORT FOR RESEARCH PROJECTS; A COLLABORATIVE STUDY TO DEVELOP A BETTER DIAGNOSTIC ANTIGEN IS UNDER WAY; AND A BIBLIOGRAPHY OF THE DISEASE IS BEING PREPARED.

IT IS HOPED THAT INCREASED ATTENTION CAN BE GIVEN IN THE NEAR FUTURE TO THE OTHER PARASITIC INFECTIONS, ESPECIALLY AMEBIASIS, TOXOPLASMOSES, AND INTESTINAL WORM INFECTIONS.

	<u>1969</u>	<u>1970</u>	<u>1971</u>	<u>1972</u>
FUNDS BUDGETED	\$ 77,713	\$ 70,302	\$ 74,238	\$ 90,575
% OF TOTAL BUDGET	0.3	0.2	0.2	0.2
PROFESSIONAL POSTS	1	1	1	1
CONSULTANT MONTHS	10	16	18	18
FELLOWSHIPS	-	-	-	5

#### B. ENVIRONMENTAL SCIENCES

##### 2100 - GENERAL

ACTION PROGRAMS TO IMPROVE SANITATION ARE UNDER WAY THROUGHOUT THE AMERICAS. DIARRHEAL AND RELATED DISEASES ARE AMONG THE LEADING CAUSES OF DEATH IN MOST COUNTRIES AND ARE SIGNIFICANT FACTORS IN THE HIGH RATES OF INFANT MORTALITY. PRACTICAL AND SIMPLE IMPROVEMENTS IN BASIC SANITATION ARE THE GREAT NEED. IN MOST COUNTRIES SIGNIFICANT PROGRESS IS BEING MADE. MAN'S PHYSICAL ENVIRONMENT AND RELATIONSHIPS ARE UNDERGOING RAPID AND PROFOUND CHANGES. PERTINENT INFLUENCES INCLUDE POPULATION GROWTH, THE SPEED OF TRAVEL, THE INTERMINGLING OF PEOPLES, INCREASED URBANIZATION, AND INDUSTRIALIZATION. TO MEET THE GROWING PROBLEMS ASSOCIATED WITH THESE CHANGES AND TO SUSTAIN PROGRESS, SANITATION MUST BECOME AN ESTABLISHED WAY OF LIFE - UNDERSTOOD, SUPPORTED, AND PRACTICED BY ALL PEOPLES. THE HEALTH STRUCTURE, INCLUDING ITS TECHNICAL GUIDANCE, MUST SUPPORT THE NEEDS OF THE PEOPLE WITH SANITATION FACILITIES GEARED TO THE ECONOMICS OF THE AREAS. THE MORE PRESSING SANITATION NEEDS ARE COMMUNITY WATER SUPPLIES, SAFE DISPOSAL OF HUMAN WASTES, FOOD SANITATION, IMPROVED HOUSING (INCLUDING VECTOR CONTROL), COLLECTION AND DISPOSAL OF SOLID WASTES, AND URBANIZATION AND INDUSTRIALIZATION PROCESSES, WITH THEIR CORRESPONDING WATER AND AIR POLLUTION PROBLEMS. WITH URBAN EXPANSION AND ECONOMIC GROWTH, THE PROBLEMS OF THE ENVIRONMENT ARE BECOMING MORE COMPLEX, AND THIS IN TURN REQUIRES THE DEVELOPMENT OF NEW AND MORE IMAGINATIVE APPROACHES TO THEIR SOLUTION.

THE ORGANIZATION IS COOPERATING WITH MINISTRIES OF HEALTH AND OTHER AGENCIES OF MEMBER GOVERNMENTS IN THE PLANNING, DEVELOPMENT, AND EXECUTION OF ENVIRONMENTAL SANITATION PROGRAMS. TECHNICAL ADVICE IS PROVIDED THROUGH ITS ENGINEERS IN ZONE OFFICES AND THOSE ASSIGNED TO COUNTRIES. THESE TECHNICAL SERVICES ARE SUPPLEMENTED BY SHORT-TERM CONSULTANTS FOR SPECIALIZED WORK. OTHER TECHNICAL SUPPORT INCLUDES SPONSORSHIP OF SEMINARS, CONFERENCES, AND EXPERT GROUPS. DISSEMINATION OF TECHNICAL MATERIALS REPRESENTS ANOTHER GROWING SERVICE OF THE ORGANIZATION. PAHO ADVISES MEMBER GOVERNMENTS ON THE AVAILABILITY OF RESOURCES FROM OTHER INTERNATIONAL AGENCIES AND INSTITUTIONS AND, WHEN REQUESTED, ASSISTS MEMBER GOVERNMENTS IN PREPARING SUITABLE PROPOSALS AND PROJECTS TO MAKE EFFECTIVE USE OF SUCH RESOURCES. SPECIAL ATTENTION AND SUPPORT IS GIVEN TO STRENGTHENING THE EDUCATION AND TRAINING FACILITIES AND PROGRAMS IN LATIN AMERICA, FOR WHICH OBJECTIVES AND PROGRESS ARE SUMMARIZED UNDER SECTION III, "DEVELOPMENT OF EDUCATIONAL INSTITUTIONS." THE BUILD-UP OF ENGINEERING EDUCATIONAL INSTITUTIONS PROVIDES A STRONGER BASIS FOR ESSENTIAL APPLIED RESEARCH ON ENVIRONMENTAL PROBLEMS IN LATIN AMERICA. THE RESEARCH PROGRAM RECEIVED INCREASED ATTENTION IN THE PAST YEARS AND WILL BE EXPANDED SIGNIFICANTLY IN THE COMING YEARS.

	<u>1969</u>	<u>1970</u>	<u>1971</u>	<u>1972</u>
FUNDS BUDGETED	\$ 621,001	\$ 830,194	\$ 971,763	\$1,038,756
% OF TOTAL BUDGET	2.5	2.7	3.2	3.3
PROFESSIONAL POSTS	41	43	46	46
CONSULTANT MONTHS	26	27	42	46
FELLOWSHIPS	43	33	41	47
SEMINAR PARTICIPANTS	10	-	39	27

#### 2200 - WATER SUPPLY

A SAFE AND ADEQUATE WATER SUPPLY IS A BASIC NECESSITY FOR THE HEALTH, ECONOMIC AND SOCIAL WELL-BEING, AND PROGRESS OF MAN. IN RECOGNITION OF THE NEEDS FOR WATER SUPPLY, THE GOVERNMENTS OF LATIN AMERICA, THROUGH THE CHARTER OF PUNTA DEL ESTE, ESTABLISHED GOALS TO BE MET DURING THE TEN-YEAR PERIOD ENDING IN 1971 (THE ALLIANCE DECADE). THIS EXTENSIVE PROGRAM TO MEET THE NEEDS FOR MORE THAN 110 MILLION PEOPLE IN URBAN AREAS AND SOME 64 MILLION IN RURAL AREAS IS MAKING SUBSTANTIAL PROGRESS.

CURRENTLY, THE URBAN WATER SUPPLY PROGRAM IS SLIGHTLY AHEAD OF SCHEDULE WITH RESPECT TO THE GOAL SET IN THE CHARTER OF PUNTA DEL ESTE. ABOUT 72 PER CENT OF THE URBAN POPULATION IS BEING SERVED THROUGH HOUSE CONNECTIONS OR PUBLIC HYDRANTS, BUT THE QUALITY OF SERVICE IS NOT UNIFORM AND THERE REMAINS THE NEED FOR UPGRADING SUCH SERVICE. DURING THE FOUR-YEAR PERIOD FROM 1968-1971, THE COUNTRIES PLAN TO IMPROVE EXISTING SERVICES AND ADD NEW SERVICES, SO THAT BY THE END OF THE PERIOD THE GOAL FOR THE URBAN POPULATION OF 70 PER CENT WILL BE REACHED FOR THE REGION AS A WHOLE, ON THE BASIS OF SERVICE PROVIDED BY HOUSE CONNECTIONS. SOME COUNTRIES WILL NOT APPROACH THIS FIGURE, WHILE OTHERS PLAN TO PROVIDE SERVICE FOR THE ENTIRE URBAN POPULATION BY THEN.

THE WATER SUPPLY NEEDS OF THE RURAL AREAS REQUIRE INCREASED INTENSIFICATION AND ACCELERATION IF THE GOALS ARE TO BE MET. CONSIDERABLE PROGRESS HAS BEEN MADE SINCE THE START OF THE ALLIANCE FOR PROGRESS DECADE, WHEN IT WAS ESTIMATED THAT 8 MILLION PEOPLE IN THE RURAL AREAS HAD WATER SUPPLY SERVICE, TO 1969, WHEN 20.2 MILLION PEOPLE WERE BEING SERVED BY HOUSE CONNECTIONS OR PUBLIC HYDRANTS. THE COUNTRIES PLAN TO PROVIDE SERVICES FOR AN ADDITIONAL 9 MILLION PEOPLE DURING THE REMAINDER OF THE DECADE, SO THAT BY THE END OF 1971 IT IS ESTIMATED THAT 23 PER CENT OF THE RURAL POPULATION WILL HAVE WATER SUPPLY SERVICES.

SPECIAL ATTENTION IS GIVEN IN EACH COUNTRY TO THE DEVELOPMENT OF SOUND INSTITUTIONS AND TO THE TRAINING OF ADEQUATE TECHNICAL AND MANAGEMENT PERSONNEL. IN MOST COUNTRIES, THE LEGAL QUESTIONS HAVE BEEN CLARIFIED AND ORGANIZATIONAL STRUCTURES ADJUSTED TO INSURE EFFICIENT OPERATION, MANAGEMENT, AND FINANCING OF COMMUNITY WATER SUPPLY SYSTEMS. AS THE MANAGEMENT OF THE WATER SUPPLY AUTHORITIES AND SYSTEMS BECOMES MORE COMPLICATED, THE ORGANIZATION HAS INCREASED ITS ASSISTANCE THROUGH GROUP CONSULTATION TO HELP IMPROVE THE ADMINISTRATIVE ORGANIZATION AND PROCEDURES.

THE ACCELERATED WATER SUPPLY PROGRAM FOR RURAL AREAS IS RECEIVING INCREASED ATTENTION BY THE MEMBER GOVERNMENTS AND STRONG SUPPORT BY THE ORGANIZATION. SPECIAL ATTENTION IS BEING GIVEN TO THE COMMUNITY DEVELOPMENT ASPECTS; THE CONCEPT OF SELF-HELP, INCLUDING CONSUMER PAYMENT TOWARDS CAPITAL COSTS AS WELL AS FOR OPERATION AND MANAGEMENT; THE USE OF REALISTIC AND PRACTICAL DESIGNS; AND GREATER LOCAL PARTICIPATION IN MANAGEMENT, OPERATIONS, AND FINANCING. ALSO ENCOURAGED IS THE ESTABLISHMENT BY GOVERNMENTS OF REVOLVING FUND MECHANISMS TO SUSTAIN AND EXPAND THE RURAL WATER SUPPLY PROGRAMS. A MANUAL ON THE ESTABLISHMENT AND OPERATION OF REVOLVING FUNDS WAS ISSUED IN 1969 AND SHOULD BE OF ASSISTANCE IN SETTING UP REVOLVING FUNDS. SEVERAL COUNTRIES ARE ACQUIRING EXPERIENCE WITH THE FUNDS.

COLLABORATION WITH THE INTERNATIONAL LENDING AGENCIES IS BEING PROVIDED, PARTICULARLY WITH THE INTER-AMERICAN DEVELOPMENT BANK, WHICH IS EFFECTIVELY SUPPORTING THE COMMUNITY WATER SUPPLY PROGRAM. UP TO 31 DECEMBER 1969 THE IDB HAD LOANED OVER \$462.3 MILLION FOR SUCH PROGRAMS. OTHER INTERNATIONAL AGENCIES HAVE LOANED \$174 MILLION. THE COUNTRIES THEMSELVES HAVE ALLOCATED SOME \$1,052 MILLION IN LOCAL FUNDS. THUS FAR IN THE ALLIANCE DECADE, A TOTAL OF ABOUT \$1,688 MILLION HAS BEEN MADE AVAILABLE FOR COMMUNITY WATER SUPPLY PROGRAMS IN LATIN AMERICA, ABOUT 17 PER CENT OF WHICH HAS BEEN FOR SEWERAGE SYSTEMS.

THE ORGANIZATION HAS PARTICIPATED ACTIVELY IN THE MANY PHASES OF THE WATER SUPPLY AND SEWERAGE DISPOSAL PROGRAMS AND HAS EXPANDED ITS ACTIVITIES MATERIALLY DURING THE DECADE. IN 1961 THE ORGANIZATION HAD THREE SANITARY ENGINEERS ASSIGNED FULL-TIME TO WATER SUPPLY PROJECTS AND SEVENTEEN ENGINEERS ASSIGNED TO ENVIRONMENTAL SANITATION PROJECTS DEVOTING SOME TIME TO THE WATER SUPPLY PROGRAMS. IN 1969 THERE WERE 10 SANITARY ENGINEERS ASSIGNED TO WATER SUPPLY PROJECTS AND AN ADDITIONAL 32 ENGINEERS WHO SPENT AT LEAST HALF THEIR TIME ON WATER SUPPLY PROJECTS. THESE ACTIVITIES WERE SUPPLEMENTED BY A NUMBER OF SHORT-TERM CONSULTANTS.

	<u>1969</u>	<u>1970</u>	<u>1971</u>	<u>1972</u>
FUNDS BUDGETED	\$ 980,107	\$1,605,299	\$1,417,918	\$1,413,559
% OF TOTAL BUDGET	3.9	5.3	4.7	4.6
PROFESSIONAL POSTS	17	22	22	21
CONSULTANT MONTHS	72	147	146	118
FELLOWSHIPS	27	51	69	50
SEMINAR PARTICIPANTS	-	30	-	91

#### 2300 - Aedes Aegypti Eradication

THE EXISTENCE OF JUNGLE YELLOW FEVER IN THE WESTERN HEMISPHERE, SINCE THE DISEASE CANNOT BE ERADICATED, POSES A PERMANENT THREAT TO ANY COUNTRY OF THE AMERICAS INFESTED WITH Aedes Aegypti. THIS MOSQUITO ALSO TRANSMITS DENGUE AND DENGUE HEMORRHAGIC FEVER. VARIOUS COUNTRIES AND TERRITORIES IN THE WESTERN HEMISPHERE ARE AFFECTED PERIODICALLY BY OUTBREAKS OF DENGUE FEVER. ALTHOUGH THIS DISEASE IS USUALLY BENIGN, IT MAY AFFECT NORMAL ECONOMIC ACTIVITIES AND THE ECONOMIC DEVELOPMENT OF THE COUNTRIES CONCERNED, AND IT MAY CAUSE LARGE FINANCIAL LOSSES. THE PRESENCE OF DENGUE VIRUS TYPES 2 AND 3 IN THE CARIBBEAN AREA INCREASES THE LIKELIHOOD OF OCCURRENCE OF DENGUE HEMORRHAGIC FEVER WITH OR WITHOUT SHOCK SYNDROME, WHICH IS MUCH MORE SERIOUS THAN CLASSIC DENGUE FEVER.

HUMAN CASES OF JUNGLE YELLOW FEVER OCCUR EVERY YEAR IN THE ENZOOTIC AREAS OF SOUTH AMERICA, AS WELL AS DURING THE EPIZOOTIC OUTBREAKS THAT PERIODICALLY CARRY YELLOW FEVER VIRUS TO MUCH LARGER AREAS OF THE CONTINENT. THROUGH THESE HUMAN CASES, DUE TO THE EASE AND SPEED OF TRAVEL TODAY, THE URBAN CYCLE OF THE DISEASE COULD BE STARTED IN ANY CITY OF THIS HEMISPHERE INFESTED WITH Aedes Aegypti.

FOR THIS REASON, THE DIRECTING COUNCIL IN 1947 GAVE PAHO A MANDATE TO SOLVE THE CONTINENTAL PROBLEM OF URBAN YELLOW FEVER BY MEANS OF THE ERADICATION OF Aedes Aegypti. SINCE THEN, THE POLICY OF THE ORGANIZATION HAS BEEN THE ERADICATION OF THIS VECTOR FROM THE AMERICAS IN ACCORDANCE WITH THIS POLICY, THE ORGANIZATION SINCE 1947 HAS BEEN STIMULATING THE INFESTED COUNTRIES AND TERRITORIES TO INITIATE OR INTENSIFY THEIR CAMPAIGNS TO ERADICATE Aedes Aegypti. AT THE SAME TIME, THE ORGANIZATION, UPON REQUEST, HAS BEEN COOPERATING WITH THESE COUNTRIES AND TERRITORIES, PROVIDING THEM, WITHIN THE LIMITS OF ITS BUDGET, TECHNICAL ASSISTANCE AND SOME SUPPLIES AND EQUIPMENT.

TO DATE, Aedes Aegypti HAS BEEN ERADICATED FROM THE FOLLOWING COUNTRIES AND TERRITORIES: ARGENTINA, BERMUDA, BOLIVIA, BRITISH HONDURAS, CHILE, COSTA RICA, ECUADOR, GUATEMALA, NICARAGUA, THE PANAMA CANAL ZONE, PARAGUAY, PERU, AND URUGUAY. FIVE MORE COUNTRIES, BRAZIL, EL SALVADOR, HONDURAS, MEXICO, AND PANAMA, HAD ALSO COMPLETED THE ERADICATION OF THE MOSQUITO, BUT ALL OF THESE COUNTRIES WERE RECENTLY FOUND REINFESTED. IN ADDITION, THE Aedes Aegypti PROBLEM STILL EXISTS IN THE EXTREME NORTH OF SOUTH AMERICA, IN THE UNITED STATES OF AMERICA, AND IN THE CARIBBEAN.

IN THE NORTH OF SOUTH AMERICA, THE CAMPAIGN IS AT ITS FINAL STAGE IN COLOMBIA, BUT VENEZUELA, GUYANA, SURINAM, AND FRENCH GUIANA CONTINUE EXTENSIVELY INFESTED. IN VENEZUELA, ACTIVITIES ARE STILL CONCENTRATED IN THE STATE OF TACHIRA BORDERING ON COLOMBIA. GUYANA WAS FOUND TO BE REINFESTED IN 1962; THE RESULTS OBTAINED IN THE CAMPAIGN UP TO 1968 WERE NOT SATISFACTORY. IN 1969 THE GOVERNMENT REORGANIZED THE PROGRAM, AND IT NOW HAS AN ADEQUATE OPERATIONAL PLAN. IN SURINAM, ERADICATION OPERATIONS WERE BEGUN IN 1963, AND THE RESULTS ACHIEVED UP TO NOW HAVE BEEN LIMITED. FRENCH GUIANA HAD BEEN DECLARED FREE OF Aedes Aegypti IN 1958; IN 1963 THIS DEPARTMENT WAS FOUND TO BE EXTENSIVELY REINFESTED, BUT ERADICATION OPERATIONS WERE NOT RESUMED UNTIL 1969.

	<u>1969</u>	<u>1970</u>	<u>1971</u>	<u>1972</u>
FUNDS BUDGETED	\$ 394,080	\$ 467,847	\$ 523,155	\$ 580,838
% OF TOTAL BUDGET	1.5	1.5	1.7	1.8
PROFESSIONAL POSTS	10	10	10	13
CONSULTANT MONTHS	8	12	14	11
FELLOWSHIPS	-	2	2	2

#### 2400 - HOUSING

IT IS ESTIMATED THAT OVER 50 PER CENT OF THE POPULATION IN LATIN AMERICA LIVES IN UNSATISFACTORY HOUSING CONDITIONS. LACK OF ADEQUATE SANITARY FACILITIES AND OTHER HEALTH COMPONENTS HAVE A BEARING ON THE HIGH INCIDENCE OF A NUMBER OF COMMUNICABLE DISEASES. AN ACUTE AND VERY PRESSING PROBLEM IS BEING CREATED IN ALL THE LARGE CITIES OF LATIN AMERICA WITH THE INTENSIVE URBAN MIGRATION. THERE CONTINUES THE NEED FOR ADEQUATE MEASURES TO PROVIDE SAFE WATER AND SEWERAGE SYSTEMS TO NEW HOUSING UNITS TO PREVENT THE CREATION OF SERIOUS PROBLEMS TO THE ENVIRONMENT OF THE NEW TENANTS.

RECOGNIZING THE INCREASING PROBLEM OF HOUSING AND URBANIZATION IN LATIN AMERICA, THE ORGANIZATION HAS TAKEN STEPS TOWARDS COORDINATION WITH HOUSING AGENCIES, BOTH INTERNATIONAL AND NATIONAL, IN ORDER TO INCLUDE HEALTH AND SANITATION COMPONENTS IN HOUSING PROJECTS, ESPECIALLY IN THOSE FINANCED BY INTERNATIONAL LOANS. ALSO, THE ORGANIZATION IS VIEWING THE RURAL COMMUNITIES AS AREAS IN WHICH VERY LITTLE IS BEING DONE IN THE FIELD OF HOUSING AND WHERE PROGRAMS OF SELF-HELP AND IMPROVEMENT OF EXISTING HOUSING FACILITIES COULD BE MORE EFFECTIVE AND ECONOMICAL THAN CONSTRUCTION OF NEW UNITS. THE ORGANIZATION IS ALSO INTERESTED IN ASSISTING IN THE PREPARATION OF STANDARDS FOR WATER AND SEWERAGE FACILITIES, PLUMBING, AND OTHER SANITARY SERVICES.

THE ORGANIZATION IS PROVIDING ADVISORY SERVICES IN THE HEALTH AND SANITATION ASPECTS OF HOUSING AND URBANIZATION THROUGH A HOUSING SPECIALIST AND ITS PERMANENT STAFF OF SANITARY ENGINEERS. SINCE MAY 1966, A SANITARY ENGINEER CONSULTANT HAS BEEN ASSIGNED TO THE INTER-AMERICAN HOUSING CENTER (CINVA), AN OAS-RELATED PROJECT, TO ASSIST IN THE PLANNING AND TEACHING OF SANITARY ENGINEERING SUBJECTS IN DIFFERENT COURSES ON HOUSING AND URBANIZATION AND ALSO TO CONDUCT AND ASSIST IN INVESTIGATION PROJECTS. COLLABORATION WILL CONTINUE TO BE GIVEN TO THE UNITED NATIONS ECONOMIC COMMISSION FOR LATIN AMERICA (ECLA) IN ITS HOUSING ACTIVITIES.

THE ORGANIZATION HAS CONTINUED ITS PARTICIPATION IN THE INTER-AGENCY COMMITTEE ON HOUSING AND URBANIZATION, WHICH REGULARLY MEETS IN WASHINGTON. THE FIRST PILOT PROJECT OF THE COMMITTEE HAS BEEN COMPLETED IN CENTRAL AMERICA, AND A SECOND ONE WILL BE DEVELOPED IN THE FIELD OF RURAL HOUSING IN THREE SOUTH AMERICAN COUNTRIES.

	<u>1969</u>	<u>1970</u>	<u>1971</u>	<u>1972</u>
FUNDS BUDGETED	\$ 25,932	\$ 48,446	\$ 59,222	\$ 56,598
% OF TOTAL BUDGET	0.1	0.1	0.1	0.1
PROFESSIONAL POSTS	2	2	2	2
CONSULTANT MONTHS	-	-	2	1
FELLOWSHIPS	-	-	2	2

## II. PROMOTION OF HEALTH

### A. GENERAL SERVICES

#### 3100 - GENERAL PUBLIC HEALTH

THE GOVERNING BODIES OF PAHO AND WHO HAVE PUT SPECIAL EMPHASIS ON THE NEED FOR STRENGTHENING THE GENERAL HEALTH SERVICES OF THE COUNTRIES AND HAVE ASSIGNED A HIGH PRIORITY TO THIS TYPE OF ACTIVITY IN THE PROGRAM OF THEIR RESPECTIVE ORGANIZATIONS. THESE DECISIONS WERE BASED ON THE KNOWLEDGE THAT IN MOST OF THE COUNTRIES OF THIS REGION THE PRESENT NETWORK OF LOCAL HEALTH SERVICES LEAVES WIDE GAPS OF UNCOVERED TERRITORY AND, THEREFORE, LARGE GROUPS OF POPULATIONS UNPROTECTED. ON THE OTHER HAND, THE CAMPAIGNS FOR THE SOLUTION OF CERTAIN HEALTH PROBLEMS HAVE PRODUCED OR ARE ABOUT TO PRODUCE RESULTS. THE RESPONSIBILITY FOR THE MAINTENANCE OF THE GAINS OF THE SPECIAL CAMPAIGNS SHOULD BE PRIMARILY TRANSFERRED TO THE GENERAL NETWORK OF HEALTH SERVICES. THE ASSIMILATION OF THESE NEW ACTIVITIES, RESULTING FROM SPECIAL CAMPAIGNS AGAINST TUBERCULOSIS, SMALLPOX, YAWS, AND MALARIA, MAKE IT NECESSARY TO PLAN THE EXTENSION AND ENLARGEMENT OF THESE LOCAL HEALTH SERVICE PROGRAMS TO ABSORB THE INCREASED RESPONSIBILITIES.

IT HAS BEEN FOUND THAT THE ADMINISTRATIVE PRACTICES AND THE EXISTING STRUCTURES OF THE HEALTH SERVICES, AT BOTH REGIONAL AND CENTRAL LEVELS, COULD BENEFIT FROM CHANGES AIMED AT MODERNIZATION OF OPERATIONAL SYSTEMS AND SERVICE PATTERNS. IT HAS ALSO BEEN FOUND THAT THE FINANCIAL AND PHYSICAL RESOURCES, AS WELL AS THE SKILLED MANPOWER AVAILABLE, COULD NOT IMMEDIATELY MEET THE DEMAND FOR MORE COMPREHENSIVE PROGRAMS AND MORE EXTENDED SERVICES IN THE MAJORITY OF THE COUNTRIES. IN ORDER TO MAKE IT POSSIBLE TO USE THE RESOURCES ON HAND IN THE MOST ECONOMICAL FASHION, DEMONSTRATION AREAS WERE ORGANIZED AND PILOT PROJECTS DEVELOPED WITH INTERNATIONAL ASSISTANCE. THE MAIN OBJECTIVES OF THESE ENDEAVORS WERE TO INTRODUCE MODERN ADMINISTRATIVE TECHNIQUES IN PUBLIC HEALTH AND TO DETERMINE THE MOST EFFICIENT STRUCTURAL PATTERN FOR THE EXISTING CONDITIONS IN THE COUNTRIES, AS A FIRST STEP TOWARD A GENERAL REORGANIZATION OF THE NATIONAL HEALTH SERVICES.

IN RECENT YEARS, PAHO/WHO HAS ORGANIZED A DEPARTMENT OF EVALUATION TO STANDARDIZE AND IMPROVE THE ANALYSIS OF INFORMATION PROVIDED BY PROJECT PERSONNEL. A SCHEME HAS BEEN DEVELOPED TO FACILITATE THIS PROCESS.

THE NEED FOR EXPEDITING THE PREPARATION OF NATIONAL HEALTH PLANS, STIMULATED BY THE RECENT EMPHASIS ON PLANNING FOR ECONOMIC DEVELOPMENT, HAS LED THE COUNTRIES TO REQUEST THE COOPERATION OF THE ORGANIZATION IN THE COLLECTION AND ANALYSIS OF BASIC INFORMATION AND THE DEVELOPMENT OF THE ACTUAL PLANS FOR HEALTH SERVICES.

AS THE EXPECTATION OF LIFE INCREASES AND COMMUNICABLE DISEASES ARE BETTER CONTROLLED, THE NUMBER OF PERSONS WITH CHRONIC DISEASES IMPOSES A BURDEN NOT ONLY IN RELATIVE BUT IN ABSOLUTE TERMS. INFORMATION COLLECTED IN THE INTER-AMERICAN INVESTIGATION OF MORTALITY DURING 1962-1964 FROM WIDELY SEPARATED CITIES GIVES CLEAR EVIDENCE THAT CARDIOVASCULAR DISEASES AND CANCER ARE THE PRINCIPAL CAUSES OF DEATH IN ADULTS. WELL DEVELOPED PUBLIC HEALTH SERVICES ARE INSTRUMENTAL IN THE EARLY DETECTION AND ADEQUATE TREATMENT OF PATIENTS SUFFERING FROM CHRONIC DISEASES, EVEN THOUGH, IN THE PRESENT STAGE OF KNOWLEDGE, THE OCCURRENCE OF MOST CHRONIC DISEASES CANNOT BE PREVENTED. DURING THE PAST YEARS SEVERAL COUNTRIES HAVE REQUESTED THAT PAHO/WHO GIVE ADVICE ON THE ORGANIZATION OF THEIR PROGRAMS.

IN SPITE OF CONSIDERABLE EFFORTS TO PROVIDE FACILITIES AND FELLOWSHIPS FOR THE TRAINING OF PROFESSIONAL AND SUBPROFESSIONAL HEALTH PERSONNEL, THE RESULTS ACHIEVED THUS FAR HAVE NOT BEEN COMMENSURATE WITH THE RATE OF EXPANSION OF SERVICES AND HAVE COVERED ONLY PART OF THE ACTUAL NEEDS OF THE COUNTRIES.

SOME SANITARY CODES AND GENERAL HEALTH REGULATIONS ARE CONSIDERED ARCHAIC IN VIEW OF THE RAPID EXPANSION OF SCIENTIFIC KNOWLEDGE DURING RECENT YEARS. HEALTH AUTHORITIES IN SOME COUNTRIES HAVE EXPRESSED THEIR DESIRE TO MAKE A THOROUGH REVISION OF BASIC HEALTH LEGISLATION AND TO STUDY THE POSSIBILITY OF DRAWING UP A MODERN HEALTH CODE.

GENERAL PUBLIC HEALTH INCLUDES COORDINATION OF INTERNATIONAL RESEARCH. THE OBJECTIVES ARE TO STIMULATE BIOMEDICAL RESEARCH, PROMOTE PERMANENT INSTITUTIONS FOR RESEARCH AND RESEARCH TRAINING, AND FACILITATE INTERCHANGE OF INFORMATION. THE PROGRAM INCLUDES THE OFFICE OF RESEARCH COORDINATION AT HEADQUARTERS, THE PAHO ADVISORY COMMITTEE ON MEDICAL RESEARCH, SCIENTIFIC STUDY GROUPS FOR SPECIFIC SUBJECTS, AND CONSULTANT SERVICES. RESEARCH ACTIVITIES CARRIED OUT AS PROJECTS OR PORTIONS OF PROJECTS REPRESENT ABOUT 9 PER CENT OF THE TOTAL BUDGET AND ARE REFLECTED UNDER THEIR RESPECTIVE SUBJECT HEADINGS.

THE PORTION OF GENERAL PUBLIC HEALTH SPECIFICALLY RELATED TO PLANNING INCLUDES ADVICE TO GOVERNMENTS THROUGH PLANNING ADVISERS FROM WASHINGTON AND FROM ZONES I, III, IV, V, AND VI, SHORT-TERM PLANNING CONSULTANTS, AND COUNTRY PROJECT STAFF (USUALLY COUNTRY REPRESENTATIVES) WHO HAVE RECEIVED SPECIAL TRAINING IN HEALTH PLANNING. TRAINING IS PROVIDED THROUGH FELLOWSHIPS TO THE INTERNATIONAL SPANISH-LANGUAGE COURSES HELD ANNUALLY BY PAHO AT THE LATIN AMERICAN INSTITUTE FOR ECONOMIC AND SOCIAL PLANNING IN SANTIAGO. ASSISTANCE IN ORGANIZATION AND TEACHING STAFF IS ALSO PROVIDED FOR NATIONAL COURSES, WHICH THUS FAR HAVE BEEN HELD IN MOST OF THE COUNTRIES.

HEALTH SERVICES PROJECTS WHICH FORM THE CORE OF THE ADVISORY SERVICES TO GOVERNMENTS ARE PROVIDED IN 25 COUNTRIES AND 5 TERRITORIES. THESE PROJECTS ARE HEADED BY A MEDICAL OFFICER, WHO USUALLY SERVES ALSO AS COUNTRY REPRESENTATIVE AND COORDINATES PAHO COOPERATION WITH THE GOVERNMENT. OTHER MEMBERS OF THE TEAM ARE SPECIALISTS WHOSE ACTIVITIES ARE REFLECTED UNDER THEIR RESPECTIVE SUBJECTS, E.G., ENVIRONMENTAL SANITATION AND NURSING. THE HEALTH SERVICES PROJECTS ARE LONG-TERM IN CHARACTER SINCE THEIR PURPOSE IS TO COLLABORATE IN THE CONTINUOUS IMPROVEMENT OF HEALTH SERVICES, EXPANDING TO NEW AREAS UNTIL NATIONWIDE SERVICES ARE ACHIEVED. IN MANY CASES, REGIONAL AND NATIONAL HEALTH PLANS HAVE BEEN DEVELOPED. GENERAL PUBLIC HEALTH EMBRACES THE LARGEST GROUP OF FELLOWSHIPS OF ANY SUBJECT. THESE ARE PROVIDED AS PART OF HEALTH SERVICES PROJECTS OR THROUGH SPECIFIC FELLOWSHIP PROJECTS.

	<u>1969</u>	<u>1970</u>	<u>1971</u>	<u>1972</u>
FUNDS BUDGETED	\$2,786,869	\$2,541,627	\$2,587,678	\$2,795,427
% OF TOTAL BUDGET	11.2	8.4	8.6	9.1
PROFESSIONAL POSTS	52	52	54	55
CONSULTANT MONTHS	65	97	99	127
FELLOWSHIPS	494	158	216	239
SEMINAR PARTICIPANTS	-	90	90	96

#### 3200 - NURSING

IN THE COUNTRIES OF LATIN AMERICA AND THE CARIBBEAN AREA, THE RAPID EXPANSION OF HEALTH SERVICES, THE EXTENSION OF THESE SERVICES INTO THE RURAL AREAS, AND ADVANCES IN MEDICAL SCIENCES AND TECHNOLOGY HAVE RESULTED IN A SYSTEM OF HEALTH SERVICES RANGING FROM THE SIMPLE TO THE COMPLEX. HEALTH AUTHORITIES IN THESE COUNTRIES ARE CONFRONTED WITH THE PROBLEM OF PROVIDING NURSING SERVICES IN THE QUANTITY DEMANDED AND THE QUALITY NEEDED. THE RATIO IN 1965 OF 3 NURSES AND 7.5 NURSING AUXILIARIES PER 10,000 INHABITANTS IS INSUFFICIENT TO MEET THE NEEDS.

TO MEET THE PRESENT AND FUTURE DEMANDS FOR QUANTITY AND QUALITY NURSING CARE, IT IS IMPERATIVE THAT PRESENT RESOURCES BE USED MORE EFFECTIVELY AND THAT COMPREHENSIVE PLANNING DEFINE THE RESPONSIBILITIES AND FUNCTIONS OF NURSING, THE VARIOUS LEVELS OF PERSONNEL NEEDED FOR CARRYING THEM OUT, AND THE NUMBER AND TYPE OF EDUCATIONAL AND TRAINING PROGRAMS REQUIRED. THESE PLANS MUST INCORPORATE MEANS FOR THE IMPROVEMENT OF ADMINISTRATION OF NURSING SERVICES AND INVESTIGATIONS THAT IDENTIFY NURSING PROBLEMS, THEIR CAUSES, AND THEIR SOLUTIONS. DYNAMIC CONTINUING EDUCATION PROGRAMS MUST BE DEVELOPED FOR ALL TYPES OF NURSING PERSONNEL SO THAT THEIR KNOWLEDGE AND SKILLS, IN GENERAL AREAS AS WELL AS IN SPECIFIC FIELDS, ARE IMPROVED.

THE ORGANIZATION COLLABORATES WITH ITS MEMBER GOVERNMENTS THROUGH THE PROVISION OF NURSING ADVISORY SERVICES TO ASSIST IN THE DEVELOPMENT AND IMPROVEMENT OF ALL TYPES OF HEALTH SERVICES.

	<u>1969</u>	<u>1970</u>	<u>1971</u>	<u>1972</u>
FUNDS BUDGETED	\$ 270,333	\$ 437,311	\$ 510,004	\$ 505,106
% OF TOTAL BUDGET	1.0	1.4	1.7	1.6
PROFESSIONAL POSTS	37	34	36	36
CONSULTANT MONTHS	20	23	28	24
FELLOWSHIPS	3	27	25	27
SEMINAR PARTICIPANTS	28	14	65	25



3300 - LABORATORY

PUBLIC HEALTH LABORATORIES ARE ONE OF THE BASIC ELEMENTS OF A GENERAL HEALTH PROGRAM. THEIR WORK IS IMPORTANT IN THE DIAGNOSIS, EPIDEMIOLOGY, AND CONTROL OR ERADICATION OF COMMUNICABLE DISEASES. THEY HAVE BASIC RESPONSIBILITIES IN ENVIRONMENTAL HEALTH, MANUFACTURE OF BIOLOGICAL PRODUCTS, FOOD AND DRUG CONTROL, AND SUPPORT OF NON-COMMUNICABLE DISEASE PROGRAMS. FOR THE EFFECTIVE OPERATION OF GENERAL HEALTH SERVICES, AND OF MEDICAL CARE IN PARTICULAR, IT IS NECESSARY FOR CENTRAL AND REGIONAL LABORATORIES TO CONTRIBUTE TO THE IMPROVEMENT OF PERFORMANCE IN CLINICAL DIAGNOSTIC LABORATORIES, THROUGH EVALUATION, TECHNICAL ASSISTANCE AND TRAINING.

DESPITE THE RECENT PROGRESS MADE IN THE DEVELOPMENT OF PUBLIC HEALTH LABORATORY SERVICES IN LATIN AMERICA, THERE ARE STILL MANY LABORATORIES THAT HAVE NOT YET ATTAINED THE DEGREE OF EFFICIENCY THEY REQUIRE TO ADEQUATELY FULFILL THEIR FUNCTIONS IN DIAGNOSIS, PUBLIC HEALTH RESEARCH, MANUFACTURE OF BIOLOGICAL PRODUCTS, CONTROL OF FOOD AND DRUGS, AND EVALUATION OF PUBLIC HEALTH PROGRAMS. FOR THIS REASON, THE ORGANIZATION HAS CONTINUED TO GIVE SPECIAL ATTENTION TO PUBLIC HEALTH LABORATORIES, RECOGNIZING THAT THE EFFICIENCY OF THEIR SERVICES IS A PREREQUISITE FOR THE EFFECTIVE OPERATION OF GENERAL HEALTH SERVICES.

THE ORGANIZATION HAS COOPERATED IN THE DEVELOPMENT AND IMPROVEMENT OF PUBLIC HEALTH LABORATORIES IN LATIN AMERICA THROUGH THE TRAINING OF PERSONNEL AND THE PROVISION OF SERVICES OF SHORT- AND LONG-TERM CONSULTANTS AND ZONE PERSONNEL WHO HAVE ASSISTED IN THE PLANNING AND ORGANIZATION OF CENTRAL LABORATORIES AS WELL AS IN SPECIFIC FIELDS, SUCH AS SEROLOGICAL METHODS, THE PRODUCTION AND CONTROL OF BIOLOGICALS, THE ESTABLISHMENT AND IMPROVEMENT OF ANIMAL COLONIES, AND THE ESTABLISHMENT, EXPANSION, OR REORGANIZATION OF UNITS FOR VIROLOGICAL DIAGNOSIS. ANOTHER USEFUL SERVICE HAS BEEN THE PROVISION OF BIOLOGICAL REAGENTS E.G., MICROBIOLOGICAL OR VIRAL STRAINS, TYPING SERA, VARIOUS ANTIGENS, AND BIOLOGICAL STANDARDS) AND STANDARDIZED ANTIGENS (E.G., TUBERCULIN AND HISTOPLASMIN), AS WELL AS THE SERVICES OF REFERENCE LABORATORIES FOR SAFETY AND POTENCY TESTS FOR VACCINES AND TOXOIDS PRODUCED BY THE NATIONAL LABORATORIES. MORE FREQUENT UTILIZATION OF SUCH SERVICES WOULD UNDOUBTEDLY RESULT IN THE USE OF BETTER CONTROL METHODS BY THE PUBLIC HEALTH LABORATORIES AND, AS A CONSEQUENCE, IN THE IMPROVEMENT OF THE QUALITY OF BIOLOGICAL PRODUCTS IN EVERY COUNTRY.

THE ORGANIZATION WILL CONTINUE TO GIVE THE TYPE OF ASSISTANCE DESCRIBED ABOVE AND WILL FOLLOW THE GENERAL PRINCIPLES DEVELOPED BY THE SEMINAR ON HEALTH LABORATORY SERVICES HELD IN 1967.

	<u>1969</u>	<u>1970</u>	<u>1971</u>	<u>1972</u>
FUNDS BUDGETED	\$ 334,990	\$ 648,960	\$ 899,973	\$ 670,278
% OF TOTAL BUDGET	1.3	2.1	3.0	2.1
PROFESSIONAL POSTS	7	8	10	10
CONSULTANT MONTHS	13	42	66	78
FELLOWSHIPS	8	31	45	46
SEMINAR PARTICIPANTS	18	-	-	-

3400 - HEALTH EDUCATION

ALL PUBLIC HEALTH WORK, REGARDLESS OF THE FIELD OR THE LEVEL OF ACTIVITY, HAS EDUCATIONAL IMPLICATIONS, SINCE THIS IS AN INTEGRAL PART OF THOSE PROGRAMS IN WHICH THE ORGANIZATION COOPERATES. THE MEMBER GOVERNMENTS HAVE REPEATEDLY STRESSED IN THE MEETINGS OF THE GOVERNING BODIES THE IMPORTANCE OF HEALTH EDUCATION, SUGGESTING THE EXPANSION OF ITS SERVICES WITHIN MINISTRIES OF HEALTH. SPECIAL INTEREST HAS BEEN SHOWN IN THE TRAINING OF PUBLIC HEALTH PERSONNEL OF ALL CATEGORIES IN THE PRINCIPLES, METHODS, AND MEANS EMPLOYED IN MODERN HEALTH EDUCATION. ON THE OTHER HAND, INTENSIVE PROGRAMS, ESPECIALLY THOSE OF A SPECIFIC NATURE, DEMAND THE COOPERATION OF COMMUNITIES AND THE CONCOMITANT INTENSIFICATION AND INCREASE OF HEALTH EDUCATION ACTIVITIES.

THE ORGANIZATION HAS BEEN COOPERATING WITH SOME GOVERNMENTS THROUGH CONSULTANT SERVICES AND FELLOWSHIPS IN THE STRENGTHENING AND EXPANSION OF THEIR HEALTH EDUCATION ACTIVITIES, AS WELL AS IN THE INTENSIFICATION OF TRAINING IN HEALTH EDUCATION AS AN INTEGRAL PART OF THE TRAINING RECEIVED BY MEDICAL AND PARA-MEDICAL PERSONNEL. IN ADDITION, IT HAS PROMOTED SCIENTIFIC INVESTIGATIONS INTO THE SOCIOLOGICAL AND ANTHROPOLOGICAL FACTORS RELATED TO HEALTH EDUCATION AND HAS STIMULATED THE INTERCHANGE OF TECHNICAL INFORMATION ON HEALTH EDUCATION AMONG THE COUNTRIES OF THE REGION.

THE BUDGET PROVIDES FOR A REGIONAL ADVISER IN HEALTH EDUCATION, FOR AN ADVISER TO BE STATIONED IN THE CARIBBEAN AREA, FOR AN ADVISER TO SERVE IN ZONE V, FOR AN ADVISER TO BE STATIONED IN PERU, AND FOR A CONSULTANT TO COOPERATE WITH THE COMMUNITY DEVELOPMENT CENTER IN MEXICO (CREPAL).

	<u>1969</u>	<u>1970</u>	<u>1971</u>	<u>1972</u>
FUNDS BUDGETED	\$ 173,481	\$ 171,531	\$ 160,466	\$ 166,608
% OF TOTAL BUDGET	0.6	0.5	0.5	0.5
PROFESSIONAL POSTS	4	4	4	4
CONSULTANT MONTHS	8	20	19	18
FELLOWSHIPS	1	2	1	2
SEMINAR PARTICIPANTS	74	-	-	-

3500 - STATISTICS

IN EVERY PHASE OF HEALTH WORK, STATISTICAL DATA ARE NEEDED FOR DEFINITION OF HEALTH PROBLEMS AND FOR EVALUATION OF PROGRAMS. IN ORDER TO DEVELOP HEALTH PLANS IN ACCORDANCE WITH THE CHARTER OF PUNTA DEL ESTE, STATISTICAL DATA ARE ESSENTIAL FOR REALISTIC PROGRAMS AND ALSO FOR EVALUATION OF PROGRESS TOWARD THE OBJECTIVES.

THE COVERAGE OF THE AMERICAS BY SYSTEMS OF VITAL AND HEALTH STATISTICS IS FAR FROM COMPLETE. BIRTH AND DEATH REGISTRATION SYSTEMS SHOULD BE EXTENDED TO ALL AREAS AND THE QUALITY OF THE DATA IMPROVED. TRAINING OF CIVIL REGISTRARS WHO ARE RESPONSIBLE LOCALLY FOR REGISTERING THE VITAL EVENTS IS AN ESSENTIAL STEP TO BE TAKEN. COMPLETE COVERAGE BY SYSTEMS OF REPORTING OF NOTIFIABLE DISEASES PROVIDES THE BASIS FOR CONTROL AND ERADICATION PROGRAMS. MODERN SYSTEMS OF MEDICAL RECORDS AND HOSPITAL STATISTICS AND OF RECORDING AND ANALYZING ACTIVITIES OF HEALTH SERVICES SHOULD BE DEVELOPED IN EACH COUNTRY TO ADVANCE THE PROGRAM OF PROVIDING PREVENTIVE AND CURATIVE SERVICES. THE ACTIVITIES OF THE STATISTICAL SERVICE IN THE MINISTRY OF HEALTH SHOULD ALSO INCLUDE CURRENT COLLECTION OF DATA ON RESOURCES OF HEALTH MANPOWER, HEALTH AND MEDICAL PERSONNEL, AND EXPENDITURES FOR HEALTH.

THE PROGRAM OF THE ORGANIZATION INCLUDES CENTRAL ACTIVITIES FOR THE COLLECTION, ANALYSIS, AND DISSEMINATION OF STATISTICAL DATA FOR THE REGION, THE DEVELOPMENT OF THE REGIONAL PROGRAM DIRECTED TO THE IMPROVEMENT OF VITAL AND HEALTH STATISTICS, AN EDUCATION AND TRAINING PROGRAM (6700 - BIOSTATISTICS), AND A STATISTICAL RESEARCH PROGRAM.

THE ORGANIZATION HAS RECEIVED THE ASSISTANCE OF THE REGIONAL ADVISORY COMMITTEE ON HEALTH STATISTICS IN THE DEVELOPMENT OF THE POLICIES. AS RECOMMENDED BY THE REGIONAL ADVISORY COMMITTEE IN 1962, TEN-YEAR GOALS IN HEALTH STATISTICS HAVE BEEN ESTABLISHED FOR THE IMPROVEMENT OF PROGRAMS IN HEALTH STATISTICS. THE COMMITTEE IN 1966 STRESSED THE VALUE OF COMPUTERS IN PRODUCING HEALTH STATISTICS, AND ADVISORY SERVICES ARE BEING PROVIDED IN THIS FIELD. IN 1968 THE COMMITTEE REVIEWED THE PROGRAM IN TEACHING OF MEDICAL STATISTICS AND MADE RECOMMENDATIONS IN THIS FIELD, AS WELL AS ON COMPUTER AND RESEARCH PROGRAMS AND ON ACTIVITIES RELATED TO THE INTERNATIONAL CLASSIFICATION OF DISEASES. IN APRIL 1970, THE FIRST REGIONAL ADVISORY COMMITTEE ON THE USE OF COMPUTERS IN HEALTH MADE RECOMMENDATIONS FOR A FIVE-YEAR COMPUTER PROGRAM TO BE UNDERTAKEN BY THE ORGANIZATION.

GENERAL ACTIVITIES INCLUDE THE COLLECTION AND ANALYSIS OF DATA. THE WEEKLY EPIDEMIOLOGICAL REPORT PROVIDES CURRENT DATA ON QUARANTINABLE AND OTHER NOTIFIABLE DISEASES. YEARLY TOTALS WITH AN INTERPRETATION OF THE DATA ARE GIVEN IN THE ANNUAL PUBLICATION, REPORTED CASES OF NOTIFIABLE DISEASES IN THE AMERICAS. ANNUAL REPORTS ON MORTALITY, DISEASES, AND RESOURCES ARE COLLECTED TO SERVE THE NEEDS OF HEADQUARTERS OF THE WORLD HEALTH ORGANIZATION WITH THEIR PUBLICATIONS, WORLD HEALTH STATISTICS REPORT AND WORLD HEALTH STATISTICS ANNUAL, AS WELL AS THE NEEDS OF THE ORGANIZATION. COLLECTION AND ANALYSIS OF DATA PROVIDED BY THE MEMBER STATES AT TWO- AND FOUR-YEAR INTERVALS ON HEALTH CONDITIONS IS AN IMPORTANT FUNCTION. THE RECORDS AND PROCEDURES FOR THESE REPORTS HAVE BEEN INCORPORATED INTO THE GUIDE FOR THE REPORTING OF STATISTICAL INFORMATION IN THE HEALTH FIELD. THE REPORT, FACTS ON HEALTH PROGRESS, WAS RELEASED IN 1968.

THE LATIN AMERICAN CENTER FOR CLASSIFICATION OF DISEASES IN VENEZUELA, INCLUDED AS AMRO-6707, CARRIES OUT REGIONAL ACTIVITIES IN REGARD TO THE CLASSIFICATION ALSO PROVIDES COURSES FOR INSTRUCTION THROUGHOUT THE REGION. VOLUME I OF THE EIGHTH REVISION OF THE CLASSIFICATION, ISSUED IN 1968, HAS BEEN PUBLISHED IN SPANISH AND IN PORTUGUESE. SPECIAL TRAINING MATERIAL HAS BEEN DEVELOPED, AND SEMINARS AND COURSES IN 1967, 1968, 1969, AND 1970 PROMOTED THE INTRODUCTION OF THE REVISION. A SUPPLEMENT TO THE EIGHTH REVISION OF THE CLASSIFICATION WAS PREPARED IN SPANISH TO PROVIDE THE ADDITIONAL DETAIL FOR DIAGNOSTIC INDEXING IN HOSPITALS. THE INDEX, VOLUME II, OF THE CLASSIFICATION IN SPANISH HAS BEEN PREPARED, AND TRANSLATION HAS BEEN INITIATED FOR THE PORTUGUESE VERSION.

A PROGRAM IN HOSPITAL STATISTICS HAS BEEN ESTABLISHED IN WHICH CONSULTANT SERVICES ARE RENDERED FOR THE IMPROVEMENT OF THE SYSTEM OF MEDICAL RECORDS AND THE DEVELOPMENT OF HOSPITAL STATISTICS. THIS PROGRAM WAS INITIATED IN ARGENTINA AND HAS BEEN EXTENDED THROUGHOUT THE REGION. ASSISTANCE IS BEING GIVEN IN MANY SHORT COURSES FOR INSTRUCTORS IN THIS FIELD THROUGH PROJECT AMRO-6708. IN 1969 POSITIONS FOR CONSULTANTS IN MEDICAL RECORDS WERE ESTABLISHED IN FOUR OF THE ZONES.

THE INTER-AMERICAN INVESTIGATION OF MORTALITY, A LARGE COLLABORATIVE RESEARCH PROJECT (AMRO-3507) SUPPORTED BY A NIH GRANT, WAS INITIATED IN 1962, AND THE FIELD WORK WAS COMPLETED IN 1965 IN ALL 12 PARTICIPATING CITIES. THE FINAL REPORT, A BOOK TITLED PATTERN OF URBAN MORTALITY, WAS PUBLISHED IN 1967 IN ENGLISH AND IN 1968 IN SPANISH; SELECTED EXCERPTS WERE PUBLISHED IN PAMPHLET FORM IN SPANISH IN 1968 AND IN ENGLISH IN 1969. RESEARCH PROJECTS ARE BEING CONDUCTED IN THE FIELD OF EPIDEMIOLOGY OF HUMAN REPRODUCTION IN COLLABORATION WITH TWO SCHOOLS OF PUBLIC HEALTH IN LATIN AMERICA.

A NEW PROJECT, INTER-AMERICAN INVESTIGATION OF MORTALITY IN CHILDHOOD, WAS INITIATED IN 1967 IN FIVE PILOT AREAS IN COLLABORATION WITH MEDICAL SCHOOLS AND OTHER PUBLIC HEALTH INSTITUTIONS. THE AIM IS TO DEVELOP ACCURATE AND COMPARABLE DEATH RATES IN INFANCY AND EARLY CHILDHOOD, STUDYING THE NUTRITIONAL, SOCIOLOGICAL, AND ENVIRONMENTAL FACTORS RESPONSIBLE FOR EXCESSIVE DEATH RATES. PROJECTS OF THIS INVESTIGATION WHICH IS SUPPORTED BY A GRANT FROM THE AGENCY FOR INTERNATIONAL DEVELOPMENT, WERE INITIATED IN 13 AREAS IN LATIN AMERICA IN 1968. OVER A TWO-YEAR PERIOD, AROUND 35,000 DEATHS WILL BE STUDIED, AND COMPARABLE DATA ON SOCIOECONOMIC AND NUTRITIONAL STATUS WILL BE COLLECTED FOR OVER 22,000 HOUSEHOLDS SELECTED BY PROBABILITY SAMPLING METHODS IN THE SAME STUDY AREAS.

STATISTICAL CONSULTANTS ARE SERVING IN ALL THE ZONES AND IN SEVERAL COUNTRIES TO ASSIST IN DEVELOPING STATISTICAL DATA FOR LOCAL, NATIONAL, AND INTERNATIONAL NEEDS. THESE CONSULTANTS ALSO PARTICIPATE IN THE EDUCATION AND TRAINING PROGRAM FOR PREPARING PROFESSIONAL STATISTICIANS, TECHNICIANS, AND AUXILIARY PERSONNEL TO DEVELOP SATISFACTORY SYSTEMS AND INSURE COMPLETION OF RECORDS AND REPORTS IN THE SYSTEM.

	<u>1969</u>	<u>1970</u>	<u>1971</u>	<u>1972</u>
FUNDS BUDGETED	\$ 861,365	\$ 893,761	\$ 748,480	\$ 697,401
% OF TOTAL BUDGET	3.4	2.9	2.4	2.2
PROFESSIONAL POSTS	25	24	24	24
CONSULTANT MONTHS	11	8	10	9
FELLOWSHIPS	8	22	15	22
SEMINAR PARTICIPANTS	15	15	-	-

3600 - ADMINISTRATIVE METHODS

FROM A SURVEY OF THE ADMINISTRATIVE METHODS AND PRACTICES OF NATIONAL MINISTRIES OF HEALTH, IT IS APPARENT THAT A CADRE OF PERSONNEL TRAINED IN PUBLIC ADMINISTRATION IS ESSENTIAL FOR THE MOST EFFECTIVE USE OF FUNDS MADE AVAILABLE FOR HEALTH SERVICES. ADVISORY SERVICES IN GENERAL PUBLIC ADMINISTRATION ARE THE RESPONSIBILITY OF OTHER INTERNATIONAL AGENCIES. THEREFORE, THE PAN AMERICAN HEALTH ORGANIZATION LIMITS ITS ASSISTANCE TO IMPROVEMENT OF THE OPERATIONS OF HEALTH DEPARTMENTS WITHIN THE EXISTING LEGAL FRAMEWORK AND CUSTOMARY BUSINESS PRACTICES OF EACH COUNTRY.

DELINEATION OF BROAD ADMINISTRATIVE POLICIES IS NEEDED IN SOME COUNTRIES, AND IN OTHERS THE NEED EXTENDS TO THE ESTABLISHMENT OF ADEQUATE PROCESSES IN THE MOST ROUTINE CLERICAL AND MAINTENANCE OPERATIONS. THE ORGANIZATION HAS ASSISTED IN THE ADMINISTRATIVE ASPECTS OF SPECIFIC LARGE-SCALE PROGRAMS, NOTABLY THE MALARIA ERADICATION CAMPAIGN. THE WATER SUPPLY PROGRAM HAS POINTED UP A NEED FOR ASSISTANCE IN THE ADMINISTRATIVE ASPECTS OF WATER PROJECTS COMPARABLE TO THE TECHNICAL ONES. THE NEEDS IN BOTH THESE MAJOR HEALTH AREAS ARE NOT NECESSARILY RELATED TO PROBLEMS OF THE PUBLIC ADMINISTRATIVE MILIEU WITHIN THE COUNTRY, BUT ARE MORE DIRECTLY RELATED TO THE NEED FOR EXPERIENCED KNOW-HOW IN SPECIFIC FIELDS SO THAT THESE PROGRAMS CAN BE CARRIED OUT WITHIN THE EXISTING ADMINISTRATIVE FRAMEWORK.

IN ADDITION, A GENERAL APPRECIATION OF GETTING THE MAXIMUM RESULT FROM THE MONEY INVESTED IN HEALTH SERVICES MUST BE DEVELOPED. IN COOPERATION WITH THE MEMBER GOVERNMENTS, SEMINARS ON ADMINISTRATIVE METHODS AND PRACTICES FOR DIRECTORS GENERAL OF HEALTH ARE BEING HELD.

TAKEN ALL TOGETHER, THE OBJECTIVE OF THE ORGANIZATION IS TO ASSIST IN THE IMPROVEMENT OF EFFECTIVE MANAGEMENT OF HEALTH FUNDS. IN ADDITION TO THE SERVICES TO THE MALARIA AND WATER PROGRAMS, PROGRAMED EFFORTS OF THE ORGANIZATION INCLUDE ADMINISTRATIVE METHODS CONSULTANTS IN FOUR ZONES; SHORT FELLOWSHIPS FOR ADMINISTRATORS NEEDING ORIENTATION IN HEALTH SERVICES; AND THE CONTINUATION OF THE SEMINARS FOR PROMOTION OF IMPROVED ADMINISTRATIVE METHODS.

	<u>1969</u>	<u>1970</u>	<u>1971</u>	<u>1972</u>
FUNDS BUDGETED	\$ 270,757	\$ 312,260	\$ 520,514	\$ 595,494
% OF TOTAL BUDGET	1.0	1.0	1.7	1.9
PROFESSIONAL POSTS	12	14	20	21
CONSULTANT MONTHS	9	8	6	8
FELLOWSHIPS	8	11	34	37
SEMINAR PARTICIPANTS	37	-	-	15

3700 - HEALTH PLANNING

THE COUNTRIES OF THE REGION ARE CONTINUING THEIR EFFORTS TO DEVELOP AND IMPROVE PUBLIC HEALTH PLANNING AND TO INTEGRATE IT INTO THE OVERALL PROCESS OF ECONOMIC AND SOCIAL DEVELOPMENT PLANNING. SINCE 1962 THE ORGANIZATION HAS PROMOTED THESE ACTIVITIES AND HAS PROVIDED TECHNICAL ASSISTANCE TO COUNTRIES ON THE BASIS OF THE METHODOLOGY ACCEPTED BY THE MAJORITY OF THEM. IT HAS CONCENTRATED ITS ACTIVITIES MAINLY ON TRAINING THROUGH NATIONAL AND INTERNATIONAL COURSES; ON ADVICE IN THE FORMULATION, EVALUATION, AND REVISION OF PLANS; AND MORE RECENTLY ON RESEARCH APPLIED TO THE PROCESS OF PLANNING AND DEVELOPING PROGRAMS TO ADAPT AND IMPROVE THE ADMINISTRATIVE APPARATUS RESPONSIBLE FOR THE EXECUTION OF PLANS.

BY THE END OF 1969, EIGHT OF THE 12 COUNTRIES THAT HAD FORMULATED NATIONAL HEALTH PLANS HAD PERIODICALLY EVALUATED THEIR PLANS AND HAD BEGUN TO TAKE THE STEPS NECESSARY TO EXPAND THE INSTITUTIONAL COVERAGE AND TO EXTEND THE PROGRAMS OF DEVELOPMENT OF THEIR SECTORIAL INFRASTRUCTURE IN ORDER TO PERFECT THEIR IMPLEMENTATION. THE SETTING UP OF MECHANISMS AND THE IMPLEMENTATION OF PROCEDURES INTENDED TO ENSURE INSTITUTIONAL COORDINATION WITHIN THE HEALTH SECTOR AND WITH THE ORGANIZATIONS RESPONSIBLE FOR ECONOMIC AND SOCIAL PLANNING HAS BEEN THE USUAL PRACTICE IN THE REGION, ESPECIALLY DURING 1968.

THE ORGANIZATION HAS HEALTH PLANNING ADVISERS ASSIGNED TO ZONES I, III, IV, V AND VI, AS WELL AS A HEALTH PLANNING SECTION AT HEADQUARTERS.

WITH THIS PROGRAM IT IS HOPED TO INCREASE THE NUMBER OF COUNTRIES IN THE HEALTH PLANNING PROCESS TO 21 DURING THE PERIOD 1969-1972 AND TO HELP DEVELOP APPLIED RESEARCH PROJECTS IN AT LEAST FOUR COUNTRIES DURING THE SAME PERIOD OF TIME.

	<u>1969</u>	<u>1970</u>	<u>1971</u>	<u>1972</u>
FUNDS BUDGETED	\$ 433,229	\$ 846,738	\$ 738,392	\$ 717,756
% OF TOTAL BUDGET	1.7	2.8	2.4	2.3
PROFESSIONAL POSTS	15	18	18	17
CONSULTANT MONTHS	34	87	59	53
FELLOWSHIPS	3	35	28	26

## B. SPECIFIC PROGRAMS

4100 - MATERNAL AND CHILD HEALTH

COUNTRIES IN MIDDLE AND SOUTHERN AMERICA, WHEN COMPARED TO THOSE OF NORTHERN AMERICA, HAVE 2 TO 10 TIMES AS MANY MATERNAL DEATHS, 1 1/2 TO 3 TIMES AS MANY PERINATAL DEATHS, 5 TO 12 TIMES AS MANY LATE INFANT DEATHS, AND 2 TO 40 TIMES AS MANY PRESCHOOL CHILD DEATHS. THE MAJOR AGE OF CONTRAST IS AT 6 MONTHS TO 2 YEARS, THE WEANING PERIOD, DURING WHICH SOME COUNTRIES EXHIBIT DEATH RATES 40 TO 60 TIMES AS HIGH. IN MOST LATIN AMERICAN COUNTRIES OVER HALF THE TOTAL RECORDED DEATHS ARE IN CHILDHOOD. THE COMMONEST CAUSE OF DEATH IS THE SYNERGISTIC COMBINATION OF RESPIRATORY, DIARRHEAL, NUTRITIONAL, AND COMMUNICABLE DISEASES.

THE REDUCTION OF MORTALITY UNDER FIVE YEARS OF AGE BY 50 PER CENT, A GOAL OF THE ALLIANCE FOR PROGRESS, REQUIRES SOCIAL, ECONOMIC, AGRICULTURAL, AND EDUCATIONAL DEVELOPMENT. IN THE HEALTH SECTOR, MAJOR EFFORTS IN SANITATION AND THE EXPANSION OF HEALTH CARE SERVICES ARE NEEDED. SINCE OTHER PROGRAMS OF THE ORGANIZATION FOCUS UPON THESE GENERAL FIELDS, THE MATERNAL AND CHILD HEALTH PROGRAM HAS FOCUSED SPECIFICALLY ON ASSISTING COUNTRIES TO STRENGTHEN THE QUALITY AND ORGANIZATIONAL ASPECTS OF HEALTH CARE SERVICES TO MOTHERS AND CHILDREN. THIS REQUIRES CLOSE COORDINATION AND WORK WITH OTHER ORGANIZATIONAL PROGRAMS, PARTICULARLY THOSE OF MEDICAL CARE, NUTRITION, FAMILY PLANNING, NURSING, HEALTH EDUCATION, MEDICAL EDUCATION, MENTAL HEALTH, COMMUNICABLE DISEASE CONTROL, AND HEALTH PLANNING.

THE BUDGETED FIGURE REPRESENTS A PORTION OF THE EFFORTS OF ALL COUNTRY INTEGRATED HEALTH SERVICES, A SPECIFIC PROJECT TO DEMONSTRATE AND POPULARIZE NEW METHODS OF ORGANIZING THE DELIVERY OF MATERNAL AND CHILD HEALTH CARE SERVICES (INCLUDING FAMILY PLANNING), SPECIFIC PROJECTS OF NURSE-MIDWIFERY TRAINING AND CONSULTATION; PEDIATRIC EDUCATION, SHORT COURSES IN CLINICAL AND SOCIAL PEDIATRICS FOR PHYSICIANS, AND SHORT-TERM CONSULTATION SERVICES TO COUNTRIES. THE BUDGETED FIGURE DOES NOT REFLECT THE MANY OTHER ACTIVITIES OR ORGANIZATIONAL PROGRAMS WHICH DIRECTLY OR INDIRECTLY AFFECT THE HEALTH OF MOTHERS AND CHILDREN SINCE, IN EFFECT, ONE WOULD HAVE TO INCLUDE SOME PORTION OF VIRTUALLY ALL PROGRAMS TO DO SO.

	<u>1969</u>	<u>1970</u>	<u>1971</u>	<u>1972</u>
FUNDS BUDGETED	\$ 294,910	\$ 570,102	\$ 670,920	\$ 708,896
% OF TOTAL BUDGET	1.1	1.8	2.2	2.3
PROFESSIONAL POSTS	5	15	15	16
CONSULTANT MONTHS	10	20	24	24
FELLOWSHIPS	11	35	78	35
SEMINAR PARTICIPANTS	28	-	-	30

4200 - NUTRITION

MALNUTRITION IS RECOGNIZED AS ONE OF THE MOST URGENT PUBLIC HEALTH PROBLEMS IN LATIN AMERICA TODAY. IN THE RECENT DECLARATION OF THE PRESIDENTS OF THE AMERICAS, IT WAS STATED THAT "GREATER AND MORE RAPID PROGRESS IN IMPROVING NUTRITION OF THE NEEDIEST GROUPS OF THE POPULATION, TAKING ADVANTAGE OF ALL POSSIBILITIES OFFERED BY NATIONAL EFFORT AND INTERNATIONAL COOPERATION" SHOULD BE ATTAINED. THE ORGANIZATION HAS RECOGNIZED THAT NUTRITION IS A SIGNIFICANT FACTOR IN THE HIGH INFANT AND PRESCHOOL MORTALITY RATES, BUT IT IS AN EVEN GREATER CONTRIBUTOR TO MORBIDITY RATES AMONG THOSE AGE GROUPS, PARTICULARLY IN ASSOCIATION WITH INFECTIOUS DISEASES. THE EXTENT OF THE RELATION OF MALNUTRITION TO MENTAL RETARDATION IN CHILDREN AND TO EFFICIENT WORK OUTPUT IN ADULTS IS ONLY BEGINNING TO BE UNDERSTOOD.

IN MANY AREAS WHERE MALNUTRITION IS MOST SEVERE, THERE ARE FEW OR NO SERVICES OFFERED FOR ITS PREVENTION. THE PRINCIPAL REASONS ARE 1) LACK OF NATIONAL NUTRITION POLICY DIRECTED TO THE PREVENTION OF MALNUTRITION; 2) INSUFFICIENT DIRECTION AND ORIENTATION OF HEALTH PERSONNEL IN PLANNING AND OPERATING PRACTICAL NUTRITIONAL SERVICES WITHIN THE HEALTH AGENCY; 3) LACK OF AN ADEQUATE NUMBER OF APPROPRIATELY TRAINED PERSONNEL TO ASSIST IN PLANNING, IMPLEMENTING, AND SUPERVISING SUCH SERVICES; 4) POOR COORDINATION WITH RELATED AGENCIES, SUCH AS AGRICULTURE, EDUCATION, WELFARE, AND COMMUNITY DEVELOPMENT; AND 5) INADEQUATE INFORMATION OF THE EPIDEMIOLOGY AND TREATMENT OF SOME FORMS OF MALNUTRITION.

	<u>1969</u>	<u>1970</u>	<u>1971</u>	<u>1972</u>
FUNDS BUDGETED	\$2,288,842	\$2,212,969	\$2,245,402	\$2,366,236
% OF TOTAL BUDGET	9.2	7.3	7.4	7.7
PROFESSIONAL POSTS	53	66	68	70
CONSULTANT MONTHS	12	35	54	61
FELLOWSHIPS	138	52	54	93
SEMINAR PARTICIPANTS	10	-	-	-

4300 - MENTAL HEALTH

ALTHOUGH ONE-THIRD OF THE HOSPITAL BEDS IN THE AMERICAS ARE DEVOTED TO THE CARE OF THE MENTALLY DISTURBED, THE POPULATION COVERED IS ONLY A FRACTION OF THE TOTAL NUMBER. SERVICES FOR CHILDREN ARE VERY SCARCE IN ALL THE COUNTRIES. ONLY TWO COUNTRIES IN THE REGION HAVE ESTABLISHED COMMUNITY MENTAL HEALTH PROGRAMS. PROFESSIONALLY QUALIFIED PERSONNEL IN THIS AREA IS SCARCE AND CALLS FOR A CONTINENT-WIDE TRAINING PROGRAM. THERE IS ALSO A PRESSING NEED TO UNDERTAKE RESEARCH PROGRAMS ON AN INTERNATIONAL SCALE TO COMPARE THE NATURAL HISTORY OF MENTAL DISORDERS AND TO REAP THE ADVANTAGES OF THE PREVENTIVE IMPLICATIONS OF THE KNOWLEDGE AT HAND AND OF THAT WHICH WILL BE FORTH-COMING FROM RESEARCH.

TO LAY THE FOUNDATION FOR A PROGRAM IN MENTAL HEALTH, THE ORGANIZATION MADE INVESTIGATIONS, DURING 1960 TO 1965, OF NEEDS AND RESOURCES IN LATIN AMERICA. THE INFORMATION GATHERED SHOWED THAT THE EXTENT AND VARIETY OF MENTAL DISORDERS AMONG ALL AGE GROUPS CONSTITUTE A PUBLIC HEALTH PROBLEM THAT WELL JUSTIFIES THE INCREASED CONCERN OF HEALTH WORKERS. THE DATA COLLECTED WERE EXAMINED BY REPRESENTATIVES OF 25 MEMBER GOVERNMENTS IN THREE SEMINARS, WHERE DISCUSSIONS WERE AIMED AT CONSIDERING THE MEASURES TO BE TAKEN IN NATIONAL MENTAL HEALTH PROGRAMS.

EARLY IN 1965, A STUDY GROUP ON EPIDEMIOLOGY OF MENTAL ILLNESSES WAS CONVENED. IN JUNE 1966, EXPERTS FROM SIX COUNTRIES MET IN COSTA RICA TO DISCUSS THE EPIDEMIOLOGY OF ALCOHOLISM IN LATIN AMERICA. A SEMINAR ON THE TEACHING OF PSYCHIATRY WAS CONVENED IN LIMA, PERU IN LATE 1967 WITH THE PARTICIPATION OF PROFESSORS FROM 19 COUNTRIES. A SEMINAR TO ANALYZE THE ADMINISTRATION OF PSYCHIATRIC AND MENTAL HEALTH SERVICES WAS HELD IN 1968 WITH THE ATTENDANCE OF 41 PARTICIPANTS FROM 22 COUNTRIES. PROJECTS ARE BUDGETED IN ARGENTINA, BRAZIL, CHILE, JAMAICA, AND VENEZUELA.

	<u>1969</u>	<u>1970</u>	<u>1971</u>	<u>1972</u>
FUNDS BUDGETED	\$ 190,969	\$ 230,240	\$ 305,326	\$ 303,741
% OF TOTAL BUDGET	0.7	0.7	1.0	0.9
PROFESSIONAL POSTS	5	5	7	7
CONSULTANT MONTHS	5	23	22	33
FELLOWSHIPS	2	7	12	13
SEMINAR PARTICIPANTS	39	-	-	9

4400 - DENTAL HEALTH

WHEN THE ORGANIZATION STARTED ITS DENTAL ACTIVITIES IN 1955, A SURVEY REVEALED A GREAT SHORTAGE OF PUBLIC HEALTH DENTISTS IN LATIN AMERICA. NONE OF THE INTERNATIONALLY RECOGNIZED SCHOOLS OF PUBLIC HEALTH OFFERED ANY KIND OF SPECIALIZED FORMAL TRAINING FOR DENTISTS. ONLY 34 DENTISTS IN 22 COUNTRIES COULD BE IDENTIFIED AS HAVING RECEIVED TRAINING IN SCHOOLS OF THE UNITED STATES OF AMERICA IN PAST YEARS. THIS SITUATION APPEARED TO BE A REASON FOR THE LACK OF TRUE PUBLIC HEALTH ORIENTATION IN MOST OF THE EXISTING DENTAL PROGRAMS.

THE APPROACH CHOSEN WAS THAT OF ASSISTING ONE OF THE SCHOOLS OF PUBLIC HEALTH IN DEVELOPING A STRONG DENTAL HEALTH TRAINING PROGRAM TO BE UTILIZED BY ALL THE LATIN AMERICAN COUNTRIES, THROUGH ACTIVE SUPPORT OF THE ORGANIZATION'S FELLOWSHIP PROGRAM. THE PROGRAM WAS DEVELOPED AT THE SCHOOL OF PUBLIC HEALTH OF THE UNIVERSITY OF SÃO PAULO AND IS JOINTLY SUPPORTED BY THE ORGANIZATION AND THE W. K. KELLOGG FOUNDATION. AT THE BEGINNING, A SPECIAL EFFORT WAS MADE TO PROVIDE TRAINING FOR DENTISTS ALREADY OCCUPYING KEY POSITIONS IN THE DENTAL SERVICES OF MEMBER COUNTRIES. AS THESE NEEDS WERE SATISFIED, THE FOCUS OF THE PROGRAM WAS GRADUALLY SHIFTED TO OTHER AREAS OF DENTISTRY (SEE DENTAL EDUCATION).

THE RESULTS OBTAINED SO FAR HAVE BEEN SATISFACTORY, BOTH FROM THE VIEW OF THE NUMBER OF DENTISTS TRAINED AND FROM THE POINT OF VIEW OF THEIR UTILIZATION. ALMOST HALF OF THOSE TRAINED WERE UNDER FELLOWSHIPS AWARDED BY THE ORGANIZATION. IT IS ESTIMATED THAT 93 PER CENT OF THE FELLOWS WERE SUBSEQUENTLY EMPLOYED IN PUBLIC HEALTH. SUPPORT FOR TRAINING OF DENTISTS IN PUBLIC HEALTH IS NOW BEING EXTENDED TO SEVERAL OTHER SCHOOLS OF PUBLIC HEALTH IN LATIN AMERICA, AND TRAINING FOR DENTISTS IN THIS FIELD HAS COMMENCED AT THE SCHOOLS OF PUBLIC HEALTH IN MEDELLIN, COLOMBIA AND LIMA, PERU.

DEVELOPMENT IN THIS FIELD HAS INTRODUCED DENTAL PUBLIC HEALTH TRAINING IN DENTAL SCHOOLS IN LATIN AMERICA AND, AS A RESULT, DEPARTMENTS OF PREVENTIVE AND SOCIAL DENTISTRY ARE BEING CREATED. MOST OF THESE DEPARTMENTS ARE STAFFED BY FORMER FELLOWS OF THE ORGANIZATION. OTHER PROJECTS INCLUDE TRAINING OF DENTAL AUXILIARY PERSONNEL (MEDELLIN, COLOMBIA AND MARACATBO, VENEZUELA), EPIDEMIOLOGICAL STUDIES, AND RESEARCH IN SUCH AREAS AS INCREASED DENTAL PRODUCTIVITY THROUGH WORK SIMPLIFICATION AND SIMPLIFIED DENTAL EQUIPMENT. ANOTHER AREA IN WHICH THE ORGANIZATION IS ENGAGED IS THE STUDY OF DENTAL MANPOWER. NATIONAL SURVEYS ARE BEING CONDUCTED IN COLOMBIA AND VENEZUELA AT THE PRESENT TIME. PROGRAMS IN ORAL MICROBIOLOGY AND THE USE OF NEW DENTAL MATERIALS ARE ALSO BEING PUT INTO EFFECT TO ENHANCE THE PREVENTION OF DENTAL DISEASE.

A PROJECT WAS ESTABLISHED IN THE SCHOOL OF PUBLIC HEALTH OF THE UNIVERSITY OF SÃO PAULO. THIS PROGRAM IS JOINTLY SUPPORTED BY THE ORGANIZATION, THE W. K. KELLOGG FOUNDATION, AND THE UNITED STATES PUBLIC HEALTH SERVICE. IT IS AN INTERNATIONAL CENTER FOR EPIDEMIOLOGICAL AND RESEARCH ASPECTS OF DENTISTRY, FOR TRAINING PUBLIC HEALTH DENTISTS TO PERFORM EPIDEMIOLOGICAL STUDIES AND RESEARCH IN THEIR SPECIALTY, AND FOR THE COLLECTION AND DISSEMINATION OF DENTAL LITERATURE IN LATIN AMERICA. ANOTHER CENTER OF THIS KIND IS BEING PLANNED FOR THE SCHOOL OF PUBLIC HEALTH OF THE UNIVERSITY OF ANTIOQUIA, MEDELLIN, COLOMBIA.

OTHER ACTIVITIES DEVELOPED WITH THE SUPPORT OF THE ORGANIZATION INCLUDE THE ESTABLISHMENT OF A NATIONAL LABORATORY FOR DENTAL MATERIALS STANDARDIZATION, QUALITY CONTROL, TEACHING AND RESEARCH IN VENEZUELA, AND THE ESTABLISHMENT OF A SCHOOL FOR DENTAL AUXILIARIES IN JAMAICA. SYSTEMS OF COMMUNICATION AND DISSEMINATION OF INFORMATION ARE ALSO BEING DEVELOPED. AN INTEGRATED DENTAL COMMUNITY CLINIC WAS PROGRAMED AT THE UNIVERSITY OF CONCEPCION, CHILE, AND A SIMILAR PROGRAM WILL BE INITIATED AT THE UNIVERSITY OF ZULIA IN MARACAIBO, VENEZUELA.

	<u>1969</u>	<u>1970</u>	<u>1971</u>	<u>1972</u>
FUNDS BUDGETED	\$ 132,405	\$ 149,216	\$ 132,251	\$ 153,008
% OF TOTAL BUDGET	0.5	0.4	0.4	0.4
PROFESSIONAL POSTS	3	3	3	3
CONSULTANT MONTHS	24	15	14	18
FELLOWSHIPS	-	2	4	3
SEMINAR PARTICIPANTS	-	-	-	27

#### 4500 - RADIATION AND ISOTOPES

THE THIRTEENTH AND FOURTEENTH WORLD HEALTH ASSEMBLIES PASSED RESOLUTIONS NOTING BROADLY THAT WHO'S RESPONSIBILITIES INCLUDE PROTECTION FROM RADIATION HAZARDS AND DEVELOPMENT OF THE MEDICAL USE OF RADIATION, WHILE RECOGNIZING THE ANXIETY OF MEMBER STATES CONCERNING INCREASED EXPOSURES TO IONIZING RADIATION, SINCE THE ESTIMATED DOSE TO THE REPRODUCTIVE ORGANS OF THE AVERAGE INDIVIDUAL FROM X-RAYS ROSE FROM 15 TO 133 MILLIREMS, AN INCREASE OF 900 PER CENT, BETWEEN 1925 AND 1955. MILLIONS OF X-RAY EXPOSURES ARE BEING PERFORMED ANNUALLY FOR MEDICAL DIAGNOSTIC PURPOSES, AND SCIENTISTS ARE FINDING NEW WAYS OF CREATING AND USING RADIOISOTOPES.

THE ORGANIZATION COOPERATES WITH THE COUNTRIES IN DETERMINING THE ACTUAL PROBLEMS IN THE FIELDS OF RADIATION PROTECTION, RADIATION HYGIENE, AND RADIATION MEDICINE. SERVICES OF THE TECHNICAL STAFF AND CONSULTANTS, FELLOWSHIPS, TRAINING COURSES, AND FUNDS FOR SPECIFIC ITEMS OF SUPPLIES HAVE BEEN MADE AVAILABLE FOR THESE PURPOSES.

THE MOST RELEVANT PROGRAMS HAVE BEEN RELATED TO THE IDENTIFICATION OF RADIATION SOURCES AND THE EVALUATION OF THE EXPOSURE HAZARDS. THIS HAS INCLUDED THE MEASUREMENT OF RADIOACTIVE CONTAMINATION OF THE ENVIRONMENT (AIR AND MILK) IN A NETWORK OF STATIONS COVERING NINE COUNTRIES OF THE REGION. THE PROBLEM OF LEGISLATION, THE COORDINATION OF NATIONAL AND INTERNATIONAL AGENCIES WORKING IN THESE FIELDS, THE TRAINING OF PERSONNEL, AND THE ENCOURAGEMENT OF RESEARCH IN RADIOBIOLOGY AND NUCLEAR MEDICINE HAVE RECEIVED SPECIAL EMPHASIS.

	<u>1969</u>	<u>1970</u>	<u>1971</u>	<u>1972</u>
FUNDS BUDGETED	\$ 122,126	\$ 116,583	\$ 119,265	\$ 142,025
% OF TOTAL BUDGET	0.4	0.3	0.3	0.4
PROFESSIONAL POSTS	2	2	2	2
CONSULTANT MONTHS	5	14	14	17
FELLOWSHIPS	-	3	5	4
SEMINAR PARTICIPANTS	17	-	-	10

#### 4600 - OCCUPATIONAL HEALTH

IN LATIN AMERICA ACCELERATED INDUSTRIALIZATION IS BEING ATTEMPTED BY WORKERS WHOSE CULTURAL AND SOCIOECONOMIC DEVELOPMENT IS IN ITS INCIPIENCY AND WHO ARE TRYING TO APPLY MODERN METHODS IN AN ENVIRONMENT WHICH IS NOT YET PREPARED TO RECEIVE THEM. GOVERNMENTS ARE ATTEMPTING TO PREVENT THE EXPLOITATION OF WORKERS, BUT THE ABSENCE OF A SUFFICIENT NUMBER OF SPECIALISTS PARTIALLY NULLIFIES THEIR ACTION OR LEADS THEM IN THE WRONG DIRECTION. THE USE OF COMPLICATED MACHINERY, AS WELL AS RAW MATERIALS AND PRODUCTS OF A HIGHLY TOXIC NATURE, BY PERSONNEL WITH VERY LITTLE KNOWLEDGE OF THESE FACTORS IS PRODUCING AN ENORMOUS NUMBER OF ACCIDENTS AND OCCUPATIONAL DISEASES WHICH RETARD THE VERY ECONOMIC PROGRESS WHICH IT IS DESIRED TO ACHIEVE. ALL THIS REPRESENTS A CONSIDERABLE LOSS, BOTH IN TERMS OF LIFE AND WEALTH, WHICH NO ECONOMY CAN SUPPORT WITH IMPUNITY, LET ALONE THAT OF COUNTRIES WHICH ARE IN THE INITIAL STAGES OF DEVELOPMENT. FOR EXAMPLE, STUDIES HAVE SHOWN THAT ONE OUT OF TEN WORKERS SUFFERS ONE ACCIDENT EVERY YEAR; THAT ONE OUT OF 5,000 DEATHS MAY BE ATTRIBUTED TO WORKING CONDITIONS; AND THAT ABSENTEEISM DUE TO SICKNESS IN MOST OF THESE COUNTRIES AVERAGES 15 TO 30 DAYS PER WORKER PER YEAR; WHILE THE ECONOMIC LOSSES, ACCORDING TO VERY CONSERVATIVE ESTIMATES, REACH A VALUE SUPERIOR TO ONE BILLION DOLLARS ANNUALLY FOR THE ENTIRE REGION WITH THE EXCEPTION OF THE UNITED STATES OF AMERICA AND CANADA.

OF THE 240 MILLION PERSONS LIVING IN LATIN AMERICA, ABOUT 80 MILLION, OR ONE THIRD, ARE GAINFULLY EMPLOYED. PROGRAMS TO CONTROL ACCIDENTS AND OCCUPATIONAL DISEASES AMONG THIS POPULATION ARE MAKING GOOD PROGRESS IN SOME COUNTRIES AND ARE JUST BEGINNING TO BE INTRODUCED IN OTHERS. ANALYSIS OF HAZARDS REVEALS THAT ACCIDENTS ARE AT LEAST SIX TIMES AS HIGH IN THE MINES AND FACTORIES OF THE LATIN AMERICAN COUNTRIES AS THEY ARE IN SOME OF THE OLDER INDUSTRIAL NATIONS. SILICOSIS AND LEAD POISONING ARE AMONG THE PRINCIPAL OCCUPATIONAL DISEASES WHICH AFFECT THE LABORING CLASS. THESE DISEASES ARE NOW ALMOST NON-EXISTENT IN THE MORE INDUSTRIALLY ADVANCED NATIONS. IN THE LARGE INDUSTRIAL CENTERS, AIR POLLUTION, EXCESSIVE NOISE, IONIZING RADIATION, AND POISONING ARE NEW STRESSES AFFECTING NOT ONLY THE EXPOSED WORKERS BUT OFTEN THE REST OF THE COMMUNITY AS WELL.

THE ORGANIZATION, THROUGH ITS REGIONAL CENTER FOR SANITARY ENGINEERING AND ENVIRONMENTAL SCIENCES IN LIMA, PERU, IS ASSISTING MEMBER STATES IN SURVEYING THE PROBLEMS IN EACH COUNTRY, IN ESTABLISHING SOUND PROGRAMS, AND IN DEVELOPING SUITABLE LEGISLATION AND CONTROL MEASURES TO PROTECT THE WORKER BOTH AT WORK AND IN THE COMMUNITY ENVIRONMENT. AT PRESENT THERE IS ONE CONSULTANT EACH IN INDUSTRIAL HYGIENE AND AIR POLLUTION WORKING OUT OF THE LIMA CENTER CARRYING OUT THIS PROGRAM. IN ADDITION, THERE IS A CONSULTANT WORKING WITH THE INTER-MUNICIPAL COUNCIL FOR THE CONTROL OF WATER AND AIR POLLUTION IN THE SÃO PAULO, BRAZIL AREA. IN CHILE, THE ORGANIZATION HAS BEEN SERVING AS THE EXECUTING AGENCY FOR THE UNITED NATIONS DEVELOPMENT PROGRAM PROJECT IN OCCUPATIONAL HEALTH AND AIR POLLUTION. WITH THE FINANCIAL SUPPORT OF THE

UNITED NATIONS AND THE CHILEAN GOVERNMENT, AN INSTITUTE OF OCCUPATIONAL HEALTH AND AIR POLLUTION RESEARCH HAS BEEN DEVELOPED AND HAS JUST COMPLETED ITS SIXTH YEAR OF OPERATION. DURING THIS PERIOD, IMPORTANT RESEARCH HAS BEEN CONDUCTED BY THE INSTITUTE ON PROBLEMS INDIGENOUS TO THE AREA. AN AGREEMENT HAS BEEN CONCLUDED PROVIDING FOR CONTINUING ASSISTANCE FROM THE ORGANIZATION. A CONSIDERABLE QUANTITY OF CONSULTATION AND SERVICES HAS BEEN GIVEN BY THE INSTITUTE TO THE COUNTRY THROUGH UNIVERSITIES AND GOVERNMENT AGENCIES, AS WELL AS INDUSTRY, AND IT HAS BEEN POSSIBLE TO TRAIN SLIGHTLY MORE THAN 50 PROFESSIONALS, SUCH AS PHYSICIANS, ENGINEERS, CHEMISTS, AND OTHERS, NOT ONLY FROM CHILE BUT ALSO FROM MANY OTHER COUNTRIES IN LATIN AMERICA.

THE ORGANIZATION HAS REVIEWED EXISTING PROGRAMS OF INDUSTRIAL HYGIENE OR AIR POLLUTION IN MANY COUNTRIES, RESULTING IN THE STRENGTHENING OF THESE PROGRAMS AND THEIR EXPANSION. IN TWO COUNTRIES, ARGENTINA AND ECUADOR, SURVEYS HAVE BEEN COMPLETED TO DEFINE THE PROBLEM OF INDUSTRIAL HYGIENE AS A BASIS FOR THE INSTITUTION OF NEW PROGRAMS. DURING THE PAST YEARS, A SURVEILLANCE NETWORK IN AIR POLLUTION HAS BEEN OPERATING WHICH INCLUDES TEN LARGE METROPOLITAN AREAS IN NINE COUNTRIES. THIS SAMPLING NETWORK IS OPERATING IN A STANDARDIZED MANNER AND WILL PERMIT THE COMPARISON OF CONTAMINATION LEVELS AND STIMULATE THE ACTIVATION OF SUITABLE CONTROL MEASURES. TWO TECHNICAL SEMINARS HAVE BEEN HELD, ONE ON OCCUPATIONAL HEALTH AND THE OTHER ON AIR POLLUTION. THESE SEMINARS HAVE PERMITTED THE ORGANIZATION TO REACH IMPORTANT CONCLUSIONS AND TO IMPLEMENT THEM THROUGH COOPERATIVE PROGRAMS.

SPECIAL SHORT COURSES IN INDUSTRIAL HYGIENE AND ITS VARIOUS SPECIALTIES HAVE BEEN PRESENTED. AS THE CENTER FOR SANITARY ENGINEERING AND ENVIRONMENTAL SCIENCES DEVELOPS, IT WILL SERVE THE ENTIRE REGION, PARTICULARLY IN THE INCREASING PROBLEMS CAUSED BY ACCELERATED URBANIZATION AND INDUSTRIALIZATION. OCCUPATIONAL HEALTH AND AIR POLLUTION WILL FORM IMPORTANT ACTIVITIES IN THIS CENTER.

	1969	1970	1971	1972
FUNDS BUDGETED	\$ 173,159	\$ 179,221	\$ 95,754	\$ 89,078
% OF TOTAL BUDGET	0.6	0.5	0.3	0.2
PROFESSIONAL POSTS	3	3	3	2
CONSULTANT MONTHS	21	7	5	6
FELLOWSHIPS	10	4	5	5
SEMINAR PARTICIPANTS	10	-	-	-

#### 4700 - FOOD AND DRUG

BECAUSE OF ADVERSE EFFECTS RESULTING FROM POORLY MADE FOODS AND DRUGS, IT HAS LONG BEEN RECOGNIZED THAT GOVERNMENTS MUST SUPERVISE FOOD AND DRUG PRODUCTION IN ORDER TO ASSURE THAT THE PEOPLE RECEIVE SAFE AND WHOLESOME FOODS, AND SAFE AND EFFECTIVE DRUGS AND THERAPEUTIC DEVICES. IN RECENT YEARS, IT HAS ALSO BECOME RECOGNIZED THAT GOVERNMENTS MUST PREVENT THE DISTRIBUTION OF HARMFUL COSMETICS AND PROTECT THE PUBLIC AGAINST HAZARDOUS ARTICLES, SUCH AS INSECTICIDES, CAUSTICS, AND SOLVENTS, THAT ARE LIKELY TO BE BROUGHT INTO THE HOME OR TO CONTAMINATE FOODS CONSUMED BY THE PUBLIC.

IMPROVEMENT OF GOVERNMENTAL SERVICES FOR SUPERVISING THE IMPORTATION, MANUFACTURE, AND DISTRIBUTION OF FOODS AND DRUGS IS AN URGENT REQUIREMENT THIS PROBLEM HAS BECOME MORE ACUTE IN RECENT YEARS BECAUSE INNOVATIONS IN MANUFACTURING PROCESSES FOR FOODS AND DRUGS HAVE GREATLY INCREASED THE INSPECTORIAL AND TESTING DIFFICULTIES CONFRONTING THE GOVERNMENT FOOD AND DRUG CONTROL OFFICIALS.

THE OVERALL PURPOSE OF THIS PROJECT IS TO ASSIST THE GOVERNMENTS BY PROVIDING EXPERT ADVICE ON THE ORGANIZATION AND OPERATION OF GOVERNMENTAL FOOD AND DRUG CONTROL AGENCIES AND BY TRAINING ANALYSTS, INSPECTORS, AND ADMINISTRATIVE OFFICIALS. INITIAL HELP TO A COUNTRY USUALLY REQUIRES A STUDY OF THE CURRENT SITUATION IN THE COUNTRY AND THE DESIGN OF A PLAN OF ACTION TO BRING THE COUNTRY'S FOOD AND DRUG CONTROL ACTIVITIES UP TO ACCEPTABLE MINIMAL STANDARDS. AS THE GOVERNMENT'S FOOD AND DRUG CONTROL ORGANIZATION DEVELOPS, PAHO PROVIDES SOME FELLOWSHIPS TO ENABLE THE NATIONAL PERSONNEL TO RECEIVE SPECIALIZED TRAINING AND SENDS EXPERT CONSULTANTS TO THE COUNTRY TO PROVIDE ON-THE-SPOT ADVICE TO THE FOOD AND DRUG CONTROL OFFICIALS OF THE COUNTRY.

ON A REGIONAL BASIS, PAHO HAS ASSISTED IN ESTABLISHING THE LABORATORIOS ESPECIALIZADOS DE ANALISIS (LEA), LOCATED ON THE PREMISES OF THE UNIVERSITY OF PANAMA. THIS WELL-STAFFED AND WELL-EQUIPPED LABORATORY PROVIDES DRUG TESTING FOR FOOD AND DRUG FIRMS OPERATING IN THAT AREA. LEA IS SELF-FINANCING IN THAT ITS FUNDS ARE DERIVED FROM FEES PAID BY THE FIRMS WHEN THEY SUBMIT SAMPLES FOR REGISTRATION ANALYSIS. SINCE 1965, PAHO HAS SPONSORED ANNUAL SEMINARS ON FOOD AND DRUG CONTROL ACTIVITIES IN THE CENTRAL AMERICAN COUNTRIES AND PANAMA. THESE SEMINARS ARE ATTENDED BY FOOD AND DRUG CONTROL OFFICIALS FROM THE COUNTRIES OF THE REGION. ALSO, PAHO HAS HELPED THOSE COUNTRIES TO PREPARE STANDARDS FOR APPROXIMATELY 400 DIFFERENT FOODS. PAHO HAS PUBLISHED THESE FOOD STANDARDS IN SEVERAL VOLUMES IDENTIFIED "NORMAS SANITARIAS DE ALIMENTOS."

PAHO HAS GIVEN HIGH PRIORITY TO THE ESTABLISHMENT OF THE PROPOSED PAN AMERICAN DRUG QUALITY INSTITUTE IN MONTEVIDEO. WHEN IN OPERATION, THIS REGIONAL DRUG INSTITUTE WILL ASSIST ALL OF THE COUNTRIES BY PROVIDING ADVANCED TRAINING FOR DRUG ANALYSTS FROM THE GOVERNMENT LABORATORIES AND TECHNICAL TRAINING FOR INSPECTORS AND DRUG LAW ADMINISTRATORS, AND BY SUPPLYING THE GOVERNMENT DRUG CONTROL AGENCIES WITH A PERIODICAL BULLETIN OF LABORATORY DATA.

	<u>1969</u>	<u>1970</u>	<u>1971</u>	<u>1972</u>
FUNDS BUDGETED	\$ 73,484	\$ 131,604	\$ 132,133	\$ 153,222
% OF TOTAL BUDGET	0.2	0.4	0.4	0.4
PROFESSIONAL POSTS	2	3	4	4
CONSULTANT MONTHS	1	12	13	13
FELLOWSHIPS	-	6	2	7
SEMINAR PARTICIPANTS	13	24	-	-

#### 4800 - MEDICAL CARE

COUNTRIES HAVE BECOME CONCERNED OVER THE EVER-GROWING DEMAND FOR MEDICAL CARE SERVICES AND THE LACK OF AVAILABLE RESOURCES TO MEET THIS DEMAND. COUNTRIES ARE NOW AWARE THAT MEDICAL CARE SERVICES DESERVE RATIONAL PLANNING, ORGANIZATION, AND SOUND FINANCIAL MANAGEMENT, AMONG MANY OTHER TECHNICAL REQUISITES, IF BETTER QUALITY AND MORE COMPREHENSIVE SERVICES ARE TO BE GIVEN TO THE COMMUNITY. THE ORGANIZATION HAS SET UP A CONTINENTAL POLICY IN ADMINISTRATION OF MEDICAL CARE SERVICES AND IS PREPARING TO PURSUE ITS ADVISORY PROGRAMS TO THE COUNTRIES. COORDINATION OF MEDICAL CARE SERVICES OF MINISTRIES OF HEALTH AND SOCIAL SECURITY INSTITUTIONS WITH FACULTIES OF MEDICINE CONTINUES TO BE PROMOTED, NOW WITH THE PARTICIPATION OF MEDICAL SCHOOLS, INsofar AS THEY ARE RESPONSIBLE FOR THE TRAINING OF MEDICAL STUDENTS AND VERY OFTEN ADMINISTER TEACHING HOSPITALS. TO ENHANCE THESE ACTIVITIES, MEDICAL SCHOOLS AND TEACHING HOSPITALS SHOULD BE CLOSELY COORDINATED WITH THE REST OF HEALTH SERVICES OF THE COUNTRY OR REGION CONCERNED AND DEEPLY INVOLVED IN COMMUNITY HEALTH ACTIVITIES.

PLANNING FOR COMPREHENSIVE HOSPITAL AND OTHER HEALTH SERVICES REQUIRES STUDY OF THE FEASIBILITY OF REGIONALIZATION OF THE HEALTH SERVICES SYSTEMS COORDINATED AT THE CENTRAL INSTITUTIONAL LEVEL AND INTEGRATED AT THE LOCAL OPERATIONAL LEVEL. A SECOND CONCERN IS THE HOSPITAL ITSELF, WHICH IS THE MOST COSTLY COMPONENT IN THE PROVISION OF HEALTH SERVICES. BOTH ASPECTS HAVE RECEIVED CAREFUL ATTENTION ON THE PART OF THE ORGANIZATION. FUNDAMENTALS OF HOSPITAL PLANNING HAVE BEEN PROMOTED AND PUBLISHED. ANALYSIS OF MEDICAL CARE PROBLEMS AS NATIONAL PROJECTS RATHER THAN INDIVIDUAL OR INSTITUTIONAL ONES WILL FORM THE BASIS FOR EFFECTIVE PLANNING AND UTILIZATION OF ACTUAL RESOURCES AND WILL PROVIDE VARIOUS ALTERNATIVES TO BE FOLLOWED IN SOLVING THE MAIN PROBLEMS.

IN ADDITION, THE TEACHING, TRAINING, AND RESEARCH PROGRAMS IN ADMINISTRATION OF MEDICAL CARE SERVICES WILL CONTINUE TO HAVE HIGH PRIORITY WITHIN THE ORGANIZATION. THESE WILL EMPHASIZE REINFORCEMENT OF EXISTING COURSES IN HOSPITAL ADMINISTRATION, REVISION OF CURRICULA, EVALUATION OF THE TRAINING PROGRAMS, PROMOTION OF EDUCATION IN DIFFERENT LEVELS OF HOSPITAL MANAGEMENT, AND OPERATIONAL RESEARCH. AS A COMPLEMENT, INTERCHANGE OF INFORMATION RELATED TO HOSPITAL ADMINISTRATION AND MEDICAL CARE WILL BE EXPANDED. IN-SERVICE TRAINING OF PRESENT HOSPITAL ADMINISTRATORS APPEARS TO BE AN URGENT NEED IN MANY COUNTRIES.

CURRENTLY THE ORGANIZATION IS ASSISTING SIX COUNTRIES IN THE IMPLEMENTATION OF SPECIAL PROJECTS FOR THE ESTABLISHMENT OF INTENSIVE CARE UNITS IN LATIN AMERICA, AS A BASIS FOR THE IMPROVEMENT OF THE QUALITY OF MEDICAL CARE. HOSPITAL ENGINEERING AND MAINTENANCE IS ALSO RECEIVING SPECIAL ATTENTION. PROJECTS IN THIS PARTICULAR FIELD ARE INTENDED TO PRESERVE THE LARGE CAPITAL INVESTMENT OF LATIN AMERICAN COUNTRIES IN HOSPITAL BUILDINGS AND EQUIPMENT. ALSO, A SPECIAL CENTER FOR ENGINEERING, HOSPITAL MAINTENANCE, AND SANITATION, COVERING THE TRAINING OF PERSONNEL AND RESEARCH IN THIS FIELD, HAS BEEN ESTABLISHED IN CARACAS, WITH FINANCIAL SUPPORT FROM UNDP.

	<u>1969</u>	<u>1970</u>	<u>1971</u>	<u>1972</u>
FUNDS BUDGETED	\$ 854,380	\$1,349,401	\$1,312,150	\$1,369,109
% OF TOTAL BUDGET	3.4	4.4	4.7	4.4
PROFESSIONAL POSTS	21	21	21	17
CONSULTANT MONTHS	42	73	97	105
FELLOWSHIPS	17	54	64	62
SEMINAR PARTICIPANTS	63	24	-	-

#### 4900 - HEALTH AND POPULATION DYNAMICS

THE POLICIES AND PROGRAMS ON HEALTH AND POPULATION DYNAMICS, REFLECTED IN VARIOUS RESOLUTIONS OF THE GOVERNING BODIES, HAVE EVOLVED SINCE 1963. IN GENERAL, THE PROGRAM HAS DEVELOPED IN RESPONSE TO MOUNTING PRESSURES AND RAPID POPULATION GROWTH, BY ASSISTING MEMBER COUNTRIES AND THEIR INSTITUTIONS IN ANALYZING THE HEALTH ASPECTS OF POPULATION DYNAMICS AND BY PROMOTING RESEARCH STUDIES AND TRAINING OF A MULTI-DISCIPLINARY NATURE. ACTIVITIES ARE DIRECTED TOWARD THE FORMULATION OF ACCEPTABLE PROGRAMS WITHIN POLICIES ESTABLISHED BY THE GOVERNMENTS REGARDING THE DEVELOPMENT OF HUMAN AND MATERIAL RESOURCES TO MEET COUNTRY NEEDS.



THE ORGANIZATION HAS ESTABLISHED A CENTRAL OFFICE STAFF TO WORK IN THE FIELD OF HEALTH AND POPULATION DYNAMICS AND IS ACTIVELY DEVELOPING RESOURCES FOR FURTHER TECHNICAL GUIDANCE AND FIELD PROGRAMS. ACTIVITIES REQUESTED AND UNDER WAY ARE TECHNICAL ASSISTANCE TO MEMBER GOVERNMENTS THROUGH ANALYSIS OF EXISTING POPULATION PROGRAMS IN THE PUBLIC AS WELL AS IN THE PRIVATE SECTOR; ANALYSIS OF NATIONAL AND LOCAL HEALTH SERVICES TO DETERMINE THE FEASIBILITY OF INTRODUCING FAMILY PLANNING SERVICES; EVALUATION OF AVAILABLE RESOURCES AND COUNTRY REQUIREMENTS FOR PERSONNEL AND SUPPLIES; DEVELOPMENT OF TECHNICAL AND ADMINISTRATIVE RESOURCES FOR FAMILY PLANNING PROGRAMS ON NATIONAL AND REGIONAL BASES; IDENTIFICATION OF TRAINING NEEDS; EXPANSION AND PROMOTION OF EDUCATION AND TRAINING IN A MULTIDISCIPLINARY APPROACH; DEVELOPMENT OF PROGRAMS OF PUBLIC EDUCATION AND COMMUNICATION; AND STIMULATION AND COORDINATION OF RESEARCH IN VARIOUS ASPECTS OF HUMAN REPRODUCTION AND FERTILITY.

THE ORGANIZATION HAS INITIATED SEVERAL PROGRAMS IN HEALTH AND POPULATION DYNAMICS, INCLUDING RESEARCH AND FACULTY TRAINING CENTERS IN BIOSTATISTICS AND POPULATION DYNAMICS IN CHILE AND BRAZIL AND CONSULTANTS IN FAMILY PLANNING IN A NUMBER OF COUNTRIES. A POPULATION INFORMATION CENTER HAS BEEN ESTABLISHED FOR THE COMPILATION, PUBLICATION, AND DISSEMINATION OF RELEVANT INFORMATION ON POLICIES AND PROGRAMS OF ORGANIZATIONS PARTICIPATING IN PROGRAMS RELATED TO POPULATION DYNAMICS. IN ADDITION, THE ORGANIZATION HAS BEEN ACTIVE IN ORGANIZING MEETINGS OF VOLUNTARY AND PUBLIC AGENCIES INTERESTED IN THIS FIELD, AND SEVERAL CONFERENCES HAVE BEEN HELD ON POPULATION DYNAMICS.

	<u>1969</u>	<u>1970</u>	<u>1971</u>	<u>1972</u>
FUNDS BUDGETED	\$ 560,905	\$1,666,604	\$ 592,133	\$ 478,959
% OF TOTAL BUDGET	2.2	5.5	1.9	1.5
PROFESSIONAL POSTS	12	13	13	13
CONSULTANT MONTHS	42	58	21	11
FELLOWSHIPS	25	58	60	18
SEMINAR PARTICIPANTS	175	-	-	-

#### 5000 - REHABILITATION

REHABILITATION ADVISORY SERVICES CONSTITUTE A MAJOR AREA REQUIRING ACTION ON THE PART OF THE DEPARTMENT OF MEDICAL CARE ADMINISTRATION. DEVELOPING REHABILITATION SERVICES, INCLUDING SERVICES OF PHYSICAL MEDICINE, OCCUPATIONAL THERAPY, AND PROSTHETICS, AND THE TRAINING OF PERSONNEL TO PROVIDE THESE SERVICES ARE THE MAIN OBJECTIVES.

TRADITIONAL TRAINING COURSES CONTINUE SUCCESSFULLY IN MANY COUNTRIES, BUT PARTICULAR ATTENTION IS CURRENTLY BEING PAID TO ENSURE THAT SERVICES AND PERSONNEL ARE BEING ORGANIZED TO SUIT THE SOCIAL AND HEALTH PATTERNS OF THE COUNTRIES CONCERNED. WITH THIS IN MIND, MEETINGS ARE BEING ORGANIZED TO DISCUSS THE TRAINING OF DOCTORS, THERAPISTS, AND OTHER REHABILITATION PERSONNEL SPECIFICALLY FOR THE LATIN AMERICAN AREA.

A FURTHER DEVELOPMENT IS THE INVESTIGATION AS TO WHETHER SOME TRAINING OR SERVICE FACILITIES CAN BE ORGANIZED ON A REGIONAL BASIS. STUDIES TO THIS END ARE BEING MADE IN CENTRAL AMERICA AND THE ENGLISH-SPEAKING CARIBBEAN.

	<u>1969</u>	<u>1970</u>	<u>1971</u>	<u>1972</u>
FUNDS BUDGETED	\$ 112,494	\$ 197,032	\$ 154,590	\$ 122,041
% OF TOTAL BUDGET	0.4	0.6	0.5	0.3
PROFESSIONAL POSTS	5	5	4	3
CONSULTANT MONTHS	21	30	25	24
FELLOWSHIPS	3	12	6	3
SEMINAR PARTICIPANTS	-	50	-	-

### III. DEVELOPMENT OF EDUCATIONAL INSTITUTIONS

#### 6100 - PUBLIC HEALTH

TECHNICAL REORGANIZATION AND EXPANSION OF PUBLIC HEALTH SERVICES REQUIRE PROPERLY TRAINED PERSONNEL AT ALL LEVELS OF SERVICE. TO FULFILL THIS NECESSITY, SCHOOLS OF PUBLIC HEALTH ARE IN EXISTENCE IN ARGENTINA, BRAZIL, CANADA, CHILE, COLOMBIA, CUBA, MEXICO, PERU, THE UNITED STATES OF AMERICA, AND VENEZUELA. THE ORGANIZATION HAS AS ITS PRIMARY OBJECTIVE COLLABORATION IN STRENGTHENING AND IMPROVING THE TEACHING PROGRAMS, ADAPTING THEM TO THE NEEDS OF EACH COUNTRY.

THE ORGANIZATION COOPERATES CLOSELY WITH ALL OF THE SCHOOLS OF PUBLIC HEALTH IN THE HEMISPHERE, SENDING TO THE VARIOUS SCHOOLS FELLOWS FROM OTHER COUNTRIES OF THE REGION AND PROVIDING OPPORTUNITIES FOR DEANS AND FACULTY MEMBERS TO OBSERVE THE ADMINISTRATION AND ORGANIZATION OF OTHER PUBLIC HEALTH SCHOOLS OF THE WORLD THROUGH CONFERENCES AND SEMINARS.

IN 1968, A SURVEY WAS MADE OF THE ORGANIZATION AND PROGRAMS OF ALL THE SCHOOLS OF PUBLIC HEALTH IN LATIN AMERICA. THE FINDINGS WERE TABULATED AND ANALYZED AS A BASIS FOR DISCUSSION IN A CONFERENCE OF DIRECTORS OF THE SCHOOLS OF PUBLIC HEALTH HELD IN 1969. THE CONFERENCE MADE VALUABLE RECOMMENDATIONS FOR STRENGTHENING THE PROGRAMS OF THE SCHOOLS WITHIN THE CONTEXT OF SOCIOECONOMIC DEVELOPMENT OF THE REGION.

INCLUDED IN THE STAFF DEDICATED TO COOPERATION WITH SCHOOLS OF PUBLIC HEALTH IS ONE POST FOR THE PROMOTION AND EXPANSION OF CONTINUED EDUCATION IN PUBLIC HEALTH.

	<u>1969</u>	<u>1970</u>	<u>1971</u>	<u>1972</u>
FUNDS BUDGETED	\$ 107,083	\$ 199,577	\$ 256,971	\$ 208,222
% OF TOTAL BUDGET	0.4	0.6	0.8	0.6
PROFESSIONAL POSTS	3	4	3	3
CONSULTANT MONTHS	6	15	41	26
FELLOWSHIPS	7	18	15	16
SEMINAR PARTICIPANTS	37	-	28	-

#### 6200 - MEDICINE

THE DISPARITY BETWEEN THE EXISTING PROGRAMS FOR TRAINING OF PHYSICIANS AND THE ACTUAL FUNCTIONS THAT THEY ARE CALLED TO SERVE IN THEIR OWN COMMUNITIES TO SOLVE THE EXISTING AND FORESEEABLE HEALTH PROBLEMS IS AN EVER-INCREASING CONCERN OF HEALTH ADMINISTRATORS AND MEDICAL EDUCATORS OF LATIN AMERICA. OF GREATEST CONCERN IS THE INADEQUATE ORIENTATION THAT, IN GENERAL, THE PHYSICIAN RECEIVES CONCERNING HIS ROLE IN THE DEVELOPMENT OF HIS COMMUNITY AND HIS NATION. OF EQUAL CONCERN IS THAT THE PREPARATION OF THE PHYSICIAN TO APPROACH PROBLEMS OF HEALTH AND DISEASE FROM THE PREVENTIVE AND SOCIAL MEDICINE VIEWPOINT IS NOT AS GOOD AS WOULD BE DESIRABLE.

FURTHERMORE, THERE IS A GREAT NEED TO ESTABLISH SOME POINTS OF REFERENCE FOR DETERMINING THE NUMBER OF PHYSICIANS THAT A COUNTRY NEEDS, THE PRINCIPLES THAT GUIDE THE PRACTICE OF MEDICINE, AND, HENCE, THE DIRECTION TO BE GIVEN TO MEDICAL TEACHING. A CRITICAL GAP IN MEDICAL EDUCATION IN LATIN AMERICA IS THE LACK OF EDUCATIONAL FACILITIES FOR THE TRAINING OF FACULTY MEMBERS, PARTICULARLY IN THE WAY OF PROVIDING TRAINING IN PEDAGOGICAL METHODS AND ADMINISTRATION OF MEDICAL SCHOOLS. BETTER TRAINING IN TECHNICAL SUBJECTS IS STILL NEEDED, BUT IT IS THIS ASPECT ON WHICH THE MOST EMPHASIS IS NOW BEING PLACED BY NEARLY ALL AGENCIES INTERESTED IN MEDICAL EDUCATION.

THE ORGANIZATION IS APPROACHING THE PROBLEM IN VARIOUS WAYS: 1) STUDIES IN COOPERATION WITH INTERESTED INSTITUTIONS, ORIENTED TOWARD DETERMINING THE NEED FOR PHYSICIANS BOTH QUANTITATIVELY AND QUALITATIVELY; 2) ASSISTANCE IN THE DEVELOPMENT OF LATIN AMERICAN CENTERS FOR THE PREPARATION OF TEACHING PERSONNEL; 3) ADVISORY SERVICES BY CONSULTANTS AND FELLOWSHIPS FOR IMPROVING THE ORGANIZATION AND ADMINISTRATION OF MEDICAL SCHOOLS; 4) ADVISORY SERVICES BY CONSULTANTS AND FELLOWSHIPS FOR THE STRENGTHENING AND IMPROVEMENT OF THE TEACHING OF SOCIAL AND PREVENTIVE MEDICINE, AS WELL AS BASIC SCIENCES AND CLINICAL SUBJECTS, IN MEDICAL SCHOOLS AT THE UNDERGRADUATE AND THE POST-GRADUATE LEVELS; 5) LIMITED ASSISTANCE TO MEDICAL LIBRARIES IN THE FORM OF TRAINING OF MEDICAL LIBRARIANS AND BOOKS; 6) SMALL AMOUNTS OF LABORATORY EQUIPMENT AND SUPPLIES; AND 7) IMPROVEMENT OF COMMUNICATION AMONG VARIOUS INTERNATIONAL AGENCIES INTERESTED IN MEDICAL EDUCATION IN LATIN AMERICA, FOR A MORE COLLABORATIVE EFFORT. A QUARTERLY JOURNAL ON MEDICAL EDUCATION IN SPANISH IS PUBLISHED AND DISTRIBUTED AMONG THE MEDICAL EDUCATORS OF THE REGION. A PROGRAM TO SUPPLY ADEQUATE TEXTBOOKS TO MEDICAL STUDENTS IS IN OPERATION.

SHORT-TERM CONSULTANT SERVICES, FELLOWSHIPS, SMALL AMOUNTS OF SUPPLIES AND EQUIPMENT, AND ADVISORY SERVICES BY CENTRAL OFFICE OR ZONE STAFF ARE PROVIDED TO 18 LATIN AMERICAN COUNTRIES.

	<u>1969</u>	<u>1970</u>	<u>1971</u>	<u>1972</u>
FUNDS BUDGETED	\$1,010,333	\$1,386,715	\$1,269,139	\$1,412,364
% OF TOTAL BUDGET	4.0	4.6	4.2	4.5
PROFESSIONAL POSTS	14	16	17	19
CONSULTANT MONTHS	59	131	129	126
FELLOWSHIPS	53	79	131	148
SEMINAR PARTICIPANTS	-	28	-	-

#### 6300 - NURSING EDUCATION

THE PROVISION OF QUALITY NURSING CARE IS CONTINGENT NOT ONLY ON THE QUANTITY OF NURSING PERSONNEL AVAILABLE, BUT ALSO ON THE DEGREE TO WHICH THEY HAVE BEEN PREPARED TO ASSUME THEIR FUNCTIONS. THERE ARE 314 SCHOOLS OF NURSING IN LATIN AMERICA AND THE CARIBBEAN AREA. THE DURATION AND THE ENTRANCE REQUIREMENTS VARY FROM FOUR-YEAR PROGRAMS REQUIRING UNIVERSITY MATRICULATION TO TWO-YEAR PROGRAMS REQUIRING SIX TO EIGHT YEARS OF GENERAL EDUCATION. HOWEVER, A MARKED TREND EXISTS TO ESTABLISH SCHOOLS OF NURSING AT THE UNIVERSITY LEVEL.

POST-BASIC COURSES IN ONE OR MORE OF THE SPECIALIZED AREAS EXIST IN THIRTEEN COUNTRIES OF LATIN AMERICA. IN ADDITION, IN FIVE COUNTRIES SUPPLEMENTARY COURSES HAVE BEEN ESTABLISHED IN THE UNIVERSITIES SO THAT NURSES MIGHT OBTAIN A BACCALAUREATE DEGREE.

ALL TWENTY COUNTRIES IN LATIN AMERICA AND TEN COUNTRIES OF THE CARIBBEAN AREA HAVE ORGANIZED PROGRAMS FOR THE FORMAL PREPARATION OF NURSING AUXILIARY PERSONNEL, AND THE NUMBER OF COURSES IS BEING INCREASED RAPIDLY. TWO COUNTRIES HAVE ESTABLISHED AN INTERMEDIATE LEVEL OF NURSING PERSONNEL.

TO MEET THE NEEDS OF THE COUNTRIES, THE OBJECTIVES OF PAHO/WHO NURSING ADVISORY SERVICES ARE 1) TO ESTABLISH, WITHIN THE EDUCATIONAL SYSTEM OF THE COUNTRY, SYSTEMS OF NURSING EDUCATION ADEQUATE TO MEET THE NECESSITIES OF THE HEALTH PROGRAMS; 2) TO PROVIDE TRAINING IN TEACHING, ADMINISTRATION, AND THE CLINICAL SPECIALTIES FOR EXISTING GRADUATES; 3) TO INCREASE THE NUMBER AND TO IMPROVE EXISTING NURSING AUXILIARY TRAINING PROGRAMS; AND 4) TO REINFORCE AND BROADEN THE BASIC CURRICULA OF SCHOOLS OF NURSING.

THE ORGANIZATION COLLABORATES WITH THE MEMBER GOVERNMENTS IN THE DEVELOPMENT OF PROGRAMS RELATED TO THE ABOVE OBJECTIVES. THE TOTAL EFFORT IS CARRIED OUT BY ADVISERS ASSIGNED TO SPECIFIC EDUCATIONAL AND TRAINING PROJECTS, SHORT-TERM CONSULTANTS, NURSES ASSIGNED TO OTHER TYPES OF PROJECTS, FELLOWSHIPS, AND A SMALL AMOUNT OF EQUIPMENT AND SUPPLIES.

	<u>1969</u>	<u>1970</u>	<u>1971</u>	<u>1972</u>
FUNDS BUDGETED	\$ 283,413	\$ 359,863	\$ 430,185	\$ 462,728
% OF TOTAL BUDGET	1.1	1.1	1.4	1.5
PROFESSIONAL POSTS	13	13	12	12
CONSULTANT MONTHS	19	26	36	38
FELLOWSHIPS	36	23	26	29
SEMINAR PARTICIPANTS	31	-	70	94

#### 6400 - ENVIRONMENTAL SCIENCES

TRAINED PERSONNEL ARE BASIC TO THE DEVELOPMENT OF WATER SUPPLY, SEWERAGE, HOUSING, AND ALL OTHER ENVIRONMENTAL SANITATION PROGRAMS THAT ARE ESSENTIAL FOR IMPROVED HEALTH AND SOCIOECONOMIC DEVELOPMENT. AVAILABLE RESOURCES FOR THESE PROGRAMS ARE BEING MORE FULLY UTILIZED AS A RESULT OF THE ORGANIZATION'S EFFORTS. THE COUNTRIES ARE CONDUCTING INTENSIVE TRAINING PROGRAMS ON THE PLANNING, DESIGN, CONSTRUCTION, OPERATION, MAINTENANCE, AND ADMINISTRATION OF WATER SUPPLY SYSTEMS.

IN PURSUING ITS SANITARY ENGINEERING EDUCATION, TRAINING, AND RESEARCH PROGRAMS, THE ORGANIZATION RECOGNIZES THAT THE UNIVERSITY SHOULD ASSUME FULL RESPONSIBILITY, IN COOPERATION WITH APPROPRIATE GOVERNMENTAL AGENCIES, FOR THE TRAINING OF THE PERSONNEL NEEDED FOR NATIONAL TECHNICAL AND SCIENTIFIC PROGRAMS. THIS RESPONSIBILITY ALSO INCLUDES MANPOWER SURVEYS AND THE PROJECTION OF FUTURE NEEDS FOR QUALIFIED PERSONNEL, THE ACTIVE SEARCH FOR THE NECESSARY FUNDS, AND THE PROMOTION OF INTEREST OF PROSPECTIVE CANDIDATES.

THE ORGANIZATION'S POLICY IS TO CONCENTRATE ASSISTANCE ON THE STRENGTHENING OF THE EXISTING TEACHING INSTITUTIONS. ONE OF THE MOST URGENT NEEDS IS THE INCORPORATION OF SANITARY ENGINEERING SUBJECTS INTO UNDERGRADUATE CIVIL ENGINEERING COURSES. GRADUATE COURSES SHOULD BE LIMITED TO COUNTRIES OR REGIONAL AREAS WHERE AND WHEN DEVELOPMENT AND DEMAND FOR SPECIALIZED PROFESSIONALS FULLY JUSTIFY THEM. RESEARCH IN THE UNIVERSITIES WILL BE ENCOURAGED. THE ESTABLISHMENT OF CENTERS DEDICATED TO SERVICE, RESEARCH, AND TRAINING WILL BE FOSTERED; THESE CENTERS WILL RECEIVE MAXIMUM COOPERATION FROM SPECIALIZED GOVERNMENTAL AGENCIES, INDUSTRY, AND PRIVATE PRACTICING PROFESSIONALS. PRODUCTION OF TEXTBOOKS, MANUALS, AUDIOVISUAL AIDS, AND PRINTING FACILITIES, AS WELL AS ORGANIZATION OF LIBRARIES AND BETTER CONDITIONS FOR THEIR UTILIZATION WITHIN THE UNIVERSITIES, IS BEING PROMOTED.

IN ORDER TO INCORPORATE RESEARCH AS A NORMAL COMPONENT OF THE ACTIVITIES OF THE SCHOOLS OF SANITARY ENGINEERING, IT IS RECOMMENDED THAT THE ORGANIZATION SHOULD:

- 1) STIMULATE UNIVERSITIES TO PARTICIPATE IN SANITARY ENGINEERING RESEARCH THROUGH THE MECHANISMS ALREADY ESTABLISHED FOR THE TRAINING PROGRAMS IN OPERATION. THIS CONCEPT OF MAXIMUM LOCAL PARTICIPATION AND CONTRIBUTION WILL PERMIT THE ESTABLISHMENT OF AN OPERATIONAL NETWORK OF UNIVERSITIES ABLE TO CARRY OUT RESEARCH PROGRAMS.
- 2) WORK CLOSELY WITH MEMBER COUNTRIES AND MAJOR LENDING INSTITUTIONS TO DEVELOP AND OBTAIN SUPPORT FOR A GREATER NUMBER OF SANITARY ENGINEERING AND RELATED RESEARCH PROJECTS. SPECIAL ATTENTION SHOULD BE GIVEN TO PROGRAMS ADMINISTERED BY THE INTER-AMERICAN DEVELOPMENT BANK AND THE AGENCY FOR INTERNATIONAL DEVELOPMENT AND TO INCREASING THE NUMBER OF PROJECTS SUPPORTED BY THE UNITED NATIONS DEVELOPMENT PROGRAM.
- 3) ENCOURAGE AND PROVIDE TRAINING OPPORTUNITIES TO PROMISING INVESTIGATORS AND SUPPORT RESEARCH PROJECTS WITH FUNDS FROM PAHO AND FROM OTHER SOURCES.
- 4) ASSIST IN THE DEVELOPMENT OF SANITARY ENGINEERING RESEARCH PROGRAMS IN LATIN AMERICA, WITH THE ULTIMATE OBJECTIVE OF ESTABLISHING AN APPROPRIATE NETWORK OF COLLABORATING REGIONAL FACILITIES, MAKING IT POSSIBLE TO BETTER UTILIZE THE SCIENTIFIC RESOURCES AVAILABLE IN EACH COUNTRY. IN 1969, 22 RESEARCH PROJECTS WERE APPROVED - FOUR IN MEXICO, THREE IN ARGENTINA, FOUR IN BRAZIL, TWO IN COLOMBIA, EIGHT IN CHILE, AND ONE IN GUATEMALA.

THE ORGANIZATION HAS ASSISTED IN THE PREPARATION OF THE NECESSARY DOCUMENTS FOR PRESENTATION OF PROJECTS TO UNDP FOR IMPROVEMENT OF SANITARY ENGINEERING EDUCATION AND/OR DEVELOPMENT OF CENTERS OR INSTITUTES FOR RESEARCH, SERVICE, AND TRAINING IN ARGENTINA, BRAZIL, COLOMBIA, COSTA RICA, EL SALVADOR, GUATEMALA, MEXICO, PERU, TRINIDAD AND TOBAGO, AND VENEZUELA. THREE OF THESE PROJECTS ARE NOW IN OPERATION. THE FIRST IS AT THE MAJOR UNIVERSITIES IN VENEZUELA FOR IMPROVEMENT OF SANITARY ENGINEERING EDUCATION CONDITIONS IN THE COUNTRY; THE SECOND IS FOR THE DEVELOPMENT OF AN INSTITUTE OF SANITARY ENGINEERING IN RIO DE JANEIRO, BRAZIL; AND THE THIRD IS AT THE NATIONAL UNIVERSITY OF COLOMBIA IN BOGOTA, FOR IMPROVEMENT AND EXPANSION OF THE TEACHING OF CIVIL ENGINEERING. WHO IS THE EXECUTING AGENCY FOR THE FIRST TWO PROJECTS; THE THIRD IS UNDER UNESCO, PAHO HAVING HELPED IN THE SANITARY ENGINEERING ASPECTS.

DURING THE PERIOD 1961-1968, TECHNICAL ASSISTANCE IN REVIEWING PROGRAMS, IMPROVEMENT OF FACILITIES, AND ORGANIZATION OF SHORT COURSES WAS PROVIDED TO 36 SCHOOLS IN ALMOST EVERY COUNTRY IN THE REGION. ASSISTANCE FOR THE STIMULATION OF CONTINUING EDUCATION ACTIVITIES IN THE FIELD OF SANITARY ENGINEERING IS BEING EXPANDED. WITH THE COOPERATION OF THE OAS, IDB, AID, AND OTHER AGENCIES, SEVERAL SHORT COURSES IN THE VARIOUS ASPECTS OF WATER SUPPLY HAVE BEEN PROMOTED WITH THE OBJECTIVE OF INTEGRATING SUCH TRAINING IN THE REGULAR ACTIVITIES OF THE UNIVERSITY. IN 1968, 50 SHORT COURSES, FOUR INTERNATIONAL SEMINARS, FOUR NATIONAL SEMINARS, AND ONE SYMPOSIUM WERE ORGANIZED, WITH 1,563 PARTICIPANTS.

THE GOALS FOR 1969 AND 1970 INCLUDE STRENGTHENING THE BASIC CONCEPTS OF THE SANITARY ENGINEERING TRAINING AND EDUCATION PROGRAMS. EMPHASIS WILL BE ON INTEGRATING THE TRAINING AS PART OF THE REGULAR UNIVERSITY ACTIVITIES, ON BROADENING THE SCOPE OF TRAINING TO MEET CHANGING NEEDS, AND ON INCREASING THE RESEARCH ACTIVITIES. SIGNIFICANT PROGRESS IS BEING MADE IN ESTABLISHING THE NETWORK OF TRAINING OPERATIONS IN LATIN AMERICA. IT IS IMPORTANT THAT THIS MOMENTUM BE SUSTAINED TO MEET THE GROWING NEEDS. INCREASED RESOURCES FROM THE ORGANIZATION AND OUTSIDE SUPPORT WILL BE REQUIRED.

ONE IMPORTANT FACTOR IN THE SUCCESS OF PROGRAMS IN EDUCATION IS THAT MOST OF THE COUNTRIES NOW HAVE A CORE OF HIGHLY COMPETENT GRADUATE SANITARY ENGINEERS, CAPABLE OF DIRECTING AND SUPERVISING ENGINEERING ACTIVITIES, TRAINED THROUGH THE REGULAR FELLOWSHIP PROGRAM OF THE ORGANIZATION AND OTHER INTERNATIONAL AGENCIES.

THE PROGRAM IS NOW EMPHASIZING THE ESTABLISHMENT OF RESEARCH PROJECTS IN SANITARY ENGINEERING IN SEVERAL UNIVERSITIES IN LATIN AMERICA. IT IS EXPECTED TO SIGNIFICANTLY EXPAND THIS ACTIVITY IN 1969.

	<u>1969</u>	<u>1970</u>	<u>1971</u>	<u>1972</u>
FUNDS BUDGETED	\$ 482,770	\$ 522,302	\$ 529,947	\$ 479,827
% OF TOTAL BUDGET	1.9	1.7	1.7	1.5
PROFESSIONAL POSTS	8	8	8	6
CONSULTANT MONTHS	31	46	39	46
FELLOWSHIPS	10	31	25	22

#### 6500 - VETERINARY MEDICINE

WITH BETTER DEFINITION OF THE ROLE OF PUBLIC HEALTH VETERINARIANS IN PUBLIC HEALTH SERVICES HAS COME EVER-INCREASING DEMANDS FOR TRAINED PERSONNEL. THIRTY-FIVE NEW SCHOOLS OF VETERINARY MEDICINE HAVE BEEN ESTABLISHED SINCE 1957, BUT MORE AND BETTER USE OF EXISTING INSTITUTIONS AND TEACHING PERSONNEL MUST BE A FIRST STEP TO OVERCOMING THE PRESENT SHORTAGES OF GRADUATE VETERINARIANS.

TO THE FUNDAMENTAL TRAINING IN VETERINARY MEDICINE MUST BE ADDED TEACHING IN THE SPECIFIC PROBLEMS, TECHNIQUES, AND PHILOSOPHY OF PUBLIC HEALTH IN ORDER FOR VETERINARIANS TO BE FULLY EFFECTIVE IN THEIR ROLE IN PROVIDING HEALTH SERVICES. IT IS IN THIS AREA ESPECIALLY THAT THE ORGANIZATION DIRECTS ITS EFFORTS. THROUGH CONSULTATIVE SERVICES, FELLOWSHIP TRAINING, AND TECHNICAL ASSISTANCE, IT PROVIDES TO THE VARIOUS SCHOOLS HELP AND GUIDANCE IN THE TEACHING OF PREVENTIVE MEDICINE AND PUBLIC HEALTH.

IN RECENT YEARS, FOUR SEMINARS ON THE TEACHING OF PREVENTIVE MEDICINE AND PUBLIC HEALTH IN SCHOOLS OF VETERINARY MEDICINE IN THE AMERICAS WERE SPONSORED BY THE ORGANIZATION. SIGNIFICANT PROGRESS IN MODIFYING TEACHING OBJECTIVES, METHODS, AND CURRICULUM HAS BEEN MADE, STIMULATED BY THESE CONFERENCES.

BESIDES THE FELLOWSHIPS FOR FACULTY MEMBERS, THE ORGANIZATION PROVIDES CONSULTANTS IN EDUCATION OF VETERINARIANS.

	<u>1969</u>	<u>1970</u>	<u>1971</u>	<u>1972</u>
FUNDS BUDGETED	\$ 52,700	\$ 92,000	\$ 78,000	\$ 112,700
% OF TOTAL BUDGET	0.2	0.3	0.2	0.3
CONSULTANT MONTHS	12	21	18	24
FELLOWSHIPS	6	15	14	17
SEMINAR PARTICIPANTS	-	-	-	32

6600 - DENTISTRY

THE BASIC RESOURCE FOR THE PROVISION OF DENTAL HEALTH SERVICES IS THE PRACTICING DENTIST. IN VIEW OF THE SHORTAGES OF SUCH PERSONNEL IN MEMBER COUNTRIES, THE ORGANIZATION HAS BEEN INTERESTED IN INCREASING THE QUANTITY AND IMPROVING THE QUALITY OF DENTISTS AND AT THE SAME TIME IN UTILIZING EXISTING RESOURCES MORE EFFECTIVELY. CONSEQUENTLY, ASSISTANCE HAS BEEN PROVIDED TO STRENGTHEN TEACHING PROGRAMS IN FACULTIES OF DENTISTRY, AND TRAINING COURSES HAVE BEEN PROVIDED TO IMPROVE THE EFFICIENCY OF DENTAL PRACTICE AND THE DEVELOPMENT AND UTILIZATION OF AUXILIARY PERSONNEL.

IT IS ALSO EVIDENT THAT THE DENTISTS GRADUATED FROM FACULTIES OF DENTISTRY WITH TRADITIONAL CURRICULA LACK COMMUNITY ORIENTATION IN RELATION TO THE PROVISION OF DENTAL SERVICES. TO STIMULATE CHANGE IN THE TRADITIONAL DENTAL CURRICULUM, THE ORGANIZATION HELD A SERIES OF THREE LATIN AMERICAN SEMINARS FOR A CAREFUL ANALYSIS OF THE SITUATION IN DENTAL EDUCATION. THESE SEMINARS, CONDUCTED IN COLLABORATION WITH THE KELLOGG FOUNDATION UNDER PROJECT AMRO-6607, WERE HELD IN BOGOTA, 1962; MEXICO, 1964; AND PETROPOLIS, 1966. AN ANALYSIS OF THE CURRENT SITUATION IN DENTAL EDUCATION WAS PRESENTED, TOGETHER WITH SPECIFIC ANALYSIS OF DENTAL EDUCATIONAL SYSTEMS IN CERTAIN COUNTRIES. THOSE SEMINARS WERE ATTENDED BY DENTAL EDUCATORS FROM THROUGHOUT THE 101 FACULTIES OF DENTISTRY IN LATIN AMERICA. SUBSEQUENTLY, THE ORGANIZATION HAS CONDUCTED THREE SURVEYS AND PUBLISHED DIRECTORIES OF DENTAL SCHOOLS, DENTAL JOURNALS, AND DENTAL AUXILIARY TRAINING INSTITUTIONS IN THE REGION.

IN ADDITION, EMPHASIS HAS BEEN PLACED ON THE DEVELOPMENT OF DEPARTMENTS OF PREVENTIVE AND SOCIAL DENTISTRY IN DENTAL SCHOOLS. THE FIRST SUCH DEPARTMENT WAS ESTABLISHED WITH THE ASSISTANCE OF THE W. K. KELLOGG FOUNDATION IN 1961 WHEN THE DEPARTMENT OF PREVENTIVE AND SOCIAL DENTISTRY WAS ESTABLISHED AT THE UNIVERSITY OF ANTIOQUIA, COLOMBIA, UNDER PROJECT COLOMBIA-6600. THE SUBSEQUENT RESPONSE FROM OTHER DENTAL SCHOOLS IN LATIN AMERICA HAS BEEN SUCH THAT THERE ARE NOW MORE THAN TEN SIMILAR DEPARTMENTS ESTABLISHED. NEW TEACHING CURRICULA HAVE ALSO SUBSEQUENTLY BEEN INTRODUCED IN THE DENTAL SCHOOLS IN CARACAS, MEDELLIN, AND MARACAIBO.

A NEW PROGRAM HAS BEEN INITIATED IN THE REGION FOR THE DEVELOPMENT OF INTERNATIONAL CENTERS OF QUALITY CONTROL AND RESEARCH IN DENTAL MATERIALS. IT IS PROPOSED TO ESTABLISH FIVE CENTERS IN LATIN AMERICA WITH ASSISTANCE FROM THE KELLOGG FOUNDATION. THIS PROGRAM WOULD FULFILL OBJECTIVES IN THE TRAINING OF TEACHERS AND RESEARCH WORKERS, PROVIDE ADVISORY SERVICES TO THE MINISTRIES OF HEALTH, AND ENSURE QUALITY OF THE DENTAL MATERIALS PRODUCED LOCALLY OR INTERNATIONALLY. THE FIRST CENTER WAS ESTABLISHED IN CARACAS, VENEZUELA AND DEDICATED IN 1969.

TWO INTERNATIONAL COURSES HAVE BEEN CONDUCTED IN ORAL MICROBIOLOGY IN RIO DE JANEIRO, BRAZIL AND MEDELLIN, COLOMBIA. A LATIN AMERICAN ASSOCIATION OF TEACHERS IN ORAL MICROBIOLOGY WAS ESTABLISHED AND A REFERENCE CENTER CREATED FOLLOWING THE COURSE AT THE UNIVERSITY OF ANTIOQUIA, MEDELLIN.

THE CURRENT ACTIVITIES OF THE ORGANIZATION IN DENTAL EDUCATION INCLUDE SHORT-TERM CONSULTANTS AND FELLOWSHIPS, WHICH HAVE BEEN PROVIDED IN PREVENTIVE DENTISTRY, PUBLIC HEALTH, EPIDEMIOLOGY, DENTAL MATERIALS, ORAL MICROBIOLOGY, AND ORAL PATHOLOGY.

ESTABLISHMENT OF A SYSTEM FOR INTERCHANGE OF INFORMATION IS AN IMPORTANT ACTIVITY OF THIS ORGANIZATION. IN THIS REGARD, 3,000 COPIES EACH OF DIRECTORIES OF 1) DENTAL SCHOOLS IN LATIN AMERICA, 2) THE DENTAL AUXILIARY EDUCATION PROGRAM IN LATIN AMERICA, AND 3) LATIN AMERICA DENTAL JOURNALS WERE COMPILED AND DISTRIBUTED. ALSO, A SCIENTIFIC MONOGRAPH ON PRINCIPLES OF DENTAL CURRICULA WAS COMPLETED AND WILL BE DISTRIBUTED.

	<u>1969</u>	<u>1970</u>	<u>1971</u>	<u>1972</u>
FUNDS BUDGETED	\$ 68,496	\$ 122,957	\$ 129,426	\$ 136,165
% OF TOTAL BUDGET	0.2	0.4	0.4	0.4
PROFESSIONAL POSTS	-	-	1	1
CONSULTANT MONTHS	21	28	28	28
FELLOWSHIPS	4	23	24	22

6700 - BIostatistics

THE EDUCATION AND TRAINING PROGRAM EMBRACING HEALTH, MEDICAL, AND HOSPITAL STATISTICS FOR PERSONNEL WORKING AT THE PROFESSIONAL, TECHNICAL, AND AUXILIARY LEVELS IS FUNDAMENTAL IN PROVIDING ESSENTIAL DATA FOR SOUND PLANNING AND FOR EVALUATION OF PROGRAMS. THE STATISTICAL METHOD IS TAUGHT NOT ONLY TO IMPART A WORKING KNOWLEDGE OF TECHNIQUES AND PROCEDURES, BUT ALSO TO DEVELOP A FULL UNDERSTANDING OF THE REASONING AND LOGICAL PRECEPTS INVOLVED IN PLANNING FOR THE NEEDS OF A COMMUNITY OR COUNTRY IN ACCORDANCE WITH ITS RESOURCES. SEVERAL EDUCATIONAL PROGRAMS HAVE BEEN CARRIED ON WITH INCREASING SUCCESS IN SCHOOLS OF PUBLIC HEALTH AND MEDICINE IN LATIN AMERICA.

AT THE SECOND CONFERENCE OF DIRECTORS OF SCHOOLS OF PUBLIC HEALTH, SPECIAL ATTENTION WAS FOCUSED ON THE TEACHING OF BIostatistics. THE CONFERENCE AGREED THAT SCHOOLS OF PUBLIC HEALTH SHOULD PREPARE IN THEIR DEPARTMENTS OF STATISTICS ALL TYPES OF STUDENTS, SOME WORKING WITH STRICTLY STATISTICAL FUNCTIONS AND OTHERS WORKING IN VARIOUS OTHER FIELDS. IT WAS RECOGNIZED THAT NOT ALL SCHOOLS OF PUBLIC HEALTH WOULD PREPARE STATISTICIANS OF THE PROFESSIONAL LEVEL, BUT THAT PREPARATION OF TECHNICIANS IN HEALTH STATISTICS WOULD BE THE RESPONSIBILITY OF ALL SCHOOLS OF PUBLIC HEALTH. THE REGIONAL ADVISORY COMMITTEE ON HEALTH STATISTICS IN 1968 RECOMMENDED THE CREATION OF NEW RESEARCH AND TRAINING CENTERS IN MEDICAL STATISTICS AND STRENGTHENING OF CENTERS ALREADY EXISTING.

SINCE 1953 THE SCHOOL OF PUBLIC HEALTH IN CHILE HAS CONDUCTED EACH YEAR AN INTERNATIONAL TRAINING PROGRAM IN VITAL AND HEALTH STATISTICS. DURING THE PERIOD 1953-1966, 388 STUDENTS FROM 20 COUNTRIES HAD RECEIVED TRAINING. THE SCHOOL IS NOW GIVING INSTRUCTION IN BIOSTATISTICS FOR PHYSICIANS AND OTHER UNIVERSITY GRADUATES. THE COURSE CONTENT WAS CONSIDERABLY EXPANDED IN 1968 TO INCLUDE DEMOGRAPHY, SAMPLING, AND DESIGN OF EXPERIMENTS, AND WAS REVISED AGAIN IN 1970 TO PROVIDE A TWO-YEAR COURSE WITH GREATER DEPTH IN STATISTICAL METHODOLOGY. OTHER SCHOOLS OF PUBLIC HEALTH, IN BUENOS AIRES, ARGENTINA; MEDELLIN, COLOMBIA; MEXICO CITY, MEXICO; AND LIMA, PERU, ARE ALSO GIVING COURSES IN VITAL AND HEALTH STATISTICS AT THE INTERMEDIATE LEVEL. JAMAICA, CUBA AND PARAGUAY ALSO PROVIDE TRAINING AT THE INTERMEDIATE LEVEL. IN THE FOUR YEARS, 1966-1969, 882 STUDENTS FROM 22 COUNTRIES AND 11 OTHER AREAS WERE TRAINED IN THESE COURSES.

TRAINING AT THE PROFESSIONAL LEVEL IS OFFERED AT THE SCHOOLS OF PUBLIC HEALTH IN SANTIAGO AND SÃO PAULO. THE BIOSTATISTICS EDUCATION PROGRAM INCLUDES THE DEVELOPMENT OF COURSES ON STATISTICS FOR PREPARATION OF PROFESSORS OF MEDICAL STATISTICS IN SCHOOLS OF MEDICINE, AND ADDITIONAL CENTERS ARE BEING PLANNED IN OTHER COUNTRIES OF THE REGION.

TRAINING OF PERSONNEL IN MEDICAL RECORDS AND HOSPITAL STATISTICS IS BEING CARRIED OUT IN MANY COUNTRIES. TRAINING CENTERS FOR MEDICAL RECORDS PERSONNEL ARE BEING DEVELOPED IN COUNTRIES WHERE COURSES FOR HOSPITAL ADMINISTRATORS ARE ALSO BEING GIVEN. A COURSE OF FIVE MONTHS IN MEDICAL RECORDS AND STATISTICS FOR CENTRAL AMERICA WAS GIVEN EACH YEAR 1966-1969 IN SAN JOSE, COSTA RICA AND WILL AGAIN BE GIVEN IN 1970. PLANS HAVE ALSO BEEN DEVELOPED FOR TRAINING IN BUENOS AIRES, MEDELLIN, AND LIMA AS PART OF THE HEALTH STATISTICS COURSES.

COURSES ON THE INTERNATIONAL CLASSIFICATION OF DISEASES HAVE BEEN PROVIDED TO OVER 1,200 PERSONS BY THE LATIN AMERICAN CENTER IN CARACAS, VENEZUELA, BETWEEN 1961 AND 1969. AN EXTENSIVE TRAINING PROGRAM IN THE CLASSIFICATION OF DISEASES HAS BEEN UNDER WAY IN 1967, 1968, AND 1969 TO FACILITATE THE INTRODUCTION OF THE EIGHTH REVISION. ALREADY A SEMINAR AND 15 COURSES HAVE BEEN GIVEN IN SPANISH, REACHING ALL THE COUNTRIES IN LATIN AMERICA, AND TWO HAVE BEEN GIVEN IN ENGLISH FOR THE ENGLISH-SPEAKING AREAS OF THE CARIBBEAN.

SPECIAL SHORT COURSES ARE BEING DEVELOPED IN MANY COUNTRIES FOR PREPARATION OF AUXILIARY STATISTICAL PERSONNEL TO MAINTAIN RECORDS AND PREPARE ROUTINE REPORTS IN HEALTH SERVICES AND HOSPITALS. IN THE PERIOD 1966-1969, OVER 3,000 PERSONS RECEIVED TRAINING.

RESEARCH TRAINING CENTERS ON HEALTH AND POPULATION DYNAMICS ARE NOW BEING ESTABLISHED IN SANTIAGO, CHILE AND SÃO PAULO, BRAZIL FOR PREPARATION OF FACULTY IN MEDICAL SCHOOLS, STATISTICIANS IN HEALTH SERVICES, AND RESEARCH WORKERS FROM LATIN AMERICA IN DEMOGRAPHIC AND RESEARCH METHODS AS RELATED TO THE HEALTH FIELD. THE FIRST COURSE WAS GIVEN IN 1966 IN CHILE, AND COURSES WERE GIVEN IN 1967, 1968, AND 1969 IN CHILE AND IN SÃO PAULO.

FELLOWSHIPS ARE GIVEN FOR STUDENTS FOR MANY OF THESE COURSES; IN ADDITION, GRANTS ARE GIVEN TO THE SCHOOL OF PUBLIC HEALTH IN CHILE AND SÃO PAULO AND THE LATIN AMERICAN CENTER FOR CLASSIFICATION OF DISEASES TO FACILITATE THEIR INTERNATIONAL COURSES. ALSO, CONSULTANTS ARE PROVIDED ON MEDICAL RECORDS AND ON MEDICAL AND HOSPITAL STATISTICS.

	<u>1969</u>	<u>1970</u>	<u>1971</u>	<u>1972</u>
FUNDS BUDGETED	\$ 106,671	\$ 184,885	\$ 205,254	\$ 215,194
% OF TOTAL BUDGET	0.4	0.6	0.6	0.7
PROFESSIONAL POSTS	6	6	7	7
CONSULTANT MONTHS	1	9	11	11
FELLOWSHIPS	-	6	5	5

#### IV. PROGRAM SERVICES

CERTAIN ACTIVITIES OF THE ORGANIZATION SUPPORT DIRECTLY PROGRAMS OF THE VARIOUS MEMBER GOVERNMENTS, BUT THEY DO NOT LEND THEMSELVES READILY TO DISTRIBUTION BY PROGRAM. THESE STAFF ACTIVITIES HAVE BEEN GROUPED IN ONE CATEGORY FOR REVIEW. THEY ARE THE COSTS RELATED TO EVALUATION AND REPORTING ON PROJECTS; PLACEMENT AND FOLLOW-UP OF FELLOWSHIP AWARDS; PRODUCTION OF VISUAL AIDS; EDITORIAL SERVICES; LIAISON AND PUBLIC INFORMATION; LIBRARY; AND COMPUTER SERVICES.

	<u>1969</u>	<u>1970</u>	<u>1971</u>	<u>1972</u>
FUNDS BUDGETED	\$1,172,934	\$1,345,004	\$1,438,915	\$1,512,184
% OF TOTAL BUDGET	4.7	4.4	4.8	4.9
PROFESSIONAL POSTS	36	34	34	34

#### V. ADMINISTRATIVE DIRECTION

##### 8100 - EXECUTIVE AND TECHNICAL DIRECTION

IN A COMPLEX INTERNATIONAL ORGANIZATION WHOSE EFFORTS ARE BASED ON THE TECHNICAL CONTENT OF PROGRAMS OF THE MEMBER GOVERNMENTS, EXECUTIVE AND TECHNICAL DIRECTION IS HEAVILY WEIGHTED ON THE SIDE OF PROGRAM CONTENT RATHER THAN DAY-TO-DAY ADMINISTRATION COMMON TO MOST ORGANIZATIONS. TO REFLECT THIS, A SEPARATE CATEGORY HAS BEEN ESTABLISHED TO INCLUDE THE DIRECTOR'S OFFICE AND THE OFFICE OF THE CHIEF OF ADMINISTRATION.

	<u>1969</u>	<u>1970</u>	<u>1971</u>	<u>1972</u>
FUNDS BUDGETED	\$ 227,503	\$ 237,448	\$ 249,160	\$ 257,546
% OF TOTAL BUDGET	0.9	0.7	0.8	0.8
PROFESSIONAL POSTS	4	4	4	4

#### 8200 - ADMINISTRATIVE SERVICES

ADMINISTRATIVE SERVICES ARE ORGANIZED TO STREAMLINE THE SUPPORTING SERVICES, FREEING FIELD STAFF FOR TECHNICAL SERVICES BY RELIEVING THEM OF AS MUCH ADMINISTRATIVE DETAIL AS POSSIBLE. PERSONNEL AND ACCOUNTING ACTIVITIES ARE CENTRALIZED, AND ALLOTMENTS ARE BEING ISSUED TO COUNTRY REPRESENTATIVES IN TERMS OF THE ELEMENTS NEEDED TO CARRY OUT THE PROGRAM RATHER THAN IN DOLLARS. THESE ACTIONS HAVE MADE POSSIBLE THE OPERATION OF ZONE OFFICES WITH LIMITED ADMINISTRATIVE STAFF.

THIS GROUPING INCLUDES THE OFFICES FOR BUDGET, FINANCE, PERSONNEL, SUPPLY, PROPERTY SERVICES, AND RECORDS AND COMMUNICATIONS, AS WELL AS PORTIONS OF EACH OF THE ZONE OFFICES.

	<u>1969</u>	<u>1970</u>	<u>1971</u>	<u>1972</u>
FUNDS BUDGETED	\$1,439,426	\$1,469,298	\$1,618,201	\$1,735,541
% OF TOTAL BUDGET	5.8	4.8	5.3	5.6
PROFESSIONAL POSTS	34	35	36	36

#### 8300 - GENERAL EXPENSES

GENERAL EXPENSES IS THE CATEGORY THAT SHOWS THE ROUTINE SUPPLY AND MAINTENANCE SERVICES FOR BOTH DIRECT AND INDIRECT PROGRAM ELEMENTS OF THE BUDGET. GENERAL SUPPLIES, CONTRACTUAL SERVICES, EQUIPMENT, RENTALS, UTILITIES, AND THE LIKE ARE SUMMARIZED UNDER THIS HEADING FOR HEADQUARTERS AND THE SIX ZONE OFFICES.

	<u>1969</u>	<u>1970</u>	<u>1971</u>	<u>1972</u>
FUNDS BUDGETED	\$1,300,191	\$1,328,390	\$1,382,785	\$1,435,220
% OF TOTAL BUDGET	5.2	4.4	4.6	4.6

#### VI. GOVERNING BODIES

THE PAN AMERICAN HEALTH ORGANIZATION IS GOVERNED BY THE PAN AMERICAN SANITARY CONFERENCE, WHICH MEETS EVERY FOUR YEARS. THE DIRECTING COUNCIL ACTS FOR THE CONFERENCE IN THE INTERVENING YEARS. IN ADDITION, THE EXECUTIVE COMMITTEE OF THE DIRECTING COUNCIL HOLDS TWO REGULAR MEETINGS EVERY YEAR.

BY AGREEMENT WITH THE WORLD HEALTH ORGANIZATION, THE PAN AMERICAN HEALTH ORGANIZATION ALSO SERVES AS THE REGIONAL COMMITTEE OF THE WORLD HEALTH ORGANIZATION.

THE CATEGORY, GOVERNING BODIES, COVERS THE COST OF SCHEDULED MEETINGS AND SUPPORTING STAFF. THE STAFF ALSO SUPPORTS OTHER SEMINARS AND CONFERENCES AS TIME ALLOWS.

	<u>1969</u>	<u>1970</u>	<u>1971</u>	<u>1972</u>
FUNDS BUDGETED	\$ 399,107	\$ 461,224	\$ 493,400	\$ 497,862
% OF TOTAL BUDGET	1.6	1.5	1.6	1.6
PROFESSIONAL POSTS	9	10	10	10

VII. INCREASE TO ASSETS

UNDER THIS CATEGORY IS SHOWN THE AMOUNT FOR INCREASING THE WORKING CAPITAL FUND IN ACCORDANCE WITH RESOLUTION VII OF THE XI DIRECTING COUNCIL.

	<u>1969</u>	<u>1970</u>	<u>1971</u>	<u>1972</u>
FUNDS BUDGETED	\$ 20,361	\$ 150,000	\$ 250,000	\$ 350,000
% OF TOTAL BUDGET	*	0.4	0.8	1.1

\*LESS THAN 0.05 PERCENT.



## SUMMARY

## ALL PARTS - ALL FUNDS

1969 - 1970 - 1971 - 1972

DETAIL BY PART:	FUND SYMBOL	NUMBER OF POSTS				INVESTMENT			
		1969	1970	1971	1972	1969	1970	1971	1972
PART I - ORGANIZATIONAL MEETINGS - TOTAL		<u>18</u>	<u>20</u>	<u>20</u>	<u>20</u>	<u>399,107</u>	<u>461,224</u>	<u>493,400</u>	<u>497,862</u>
PAHO REGULAR	PR	13	15	15	15	290,906	339,620	363,598	354,987
WHO REGULAR	WR	5	5	5	5	108,201	121,604	129,802	132,875
PART II - HEADQUARTERS - TOTAL		<u>270</u>	<u>280</u>	<u>280</u>	<u>282</u>	<u>4,752,602</u>	<u>5,102,782</u>	<u>5,445,690</u>	<u>5,739,825</u>
PAHO REGULAR	PR	183	193	194	196	3,268,250	3,398,327	3,642,169	3,769,741
WHO REGULAR	WR	83	83	82	82	1,414,907	1,633,302	1,723,428	1,885,317
WHO GRANTS AND OTHER	WO	4	4	4	4	69,445	71,143	80,093	84,767
PART III - FIELD AND OTHER PROGRAMS - TOTAL		<u>918</u>	<u>920</u>	<u>935</u>	<u>925</u>	<u>18,321,636</u>	<u>22,830,725</u>	<u>22,128,447</u>	<u>22,320,515</u>
PAHO REGULAR	PR	361	377	389	414	7,266,343	8,393,446	9,326,530	10,480,799
PAHO SPECIAL MALARIA	PM	62	41	31	21	1,142,862	1,111,991	829,868	619,242
PAHO COMMUNITY WATER SUPPLY	PW	-	2	2	2	56,742	238,863	199,922	119,698
GRANTS AND OTHER CONTRIBUTIONS TO PAHO	PG	186	193	190	186	2,877,138	4,464,380	2,379,188	2,025,094
INCAP AND RELATED GRANTS	PI	103	94	94	94	420,952	394,545	394,545	394,545
WHO REGULAR	WR	111	122	130	132	4,707,237	4,888,604	5,418,270	5,903,808
WHO MALARIA ERADICATION SPECIAL ACCOUNT	WA	7	-	-	-	177,519	-	-	-
WHO UNITED NATIONS TECHNICAL ASSISTANCE	WT	53	50	61	54	926,333	1,661,347	2,101,925	2,011,825
UNITED NATIONS SPECIAL FUND	WS	32	38	35	20	673,097	1,631,977	1,454,938	752,445
WHO GRANTS AND OTHER	WO	3	3	3	2	73,413	45,492	23,261	13,059
PART IV - SPECIAL FUND FOR HEALTH PROMOTION - TOTAL		<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>250,000</u>	<u>250,000</u>	<u>250,000</u>	<u>250,000</u>
PAHO REGULAR	PR	-	-	-	-	250,000	250,000	250,000	250,000
PART V - INCREASE TO ASSETS - TOTAL		<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>150,000</u>	<u>250,000</u>	<u>350,000</u>
PAHO REGULAR	PR	-	-	-	-	-	150,000	250,000	250,000
PART VI - PAN AMERICAN FOOT-AND-MOUTH DISEASE CENTER - TOTAL		<u>156</u>	<u>161</u>	<u>159</u>	<u>162</u>	<u>1,076,215</u>	<u>1,320,716</u>	<u>1,405,034</u>	<u>1,545,537</u>
PAHO REGULAR	PR	156	161	159	162	1,069,035	1,320,716	1,405,034	1,545,537
GRANTS AND OTHER CONTRIBUTIONS TO PAHO	PG	-	-	-	-	7,180	-	-	-
TOTAL - ALL PARTS		<u>1,362</u>	<u>1,381</u>	<u>1,394</u>	<u>1,389</u>	<u>24,799,560</u>	<u>30,115,457</u>	<u>29,972,571</u>	<u>30,703,739</u>
DETAIL BY FUND:									
PAHO REGULAR	PR	713	746	757	787	12,144,534	13,852,119	15,237,331	16,761,064
PAHO SPECIAL MALARIA	PM	62	41	31	21	1,142,862	1,111,991	829,868	619,242
PAHO COMMUNITY WATER SUPPLY	PW	-	2	2	2	56,742	238,863	199,922	119,698
GRANTS AND OTHER CONTRIBUTIONS TO PAHO	PG	186	193	190	186	2,884,318	4,464,380	2,379,188	2,025,094
INCAP AND RELATED GRANTS	PI	103	94	94	94	420,952	394,545	394,545	394,545
WHO REGULAR	WR	199	210	217	219	6,230,345	6,643,600	7,271,500	7,922,000
WHO MALARIA ERADICATION SPECIAL ACCOUNT	WA	7	-	-	-	177,519	-	-	-
WHO UNITED NATIONS TECHNICAL ASSISTANCE	WT	53	50	61	54	926,333	1,661,347	2,101,925	2,011,825
UNITED NATIONS SPECIAL FUND	WS	32	38	35	20	673,097	1,631,977	1,454,938	752,445
WHO GRANTS AND OTHER	WO	7	7	7	6	142,858	116,635	103,354	97,826
TOTAL - ALL PARTS		<u>1,362</u>	<u>1,381</u>	<u>1,394</u>	<u>1,389</u>	<u>24,799,560</u>	<u>30,115,457</u>	<u>29,972,571</u>	<u>30,703,739</u>

## PART I - ORGANIZATIONAL MEETINGS

## PROGRAM BUDGET

1 9 6 9		1 9 7 0		1 9 7 1		1 9 7 2	
AMOUNT	PERCENT	AMOUNT	PERCENT	AMOUNT	PERCENT	AMOUNT	PERCENT
\$		\$		\$		\$	
399,107	100.0	461,224	100.0	493,400	100.0	497,862	100.0
399,107	100.0	461,224	100.0	493,400	100.0	497,862	100.0

\* LESS THAN .05 PERCENT

## SUMMARY OF INVESTMENT

SOURCE OF FUNDS	TOTAL AMOUNT	*-----PERSONNEL-----*			*-----DUTY-----*	*-----TRAVEL-----*	*-----FELLOWSHIPS-----*		*-----SEMINARS-----*		*-----SUPPLIES* AND EQUIPMENT	*-----GRANTS* AND OTHER
		POSTS PROF.	STC LOCAL	MONTH	AMOUNT	AMOUNT	ACAD.	SHORT	AMOUNT	PART.	AMOUNT	AMOUNT
	\$				\$	\$			\$	\$	\$	\$
1969												
PAHO---PR	290,906	5	8	-	159,428	10,397	-	-	-	-	85,113	35,968
WHO---WR	108,201	4	1	-	93,541	5,150	-	-	-	-	1,340	8,170
TOTAL	399,107	9	9	-	252,969	15,547	-	-	-	-	86,453	44,138
PER CENT OF TOTAL	100.0				63.4	3.9					21.7	11.0
1970												
PAHO---PR	339,620	6	9	-	177,020	35,000	-	-	-	-	80,700	46,900
WHO---WR	121,604	4	1	-	101,904	5,850	-	-	-	-	4,950	8,900
TOTAL	461,224	10	10	-	278,924	40,850	-	-	-	-	85,650	55,800
PER CENT OF TOTAL	100.0				60.5	8.8					18.6	12.1
1971												
PAHO---PR	363,598	6	9	-	194,898	44,100	-	-	-	-	79,000	45,600
WHO---WR	129,802	4	1	-	108,102	6,450	-	-	-	-	5,450	9,800
TOTAL	493,400	10	10	-	303,000	50,550	-	-	-	-	84,450	55,400
PER CENT OF TOTAL	100.0				61.4	10.3					17.1	11.2
1972												
PAHO---PR	364,987	6	9	-	205,387	35,000	-	-	-	-	79,000	45,600
WHO---WR	132,875	4	1	-	111,175	6,450	-	-	-	-	5,450	9,800
TOTAL	497,862	10	10	-	316,562	41,450	-	-	-	-	84,450	55,400
PER CENT OF TOTAL	100.0				63.6	8.3					17.0	11.1

PAHO PR-REGULAR BUDGET  
 PM-SPECIAL FUND FOR MALARIA ERADICATION  
 PW-COMMUNITY WATER SUPPLY  
 PG-GRANTS AND OTHER CONTRIBUTIONS  
 PI-INCAP AND OTHER RELATED GRANTS

WHO WR-REGULAR BUDGET  
 WA-MALARIA ERADICATION SPECIAL ACCOUNT  
 WT-UNITED NATIONS TECHNICAL ASSISTANCE  
 WS-UNITED NATIONS SPECIAL FUND  
 WO-GRANTS AND OTHER FUNDS

## DETAIL

## PART I - ORGANIZATIONAL MEETINGS

## SEC. 1. CONFERENCE AND TRANSLATION SECTION

INCLUDED IN THIS SECTION ARE THE ESTIMATES FOR THE COSTS OF MEETING SERVICES.

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
								\$	\$	\$	\$
TOTAL		18	20	20	20	TOTAL		224,242	251,224	274,400	287,962
CONFERENCE SERVICES						SUBTOTAL	PR	140,741	158,220	176,098	186,587
P-3 ADMIN. SERVICES OFFICER .0291	PR	1	1	1	1	PERSONNEL-POSTS		140,741	158,220	176,098	186,587
P-2 ADMIN. SERVICES OFFICER .0204	PR	1	1	1	1	SUBTOTAL	WR	83,501	93,004	98,302	101,375
P-2 ELECTRONICS TECHNICIAN .0202	PR	-	1	1	1	PERSONNEL-POSTS		83,501	93,004	98,302	101,375
G-6 CLERK .0206	PR	1	1	1	1						
G-5 CLERK .0205	PR	1	1	1	1						
G-4 SECRETARY .0203 .0207	PR	2	2	2	2						
TRANSLATION SERVICES											
P-4 TRANSLATOR REVISER .0208	PR	1	1	1	1						
P-4 TRANSLATOR REVISER 4.0209 4.0212 4.0214	WR	3	3	3	3						
P-3 TRANSLATOR .0210 .0211	PR	2	2	2	2						
P-3 TRANSLATOR 4.0213	WR	1	1	1	1						
G-6 CLERK 4.0215	WR	1	1	1	1						
G-4 CLERK .3334	PR	1	1	1	1						
G-4 CLERK STENOGRAPHER .1053	PR	1	1	1	1						
G-4 SECRETARY .0216 .3462	PR	1	2	2	2						
G-3 CLERK STENOGRAPHER .0217	PR	1	1	1	1						

## SEC. 2. MEETINGS OF THE PAN AMERICAN SANITARY CONFERENCE, DIRECTING COUNCIL AND WHO REGIONAL COMMITTEE

INCLUDED IN THIS SECTION ARE THE ESTIMATES FOR THE COSTS OF THE MEETINGS OF THE DIRECTING COUNCIL AND WHO REGIONAL COMMITTEE, AND FOR THE 1970 MEETING OF THE PAN AMERICAN SANITARY CONFERENCE, AS WELL AS FOR THE EXECUTIVE COMMITTEE MEETINGS HELD AT THE SAME TIME. THE AMOUNTS SHOWN ARE THE ESTIMATED ACTUAL REQUIREMENTS FOR EACH MEETING.

TOTAL		138,730	180,000	189,000	179,900
SUBTOTAL	PR	114,030	151,400	157,500	148,400
TEMPORARY PERSONNEL		12,946	13,000	13,000	13,000
TRAVEL & TRANSPORTATION		2,130	26,700	35,800	26,700
GOVERNING BODIES DOCS.		67,368	69,200	67,500	67,500
CONFERENCE SERVICES		31,586	42,500	41,200	41,200
SUBTOTAL	WR	24,700	28,600	31,500	31,500
TEMPORARY PERSONNEL		10,040	8,900	9,800	9,800
TRAVEL & TRANSPORTATION		5,150	5,850	6,450	6,450
SUPPLIES AND EQUIPMENT		1,340	4,950	5,450	5,450
CONFERENCE SERVICES		8,170	8,900	9,800	9,800

## SEC. 3. MEETINGS OF THE EXECUTIVE COMMITTEE

THIS SECTION CONTAINS THE ESTIMATED COST OF THE SUMMER MEETINGS OF THE EXECUTIVE COMMITTEE, WHICH ARE USUALLY HELD IN WASHINGTON. THE ESTIMATES ARE BASED UPON THE ASSUMPTION THAT MEETINGS WILL BE HELD IN THE BUREAU'S CONFERENCE FACILITY.

TOTAL		36,135	30,000	30,000	30,000
TEMPORARY PERSONNEL		5,741	5,800	5,800	5,800
TRAVEL & TRANSPORTATION		8,267	8,300	8,300	8,300
SUPPLIES AND EQUIPMENT		2,123	2,100	2,100	2,100
GOVERNING BODIES DOCS.		15,622	9,400	9,400	9,400
CONFERENCE SERVICES		4,382	4,400	4,400	4,400



## PART II - HEADQUARTERS

## PROGRAM BUDGET

1 9 6 9		1 9 7 0			1 9 7 1		1 9 7 2	
AMOUNT	PERCENT	AMOUNT	PERCENT		AMOUNT	PERCENT	AMOUNT	PERCENT
\$		\$			\$		\$	
484,147	10.3	558,863	11.0	I. PROTECTION OF HEALTH	585,622	10.7	615,226	10.6
370,422	7.9	437,687	8.6	A. COMMUNICABLE DISEASES	464,473	8.5	488,955	8.4
75,777	1.6	73,391	1.4	0100 GENERAL	82,480	1.5	88,627	1.5
178,885	3.8	227,596	4.5	0200 MALARIA	235,557	4.3	244,485	4.3
36,044	.8	33,410	.7	0400 TUBERCULOSIS	35,004	.7	37,127	.6
12,516	.3	37,027	.7	0500 LEPROSY	39,173	.7	42,337	.7
67,200	1.4	66,263	1.3	0700 ZONNOSES	72,259	1.3	76,379	1.3
113,725	2.4	121,176	2.4	B. ENVIRONMENTAL HEALTH	121,149	2.2	126,271	2.2
67,943	1.4	82,587	1.6	2100 GENERAL	80,790	1.5	84,525	1.5
45,782	1.0	38,589	.8	2200 WATER SUPPLIES	40,359	.7	41,746	.7
888,580	18.6	942,706	18.5	II. PROMOTION OF HEALTH	1,002,013	18.5	1,055,914	18.5
592,833	12.5	605,680	11.9	A. GENERAL SERVICES	650,724	12.0	687,516	12.0
226,751	4.8	249,493	4.9	3100 GENERAL PUBLIC HEALTH	271,431	5.0	288,281	5.0
17,354	.4	19,307	.4	3200 NURSING	20,224	.4	21,114	.4
28,899	.6	29,701	.6	3300 LABORATORY	31,026	.6	31,755	.6
33,993	.7	39,907	.8	3400 HEALTH EDUCATION	39,062	.7	42,663	.7
244,029	5.1	230,246	4.5	3500 STATISTICS	244,760	4.5	257,753	4.5
41,807	.9	37,026	.7	3700 HEALTH PLANNING	44,221	.8	45,950	.8
295,747	6.1	337,026	6.6	B. SPECIFIC PROGRAMS	351,289	6.5	368,398	6.5
31,497	.7	40,091	.8	4100 MATERNAL AND CHILD HEALTH	39,821	.7	42,913	.7
54,088	1.1	55,477	1.1	4200 NUTRITION	58,959	1.1	61,470	1.1
33,697	.7	34,477	.7	4300 MENTAL HEALTH	36,166	.7	37,848	.7
35,278	.7	35,910	.7	4400 DENTAL HEALTH	37,504	.7	39,127	.7
35,278	.7	35,910	.7	4500 RADIATION AND ISOTOPES	37,504	.7	39,127	.7
70,631	1.5	76,310	1.5	4800 MEDICAL CARE	79,869	1.5	83,803	1.5
35,278	.7	58,851	1.1	4900 HEALTH AND POPULATION DYNAMICS	61,466	1.1	64,110	1.1
99,158	2.1	86,905	1.7	III. DEVELOPMENT OF EDUCATIONAL INSTITUTIONS	93,321	1.7	94,407	1.6
70,989	1.5	55,369	1.1	6200 MEDICINE	60,324	1.1	59,920	1.0
28,169	.6	31,536	.6	6300 NURSING	32,997	.6	34,487	.6
783,017	16.5	954,837	18.7	IV. PROGRAM SERVICES	1,019,798	18.7	1,078,907	18.8
783,017	16.5	954,837	18.7	7100 PROGRAM SERVICES	1,019,798	18.7	1,078,907	18.8
2,497,700	52.5	2,559,471	50.1	V. ADMINISTRATIVE DIRECTION	2,744,936	50.4	2,895,371	50.5
227,503	4.8	237,448	4.6	8100 EXECUTIVE AND TECHNICAL DIRECTION	249,160	4.6	257,546	4.5
1,261,835	26.5	1,272,023	24.9	8200 ADMINISTRATIVE SERVICES	1,405,776	25.8	1,507,825	26.3
1,008,362	21.2	1,050,000	20.6	8300 GENERAL EXPENSES	1,090,000	20.0	1,130,000	19.7
4,752,602	100.0	5,102,782	100.0	GRAND TOTAL	5,445,690	100.0	5,739,825	100.0

\* LESS THAN .05 PERCENT

## PART II - HEADQUARTERS

## SUMMARY OF INVESTMENT

SOURCE OF FUNDS	TOTAL AMOUNT	*-----PERSONNEL-----*			*-----DUTY-----*	*-----FELLOWSHIPS-----*			*-----SEMINARS-----*		*SUPPLIES* AND EQUIPMENT	*GRANTS* AND OTHER
		POSTS PRDF.	LOCAL	STC MONTH	AMOUNT	TRAVEL AMOUNT	ACAD.	SHORT	AMOUNT	PART.	AMOUNT	
	\$				\$	\$			\$	\$	\$	\$
1969												
PAHO---PR	3,268,250	70	113	-	2,457,500	94,039	-	-	-	-	194,779	521,932
WHO---WR	1,414,907	35	48	-	951,525	90,250	-	-	-	-	89,131	284,001
WG	69,445	2	2	-	54,366	11,479	-	-	-	-	-	3,600
TOTAL	4,752,602	107	163	-	3,463,391	195,768	-	-	-	-	283,910	809,533
PER CENT OF TOTAL	100.0				72.9	4.1					6.0	17.0
1970												
PAHO---PR	3,398,337	72	121	-	2,558,042	91,500	-	-	-	-	168,965	579,830
WHO---WR	1,633,302	35	48	-	1,134,089	96,000	-	-	-	-	95,393	307,820
WG	71,143	2	2	-	62,543	5,000	-	-	-	-	-	3,600
TOTAL	5,102,782	109	171	-	3,754,674	192,500	-	-	-	-	264,358	891,250
PER CENT OF TOTAL	100.0				73.6	3.8					5.2	17.4
1971												
PAHO---PR	3,642,169	73	121	-	2,761,719	101,500	-	-	-	-	167,910	611,040
WHO---WR	1,723,428	35	47	-	1,218,478	90,000	-	-	-	-	97,140	317,810
WG	80,093	2	2	-	66,493	10,000	-	-	-	-	-	3,600
TOTAL	5,445,690	110	170	-	4,046,690	201,500	-	-	-	-	265,050	932,450
PER CENT OF TOTAL	100.0				74.3	3.7					4.9	17.1
1972												
PAHO---PR	3,769,741	73	123	-	2,930,846	103,400	-	-	-	-	153,100	582,395
WHO---WR	1,885,317	35	47	-	1,296,912	90,000	-	-	-	-	111,750	386,655
WG	84,767	2	2	-	69,727	11,440	-	-	-	-	-	3,600
TOTAL	5,739,825	110	172	-	4,297,485	204,840	-	-	-	-	264,850	972,650
PER CENT OF TOTAL	100.0				74.9	3.6					4.6	16.9

PAHO PR-REGULAR BUDGET  
 PM-SPECIAL FUND FOR MALARIA ERADICATION  
 PW-COMMUNITY WATER SUPPLY  
 PG-GRANTS AND OTHER CONTRIBUTIONS  
 PI-INCAP AND OTHER RELATED GRANTS

WHO WR-REGULAR BUDGET  
 WA-MALARIA ERADICATION SPECIAL ACCOUNT  
 WT-UNITED NATIONS TECHNICAL ASSISTANCE  
 WS-UNITED NATIONS SPECIAL FUND  
 WO-GRANTS AND OTHER FUNDS













CH. 11. DEPARTMENT OF SPECIAL TECHNICAL SERVICES . . . CONTINUED

FUND 1969 1970 1971 1972					FUND 1969 1970 1971 1972					
-----					-----					
TOTAL					TOTAL					
-----					-----					
17 18 18 18					291,909 327,987 359,694 375,853					
-----					-----					
P-6	CHIEF OF DEPARTMENT .3140	PR	1	1	1	1				
P-5	ECONOMIC ADVISER .0010	PR	1	1	1	1				
P-5	LABORATORY ADVISER 4.0040	WR	1	1	1	1				
P-5	MEDICAL OFFICER .0027 .3537	PR	1	2	2	2				
P-5	MED. OFF. - HEALTH PLANNING .0009	PR	1	1	1	1				
P-5	NURSE 4.0080	WR	1	1	1	1				
P-5	VETERINARIAN .1039	PR	1	1	1	1				
P-4	NURSE EDUCATOR .0123	PR	1	1	1	1				
P-4	VETERINARIAN 4.3290	WO	1	1	1	1				
G-5	SECRETARY .0011 .3179	PR	2	2	2	2				
G-4	SECRETARY .0042 .0088 .0089 .0126 .3177	PR	5	5	5	5				
G-4	SECRETARY 4.3291	WO	1	1	1	1				
					SUBTOTAL					
					PR 200,387 230,305 255,140 267,114					
					PERSONNEL-POSTS					
					DUTY TRAVEL 168,093 214,305 231,640 243,614					
					SUBTOTAL 32,294 16,000 23,500 23,500					
					WR 58,600 67,329 69,799 71,487					
					PERSONNEL-POSTS					
					DUTY TRAVEL 43,358 47,329 49,799 51,487					
					SUBTOTAL 15,242 20,000 20,000 20,000					
					WO 32,922 30,353 34,755 37,252					
					PERSONNEL-POSTS					
					DUTY TRAVEL 27,183 27,853 29,755 31,512					
					5,739 2,500 5,000 5,740					

SEC. 3. ADMINISTRATION

CH. 1. OFFICE OF THE CHIEF

THIS OFFICE IS RESPONSIBLE FOR PLANNING, ORGANIZING, COORDINATING AND DIRECTING THE ESTABLISHMENT AND OPERATION OF A FULL ADMINISTRATIVE PROGRAM FOR PAHO AND THE REGIONAL OFFICE OF WHO. THE DATA PROCESSING SERVICES FORMERLY INCLUDED IN THIS OFFICE ARE NOW ORGANIZATIONALLY IN THE DEPARTMENT OF HEALTH STATISTICS.

TOTAL					TOTAL					
-----					-----					
3 4 4 4					50,851 83,641 88,178 91,783					
-----					-----					
D-2	CHIEF OF ADMINISTRATION .0156	PR	1	1	1	1				
G-6	SECRETARY .0157	PR	1	1	1	1				
					SUBTOTAL					
					PR 42,924 76,641 81,178 84,783					
					PERSONNEL-POSTS					
					DUTY TRAVEL 32,924 67,641 71,178 74,783					
					4,000 4,000 4,000 4,000					
					AUDIT COSTS 6,000 5,000 6,000 6,000					
P-5	ADMINISTRATIVE OFFICER .3344	PR	1	1	1	1				
G-4	SECRETARY .3560	PR	-	1	1	1				
					SUBTOTAL					
					WR 7,927 7,000 7,000 7,000					
					DUTY TRAVEL 7,927 7,000 7,000 7,000					

CH. 2. DEPARTMENT OF BUDGET AND FINANCE

THIS DEPARTMENT IS RESPONSIBLE FOR PLANNING, DEVELOPING, RECOMMENDING, AND EXECUTING:

1. BUDGETARY POLICIES AND PROCEDURES FOR A) ORDERLY PLANNING OF PROGRAMS TO MEET THE NEEDS OF GOVERNMENTS AND THEIR PRESENTATION IN MEANINGFUL BUDGETARY FORM, AND B) EFFECTIVE BUDGET EXECUTION, BEARING IN MIND THE DYNAMIC NATURE OF THE HEALTH PROBLEM.

2. FINANCIAL AND ACCOUNTING POLICIES, RULES, AND PROCEDURES FOR A) RECEIVING, SAFEKEEPING, AND ACCOUNTING OF THE FUNDS OF THE ORGANIZATION AND OF THOSE WHICH IT ADMINISTERS, B) PROMOTING ADDITIONAL RESOURCES TO MEET NECESSARY PROGRAM REQUIREMENTS, C) ASSURING ADEQUATE WORKING CAPITAL AND APPROPRIATE RESERVES TO MAINTAIN A SOUND FINANCIAL POSITION, D) CONTROLLING OBLIGATION OF FUNDS WITHIN AUTHORIZED LIMITS, E) DISBURSING FUNDS FOR AUTHORIZED EXPENSES, AND F) REPORTING FINANCIAL STATUS.

TOTAL					TOTAL					
-----					-----					
45 47 49 51					499,669 549,652 619,297 678,543					
-----					-----					
P-6	CHIEF OF DEPARTMENT .0158	PR	1	1	1	1				
G-5	SECRETARY .0159	PR	1	1	1	1				
					SUBTOTAL					
					PR 348,658 387,920 444,654 491,053					
					PERSONNEL-POSTS					
					DUTY TRAVEL 342,658 383,920 440,654 487,053					
					6,000 4,000 4,000 4,000					
					SUBTOTAL					
					WR 151,011 161,732 174,643 187,490					
P-5	BUDGET OFFICER .0160	PR	1	1	1	1				
P-3	BUDGET OFFICER .0161 .3090	PR	2	2	2	2				
					PERSONNEL-POSTS					
					DUTY TRAVEL 151,011 158,732 172,643 185,490					
					- 3,000 2,000 2,000					

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. . . CONTINUED

## CH. 2. DEPARTMENT OF BUDGET AND FINANCE . . . CONTINUED

		FUND	1969	1970	1971	1972	FUND	1969	1970	1971	1972
								\$	\$	\$	\$
P-2	BUDGET OFFICER	WR	1	1	1	1					
	4.0162										
G-8	BUDGET TECHNICIAN	PR	1	1	1	1					
	.0164										
G-8	BUDGET TECHNICIAN	WR	1	1	1	1					
	4.0163										
G-6	CLERK	PR	1	1	1	1					
	.0165										
G-4	CLERK	PR	1	1	1	1					
	.0167										
G-4	CLERK	WR	1	1	1	1					
	4.0166										

## FINANCE SECTION

P-5	FINANCE OFFICER	PR	1	1	1	1					
	.3478										
P-4	FINANCE OFFICER	WR	1	1	1	1					
	4.0168										
P-3	ACCOUNTANT	PR	2	2	2	2					
	.0170 .0175										
P-3	FINANCE OFFICER	PR	1	1	1	1					
	.0169										
P-3	INVESTMENT OFFICER	PR	1	1	1	1					
	.3287										
P-2	ACCOUNTANT	PR	4	5	5	5					
	.0171 .0172 .0173 .0174										
	.2228										
P-2	ACCOUNTANT	WR	1	1	1	1					
	4.0176										
P-2	ACCOUNTING TECHNICIAN	WR	1	1	1	1					
	4.3102										
G-8	ACCOUNTING TECHNICIAN	PR	-	-	1	1					
	.3108										
G-8	ACCOUNTING TECHNICIAN	WR	1	1	1	1					
	4.0178										
G-7	ACCOUNTING ASSISTANT	WR	1	1	1	1					
	4.0177										
G-6	CLERK	PR	3	4	4	6					
	.0181 .2075 .2085 .3289										
	.3574 .3575										
G-5	CLERK	PR	4	4	4	4					
	.0182 .0186 .0187 .0192										
G-5	CLERK	WR	5	5	5	5					
	4.0183 4.0184 4.0185 4.0191										
	4.2173										
G-4	CLERK	PR	5	5	6	6					
	.0189 .0193 .2076 .2077										
	.2170 .3207										
G-4	CLERK	WR	2	2	2	2					
	4.0188 4.0190										
G-4	SECRETARY	PR	1	1	1	1					
	.0194										

## CH. 3. DEPARTMENT OF MANAGEMENT AND PERSONNEL

THE DEPARTMENT OF MANAGEMENT AND PERSONNEL IS RESPONSIBLE FOR 1) CONFERENCE MANAGEMENT, INCLUDING ELECTRONIC AND AUDIO SERVICES; 2) PROPERTY SERVICES, INCLUDING REPRODUCTION, PROPERTY CONTROL, TRANSPORTATION, BUILDING MANAGEMENT, AND MAINTENANCE; 3) RECORDS AND COMMUNICATIONS, INCLUDING ADVISORY SERVICES AND ARCHIVES; 4) SUPPLY SERVICES, INCLUDING PROCUREMENT AND PURCHASING OF MEDICAL AND ADMINISTRATIVE SUPPLIES FOR HEADQUARTERS AND THE FIELD, AND MAKING PURCHASES ON BEHALF OF MEMBER GOVERNMENTS; AND 5) PERSONNEL MANAGEMENT, INCLUDING RECRUITMENT, SELECTION, CLASSIFICATION, TRAINING, AND OTHER RELATED PERSONNEL FUNCTIONS.

TOTAL		58	58	59	59	TOTAL	563,037	598,681	661,195	702,375
P-5	CHIEF OF DEPARTMENT	WR	1	1	1	1				
	4.0195									
P-1	ADMINISTRATIVE OFFICER	PR	-	-	1	1				
	.3409									
P-1	ADMINISTRATIVE OFFICER	WR	1	1	1	1				
	4.3105									
G-8	ADMINISTRATIVE TECHNICIAN	PR	1	1	1	1				
	.3454									
G-5	SECRETARY	PR	1	1	1	1				
	.0197									
SERVICES AND SUPPLY SECTION										
-----										
P-4	ADMIN. SERVICES OFFICER	PR	1	1	1	1				
	.0219									
PERSONNEL-POSTS							233,318	247,893	270,731	287,968
DUTY TRAVEL							-	3,000	3,000	3,000

. . . CONTINUED

## CH. 3. DEPARTMENT OF MANAGEMENT AND PERSONNEL . . . CONTINUED

		FUND	1969	1970	1971	1972	FUND	1969	1970	1971	1972
			\$	\$	\$	\$		\$	\$	\$	\$
<u>PROPERTY SERVICES</u>											
P-2	PROPERTY SERVICES OFFICER 4.0220	WR	1	1	1	1					
G-8	BUILDING TECHNICIAN .0221	PR	1	1	1	1					
G-6	CLERK .0139	PR	1	1	1	1					
G-5	CLERK .0222 .0224	PR	2	2	2	2					
G-5	SECRETARY .1040	PR	1	1	1	1					
G-5	TELEPHONE OPERATOR .0225	PR	1	1	1	1					
G-4	CLERK .0223 .0227	PR	2	2	2	2					
G-4	CLERK 4.0229	WR	1	1	1	1					
G-4	SWITCHBOARD OPERATOR .0941	PR	1	1	1	1					
G-4	TELEPHONE OPERATOR .1068	PR	1	1	1	1					
G-3	CLERK .2080	PR	1	1	1	1					
G-2	CHAUFFEUR .0230 .2079	PR	2	2	2	2					
G-2	CLERK TYPIST .0226	PR	1	1	1	1					
<u>RECORDS AND COMMUNICATIONS</u>											
P-2	ADMIN. SERVICES OFFICER .0231	PR	1	1	1	1					
G-5	CLERK .0232	PR	1	1	1	1					
G-5	CLERK 4.0228 4.0233	WR	2	2	2	2					
G-4	CLERK .0234	PR	1	1	1	1					
G-3	CLERK .0235	PR	1	1	1	1					
G-3	CLERK 4.0236	WR	1	1	1	1					
G-2	MESSENGER .0237	PR	1	1	1	1					
G-2	MESSENGER 4.2081	WR	1	1	1	1					
<u>SUPPLY UNIT</u>											
P-3	SUPPLY SERVICES OFFICER .0239	PR	1	1	1	1					
P-3	SUPPLY SERVICES OFFICER 4.0238	WR	1	1	1	1					
P-2	SUPPLY SERVICES OFFICER 4.0241 4.0242	WR	2	2	2	2					
P-2	TRANSLATOR .0240	PR	1	1	1	1					
G-6	CLERK .0243	PR	1	1	1	1					
G-5	CLERK .0244 .0246	PR	2	2	2	2					
G-5	CLERK 4.0245 4.0247 4.0249	WR	3	3	3	3					
G-4	CLERK .0248	PR	1	1	1	1					
<u>PERSONNEL SECTION</u>											
P-5	PERSONNEL OFFICER .0250	PR	1	1	1	1					
P-4	PERSONNEL OFFICER .0252	PR	1	1	1	1					
P-3	PERSONNEL OFFICER 4.0251	WR	1	1	1	1					
P-1	PERSONNEL OFFICER .0253	PR	1	1	1	1					
P-1	PERSONNEL OFFICER 4.0254 4.0255	WR	2	2	2	2					
G-7	CLERK 4.0256	WR	1	1	1	1					
G-6	CLERK .0259	PR	1	1	1	1					
G-6	CLERK 4.0260	WR	1	1	1	1					
G-5	CLERK 4.0258	WR	1	1	1	1					
G-4	CLERK .0263 .2078 .3095	PR	3	3	3	3					
G-4	CLERK 4.0257 4.2172	WR	2	2	2	2					
G-4	SECRETARY 4.0261	WR	1	1	1	1					

SEC. 4. TEMPORARY PERSONNEL

THE ESTIMATE FOR THIS SECTION REPRESENTS THE CONTINUATION OF THE NEED FOR TEMPORARY PERSONNEL TO REPLACE STAFF ON EXTENDED SICK OR MATERNITY LEAVE AND TO MEET SHORT-TERM WORKLOAD REQUIREMENTS FOR WHICH IT WOULD BE UNECONOMICAL TO MAINTAIN FULLTIME STAFF.

FUND	1969	1970	1971	1972
-----	-----	-----	-----	-----
	\$	\$	\$	\$
TOTAL	199,129	92,780	92,780	92,780
-----	-----	-----	-----	-----
SUBTOTAL	PR 199,129	75,430	75,430	75,430
-----	-----	-----	-----	-----
TEMPORARY PERSONNEL	199,129	75,430	75,430	75,430
-----	-----	-----	-----	-----
SUBTOTAL	WR -	17,350	17,350	17,350
-----	-----	-----	-----	-----
TEMPORARY PERSONNEL	-	17,350	17,350	17,350

SEC. 5. COMMON SERVICES - HEADQUARTERS

THE ESTIMATES FOR THE VARIOUS COMMON SERVICES FOR THE WASHINGTON OFFICE ARE SHOWN BY MAJOR EXPENSE ITEMS IN THE SCHEDULES. COSTS ARE APPORTIONED ON A PRO RATA BASIS BETWEEN FUNDS BUDGETED UNDER PAHO AND WHO, EXCEPT FOR OFFICE EQUIPMENT, WHICH IS CHARGED DIRECTLY TO THE APPROPRIATE SOURCE OF FUNDS. ADDITIONAL FUNDS FOR COMMON SERVICES ARE PROVIDED BY THE SPECIAL FUND FOR SERVICING COSTS.

TOTAL	1,008,362	1,050,000	1,090,000	1,130,000
-----	-----	-----	-----	-----
SUBTOTAL	PR 663,922	674,980	704,450	660,995
-----	-----	-----	-----	-----
PREMISES RENTAL & MAINT.	171,945	214,785	226,500	215,350
EQUIP. RENTAL & MAINT.	45,491	39,345	40,885	38,350
COMMUNICATIONS	160,691	147,975	157,060	144,785
CONTRACTUAL SERVICES	116,643	125,290	129,735	127,820
FREIGHT & TRANSPORTATION	11,972	13,545	14,925	14,750
SUPPLIES AND EQUIPMENT	83,521	90,300	90,860	82,600
INSURANCE-NON STAFF	9,280	13,890	15,935	15,340
EQUIPMENT	64,465	29,750	28,550	22,000
SUBTOTAL	WR 340,840	371,520	381,950	465,405
-----	-----	-----	-----	-----
PREMISES RENTAL & MAINT.	113,314	118,215	122,500	149,650
EQUIP. RENTAL & MAINT.	20,188	21,655	22,115	26,650
COMMUNICATIONS	62,615	53,425	84,940	100,615
CONTRACTUAL SERVICES	73,195	68,960	72,115	88,830
FREIGHT & TRANSPORTATION	6,522	7,455	8,075	10,250
SUPPLIES AND EQUIPMENT	44,515	49,700	49,140	57,400
INSURANCE-NON STAFF	8,167	8,110	8,065	10,660
EQUIPMENT	12,324	14,000	15,000	21,350
SUBTOTAL	WR 3,600	3,600	3,600	3,600
-----	-----	-----	-----	-----
COMMUNICATIONS	3,600	3,600	3,600	3,600





## PART III - FIELD AND OTHER PROGRAMS

## PROGRAM BUDGET

1969		1970		1971		1972		
AMOUNT	PERCENT	AMOUNT	PERCENT	AMOUNT	PERCENT	AMOUNT	PERCENT	
\$		\$		\$		\$		
6,633,512	35.7	7,721,055	33.3	I. PROTECTION OF HEALTH	7,625,101	34.0	7,693,037	34.2
4,726,117	25.5	4,890,445	21.1	A. COMMUNICABLE DISEASES	4,774,192	21.2	4,729,557	21.0
128,163	.7	248,346	1.1	0100 GENERAL	255,271	1.1	308,980	1.4
2,427,893	13.1	2,364,028	10.2	0200 MALARIA	2,267,131	10.1	2,201,930	9.8
691,464	3.7	652,000	2.8	0300 SMALLPOX	682,000	3.0	682,000	3.0
127,640	.7	211,969	.9	0400 TUBERCULOSIS	273,035	1.2	255,271	1.1
27,477	.2	32,023	.1	0500 LEPROSY	36,711	.2	65,849	.3
6,126	*	39,525	.2	0600 VENEREAL DISEASES	44,178	.2	52,605	.2
1,168,832	6.3	1,208,321	5.2	0700 ZOOUSES	1,109,304	5.0	1,030,932	4.6
70,809	.4	63,931	.3	0900 OTHER	32,324	.1	41,415	.2
77,713	.4	70,302	.3	1000 PARASITIC DISEASES	74,238	.3	90,575	.4
1,907,395	10.2	2,830,610	12.2	B. ENVIRONMENTAL HEALTH	2,850,909	12.8	2,963,480	13.2
553,058	3.0	747,607	3.2	2100 GENERAL	890,973	4.0	954,231	4.2
934,325	5.0	1,566,710	6.8	2200 WATER SUPPLIES	1,377,559	6.2	1,371,813	6.1
394,080	2.1	467,847	2.0	2300 AEDS AEGYPTI ERADICATION	523,155	2.3	580,838	2.6
25,932	.1	48,446	.2	2400 HOUSING	59,222	.3	56,598	.3
9,046,118	48.6	11,712,454	50.8	II. PROMOTION OF HEALTH	11,023,418	49.4	10,978,472	48.5
4,538,191	24.5	5,246,508	22.8	A. GENERAL SERVICES	5,514,783	24.7	5,460,554	24.0
2,560,118	13.8	2,292,134	9.9	3100 GENERAL PUBLIC HEALTH	2,316,247	10.4	2,507,146	11.1
252,979	1.4	418,004	1.8	3200 NURSING	489,780	2.2	483,992	2.1
306,091	1.6	619,259	2.7	3300 LABORATORY	863,947	3.9	638,523	2.8
139,408	.8	131,624	.6	3400 HEALTH EDUCATION	121,404	.5	123,945	.5
617,336	3.3	663,515	2.9	3500 STATISTICS	503,720	2.3	439,648	1.9
270,757	1.5	312,260	1.4	3600 ADMINISTRATIVE METHODS	520,514	2.3	595,494	2.6
391,422	2.1	809,712	3.5	3700 HEALTH PLANNING	694,171	3.1	671,806	3.0
4,507,927	24.1	6,465,946	28.0	B. SPECIFIC PROGRAMS	5,508,635	24.7	5,517,918	24.5
263,413	1.4	530,011	2.3	4100 MATERNAL AND CHILD HEALTH	631,099	2.8	665,983	3.0
2,234,754	12.0	2,157,492	9.3	4200 NUTRITION	2,186,443	9.8	2,304,766	10.2
157,272	.8	195,763	.8	4300 MENTAL HEALTH	269,160	1.2	265,893	1.2
97,127	.5	113,306	.5	4400 DENTAL HEALTH	94,747	.4	113,881	.5
86,848	.5	80,673	.3	4500 RADIATION AND ISOTOPES	81,761	.4	102,899	.5
173,159	.9	179,221	.8	4600 OCCUPATIONAL HEALTH	95,754	.4	89,078	.4
73,484	.4	131,604	.6	4700 FOOD AND DRUG	132,133	.6	153,222	.7
783,745	4.2	1,273,091	5.5	4800 MEDICAL CARE	1,332,281	6.0	1,285,306	5.7
525,627	2.8	1,607,753	7.0	4900 HEALTH AND POPULATION DYNAMICS	530,667	2.4	414,849	1.8
112,494	.6	197,032	.9	5000 REHABILITATION	154,590	.7	122,041	.5
2,012,308	11.0	2,781,394	12.1	III. DEVELOPMENT OF EDUCATIONAL INSTITUTIONS	2,805,601	12.5	2,932,793	13.0
107,083	.6	199,577	.9	6100 PUBLIC HEALTH	256,971	1.1	208,272	.9
939,344	5.1	1,331,346	5.8	6200 MEDICINE	1,208,815	5.4	1,352,444	6.0
255,244	1.4	328,327	1.4	6300 NURSING	397,188	1.8	428,241	1.9
482,770	2.6	522,302	2.3	6400 ENVIRONMENTAL SCIENCES	529,947	2.4	479,827	2.1
52,700	.3	92,000	.4	6500 VETERINARY MEDICINE	78,000	.3	112,700	.5
68,496	.4	122,957	.5	6600 DENTISTRY	129,426	.6	136,165	.6
106,671	.6	184,885	.8	6700 BIOSTATISTICS	205,254	.9	215,194	1.0
389,917	2.1	390,167	1.7	IV. PROGRAM SERVICES	419,117	1.9	433,277	1.9
389,917	2.1	390,167	1.7	7100 PROGRAM SERVICES	419,117	1.9	433,277	1.9
469,420	2.6	475,665	2.1	V. ADMINISTRATIVE DIRECTION	505,210	2.2	532,936	2.4
177,591	1.0	197,275	.9	8200 ADMINISTRATIVE SERVICES	212,425	.9	227,716	1.0
291,829	1.6	278,390	1.2	8300 GENERAL EXPENSES	292,785	1.3	305,220	1.4
18,551,275	100.0	23,780,735	100.0	GRAND TOTAL	22,378,447	100.0	22,570,515	100.0

\* LESS THAN .05 PERCENT

## PART III - FIELD AND OTHER PROGRAMS

## SUMMARY OF INVESTMENT

SOURCE OF FUNDS	TOTAL AMOUNT	PERSONNEL			*--DUTY--* TRAVEL AMOUNT	*--FELLOWSHIPS--*		*--SEMINARS--*		*SUPPLIES* AND EQUIPMENT	*GRANTS* AND OTHER		
		POSTS PROF.	LOCAL	STC MONTH		ACAD.	SHORT	AMOUNT	PART.			AMOUNT	
	\$				\$	\$			\$	\$	\$		
1969													
PAHQ---PR	7,495,982	229	132	258	4,783,151	463,138	84	127	343,741	376	186,758	761,883	957,311
PM	1,142,862	54	8	8	761,688	44,519	2	-	2,720	-	-	309,773	24,162
PW	56,742	-	-	17	29,914	1,611	-	14	11,097	-	491	13,629	-
PG	2,877,138	39	147	80	991,218	76,387	17	97	187,427	198	98,117	404,560	1,119,429
PI	420,952	7	96	-	158,968	4,576	-	3	2,883	-	-	70,145	184,380
WHO---WR	4,707,237	102	9	205	2,050,047	204,851	249	346	1,243,023	118	81,875	848,626	278,815
WA	177,519	7	-	-	167,990	8,719	1	-	810	-	-	-	-
WT	926,333	53	-	48	820,816	45,106	20	6	40,699	26	936	3,976	15,000
WS	673,097	28	4	57	444,294	26,186	-	9	4,541	-	-	169,589	28,487
WO	73,413	1	2	1	23,558	-	3	-	-	-	-	13,380	36,472
TOTAL	18,551,275	520	398	674	10,231,444	875,096	373	602	1,836,941	718	368,177	2,595,561	2,644,056
PER CENT OF TOTAL	100.0				55.2	4.7			9.9		2.0	14.0	14.2
1970													
PAHQ---PR	8,643,446	240	137	346	5,766,948	492,640	60	264	605,700	168	107,413	697,229	973,516
PM	1,111,991	35	6	9	638,016	51,600	1	6	12,400	-	-	311,100	98,875
PW	238,863	2	-	74	163,663	2,000	1	17	39,200	-	-	34,000	-
PG	4,464,380	40	153	92	1,221,048	81,561	36	51	287,914	-	139,443	704,069	2,030,345
PI	394,545	20	74	-	251,997	12,850	-	3	3,600	-	-	34,500	91,598
WHO---WR	4,888,694	108	14	381	2,772,186	191,288	119	253	853,200	152	152,180	586,544	333,296
WT	1,661,347	50	-	105	1,294,500	75,000	35	26	254,322	-	-	22,525	15,000
WS	1,631,977	33	5	121	940,099	44,927	14	7	84,407	-	-	499,678	62,866
WO	45,492	1	2	-	31,662	1,500	-	-	-	-	-	6,620	5,710
TOTAL	23,080,735	529	391	1128	13,080,119	953,366	266	627	2,140,743	320	399,036	2,896,265	3,611,206
PER CENT OF TOTAL	100.0				56.7	4.2			9.3		1.7	12.5	15.6
1971													
PAHQ---PR	9,576,530	245	144	391	6,415,364	509,900	86	295	753,800	130	64,700	880,867	951,899
PM	829,868	27	4	4	526,119	44,000	-	6	8,400	-	-	173,369	77,980
PW	199,922	2	-	54	139,922	2,000	-	30	52,000	-	-	6,000	-
PG	2,379,188	37	153	48	1,160,725	73,884	32	51	228,038	-	5,624	165,710	745,207
PI	394,545	20	74	-	261,926	12,850	-	3	3,600	-	-	30,000	86,169
WHO---WR	5,418,270	115	15	481	3,158,149	209,762	180	270	998,700	214	202,036	552,238	297,385
WT	2,101,925	61	-	107	1,527,600	89,500	48	91	447,700	-	-	22,125	15,000
WS	1,454,938	31	4	95	924,018	45,000	7	6	55,658	-	-	377,450	52,812
WO	23,261	1	2	-	22,761	500	-	-	-	-	-	-	-
TOTAL	22,378,447	539	396	1180	14,136,584	987,396	353	752	2,547,896	344	272,360	2,207,759	2,226,452
PER CENT OF TOTAL	100.0				63.2	4.4			11.4		1.2	9.9	9.9
1972													
PAHQ---PR	10,730,799	262	152	455	7,257,092	532,600	93	313	839,700	316	183,053	921,013	997,341
PM	619,242	17	4	-	366,842	40,000	-	1	1,400	-	-	136,042	74,958
PW	119,698	2	-	31	96,698	2,000	-	5	16,000	-	-	5,000	-
PG	2,025,094	33	153	24	1,067,898	64,132	25	21	126,576	-	3,827	137,850	624,811
PI	394,545	20	74	-	271,855	12,850	-	3	3,600	-	-	26,000	80,240
WHO---WR	5,903,808	113	19	522	3,385,199	211,450	201	311	1,113,701	250	245,160	673,488	274,810
WT	2,011,825	54	-	112	1,445,600	83,500	47	86	433,100	-	-	34,625	15,000
WS	752,445	19	1	78	593,195	22,000	7	6	24,900	-	-	80,750	31,600
WO	13,059	-	2	-	13,059	-	-	-	-	-	-	-	-
TOTAL	22,570,515	520	405	1222	14,497,438	968,532	368	746	2,558,977	566	432,040	2,014,768	2,098,760
PER CENT OF TOTAL	100.0				64.3	4.3			11.3		1.9	8.9	9.3
PAHQ PR-REGULAR BUDGET PM-SPECIAL FUND FOR MALARIA ERADICATION PW-COMMUNITY WATER SUPPLY PG-GRANTS AND OTHER CONTRIBUTIONS PI-INCAP AND OTHER RELATED GRANTS WHO WR-REGULAR BUDGET WA-MALARIA ERADICATION SPECIAL ACCOUNT WT-UNITED NATIONS TECHNICAL ASSISTANCE WS-UNITED NATIONS SPECIAL FUND WO-GRANTS AND OTHER FUNDS													

## PART III - FIELD AND OTHER PROGRAMS

## SECTION I - ZONE OFFICES

## PROGRAM BUDGET

1 9 6 9		1 9 7 0			1 9 7 1		1 9 7 2	
AMOUNT	PERCENT	AMOUNT	PERCENT		AMOUNT	PERCENT	AMOUNT	PERCENT
\$		\$			\$		\$	
16,265	1.9	18,535	2.2	I. PROTECTION OF HEALTH	19,896	2.1	21,327	2.2
16,265	1.9	18,535	2.2	A. COMMUNICABLE DISEASES	19,896	2.1	21,327	2.2
16,265	1.9	18,535	2.2	0200 MALARIA	19,896	2.1	21,327	2.2
375,343	43.6	374,821	43.1	II. PROMOTION OF HEALTH	405,606	43.6	427,472	43.5
375,343	43.6	374,821	43.1	A. GENERAL SERVICES	405,606	43.6	427,472	43.5
375,343	43.6	374,821	43.1	3100 GENERAL PUBLIC HEALTH	405,606	43.6	427,472	43.5
469,420	54.5	475,665	54.7	V. ADMINISTRATIVE DIRECTION	505,210	54.3	532,936	54.3
177,591	20.6	197,275	22.7	8200 ADMINISTRATIVE SERVICES	212,425	22.8	227,716	23.2
291,829	33.9	278,390	32.0	8300 GENERAL EXPENSES	292,785	31.5	305,220	31.1
861,028	100.0	869,021	100.0	GRAND TOTAL	930,712	100.0	981,735	100.0

\* LESS THAN .05 PERCENT

## PART III - FIELD AND OTHER PROGRAMS

## SECTION 1 - ZONE OFFICES

## SUMMARY OF INVESTMENT

SOURCE OF FUNDS	TOTAL AMOUNT	*-----PERSONNEL-----*			*---DUTY---*	*---FELLOWSHIPS---*		*---SEMINARS---*		*SUPPLIES* AND EQUIPMENT	*-GRANTS-* AND OTHER	
		POSTS PROF.	LOCAL	STC MONTH	AMOUNT	TRAVEL AMOUNT	ACAD.	SHORT	AMOUNT	PART.	AMOUNT	AMOUNT
	\$				\$	\$			\$	\$	\$	\$
1969												
PAHO---PR	814,872	10	58	-	474,452	48,591	-	-	-	-	-	291,829
PM	16,265	-	3	-	16,265	-	-	-	-	-	-	-
WHO---WR	29,891	1	-	-	28,490	1,401	-	-	-	-	-	-
TOTAL	861,028	11	61	-	519,207	49,992	-	-	-	-	-	291,829
PER CENT OF TOTAL	100.0				60.3	5.8						33.9
1970												
PAHO---PR	832,755	10	59	-	517,525	36,840	-	-	-	-	-	278,390
PM	18,535	-	3	-	18,535	-	-	-	-	-	-	-
WHO---WR	17,731	1	-	-	15,731	2,000	-	-	-	-	-	-
TOTAL	869,021	11	62	-	551,791	38,840	-	-	-	-	-	278,390
PER CENT OF TOTAL	100.0				63.5	4.5						32.0
1971												
PAHO---PR	886,350	10	59	-	553,465	40,100	-	-	-	-	-	292,785
PM	19,896	-	3	-	19,896	-	-	-	-	-	-	-
WHO---WR	24,466	1	-	-	22,466	2,000	-	-	-	-	-	-
TOTAL	930,712	11	62	-	595,827	42,100	-	-	-	-	-	292,785
PER CENT OF TOTAL	100.0				64.0	4.5						31.5
1972												
PAHO---PR	932,547	10	59	-	585,427	41,900	-	-	-	-	-	305,220
PM	21,327	-	3	-	21,327	-	-	-	-	-	-	-
WHO---WR	27,861	1	-	-	25,861	2,000	-	-	-	-	-	-
TOTAL	981,735	11	62	-	632,615	43,900	-	-	-	-	-	305,220
PER CENT OF TOTAL	100.0				64.4	4.5						31.1
PAHO PR-REGULAR BUDGET PM-SPECIAL FUND FOR MALARIA ERADICATION PW-COMMUNITY WATER SUPPLY PG-GRANTS AND OTHER CONTRIBUTIONS PI-INCAP AND OTHER RELATED GRANTS												
WHO WR-REGULAR BUDGET WA-MALARIA ERADICATION SPECIAL ACCOUNT WT-UNITED NATIONS TECHNICAL ASSISTANCE WS-UNITED NATIONS SPECIAL FUND WD-GRANTS AND OTHER FUNDS												

## DETAIL

## PART III - FIELD AND OTHER PROGRAMS

## SEC. 1. ZONE OFFICES

THE FIELD OPERATIONS OF PAHO/WHO ARE UNDER THE SUPERVISION OF SIX ZONE CHIEFS WHO HAVE JURISDICTION OVER THE FOLLOWING ZONES:

ZONE I: BARBADOS, THE DEPARTMENTS OF FRANCE IN THE AMERICAS, GUYANA, JAMAICA, THE NETHERLANDS ANTILLES AND SURINAM, TRINIDAD AND TOBAGO, THE WEST INDIES AND OTHER TERRITORIES OF THE UNITED KINGDOM, AND VENEZUELA. THE ZONE OFFICE IS LOCATED IN CARACAS, VENEZUELA.

	FUND	1969 1970 1971 1972				TOTAL	FUND	1969 1970 1971 1972			
		11	11	11	11			TOTAL	\$	\$	\$
TOTAL		11	11	11	11	TOTAL	151,465	164,088	173,059	179,017	
D-1 CHIEF OF ZONE .0264	PR	1	1	1	1	SUBTOTAL	PR 143,626	154,409	162,755	168,056	
P-5 ASSISTANT CHIEF OF ZONE .0265	PR	1	1	1	1						
G-7 OFFICE MANAGER .0863	PR	1	1	1	1	PERSONNEL-POSTS	88,575	102,909	108,655	113,956	
G-6 SECRETARY .0270	PR	1	1	1	1	DUTY TRAVEL	9,537	11,200	11,200	11,200	
G-6 SECRETARY .0267	PM	1	1	1	1	HOSPITALITY	445	300	300	300	
G-5 CLERK .1089 .3059	PR	2	2	2	2	COMMON SERVICES	45,069	40,000	42,600	42,600	
G-3 CHAUFFEUR .0271 .3479	PR	2	2	2	2	SUBTOTAL	PM 7,839	9,679	10,304	10,961	
G-2 CLERK-MESSENGER .3212	PR	1	1	1	1						
G-2 JANITOR .0272	PR	1	1	1	1	PERSONNEL-POSTS	7,839	9,679	10,304	10,961	

ZONE II: CUBA, DOMINICAN REPUBLIC, HAITI, AND MEXICO. THE ZONE OFFICE IS LOCATED IN MEXICO, D.F., MEXICO.

	FUND	1969 1970 1971 1972				TOTAL	FUND	1969 1970 1971 1972			
		12	13	13	13			TOTAL	\$	\$	\$
TOTAL		12	13	13	13	TOTAL	162,287	149,448	163,221	175,761	
D-1 CHIEF OF ZONE .0273	PR	1	1	1	1	SUBTOTAL	PR 132,396	131,737	138,755	147,900	
P-5 ASSISTANT CHIEF OF ZONE 4.0274	WR	1	1	1	1						
G-8 OFFICE MANAGER .0276	PR	1	1	1	1	PERSONNEL-POSTS	72,363	84,577	90,170	95,980	
G-7 ADMINISTRATIVE ASSISTANT .3453	PR	1	1	1	1	DUTY TRAVEL	13,359	3,300	3,300	3,300	
G-5 CLERK .0278	PR	1	1	1	1	HOSPITALITY	329	300	300	300	
G-5 SECRETARY .0277 .0279 .0281 .3496	PR	4	4	4	4	COMMON SERVICES	46,345	43,560	44,985	48,320	
G-4 RECEPTIONIST .3532	PR	-	1	1	1	SUBTOTAL	WR 29,891	17,731	24,466	27,861	
G-3 CHAUFFEUR .0280	PR	1	1	1	1						
G-2 JANITOR .0282	PR	1	1	1	1	PERSONNEL-POSTS	28,490	15,731	22,466	25,861	
G-2 MESSENGER .3446	PR	1	1	1	1	DUTY TRAVEL	1,401	2,000	2,000	2,000	

ZONE III: BRITISH HONDURAS, COSTA RICA, EL SALVADOR, GUATEMALA, HONDURAS, NICARAGUA, AND PANAMA. THE ZONE OFFICE IS LOCATED IN GUATEMALA CITY, GUATEMALA.

	FUND	1969 1970 1971 1972				TOTAL	FUND	1969 1970 1971 1972			
		12	12	12	12			TOTAL	\$	\$	\$
TOTAL		12	12	12	12	TOTAL	130,563	136,249	146,245	151,012	
D-1 CHIEF OF ZONE .0283	PR	1	1	1	1	SUBTOTAL	PR 122,137	127,353	135,653	140,646	
P-5 ASSISTANT CHIEF OF ZONE .0284	PR	1	1	1	1						
G-8 OFFICE MANAGER .0285	PR	1	1	1	1	PERSONNEL-POSTS	80,549	84,793	89,653	94,646	
G-7 SECRETARY .0287 .0289	PR	2	2	2	2	DUTY TRAVEL	7,308	6,300	7,300	7,300	
G-6 SECRETARY .0290 .0291	PM	2	2	2	2	HOSPITALITY	-	300	300	300	
G-5 SECRETARY .2063	PR	1	1	1	1	COMMON SERVICES	34,280	36,000	38,400	38,400	
G-4 CLERK .3183	PR	1	1	1	1	SUBTOTAL	PM 8,426	8,856	9,592	10,366	
G-2 CHAUFFEUR .0292	PR	1	1	1	1						
G-2 JANITOR .0293	PR	1	1	1	1	PERSONNEL-POSTS	8,426	8,856	9,592	10,366	
G-2 MESSENGER .3184	PR	1	1	1	1						



## PART III - FIELD AND OTHER PROGRAMS

## SECTION 2 - EDITORIAL SERVICES AND PUBLICATIONS

## PROGRAM BUDGET

1969		1970			1971		1972	
AMOUNT	PERCENT	AMOUNT	PERCENT		AMOUNT	PERCENT	AMOUNT	PERCENT
\$		\$			\$		\$	
15,003	3.5	10,000	2.5	II. PROMOTION OF HEALTH	15,000	3.3	15,000	3.2
15,003	3.5	10,000	2.5	A. GENERAL SERVICES	15,000	3.3	15,000	3.2
15,003	3.5	10,000	2.5	3500 STATISTICS	15,000	3.3	15,000	3.2
20,496	4.8	6,250	1.5	III. DEVELOPMENT OF EDUCATIONAL INSTITUTIONS	20,500	4.5	20,500	4.4
20,496	4.8	6,250	1.5	6200 MEDICINE	20,500	4.5	20,500	4.4
389,917	91.7	390,167	96.0	IV. PROGRAM SERVICES	419,117	92.2	433,277	92.4
389,917	91.7	390,167	96.0	7100 PROGRAM SERVICES	419,117	92.2	433,277	92.4
425,416	100.0	406,417	100.0	GRAND TOTAL	454,617	100.0	468,777	100.0

\* LESS THAN .05 PERCENT

## SUMMARY OF INVESTMENT

SOURCE OF FUNDS	TOTAL AMOUNT	PERSONNEL		AMOUNT	*--DUTY--* TRAVEL AMOUNT	*--FELLOWSHIPS--*		*--SEMINARS--*		*SUPPLIES* AND EQUIPMENT	*--GRANTS--* AND OTHER
		POSTS PROF. LOCAL	STC MONTH			ACAD.	SHORT	AMOUNT	PART.		
1969											
PAHO---PR	383,915	11	8	178,873	2,089	-	-	-	-	202,953	-
WHO---WR	41,501	1	3	41,501	-	-	-	-	-	-	-
TOTAL	425,416	12	11	220,374	2,089	-	-	-	-	202,953	-
PER CENT OF TOTAL	100.0			51.8	.5					47.7	
1970											
PAHO---PR	366,199	9	8	191,949	-	-	-	-	-	174,250	-
WHO---WR	40,218	1	3	40,218	-	-	-	-	-	-	-
TOTAL	406,417	10	11	232,167	-	-	-	-	-	174,250	-
PER CENT OF TOTAL	100.0			57.1	-					42.9	
1971											
PAHO---PR	409,305	9	8	206,305	-	-	-	-	-	203,000	-
WHO---WR	45,312	1	3	45,312	-	-	-	-	-	-	-
TOTAL	454,617	10	11	251,617	-	-	-	-	-	203,000	-
PER CENT OF TOTAL	100.0			55.3	-					44.7	
1972											
PAHO---PR	420,909	9	8	217,909	-	-	-	-	-	203,000	-
WHO---WR	47,868	1	3	47,868	-	-	-	-	-	-	-
TOTAL	468,777	10	11	265,777	-	-	-	-	-	203,000	-
PER CENT OF TOTAL	100.0			56.7	-					43.3	

PAHO PR-REGULAR BUDGET  
 PM-SPECIAL FUND FOR MALARIA ERADICATION  
 PW-COMMUNITY WATER SUPPLY  
 PG-GRANTS AND OTHER CONTRIBUTIONS  
 PI-INCAP AND OTHER RELATED GRANTS

WHO WR-REGULAR BUDGET  
 WA-MALARIA ERADICATION SPECIAL ACCOUNT  
 WT-UNITED NATIONS TECHNICAL ASSISTANCE  
 WS-UNITED NATIONS SPECIAL FUND  
 WO-GRANTS AND OTHER FUNDS

DETAILPART III - FIELD AND OTHER PROGRAMSSEC. 2. EDITORIAL SERVICES AND PUBLICATIONS

THE ORGANIZATION PUBLISHES MONTHLY THE BOLETIN DE LA OFICINA SANITARIA PANAMERICANA AND THE QUARTERLY JOURNAL EDUCACION MEDICA Y SALUD, IN ADDITION TO A SERIES OF OFFICIAL DOCUMENTS AND SCIENTIFIC AND SPECIAL PUBLICATIONS.

					FUND			
					1969	1970	1971	1972
					\$	\$	\$	\$
TOTAL					425,416	406,417	454,617	468,777
P-4	EDITOR	PR	1	1	1	1		
	.0127							
P-3	EDITOR	PR	2	2	2	2		
	.0128							
	.2062							
P-3	EDITOR	WR	1	1	1	1		
	4.0133							
-2	ADM SERVICES OFFICER	PR	1	1	1	1		
	.2057							
-2	EDITOR	PR	4	3	3	3		
	.0129							
	.0130							
	.0134							
	.2091							
-1	EDITOR	PR	3	2	2	2		
	.0022							
	.0136							
	.0137							
-7	TECHNICAL ASSISTANT	PR	2	2	2	2		
	.3494							
	.3495							
-7	TECHNICAL ASSISTANT	WR	1	1	1	1		
	4.0135							
-5	CLERK	PR	2	2	2	2		
	.0138							
	.3469							
-5	CLERK	WR	1	1	1	1		
	4.0141							
-4	CLERK	PR	4	4	4	4		
	.0131							
	.0132							
	.0140							
	.3328							
-2	CLERK	WR	1	1	1	1		
	4.2087							
TOTAL					425,416	406,417	454,617	468,777
SUBTOTAL					383,915	366,199	409,305	420,909
PERSONNEL-POSTS					178,873	191,949	206,305	217,909
DUTY TRAVEL					2,089	-	-	-
PASB BULLETIN					95,964	90,000	96,000	96,000
STATISTICAL PUBLICATIONS					15,003	10,000	15,000	15,000
SPECIAL PUB. & GAZETTE					71,490	68,000	71,500	71,500
JOURNAL OF MEDICAL EDUC.					20,496	6,250	20,500	20,500
SUBTOTAL					41,501	40,218	45,312	47,868
PERSONNEL-POSTS					41,501	40,218	45,312	47,868



## PART III - FIELD AND OTHER PROGRAMS

## ZONE I

## PROGRAM BUDGET

1 9 6 9		1 9 7 0		1 9 7 1		1 9 7 2	
AMOUNT	PERCENT	AMOUNT	PERCENT	AMOUNT	PERCENT	AMOUNT	PERCENT
\$ 765,270	29.0	\$ 1,184,025	31.0	\$ 1,157,174	29.3	\$ 1,184,291	30.5
301,942	11.5	226,067	5.9	247,042	6.3	274,225	7.2
3,336	.1	22,514	.6	29,637	.7	45,589	1.2
211,393	8.0	117,189	3.1	124,825	3.2	117,925	3.0
13,974	.5	-	-	-	-	-	-
712	*	3,961	.1	11,818	.3	10,054	.3
1,952	.1	7,965	.2	10,513	.3	18,326	.5
464	*	4,738	.1	3,484	.1	4,852	.1
54,400	2.1	54,225	1.4	50,530	1.3	57,021	1.5
1,276	.1	1,080	*	1,080	*	2,631	.1
14,435	.6	14,395	.4	15,155	.4	17,827	.5
463,328	17.5	957,958	25.1	910,132	23.0	910,066	23.3
99,644	3.8	183,026	4.8	236,024	6.0	243,076	6.2
150,069	5.7	568,926	14.9	396,879	10.0	363,618	9.3
213,167	8.0	199,223	5.2	261,223	6.6	291,541	7.5
448	*	6,783	.2	16,006	.4	11,831	.3
1,476,130	55.5	2,091,210	54.7	2,129,687	53.6	2,073,973	53.3
717,405	27.0	822,239	21.5	913,014	23.1	961,627	24.8
435,416	16.4	241,063	6.3	313,750	7.9	337,590	8.7
39,683	1.5	95,314	2.5	119,028	3.0	138,653	3.6
24,721	.9	115,899	3.0	89,530	2.3	79,391	2.0
30,887	1.2	36,619	1.0	34,000	.9	33,477	.9
43,527	1.6	73,486	1.9	68,104	1.7	72,571	1.9
76,600	2.9	111,852	2.9	158,996	4.0	174,202	4.5
66,571	2.5	148,006	3.9	129,704	3.3	125,743	3.2
758,725	28.5	1,268,971	33.2	1,216,673	30.5	1,112,346	28.5
18,898	.7	25,802	.7	4100	.7	35,090	.9
341,374	12.9	419,914	11.0	4200	10.3	422,278	10.9
56,647	2.1	77,808	2.0	4300	3.2	129,723	3.3
10,253	.4	35,961	1.0	4400	.3	18,287	.5
17,004	.6	20,187	.5	4500	.4	28,534	.7
9,550	.4	16,862	.4	4600	.4	17,411	.4
6,130	.2	18,793	.5	4700	.2	15,832	.4
173,730	6.5	423,109	11.1	4800	10.7	309,034	7.9
82,074	3.1	161,552	4.2	4900	2.8	90,930	2.3
43,065	1.6	68,983	1.8	5000	1.5	45,227	1.2
412,602	15.5	546,856	14.3	674,862	17.1	633,515	16.2
21,720	.8	85,507	2.2	6100	3.1	95,109	2.4
87,096	3.3	108,415	2.8	6200	3.5	138,347	3.6
85,204	3.2	110,331	2.9	6300	3.8	168,170	4.3
181,670	6.8	179,892	4.7	6400	5.0	168,860	4.3
-	-	11,190	.3	6500	.4	14,020	.4
17,385	.7	22,768	.6	6600	.5	16,969	.4
19,527	.7	28,753	.8	6700	.8	32,045	.8
2,654,002	100.0	3,822,091	100.0	3,961,723	100.0	3,891,779	100.0

\* LESS THAN .05 PERCENT

## PART III - FIELD AND OTHER PROGRAMS

## ZONE I

## SUMMARY OF INVESTMENT

SOURCE OF FUNDS	TOTAL AMOUNT	PERSONNEL		AMOUNT	DUTY TRAVEL AMOUNT	FELLOWSHIPS		AMOUNT	SEMINARS PART.	SUPPLIES AND EQUIPMENT	GRANTS AND OTHER		
		POSTS PROF.	LOCAL MONTH			ACAD.	SHORT						
1969													
PAHO---PR	841,478	10	-	18	558,233	70,827	7	21	52,456	-	38,980	69,449	51,033
PM	195,851	6	-	-	112,476	11,357	-	-	-	-	-	71,838	180
PW	4,915	-	-	3	4,915	-	-	-	-	-	-	-	-
PG	299,249	-	-	-	96,593	6,693	-	34	91,535	-	18,674	36,850	48,904
WHO---WR	789,500	13	-	27	357,466	31,657	45	86	284,877	-	8,997	71,141	335,362
WT	294,359	6	-	24	258,715	18,081	9	1	12,238	26	936	3,489	900
WS	186,760	13	1	13	129,638	4,576	-	2	1,186	-	-	4,324	7,416
WD	42,590	-	1	-	6,118	-	-	-	-	-	-	-	36,472
TOTAL	2,654,002	48	2	85	1,524,154	143,191	61	144	442,292	26	67,587	296,511	180,267
PER CENT OF TOTAL	100.0				57.4	5.4			16.7	2.5	11.2		6.8
1970													
PAHO---PR	1,159,997	13	-	48	848,306	85,272	11	30	96,465	-	6,559	78,108	45,187
PM	32,128	1	-	-	15,628	1,500	-	-	-	-	-	15,000	-
PW	43,273	1	-	11	34,873	1,000	-	-	5,400	-	-	2,000	-
PG	441,931	-	-	-	184,453	12,158	-	-	87,927	-	25,703	78,057	53,633
WHO---WR	856,739	14	-	41	517,210	34,284	36	53	224,366	-	9,885	9,211	61,783
WT	498,822	6	-	31	360,608	22,060	6	17	98,574	-	-	6,480	900
WS	787,126	14	2	28	378,832	19,967	10	7	64,407	-	-	300,177	23,743
WD	12,975	-	1	-	6,365	-	-	-	-	-	-	-	5,710
TOTAL	3,822,091	49	3	159	2,346,275	176,241	63	107	577,139	-	42,247	489,233	190,956
PER CENT OF TOTAL	100.0				61.4	4.6			15.1		1.1	12.8	5.0
1971													
PAHO---PR	1,419,123	13	-	77	984,255	88,368	27	46	180,481	20	14,837	107,365	43,617
PM	32,771	1	-	-	16,271	1,500	-	-	-	-	-	15,000	-
PW	81,761	1	-	28	71,761	1,000	-	5	7,000	-	-	2,000	-
PG	318,842	-	-	-	201,866	11,818	-	-	49,214	-	3,520	11,169	41,165
WHO---WR	981,314	13	-	41	575,656	40,546	44	55	257,309	-	11,529	34,452	61,822
WT	635,725	6	-	34	398,128	23,201	17	17	205,540	-	-	7,956	900
WS	482,959	13	1	18	376,958	20,040	6	2	39,500	-	-	31,727	15,134
WD	9,228	-	1	-	9,228	-	-	-	-	-	-	-	-
TOTAL	3,961,723	47	2	198	2,634,123	186,563	94	125	739,244	20	29,886	209,769	162,638
PER CENT OF TOTAL	100.0				66.5	4.7			18.7	0.7	5.3		4.1
1972													
PAHO---PR	1,542,672	13	-	66	1,062,774	90,183	27	46	188,168	40	33,135	119,061	49,246
PM	33,414	1	-	-	16,914	1,500	-	-	-	-	-	15,000	-
PW	64,649	1	-	29	54,649	1,000	-	5	7,000	-	-	2,000	-
PG	227,984	-	-	-	173,926	11,417	-	-	9,794	-	502	8,706	23,139
WHO---WR	1,108,864	14	-	47	648,260	43,025	45	75	295,139	-	29,231	28,639	64,570
WT	611,125	4	-	42	379,623	21,701	18	12	200,940	-	-	7,956	900
WS	293,439	8	1	8	225,835	12,640	2	2	13,700	-	-	31,868	9,996
WD	9,732	-	1	-	9,732	-	-	-	-	-	-	-	-
TOTAL	3,891,779	41	2	183	2,571,718	186,871	92	140	714,741	40	63,269	213,230	147,651
PER CENT OF TOTAL	100.0				66.1	4.8			18.4	1.6	5.5		3.8

PAHO PR-REGULAR BUDGET  
 PM-SPECIAL FUND FOR MALARIA ERADICATION  
 PW-COMMUNITY WATER SUPPLY  
 PG-GRANTS AND OTHER CONTRIBUTIONS  
 PI-INCAP AND OTHER RELATED GRANTS

WHO WR-REGULAR BUDGET  
 WA-MALARIA ERADICATION SPECIAL ACCOUNT  
 WT-UNITED NATIONS TECHNICAL ASSISTANCE  
 WS-UNITED NATIONS SPECIAL FUND  
 WD-GRANTS AND OTHER FUNDS

## BARBADOS

## PROGRAM BUDGET

1 9 6 9		1 9 7 0		1 9 7 1		1 9 7 2		
AMOUNT	PERCENT	AMOUNT	PERCENT	AMOUNT	PERCENT	AMOUNT	PERCENT	
\$		\$		\$		\$		
38,879	20.2	48,981	19.6	I. PROTECTION OF HEALTH	56,196	17.2	65,456	19.7
4,347	2.2	7,514	3.0	A. COMMUNICABLE DISEASES	8,842	2.7	10,251	3.1
-	-	2,563	1.0	0100 GENERAL	2,969	.9	4,488	1.3
-	-	-	-	0400 TUBERCULOSIS	1,010	.3	-	-
166	.1	236	.1	0500 LEPROSY	264	.1	303	.1
52	*	204	.1	0600 VENEREAL DISEASES	72	*	216	.1
3,899	2.0	4,280	1.7	0700 ZOOUSES	4,257	1.3	4,704	1.4
230	.1	231	.1	1000 PARASITIC DISEASES	270	.1	540	.2
34,532	18.0	41,467	16.6	B. ENVIRONMENTAL HEALTH	47,354	14.5	55,205	16.6
9,616	5.0	11,802	4.7	2100 GENERAL	22,959	7.0	29,632	8.9
8,406	4.4	8,033	3.2	2200 WATER SUPPLIES	8,553	2.6	9,025	2.7
16,446	8.6	20,752	8.3	2300 AEDES AEGYPTI ERADICATION	14,933	4.6	15,610	4.7
64	*	880	.4	2400 HOUSING	909	.3	938	.3
120,626	63.2	180,947	72.2	II. PROMOTION OF HEALTH	238,309	72.8	241,713	72.3
56,943	29.8	82,993	33.1	A. GENERAL SERVICES	103,413	31.6	102,750	30.8
25,255	13.2	17,990	7.2	3100 GENERAL PUBLIC HEALTH	47,205	14.4	49,354	14.8
3,245	1.7	10,034	4.0	3200 NURSING	5,855	1.8	7,679	2.3
416	.2	17,066	6.8	3300 LABORATORY	9,909	3.0	3,970	1.2
6,039	3.2	7,124	2.8	3400 HEALTH EDUCATION	6,873	2.1	6,873	2.1
1,755	.9	5,666	2.3	3500 STATISTICS	3,455	1.1	3,601	1.1
13,139	6.9	12,117	4.8	3600 ADMINISTRATIVE METHODS	18,075	5.5	19,148	5.7
7,094	3.7	12,996	5.2	3700 HEALTH PLANNING	12,041	3.7	12,125	3.6
63,683	33.4	97,954	39.1	B. SPECIFIC PROGRAMS	134,896	41.2	138,963	41.5
2,129	1.1	2,064	.8	4100 MATERNAL AND CHILD HEALTH	2,427	.8	3,613	1.1
40,750	21.3	57,377	22.9	4200 NUTRITION	52,534	16.0	53,265	15.9
768	.4	-	-	4300 MENTAL HEALTH	450	.1	-	-
1,428	.8	1,340	.5	4500 RADIATION AND ISOTOPES	1,372	.4	2,250	.7
1,321	.7	1,640	.7	4600 OCCUPATIONAL HEALTH	1,913	.6	1,978	.6
847	.5	896	.4	4700 FOOD AND DRUG	930	.3	964	.3
10,783	5.6	25,136	10.0	4800 MEDICAL CARE	65,445	20.0	67,935	20.3
4,932	2.6	7,821	3.1	4900 HEALTH AND POPULATION DYNAMICS	7,349	2.2	6,518	1.9
745	.4	1,680	.7	5000 REHABILITATION	2,476	.8	2,440	.7
31,811	16.6	20,516	8.2	III. DEVELOPMENT OF EDUCATIONAL INSTITUTIONS	32,943	10.0	27,012	8.0
1,769	.9	12,286	4.9	6100 PUBLIC HEALTH	17,911	5.5	11,161	3.3
258	.1	396	.2	6200 MEDICINE	5,899	1.8	6,425	1.9
26,681	14.0	3,705	1.5	6300 NURSING	4,660	1.4	4,736	1.4
1,291	.7	1,624	.6	6400 ENVIRONMENTAL SCIENCES	1,796	.5	1,892	.6
1,812	.9	2,505	1.0	6700 BIOSTATISTICS	2,677	.8	2,798	.8
191,316	100.0	250,444	100.0	GRAND TOTAL	327,448	100.0	334,181	100.0

\* LESS THAN .05 PERCENT

## BARBADOS

## SUMMARY OF INVESTMENT

SOURCE OF FUNDS	TOTAL AMOUNT	*-----PERSONNEL-----*			*--DUTY--*	*---FELLOWSHIPS---*		*--SEMINARS--*	*SUPPLIES*	*--GRANTS--*			
		POSTS PROF.	LOCAL	STC MONTH	TRAVEL AMOUNT	ACAD.	SHORT	AMOUNT	AND EQUIPMENT	AND OTHER			
	\$			\$	\$			\$	\$	\$			
1969													
PAHO---PR	115,079	1	-	-	67,703	8,888	5	3	18,095	-	4,060	7,372	8,961
PG	26,813	-	-	-	8,044	405	-	-	14,149	-	723	1,135	2,357
WHO---WR	25,913	-	-	-	18,644	2,901	-	-	258	-	195	1,356	2,559
WT	21,967	-	-	4	20,003	1,801	1	-	-	-	-	63	-
WS	1,532	-	-	-	1,146	91	-	-	-	-	-	206	89
WO	112	-	-	-	112	-	-	-	-	-	-	-	-
TOTAL	191,316	1	-	4	115,652	14,086	6	3	32,502	-	4,978	10,132	13,966
PER CENT OF TOTAL	100.0				60.4	7.4			17.0		2.6	5.3	7.3
1970													
PAHO---PR	113,965	-	-	3	71,283	8,809	3	2	15,927	-	1,005	10,143	6,798
PG	46,466	-	-	-	24,518	1,662	-	-	12,180	-	3,456	2,051	2,579
WHO---WR	43,522	-	-	-	30,005	2,487	1	-	4,606	-	826	1,494	4,104
WT	41,775	-	-	6	32,905	1,850	1	-	6,400	-	-	620	-
WS	4,600	-	-	-	3,484	120	-	-	-	-	-	815	181
WO	116	-	-	-	116	-	-	-	-	-	-	-	-
TOTAL	250,444	-	-	9	162,311	14,948	5	2	39,113	-	5,287	15,123	13,662
PER CENT OF TOTAL	100.0				64.8	6.0			15.6		2.1	6.0	5.5
1971													
PAHO---PR	144,169	-	-	8	90,311	9,647	6	5	31,889	-	1,105	4,362	6,855
PG	41,832	-	-	-	30,412	1,666	-	-	5,430	-	816	1,113	2,395
WHO---WR	51,216	-	-	-	35,965	3,531	1	-	4,152	-	1,010	2,634	8,924
WT	86,540	-	-	4	34,307	2,144	7	-	49,634	-	-	455	-
WS	3,565	-	-	-	2,988	120	-	-	-	-	-	255	202
WO	126	-	-	-	126	-	-	-	-	-	-	-	-
TOTAL	327,448	-	-	12	194,109	17,108	14	5	91,105	-	2,931	8,819	13,376
PER CENT OF TOTAL	100.0				59.3	5.2			27.8		.9	2.7	4.1
1972													
PAHO---PR	156,919	-	-	9	99,965	9,835	6	5	31,882	-	2,380	4,070	8,787
PG	30,006	-	-	-	24,515	1,661	-	-	520	-	186	983	2,141
WHO---WR	57,222	-	-	-	40,144	3,811	1	1	6,120	-	1,500	1,608	4,039
WT	86,540	-	-	4	34,307	2,144	7	-	49,634	-	-	455	-
WS	3,356	-	-	-	2,820	120	-	-	-	-	-	228	188
WO	138	-	-	-	138	-	-	-	-	-	-	-	-
TOTAL	344,181	-	-	13	201,889	17,571	14	6	88,156	-	4,066	7,344	15,155
PER CENT OF TOTAL	100.0				60.4	5.3			26.4		1.2	2.2	4.5
-----													
PAHO PR-REGULAR BUDGET					WHO WR-REGULAR BUDGET								
PM-SPECIAL FUND FOR MALARIA ERADICATION					WA-MALARIA ERADICATION SPECIAL ACCOUNT								
PG-COMMUNITY WATER SUPPLY					WT-UNITED NATIONS TECHNICAL ASSISTANCE								
PW-GRANTS AND OTHER CONTRIBUTIONS					WS-UNITED NATIONS SPECIAL FUND								
PI-INCAP AND OTHER RELATED GRANTS					WO-GRANTS AND OTHER FUNDS								
-----													

## DETAIL

BARBADOS-2100, ENVIRONMENTAL SANITATION

THE PURPOSE OF THIS PROJECT IS TO PROVIDE ASSISTANCE TO THE SANITATION BOARD IN REORGANIZING REFUSE COLLECTION AND DISPOSAL ACTIVITIES; CURRICULUM DEVELOPMENT OF THE NATIONAL PUBLIC HEALTH INSPECTORS' TRAINING PROGRAM; AND DESIGN OF ENVIRONMENTAL ENGINEERING LABORATORY FACILITIES, IN ORDER TO CREATE A NATIONAL CAPABILITY TO CARRY ON ESSENTIAL ENVIRONMENTAL CONTROL ACTIVITIES.

IN 1969, UNDER THE HEALTH SERVICES ACT, HEALTH FUNCTIONS WERE VESTED IN THE MINISTRY OF HEALTH AND COMMUNITY DEVELOPMENT, BUT REFUSE COLLECTION AND DISPOSAL WERE PLACED UNDER THE SANITATION BOARD, TO WORK IN CLOSE LIAISON WITH THE TECHNICAL OFFICERS OF THE MINISTRY.

OVER THE YEARS, ALL PUBLIC HEALTH INSPECTORS HAVE EITHER TRAVELLED ABROAD FOR TRAINING OR PARTICIPATED IN SPECIAL SHORT COURSES. THE GOVERNMENT IS DEVELOPING PLANS FOR LOCAL SHORT COURSES TO SATISFY BASIC REQUIREMENTS OF THESE PERSONNEL. A TRAINING OFFICER IS BEING PREPARED BY STUDY TRIPS, COURSES, AND PRACTICAL EXPERIENCE TO LEAD THIS ACTIVITY.

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
								\$	\$	\$	\$
TOTAL		-	-	5	8	TOTAL	PR	-	-	9,600	15,400
CONSULTANT MONTHS	PR	-	-	5	8	PERSONNEL-CONSULTANTS		-	-	9,000	14,400
						SUPPLIES AND EQUIPMENT		-	-	600	1,000
						EST. GOVERNMENT CONTRIB.				( 130,000)	( 130,000)

BARBADOS-2300, Aedes Aegypti ERADICATION

THERE IS LIGHT INFESTATION IN BARBADOS OF Aedes Aegypti, VECTOR OF YELLOW FEVER, DENGUE, AND DENGUE HEMORRHAGIC FEVER, WITH AN OVERALL Aedes INDEX OF APPROXIMATELY 0.5 PER CENT. MOST OF THE BREEDING IS CONFINED TO THE SOUTHERN HALF OF THE ISLAND. THE MOST SERIOUS PROBLEM AFFECTING THE ERADICATION CAMPAIGN IS THE HIGH PERCENTAGE (APPROXIMATELY 8 PER CENT) OF HOUSES FOUND CLOSED BY FIELD INSPECTORS DURING THE NORMAL WORKING HOURS OF 8:00 A.M. TO 5:00 P.M. IN EACH CYCLE OF OPERATIONS DURING 1969, IT WAS NOT POSSIBLE TO CARRY OUT INTERNAL INSPECTION AND TREATMENT OF APPROXIMATELY 7,000 HOUSES. EXISTING LEGISLATION DOES NOT PERMIT INSPECTION OF HOUSES BY HEALTH INSPECTORS AFTER 6:00 P.M.

THE OBJECTIVES OF THE PROJECT ARE TO COMPLETE THE ATTACK PHASE OF THE CAMPAIGN; TO IMPROVE THE STANDARDS OF FIELD SUPERVISION THROUGH REFRESHER COURSES AND CONTINUED IN-SERVICE TRAINING; AND TO ESTABLISH A 24-HOUR VIGILANCE SERVICE AT PORTS OF ENTRY ON COMPLETION OF THE CAMPAIGN AND THEREBY MAINTAIN THE COUNTRY FREE OF Aedes Aegypti UNTIL REGIONAL ERADICATION IS ACHIEVED.

TOTAL	PR	5,874	5,850	-	-
SUPPLIES AND EQUIPMENT		5,874	5,850	-	-
EST. GOVERNMENT CONTRIB.				( 110,000)	

BARBADOS-3100, HEALTH SERVICES

THE OBJECTIVES OF THIS PROJECT ARE TO IMPROVE, EXPAND, AND INTEGRATE CURATIVE AND PREVENTIVE SERVICES, AS WELL AS TO PROMOTE PREPARATION AND IMPLEMENTATION AND CONTINUOUS EVALUATION OF AN OVERALL HEALTH PLAN.

THE GOVERNMENT HAS DEVELOPED A FOUR-YEAR HEALTH PROGRAM (1968-1971) AND A FIVE-YEAR TRAINING PROGRAM (1968-1972). THE GOVERNMENT HAS BEEN ASSISTED IN A GENERAL EXAMINATION OF THE ADMINISTRATION OF THE HEALTH SERVICES IN PREPARATION FOR THE TAKEOVER OF LOCAL SERVICES IN LATE 1969. ASSISTANCE WILL BE PROVIDED TO DEVELOP A STATISTICAL UNIT AT THE MINISTRY OF HEALTH; TO EXPAND THE MANPOWER STUDY IN CONJUNCTION WITH THE INSTITUTE OF HUMAN RESOURCES TO INCLUDE NURSING, PUBLIC HEALTH INSPECTORS, MEDICAL TECHNOLOGISTS, AND PHARMACY AND DENTAL RESOURCES; TO CONDUCT THE ADVANCED SIX-WEEK TRAINING COURSE FOR TEN UNCERTIFIED PUBLIC HEALTH INSPECTORS; AND TO TRAIN LABORATORY TECHNICIANS, A NURSE IN ADVANCED NURSING ADMINISTRATION, A DENTAL HYGIENIST, AND MEDICAL RECORDS CLERKS.

TOTAL		-	-	-	1	TOTAL	PR	15,355	18,300	33,100	34,700
CONSULTANT MONTHS	PR	-	-	-	1	PERSONNEL-CONSULTANTS		-	-	-	1,800
						FELLOWSHIPS		10,671	14,800	29,600	28,200
TOTAL		6	5	10	9	COMMON SERVICES		4,684	3,500	3,500	4,700
FELLOWSHIPS-ACADEMIC	PR	3	3	6	6	EST. GOVERNMENT CONTRIB.				( 450,000)	( 450,000)
FELLOWSHIPS-SHORT TERM	PR	3	2	4	3					( 450,000)	

BARBADOS-3300, LABORATORY SERVICES

THE PURPOSE OF THE PROJECT IS TO ASSIST THE GOVERNMENT IN PROVIDING HIGH QUALITY, EXPANDED LABORATORY SERVICES AS A PART OF BARBADOS' IMPROVED HEALTH SERVICES AND AS A NECESSARY FACILITY FOR THE TRAINING OF MEDICAL STUDENTS.

SINCE 1967, MEDICAL STUDENTS HAVE RECEIVED CLINICAL TRAINING IN THEIR FINAL YEAR AT THE QUEEN ELIZABETH HOSPITAL. IN 1969, 25 STUDENTS RECEIVED TRAINING AT THE HOSPITAL. TRAINING IN MEDICAL TECHNOLOGY IS, AT PRESENT, PROVIDED THROUGH COURSES AT THE UNIVERSITY OF THE WEST INDIES. THE GOVERNMENT IS PLANNING TO IMPLEMENT TRAINING OF LABORATORY TECHNICIANS IN 1970 WITH TEN STUDENTS FOR A TWO-YEAR PERIOD. SINCE THE EXAMINATIONS IN MEDICAL TECHNOLOGY ARE, AT PRESENT, IN A STATE OF FLUX, IT IS PROVISIONALLY INTENDED TO PROVIDE TRAINING UP TO THE INTERMEDIATE LEVEL.

ASSISTANCE WILL BE PROVIDED IN THE PREPARATION OF CURRICULUM, IN TEACHING METHODS, AND IN THE PURCHASE OF BASIC TRAINING EQUIPMENT.

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
								\$	\$	\$	\$
TOTAL		-	3	3	-	TOTAL	PR	-	6,400	8,800	2,800
CONSULTANT MONTHS	PR	-	3	3	-	PERSONNEL-CONSULTANTS		-	5,400	5,400	-
TOTAL		-	-	1	2	SUPPLIES AND EQUIPMENT		-	1,000	2,000	-
FELLOWSHIPS-SHORT TERM	PR	-	-	1	2	FELLOWSHIPS		-	-	1,400	2,800
						EST. GOVERNMENT CONTRIB.			( 20,000)	( 20,000)	( 20,000)

BARBADOS-4200, NUTRITION

THE GOVERNMENT ESTABLISHED AN APPLIED NUTRITION PROGRAM IN EARLY 1969, WITH THE FIRST PHASE OF THE PROGRAM BEING A NUTRITION SURVEY. THE SURVEY COVERED CLINICAL AND BIOCHEMICAL EXAMINATIONS, FOOD CONSUMPTION AND SOCIOECONOMIC INVESTIGATIONS. PRELIMINARY RESULTS WERE GIVEN IN JULY 1969, WITH FINAL TABULATIONS PRESENTED IN NOVEMBER 1969.

THE OBJECTIVES OF THE PROJECT ARE TO DEVELOP NUTRITION TRAINING FOR IMPLEMENTATION OF THE APPLIED NUTRITION PROGRAM; TO STIMULATE NUTRITION ACTIVITIES IN THE COOPERATING MINISTRIES; TO COOPERATE WITH THE MINISTRY OF HEALTH IN DEVELOPING NUTRITION EDUCATION PROGRAMS IN HEALTH AND COMMUNITY CENTERS AND HEALTH AND TRAINING INSTITUTIONS; AND TO ASSIST IN THE TRAINING OF FOOD SERVICE WORKERS AT ALL LEVELS.

			1969	1970	1971	1972			1969	1970	1971	1972
TOTAL		-	1	1	2	TOTAL	WR	18	4,500	4,250	5,650	
FELLOWSHIPS-ACADEMIC	WR	-	1	1	1	SUPPLIES AND EQUIPMENT		18	500	250	250	
FELLOWSHIPS-SHORT TERM	WR	-	-	-	1	FELLOWSHIPS		-	4,000	4,000	5,400	
						EST. GOVERNMENT CONTRIB.			( 50,000)	( 50,000)	( 50,000)	

BARBADOS-4801, HOSPITAL ADMINISTRATION

A COMPREHENSIVE STUDY OF THE ADMINISTRATIVE SERVICES OF THE QUEEN ELIZABETH HOSPITAL HAS BEEN COMPLETED, AND THE RECOMMENDATIONS ARE BEING ADOPTED BY THE MINISTRY.

ASSISTANCE IS BEING PROVIDED TO SURVEY THE RELATIONSHIP BETWEEN THE QUEEN ELIZABETH HOSPITAL, THE MENTAL HOSPITAL, AND THE DISTRICT SERVICES IN ORDER TO PREPARE A MANUAL OF ORGANIZATION AND PROCEDURES. ASSISTANCE WILL ALSO BE PROVIDED TO DEVELOP OCCUPATIONAL THERAPY AT THE MENTAL HOSPITAL, TO ASSIST THE NEW HOSPITAL ADMINISTRATOR IN IMPLEMENTING THE RECOMMENDATIONS OF THE ADMINISTRATIVE STUDY, AND TO PROVIDE TRAINING FOR LOCAL PERSONNEL.

			1969	1970	1971	1972			1969	1970	1971	1972
TOTAL		4	6	4	4	TOTAL	WT	3,636	18,400	52,800	52,800	
CONSULTANT MONTHS	WT	4	6	4	4	PERSONNEL-CONSULTANTS		3,636	12,000	8,000	8,000	
TOTAL		1	1	7	7	FELLOWSHIPS		-	6,400	44,800	44,800	
FELLOWSHIPS-ACADEMIC	WT	1	1	7	7	EST. GOVERNMENT CONTRIB.			( 300,000)	( 300,000)	( 300,000)	

BARBADOS-6300, NURSING EDUCATION

THE AIM OF THIS PROJECT WAS TO COOPERATE WITH THE GOVERNMENT IN THE DEVELOPMENT AND OPERATION OF THE NEW DEPARTMENT OF NURSING EDUCATION AT THE QUEEN ELIZABETH HOSPITAL.

A COMPLETE REORGANIZATION OF THE NURSING EDUCATION SYSTEM WAS CARRIED OUT. THE OBJECTIVES OF THE DEPARTMENT OF NURSING EDUCATION ARE ADAPTED TO THE NEEDS OF BARBADOS. IT IS OPERATED AS AN EDUCATIONAL INSTITUTION, PROPERLY STAFFED, EQUIPPED, AND PREPARED TO TEACH STUDENTS TO WORK NOT ONLY IN THE HOSPITAL BUT IN ANY OTHER BRANCH OF THE HEALTH SERVICE. THE DEPARTMENT IS DESIGNED TO COVER BASIC NURSING EDUCATION AND MIDWIFERY, POST-BASIC AND IN-SERVICE NURSING EDUCATION, AND AUXILIARY TRAINING OF WARD ASSISTANTS. IT IS RESPONSIBLE TO THE HOSPITAL DIRECTOR, WITH A COORDINATING COMMITTEE, TO SERVE AS LIAISON BETWEEN NURSING SERVICE AND NURSING EDUCATION.

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
		\$	\$	\$	\$			\$	\$	\$	\$
TOTAL		1	-	-	-	TOTAL	PR	20,892	-	-	-
P-3 NURSE .1094	PR	1	-	-	-	PERSONNEL-POSTS		13,420	-	-	-
TOTAL		2	-	-	-	DUTY TRAVEL		522	-	-	-
FELLOWSHIPS-ACADEMIC	PR	2	-	-	-	FELLOWSHIPS		6,950	-	-	-

BARBADOS  
PORTIONS OF INTERCOUNTRY PROJECTS

	1969	1970	1971	1972
	\$	\$	\$	\$
TOTAL AMRO PROJECTS	145,541	196,994	218,898	222,831
0101 EPIDEMIOLOGY -- ZONE I	-	2,563	2,969	3,436
0111 EPIDEMIOLOGICAL SURVEILLANCE PROGRAM	-	-	-	1,052
0408 SEMINAR ON TUBERCULOSIS CONTROL	-	-	1,010	-
0500 LEPROSY CONTROL	166	236	264	303
0600 VENEREAL DISEASE CONTROL	52	204	72	216
0700 PAN AMERICAN ZONAL CENTER - RAMOS MEJIA	3,899	4,280	4,257	4,704
1008 CHAGAS' DISEASE	230	231	270	540
2100 ENVIRONMENTAL SANITATION	138	353	353	604
2101 SANITARY ENGINEERING--ZONE I	5,682	5,655	5,885	6,120
2107 ENVIRONMENTAL SANITATION-- CARIBBEAN	5,408	6,350	6,350	6,350
2114 PAN AMERICAN SANITARY ENGINEERING CENTER	4,788	8,264	10,466	11,183
2200 WATER SUPPLIES	3,043	1,403	2,198	2,335
2214 SEMINAR ON WATER POLLUTION CONTROL	-	834	-	-
2215 APPLIED RESEARCH ON WATER SUPPLIES	348	-	150	303
2300 AEDES AEGYPTI ERADICATION	3,694	4,752	4,353	5,030
2301 AEDES AEGYPTI ERADICATION -- CARIBBEAN	6,878	10,150	10,580	10,580
3107 PUBLIC HEALTH ADMINISTRATION -- CARIBBEAN	17,071	19,365	20,718	21,259
3110 COORDINATION OF INTERNATIONAL RESEARCH	2,033	1,254	1,373	1,982
3124 APPLICATION OF DATA PROCESSING TO HEALTH ADMINISTRATION	395	-	-	-
3130 CONFERENCE ON MYCOLOGY	-	1,131	-	-
3131 CARIBBEAN HEALTH MINISTERS' CONFERENCE	-	3,334	3,334	3,334
3200 NURSING SERVICES	252	866	922	1,213
3201 NURSING -- ZONE I	4,140	4,473	4,582	4,740
3210 HOSPITAL NURSING SERVICES	27	958	1,173	1,240
3211 SEMINAR ON PLANNING FOR NURSING	-	-	-	1,500
3300 LABORATORY SERVICES	416	484	503	503
3310 CONFERENCE ON VIRAL AND RICKETTSIAL VACCINES	-	1,406	-	-
3311 TRAINING LABORATORY PERSONNEL	-	776	606	667
3400 HEALTH EDUCATION	59	249	373	373
3401 HEALTH EDUCATION -- CARIBBEAN	5,980	6,875	6,500	6,500
3500 HEALTH STATISTICS	14	-	354	309
3501 HEALTH STATISTICS -- ZONE I	2,687	4,109	5,056	5,339
3516 REGIONAL SEMINAR ON DATA PROCESSING	-	620	-	-
3600 ADMINISTRATIVE METHODS AND PRACTICES IN PUBLIC HEALTH	1,596	1,536	1,570	2,215
3601 ADMINISTRATIVE METHODS AND PRACTICES - ZONE I	6,239	5,593	6,230	6,465
3607 MANAGEMENT OF HEALTH SERVICES	-	-	5,094	5,094
3700 HEALTH PLANNING	2,100	4,201	3,908	4,080
3701 HEALTH PLANNING AND ORGANIZATION - ZONE I	3,317	3,729	4,102	4,248
3715 PAN AMERICAN PROGRAM FOR HEALTH PLANNING	1,677	5,066	4,031	3,797
4100 MATERNAL AND CHILD HEALTH	64	401	438	1,451
4115 NURSING-MIDWIFERY EDUCATION	615	-	-	-

## BARBADOS - PORTIONS OF INTERCOUNTRY PROJECTS . . . CONTINUED

4200	NUTRITION ADVISORY SERVICES	259	390	592	604
4201	NUTRITION ADVISORY SERVICES - ZONE I	3,194	2,943	3,385	4,232
4203	INSTITUTE OF NUTRITION OF CENTRAL AMERICA AND PANAMA	8,755	7,169	7,026	7,408
4207	CARIBBEAN FOOD AND NUTRITION INSTITUTE	28,117	41,905	36,592	34,556
4221	SEMINAR ON NUTRITION IN FOOD AND HEALTH POLICIES	146	-	201	201
4230	NUTRITION TRAINING	261	470	488	614
4300	MENTAL HEALTH	-	-	450	-
4311	STUDY GROUP ON ADM. OF PSYCHIATRIC & MENTAL HEALTH SERVICES	748	-	-	-
4500	HEALTH ASPECTS OF RADIATION	-	-	-	847
4507	RADIATION HEALTH PROTECTION	1,428	1,340	1,372	1,403
4700	FOOD AND DRUG CONTROL	847	896	930	964
4800	MEDICAL CARE SERVICES	1,543	861	1,199	1,221
4801	MEDICAL CARE SERVICES (ZONE I)	-	-	1,631	3,391
4810	CHRONIC DISEASES	1,010	1,242	1,294	1,349
4813	HOSPITAL PLANNING AND ADMINISTRATION	155	277	2,445	2,487
4815	TRAINING FOR MEDICAL CARE AND HOSPITAL ADMINISTRATION	171	200	1,104	1,288
4819	SEMINAR ON CANCER REGISTRATION	644	-	-	-
4900	HEALTH AND POPULATION DYNAMICS	2,198	4,502	4,518	3,462
4901	HEALTH AND POPULATION DYNAMICS -- ZONE I	2,734	2,919	2,831	3,056
5000	REHABILITATION	745	1,680	2,476	2,440
6101	HEALTH MANPOWER STUDIES (ZONE I)	1,769	12,286	17,911	11,161
6223	TEACHING OF BEHAVIORAL SCIENCES	258	396	5,646	5,646
6225	SURVEY OF FELLOWSHIP PROGRAMS	-	-	253	-
6226	COMMUNITY-CENTERED RESEARCH IN MEDICAL EDUCATION	-	-	-	779
6301	NURSING EDUCATION -- ZONE I	4,898	3,705	3,858	4,011
6312	SEMINARS ON NURSING EDUCATION (ZONE I)	891	-	802	725
6400	SANITARY ENGINEERING EDUCATION	1,291	1,120	1,128	1,173
6707	LATIN AMERICAN CENTER FOR THE CLASSIFICATION OF DISEASES	223	253	297	305
6708	TRAINING PROGRAM IN HOSPITAL STATISTICS	248	389	425	446

## BARBADOS

## SUMMARY OF INVESTMENTS BY SOURCE OF FUNDS

SOURCE OF FUNDS	*-----COUNTRY PROJECTS-----*				*-----PORTIONS OF INTER-COUNTRY PROJECTS-----*			
	1969	1970	1971	1972	1969	1970	1971	1972
TOTAL FUNDS	45,775	53,450	108,550	111,350	145,541	196,994	218,898	272,831
PR PAHO REGULAR	42,121	30,550	51,500	52,900	72,958	83,415	92,669	104,019
PG PAHO GRANTS & OTHER CONTRIB.	-	-	-	-	26,813	46,466	41,832	30,006
WR WHO REGULAR	18	4,500	4,250	5,650	25,895	39,022	46,966	51,572
WT WHO TECHNICAL ASSISTANCE	3,636	18,400	52,800	52,800	18,231	23,375	33,740	33,740
WS UNITED NATIONS SPECIAL FUND	-	-	-	-	1,532	4,600	3,565	3,356
WC WHO GRANTS & OTHER FUNDS	-	-	-	-	112	116	126	138

SOURCE OF FUNDS	*-----TOTAL ALL PROJECTS-----*			
	1969	1970	1971	1972
TOTAL FUNDS	151,316	250,444	327,448	334,181
PR PAHO REGULAR	115,079	113,965	144,169	156,919
PG PAHO GRANTS & OTHER CONTRIB.	26,813	46,466	41,832	30,006
WR WHO REGULAR	25,913	43,522	51,216	57,222
WT WHO TECHNICAL ASSISTANCE	21,867	41,775	86,540	86,540
WS UNITED NATIONS SPECIAL FUND	1,532	4,600	3,565	3,356
WC WHO GRANTS & OTHER FUNDS	112	116	126	138



## FRENCH ANTILLES AND GUIANA

## PROGRAM BUDGET

1 9 6 9		1 9 7 0			1 9 7 1		1 9 7 2	
AMOUNT	PERCENT	AMOUNT	PERCENT		AMOUNT	PERCENT	AMOUNT	PERCENT
\$		\$			\$		\$	
34,128	51.6	28,641	46.1	I. PROTECTION OF HEALTH	29,867	40.6	33,596	40.9
26,184	39.6	18,007	29.0	A. COMMUNICABLE DISEASES	19,405	26.4	22,402	27.3
-	-	986	1.6	0100 GENERAL	1,142	1.6	1,322	1.6
23,787	36.1	13,704	22.1	0200 MALARIA	14,299	19.4	16,151	19.6
162	.2	235	.4	0500 LEPROSY	264	.4	302	.4
74	.1	306	.5	0600 VENEREAL DISEASES	108	.1	324	.4
1,935	2.9	2,177	3.4	0700 ZOOZOSES	2,120	2.9	2,343	2.9
226	.3	649	1.0	1000 PARASITIC DISEASES	1,472	2.0	1,960	2.4
7,944	12.0	10,634	17.1	B. ENVIRONMENTAL HEALTH	10,482	14.2	11,194	13.6
478	.7	571	.9	2100 GENERAL	593	.8	617	.8
334	.5	237	.4	2200 WATER SUPPLIES	247	.3	258	.3
7,132	10.8	9,826	15.8	2300 AEDES AEGYPTI ERADICATION	9,642	13.1	10,319	12.5
30,744	46.7	32,210	52.0	II. PROMOTION OF HEALTH	42,459	57.7	47,938	57.6
14,657	22.2	16,441	26.6	A. GENERAL SERVICES	22,455	30.6	25,425	30.9
11,238	17.0	6,578	10.6	3100 GENERAL PUBLIC HEALTH	3,166	11.1	8,775	10.6
275	.4	1,223	2.0	3200 NURSING	1,443	2.0	3,018	3.7
-	-	5,180	8.4	3300 LABORATORY	3,605	4.9	3,666	4.4
58	.1	248	.4	3400 HEALTH EDUCATION	373	.5	373	.5
455	.7	749	1.2	3500 STATISTICS	1,170	1.6	1,216	1.5
2,631	4.0	2,463	4.0	3600 ADMINISTRATIVE METHODS	7,698	10.5	8,377	10.2
16,087	24.5	15,769	25.4	B. SPECIFIC PROGRAMS	20,004	27.1	22,113	26.7
98	.1	105	.2	4100 MATERNAL AND CHILD HEALTH	110	.1	114	.1
9,427	14.3	8,021	12.9	4200 NUTRITION	7,961	10.8	8,588	10.4
-	-	-	-	4300 MENTAL HEALTH	-	-	615	.7
1,423	2.2	1,339	2.2	4500 RADIATION AND ISOTOPES	1,370	1.9	2,247	2.7
168	.3	179	.3	4700 FOOD AND DRUG	185	.2	193	.2
2,742	4.2	1,584	2.5	4800 MEDICAL CARE	5,243	7.1	5,754	7.0
1,486	2.3	2,866	4.6	4900 HEALTH AND POPULATION DYNAMICS	2,662	3.6	2,164	2.6
743	1.1	1,675	2.7	5000 REHABILITATION	2,473	3.4	2,438	3.0
1,090	1.7	1,178	1.9	III. DEVELOPMENT OF EDUCATIONAL INSTITUTIONS	1,214	1.7	1,266	1.5
643	1.0	557	.9	6400 ENVIRONMENTAL SCIENCES	562	.8	584	.7
447	.7	621	1.0	6700 BIOSTATISTICS	652	.9	682	.8
65,962	100.0	62,029	100.0	GRAND TOTAL	73,560	100.0	82,400	100.0

\* LESS THAN .05 PERCENT

## FRENCH ANTILLES AND GUITANA

## SUMMARY OF INVESTMENT

SOURCE OF FUNDS	TOTAL AMOUNT	*-----PERSONNEL-----*			*---DUTY---*	*---FELLOWSHIPS---*		*---SEMINARS---*		*SUPPLIES* AND EQUIPMENT	*-GRANTS-* AND OTHER	
		POSTS PROF.	STC LOCAL	MONTH AMOUNT	TRAVEL AMOUNT	ACAD.	SHORT	AMOUNT	PART.	AMOUNT	AMOUNT	
	\$			\$	\$			\$	\$	\$	\$	
1969												
PAHO---PR	27,881	-	-	12,793	1,584	-	5	9,686	-	1,621	799	1,398
PM	22,237	-	-	5,729	425	-	-	-	-	16,083	-	-
PG	8,720	-	-	4,540	280	-	-	394	-	421	947	2,138
WHO---WR	3,704	-	-	2,688	363	-	-	254	-	194	103	102
WT	3,420	-	-	3,077	335	-	-	-	-	-	8	-
TOTAL	65,962	-	-	28,827	2,987	-	5	10,334	-	2,236	17,940	3,638
PER CENT OF TOTAL	100.0			43.7	4.5			15.7		3.4	27.2	5.5
1970												
PAHO---PR	44,175	-	-	23,040	2,549	-	3	4,570	-	169	12,034	1,813
PG	9,704	-	-	4,391	270	-	-	778	-	2,330	552	1,383
WHO---WR	3,075	-	-	2,650	210	-	-	-	-	205	10	-
WT	5,075	-	-	4,740	300	-	-	-	-	-	35	-
TOTAL	62,029	-	-	34,821	3,329	-	3	5,348	-	2,704	12,631	3,196
PER CENT OF TOTAL	100.0			56.1	5.4			8.6		4.4	20.4	5.1
1971												
PAHO---PR	49,652	-	-	27,062	3,100	1	2	6,932	-	102	10,855	1,601
PG	6,976	-	-	4,330	259	-	-	778	-	-	424	1,185
WHO---WR	6,764	-	-	5,167	289	-	-	-	-	-	1,308	-
WT	10,168	-	-	7,963	504	-	-	1,666	-	-	35	-
TOTAL	73,560	-	-	44,522	4,152	1	2	9,376	-	102	12,622	2,786
PER CENT OF TOTAL	100.0			60.5	5.7			12.7		.1	17.2	3.8
1972												
PAHO---PR	56,592	-	-	30,353	3,143	1	2	8,326	-	401	12,308	2,061
PG	6,361	-	-	4,461	254	-	-	348	-	-	336	962
WHO---WR	9,279	-	-	5,898	329	-	-	565	-	2,115	282	90
WT	10,168	-	-	7,963	504	-	-	1,666	-	-	35	-
TOTAL	82,400	-	-	48,675	4,230	1	2	10,905	-	2,516	12,961	3,113
PER CENT OF TOTAL	100.0			59.1	5.1			13.2		3.1	15.7	3.8

PAHO PR-REGULAR BUDGET  
 PM-SPECIAL FUND FOR MALARIA ERADICATION  
 PG-COMMUNITY WATER SUPPLY  
 PG-GRANTS AND OTHER CONTRIBUTIONS  
 PI-INCAP AND OTHER RELATED GRANTS

WHO WR-REGULAR BUDGET  
 WA-MALARIA ERADICATION SPECIAL ACCOUNT  
 WT-UNITED NATIONS TECHNICAL ASSISTANCE  
 WS-UNITED NATIONS SPECIAL FUND  
 WO-GRANTS AND OTHER FUNDS

DETAILFRENCH ANTILLES AND GUIANA-0200, MALARIA ERADICATION

NO CASES OF MALARIA HAVE BEEN REPORTED IN THE FRENCH ANTILLES DURING THE LAST SIX YEARS. THE PROBLEM IS NOW LIMITED TO FRENCH GUIANA, WHERE TRANSMISSION STILL OCCURS IN THE INTERIOR. DURING 1968, OF 7,132 BLOOD SLIDES EXAMINED, 50 WERE FOUND POSITIVE; IN 1969, OF 7,000 SLIDES EXAMINED, 52 WERE FOUND POSITIVE IN CERTAIN AREAS SPRAYING WITH DDT IS SUPPLEMENTED BY COLLECTIVE TREATMENT WITH MEDICATED SALT.

THE MEDICAL OFFICER ASSIGNED TO PROJECT AMRO-0201 ASSISTS WITH THIS PROJECT.

<u>FUND</u>	<u>1969</u>	<u>1970</u>	<u>1971</u>	<u>1972</u>	<u>FUND</u>	<u>1969</u>	<u>1970</u>	<u>1971</u>	<u>1972</u>
						\$	\$	\$	\$
TOTAL						15,988	6,000	6,000	6,000
SUBTOTAL	PR					-	6,000	6,000	6,000
SUPPLIES AND EQUIPMENT						-	6,000	6,000	6,000
SUBTOTAL	PM					15,988	-	-	-
SUPPLIES AND EQUIPMENT						15,988	-	-	-
EST. GOVERNMENT CONTRIB.							( 270,000 )	( 270,000 )	( 270,000 )

FRENCH ANTILLES AND GUIANA-3101, FELLOWSHIPS

FELLOWSHIPS ARE PROVIDED IN ORDER TO TRAIN PERSONNEL FOR THE IMPROVEMENT AND EXPANSION OF HEALTH SERVICES.

<u>TOTAL</u>		<u>5</u>	<u>3</u>	<u>3</u>	<u>3</u>	<u>TOTAL</u>	<u>PR</u>	<u>9,216</u>	<u>4,200</u>	<u>6,800</u>	<u>6,800</u>
FELLOWSHIPS-ACADEMIC	PR	-	-	1	1	FELLOWSHIPS		9,216	4,200	6,800	6,800
FELLOWSHIPS-SHORT TERM	PR	5	3	2	2						

FRENCH ANTILLES AND GUIANA-3300, LABORATORY SERVICES

THE PASTEUR INSTITUTE AND THE NATIONAL INSTITUTE FOR MEDICAL RESEARCH HAVE CREATED A VIRUS RESEARCH LABORATORY ON THE PREMISES OF THE PASTEUR INSTITUTE IN CAYENNE. TRAINING OF PERSONNEL, BASE-LINE COLLECTIONS OF MOSQUITOES AND RODENTS, ISOLATION OF VIRUS, AND PREPARATION OF ANTIGENS IS BEING CARRIED OUT. WITH THE PREPARED ANTIGENS, A STUDY OF THE POPULATION WILL BE UNDERTAKEN. AT PRESENT, DATA ARE BEING COLLECTED ON THE DISTRIBUTION OF ARBOVIRUSES IN THE SOUTH AMERICAN CONTINENT.

TOTAL	PR	-	3,000	3,000	3,000
SUPPLIES AND EQUIPMENT		-	3,000	3,000	3,000

FRENCH ANTILLES AND GUIANA  
PORTIONS OF INTERCOUNTRY PROJECTS

	1969	1970	1971	1972
	\$	\$	\$	\$
TOTAL AMRC PROJECTS	40,758	48,829	57,760	66,600
0101 EPIDEMIOLOGY -- ZONE I	-	986	1,142	1,322
0200 MALARIA TECHNICAL ADVISORY SERVICES	2,591	2,252	2,388	2,577
0201 MALARIA ERADICATION - ZONE I	5,208	5,452	5,911	7,574
0500 LEPROSY CONTROL	162	235	264	302
0600 VENEREAL DISEASE CONTROL	74	306	108	324
0700 PAN AMERICAN ZOONOSSES CENTER - RAMOS MEJIA	1,935	2,127	2,120	2,343
1007 SCHISTOSOMIASIS	-	435	1,220	1,420
1008 CHAGAS' DISEASE	226	214	252	540
2101 SANITARY ENGINEERING -- ZONE I	812	808	840	875
2300 AEDES AEGYPTI ERADICATION	3,694	4,751	4,352	5,029
2301 AEDES AEGYPTI ERADICATION -- CARIBBEAN	3,438	5,075	5,290	5,290
3110 COORDINATION OF INTERNATIONAL RESEARCH	2,022	1,248	1,366	1,975
3130 CONFERENCE ON MYCOLOGY	-	1,130	-	-
3201 NURSING -- ZONE I	593	633	656	679
3210 HOSPITAL NURSING SERVICES	25	956	1,170	1,237
3211 SEMINAR ON PLANNING FOR NURSING	-	-	-	1,500
3310 CONFERENCE ON VIRAL AND RICKETTSIAL VACCINES	-	1,405	-	-
3311 TRAINING LABORATORY PERSONNEL	-	775	605	666
3400 HEALTH EDUCATION	58	248	373	373
3500 HEALTH STATISTICS	6	-	136	119
3501 HEALTH STATISTICS -- ZONE I	896	1,370	1,686	1,779
3600 ADMINISTRATIVE METHODS AND PRACTICES IN PUBLIC HEALTH	1,591	1,531	1,566	2,206
3601 ADMINISTRATIVE METHODS AND PRACTICES - ZONE I	1,040	932	1,039	1,078
3607 MANAGEMENT OF HEALTH SERVICES	-	-	5,093	5,093
4201 NUTRITION ADVISORY SERVICES - ZONE I	456	421	484	605
4203 INSTITUTE OF NUTRITION OF CENTRAL AMERICA AND PANAMA	8,711	7,130	6,990	7,370
4230 NUTRITION TRAINING	260	470	487	613
4315 STUDY GROUP ON TRAINING PSYCHIATRISTS	-	-	-	615
4500 HEALTH ASPECTS OF RADIATION	-	-	-	845
4507 RADIATION HEALTH PROTECTION	1,423	1,339	1,370	1,402
4700 FOOD AND DRUG CONTROL	168	179	185	193
4800 MEDICAL CARE SERVICES	1,539	859	1,196	1,217
4801 MEDICAL CARE SERVICES (ZONE I)	-	-	233	485
4813 HOSPITAL PLANNING AND ADMINISTRATION	153	268	2,441	2,484
4815 TRAINING FOR MEDICAL CARE AND HOSPITAL ADMINISTRATION	165	196	1,100	1,284
4819 SEMINAR ON CANCER REGISTRATION	640	-	-	-
4900 HEALTH AND POPULATION DYNAMICS	1,095	2,449	2,257	1,727
4901 HEALTH AND POPULATION DYNAMICS -- ZONE I	391	417	405	437
5000 REHABILITATION	743	1,675	2,473	2,438
6400 SANITARY ENGINEERING EDUCATION	643	557	562	584

FRENCH ANTILLES AND GUIANA  
SUMMARY OF INVESTMENTS BY SOURCE OF FUNDS

SOURCE OF FUNDS	*-----COUNTRY PROJECTS-----*				*-----PORTIONS OF INTER-COUNTRY PROJECTS-----*			
	1969	1970	1971	1972	1969	1970	1971	1972
TOTAL FUNDS	25,204	13,200	15,800	15,800	40,758	48,829	57,760	66,600
PR PAHO REGULAR	9,216	13,200	15,800	15,800	18,665	30,975	33,852	40,792
PM PAHO SPECIAL MALARIA	15,988	-	-	-	8,249	-	-	-
PG PAHO GRANTS & OTHER CONTRIB.	-	-	-	-	8,720	9,704	6,976	6,361
WR WHO REGULAR	-	-	-	-	3,704	3,075	6,764	9,279
WT WHO TECHNICAL ASSISTANCE	-	-	-	-	3,420	5,075	10,168	10,168

SOURCE OF FUNDS	*-----TOTAL ALL PROJECTS-----*			
	1969	1970	1971	1972
TOTAL FUNDS	65,962	62,029	73,560	82,400
PR PAHO REGULAR	27,881	44,175	49,652	56,592
PM PAHO SPECIAL MALARIA	22,237	-	-	-
PG PAHO GRANTS & OTHER CONTRIB.	8,720	9,704	6,976	6,361
WR WHO REGULAR	3,704	3,075	6,764	9,279
WT WHO TECHNICAL ASSISTANCE	3,420	5,075	10,168	10,168

## GUYANA

## PROGRAM BUDGET

1 9 6 9		1 9 7 0			1 9 7 1		1 9 7 2	
AMOUNT	PERCENT	AMOUNT	PERCENT		AMOUNT	PERCENT	AMOUNT	PERCENT
\$		\$			\$		\$	
128,425	48.0	117,402	36.0	I. PROTECTION OF HEALTH	154,291	39.2	138,480	35.8
74,965	28.1	55,190	17.0	A. COMMUNICABLE DISEASES	57,895	14.7	42,135	10.9
-	-	2,563	.8	0100 GENERAL	2,969	.8	4,137	1.1
69,992	26.2	47,006	14.4	0200 MALARIA	49,427	12.5	31,534	8.1
162	.1	235	.1	0500 LEPROSY	264	.1	302	.1
49	*	204	.1	0600 VENEREAL DISEASES	72	*	216	.1
3,870	1.5	4,251	1.3	0700 ZOOZOSES	4,237	1.1	4,683	1.2
892	.3	931	.3	1000 PARASITIC DISEASES	926	.2	1,263	.3
53,460	19.9	62,212	19.0	B. ENVIRONMENTAL HEALTH	96,396	24.5	96,345	24.9
16,127	6.0	19,512	6.0	2100 GENERAL	26,244	6.7	25,774	6.7
14,722	5.5	20,449	6.2	2200 WATER SUPPLIES	17,717	4.5	27,252	7.0
22,547	8.4	21,162	6.5	2300 AEDES AEGYPTI ERAADICATION	51,309	13.0	42,156	10.9
64	*	1,089	.3	2400 HOUSING	1,126	.3	1,163	.3
132,469	49.7	197,297	60.4	II. PROMOTION OF HEALTH	223,032	56.5	231,589	59.7
67,151	25.3	105,564	32.3	A. GENERAL SERVICES	118,526	30.0	117,182	30.2
37,374	14.0	52,839	16.2	3100 GENERAL PUBLIC HEALTH	54,366	13.8	47,775	12.3
12,697	4.8	22,150	6.8	3200 NURSING	30,706	7.6	34,588	8.9
414	.2	4,463	1.3	3300 LABORATORY	2,907	.7	2,968	.8
58	*	248	.1	3400 HEALTH EDUCATION	372	.1	372	.1
1,752	.7	2,246	.7	3500 STATISTICS	3,451	.9	3,598	.9
6,097	2.3	5,571	1.7	3600 ADMINISTRATIVE METHODS	11,158	2.8	11,967	3.1
8,759	3.3	18,048	5.5	3700 HEALTH PLANNING	16,066	4.1	15,914	4.1
65,318	24.4	91,733	28.1	B. SPECIFIC PROGRAMS	104,506	26.5	114,407	29.5
1,402	.5	1,246	.4	4100 MATERNAL AND CHILD HEALTH	4,070	1.0	6,022	1.6
49,893	18.7	70,501	21.6	4200 NUTRITION	67,431	17.1	71,124	18.4
-	-	-	-	4300 MENTAL HEALTH	450	.1	180	*
1,399	.5	1,502	.4	4500 RADIATION AND ISOTOPES	1,532	.4	2,407	.6
1,318	.5	1,637	.5	4600 OCCUPATIONAL HEALTH	1,909	.5	1,973	.5
842	.3	895	.3	4700 FOOD AND DRUG	928	.2	961	.2
4,799	1.8	6,461	2.0	4800 MEDICAL CARE	18,440	4.7	22,860	5.9
4,925	1.8	7,817	2.4	4900 HEALTH AND POPULATION DYNAMICS	7,342	1.9	6,510	1.7
740	.3	1,674	.5	5000 REHABILITATION	2,404	.6	2,370	.6
5,963	2.3	12,077	3.6	III. DEVELOPMENT OF EDUCATIONAL INSTITUTIONS	17,054	4.3	17,507	4.5
172	.1	264	.1	6200 MEDICINE	4,023	1.0	4,283	1.1
3,341	1.3	8,253	2.5	6300 NURSING	9,130	2.3	9,130	2.4
643	.2	1,060	.3	6400 ENVIRONMENTAL SCIENCES	1,229	.3	1,302	.3
1,807	.7	2,500	.7	6700 BIOSTATISTICS	2,672	.7	2,792	.7
266,857	100.0	326,776	100.0	GRAND TOTAL	394,377	100.0	387,576	100.0

\* LESS THAN .05 PERCENT

## GUYANA

## SUMMARY OF INVESTMENT

SOURCE OF FUNDS	TOTAL AMOUNT	PERSONNEL			AMOUNT	DUTY TRAVEL AMOUNT	FELLOWSHIPS		SEMINARS		SUPPLIES AND EQUIPMENT	GRANTS AND OTHER	
		POSTS PROF.	LOCAL	STC MONTH			ACAD.	SHORT	PART.	AMOUNT			
	\$				\$	\$			\$	\$	\$	\$	
1969													
PAHO---PR	79,715	1	-	-	55,991	6,880	-	-	468	-	3,302	8,717	4,357
PM	65,321	2	-	-	47,132	2,950	-	-	-	-	15,149	90	
PG	26,065	-	-	-	8,033	401	-	-	13,463	-	692	1,125	2,351
WHO---WR	71,485	2	-	1	49,255	3,434	-	15	4,395	-	128	5,065	9,208
WT	21,102	-	-	6	17,354	1,006	2	-	2,240	-	-	502	-
WS	3,058	-	-	-	2,289	181	-	-	-	-	-	410	178
WO	111	-	-	-	111	-	-	-	-	-	-	-	-
TOTAL	266,857	5	-	7	180,165	14,852	2	15	20,566	-	4,122	30,968	16,184
PER CENT OF TOTAL	100.0				67.5	5.6			7.7		1.5	11.6	6.1
1970													
PAHO---PR	137,548	2	-	-	100,950	10,714	-	1	2,526	-	170	19,663	3,725
PG	35,183	-	-	-	16,180	730	-	-	12,178	-	2,330	2,045	1,720
WHO---WR	104,209	2	-	5	72,247	4,532	3	3	16,804	-	205	319	10,102
WT	40,525	-	-	6	26,220	900	2	-	12,800	-	-	605	-
WS	9,196	-	-	-	6,966	240	-	-	-	-	-	1,628	362
WO	115	-	-	-	115	-	-	-	-	-	-	-	-
TOTAL	326,776	4	-	11	222,678	17,116	5	4	44,308	-	2,705	24,060	15,909
PER CENT OF TOTAL	100.0				68.2	5.2			13.6		.8	7.4	4.8
1971													
PAHO---PR	196,789	3	-	-	124,437	12,448	-	4	6,488	-	1,103	48,500	3,813
PG	24,932	-	-	-	16,136	719	-	-	5,428	-	-	1,106	1,543
WHO---WR	116,020	2	-	3	74,588	5,126	5	3	24,351	-	-	2,033	9,927
WT	49,382	-	-	6	30,895	1,164	2	-	16,578	-	-	745	-
WS	7,129	-	-	-	5,976	240	-	-	-	-	-	509	404
WO	125	-	-	-	125	-	-	-	-	-	-	-	-
TOTAL	394,377	5	-	9	252,157	19,697	7	7	52,845	-	1,103	52,893	15,682
PER CENT OF TOTAL	100.0				63.9	5.0			13.4		.3	13.4	4.0
1972													
PAHO---PR	190,317	2	-	2	127,513	11,241	-	4	8,664	-	2,488	35,892	4,519
PG	19,856	-	-	-	16,329	714	-	-	518	-	-	976	1,319
WHO---WR	121,173	2	-	4	83,630	5,406	2	8	19,916	-	1,500	683	10,038
WT	49,382	-	-	6	30,895	1,164	2	-	16,578	-	-	745	-
WS	6,711	-	-	-	5,640	240	-	-	-	-	-	455	376
WO	137	-	-	-	137	-	-	-	-	-	-	-	-
TOTAL	387,576	4	-	12	264,144	18,765	4	12	45,676	-	3,988	38,751	16,252
PER CENT OF TOTAL	100.0				68.2	4.8			11.8		1.0	10.0	4.2

PAHO PR-REGULAR BUDGET  
 PM-SPECIAL FUND FOR MALARIA ERADICATION  
 PW-COMMUNITY WATER SUPPLY  
 PG-GRANTS AND OTHER CONTRIBUTIONS  
 PI-INCAP AND OTHER RELATED GRANTS

WHO WR-REGULAR BUDGET  
 WA-MALARIA ERADICATION SPECIAL ACCOUNT  
 WT-UNITED NATIONS TECHNICAL ASSISTANCE  
 WS-UNITED NATIONS SPECIAL FUND  
 WO-GRANTS AND OTHER FUNDS

DETAILGUYANA-0200, MALARIA ERADICATION

THE MALARIA ERADICATION PROGRAM IN GUYANA BEGAN IN 1961. MALARIA TRANSMISSION HAS BEEN INTERRUPTED IN AREAS WHERE 93.8 PER CENT OF THE TOTAL POPULATION LIVES, IN THE COASTAL AREA AND IN THE DISTRICTS NEAR THE INTERIOR OF THE COUNTRY. THE PRESENT PROBLEM IS IN THE REMOTE AREAS OF THE SPARSELY POPULATED INTERIOR OF THE COUNTRY. ATTACK MEASURES NOW CONSIST OF THE APPLICATION OF DDT AND THE DISTRIBUTION OF CHLORQUINIZED SALT IN SELECTED AREAS.

THE INCIDENCE OF DISEASE IN THE COUNTRY HAS BEEN NOTABLY REDUCED. WITH A SAMPLING FLUCTUATING BETWEEN 34,163 IN 1967 AND 70,121 IN 1969 BLOOD SLIDES EXAMINED, CASES DECREASED CONSIDERABLY IN THE LAST FOUR YEARS, FROM 919 CASES IN 1966 TO 25 IN 1969. SOME CASES ARE CLASSIFIED AS IMPORTED.

UNICEF PARTICIPATES IN THIS PROGRAM.

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
								\$	\$	\$	\$
TOTAL		2	1	1	-	TOTAL		54,898	32,128	34,171	10,000
P-2 SANITARIAN .0381	PR	-	1	1	-	SUBTOTAL	PR	-	32,128	34,171	10,000
P-2 SANITARIAN .0381 .2134	PM	2	-	-	-	PERSONNEL-POSTS		-	15,628	16,271	-
TOTAL		-	-	1	-	DUTY TRAVEL		-	1,500	1,500	-
FELLOWSHIPS-SHORT TERM	PR	-	-	1	-	SUPPLIES AND EQUIPMENT		-	15,000	15,000	10,000
						FELLOWSHIPS		-	-	1,400	-
						SUBTOTAL	PM	54,898	-	-	-
						PERSONNEL-POSTS		37,654	-	-	-
						DUTY TRAVEL		2,220	-	-	-
						SUPPLIES AND EQUIPMENT		15,024	-	-	-
						EST. GOVERNMENT CONTRIB.		( 75,000)(	( 75,000)(	( 75,000)(	( 75,000)

GUYANA-2100, ENVIRONMENTAL SANITATION

RECENT REVIEWS OF MORBIDITY AND MORTALITY REVEALED THAT THE GROUP OF DISEASES ATTRIBUTED TO POOR SANITATION, FOR EXAMPLE, GASTROENTERITIS AND DYSENTERY, CONSTITUTES ONE OF THE LEADING CAUSES OF HOSPITALIZATION AND DEATH IN THE COUNTRY. INADEQUATE SUPPLY OF WATER AND IMPROPER EXCRETA DISPOSAL ARE MAJOR FACTORS RESPONSIBLE FOR THIS SITUATION.

ASSISTANCE IS PROVIDED IN THE DEVELOPMENT OF A FUNCTIONAL DIVISION OF SANITARY ENGINEERING AND ENVIRONMENTAL HEALTH IN THE MINISTRY OF HEALTH; IMPROVEMENT OF SCHOOL SANITATION, RURAL WATER SUPPLY, AND EXCRETA DISPOSAL FACILITIES; AND DEVELOPMENT OF A FUNCTIONAL ORGANIZATION TO SUPPLY AND MANAGE WATER AND ORGANIZE TRAINING OF PERSONNEL IN THE FIELD OF ENVIRONMENTAL HEALTH AT ALL LEVELS BY MEANS OF SEMINARS, FELLOWSHIPS, AND COURSES.

		1	1	1	1		WR	18,244	25,357	26,313	31,342
TOTAL		1	1	1	1	TOTAL		17,770	20,357	19,913	21,342
P-4 SANITARY ENGINEER 4.0383	WR	1	1	1	1	PERSONNEL-POSTS		474	1,000	1,000	1,000
TOTAL		-	1	2	6	DUTY TRAVEL		-	4,000	5,400	11,000
FELLOWSHIPS-ACADEMIC	WR	-	1	1	1	FELLOWSHIPS		-	-	-	-
FELLOWSHIPS-SHORT TERM	WR	-	-	1	5	EST. GOVERNMENT CONTRIB.		( 150,000)(	( 150,000)(	( 150,000)(	( 150,000)

GUYANA-2300, AEDES AEGYPTI ERADICATION

THERE IS HEAVY GENERALIZED INFESTATION OF AEDES AEGYPTI THROUGHOUT THE COUNTRY, WITH AN OVERALL AEDES INDEX OF ABOUT 25 PER CENT. IN GEORGETOWN, THE INDEX IS APPROXIMATELY 11 PER CENT, WHILE IN SOME OF THE RURAL AREAS THE INDEX REACHES 40 PER CENT.

ASSISTANCE WILL BE PROVIDED, MAINLY THROUGH AMRO-2301, IN ORDER TO HELP EXPAND THE PRESENT CAMPAIGN INTO A COUNTRYWIDE ERADICATION PROGRAM; TO RECRUIT AND TRAIN ADDITIONAL FIELD PERSONNEL; TO IMPROVE THE STANDARDS OF FIELD SUPERVISION; TO CARRY OUT SUSCEPTIBILITY TESTS AT THE PAHO INSECTICIDE TESTING UNIT IN JAMAICA, WHICH ARE INTENDED TO ENSURE THE EFFECTIVITY OF THE INSECTICIDES BEING USED; AND TO WORK IN CLOSE COLLABORATION WITH THE HEALTH EDUCATION UNIT SO AS TO OBTAIN MAXIMUM COOPERATION FROM HOUSEHOLDERS.

		7,615	-	30,000	20,000
TOTAL	PR	7,615	-	30,000	20,000
SUPPLIES AND EQUIPMENT		7,615	-	30,000	20,000
EST. GOVERNMENT CONTRIB.		( 170,000)(	( 170,000)(	( 170,000)(	( 170,000)

GUYANA-3100, HEALTH SERVICES

THE GOVERNMENT ENTERED 1969 WITH A FIRM DETERMINATION TO MOUNT THE NECESSARY MACHINERY TO DIAGNOSE AND THEN FORMULATE, AS WELL AS IMPLEMENT, A NATIONAL HEALTH PLAN.

ASSISTANCE IS PROVIDED IN ORDER TO ENSURE THE STRENGTHENING OF THE MACHINERY DEALING WITH THE FORMULATION OF THE NATIONAL HEALTH PLAN, WHICH IS EXPECTED TO BE COMPLETED IN EARLY 1970. ASSISTANCE WILL BE PROVIDED IN THE ESTABLISHMENT OF THE OBJECTIVES FOR EACH SELECTED PRIORITY, ADEQUATE PROGRAMING, AND A PRECISE DEFINITION OF TARGETS YEAR BY YEAR. TWO MAIN ASPECTS WILL BE EMPHASIZED DURING 1970-1972: THE IMPROVEMENT OF THE MINISTRY'S ADMINISTRATIVE STRUCTURE AND FUNCTIONING, AND THE PROMOTION OF TRAINING, BOTH LOCALLY AND ABROAD.

FUND 1969 1970 1971 1972					FUND 1969 1970 1971 1972					
-----					-----					
					WR					
					\$					
TOTAL		1	1	1	1	TOTAL	35,352	50,727	53,267	46,067
P-5 PAHC/WHC REPRESENTATIVE 4,0382	WR	1	1	1	1	PERSONNEL-POSTS	18,417	22,027	21,567	23,167
						PERSONNEL-CONSULTANTS	953	9,000	5,400	7,200
TOTAL		1	5	3	4	DUTY TRAVEL	768	1,500	1,500	1,500
						SUPPLIES AND EQUIPMENT	4,417	-	-	-
CONSULTANT MONTHS	WR	1	5	3	4	FELLOWSHIPS	4,141	12,200	18,800	8,200
						COMMON SERVICES	6,656	6,000	6,000	6,000
TOTAL		15	5	6	4	EST. GOVERNMENT CONTRIB.		( 210,000)(	231,000)(	254,000)
FELLOWSHIPS-ACADEMIC	WR	-	2	4	1					
FELLOWSHIPS-SHORT TERM	WR	15	3	2	3					

GUYANA-3200, NURSING SERVICES

A RECENT STUDY OF NURSING ACTIVITIES HAS BEEN CONDUCTED BY FIVE NATIONAL NURSES, WITH ADVISORY ASSISTANCE FROM THE ORGANIZATION. A HEALTH MANPOWER STUDY HAS BEEN COMPLETED, BUT CODING OF THE DATA HAS NOT YET BEEN FINISHED. THEREFORE, THE IMPLICATIONS FOR NURSING HAVE NOT YET BEEN DETERMINED. AN ACTIVE COMMITTEE WITH MULTIDISCIPLINARY REPRESENTATION HAS STARTED A REVISION OF THE BASIC NURSING CURRICULUM. IN THE MEANTIME, EFFORTS TO IMPROVE THE PRESENT EDUCATIONAL PROGRAM ARE BEING MADE IN LINE WITH PROPOSED CHANGES.

THE OBJECTIVES OF THE PROJECT ARE TO COMPLETE THE DEVELOPMENT OF THE NURSING COMPONENT OF THE NATIONAL HEALTH PLAN; DEVELOPMENT OF A NURSING UNIT WITHIN THE MINISTRY OF HEALTH, WHICH WILL FUNCTION AS A COORDINATING UNIT FOR IMPLEMENTATION OF PROPOSED PROGRAMS; PREPARATION OF TEACHING PERSONNEL AND DEVELOPMENT OF EDUCATIONAL PROGRAMS AT THE BASIC LEVEL; AND THE PROVISION OF CONTINUING EDUCATION FOR GRADUATE NURSES IN ORDER TO IMPROVE NURSING CARE.

TOTAL					TOTAL					
-----					-----					
					PR					
					\$					
TOTAL		-	-	1	1	TOTAL	10,839	25,300	42,688	48,363
P-3 NURSE .3448	PR	-	-	1	1	SUBTOTAL	-	-	17,388	23,063
						PERSONNEL-POSTS	-	-	13,588	17,863
TOTAL		6	6	6	6	DUTY TRAVEL	-	-	1,000	1,000
						FELLOWSHIPS	-	-	2,800	4,200
CONSULTANT MONTHS	WT	6	6	6	6	SUBTOTAL	10,839	25,300	25,300	25,300
						PERSONNEL-CONSULTANTS	8,122	12,000	12,000	12,000
TOTAL		2	2	4	5	SUPPLIES AND EQUIPMENT	477	500	500	500
						FELLOWSHIPS	2,240	12,800	12,800	12,800
FELLOWSHIPS-ACADEMIC	WT	2	2	2	2	EST. GOVERNMENT CONTRIB.		( 30,000)(	34,000)(	36,000)
FELLOWSHIPS-SHORT TERM	PR	-	-	2	3					

GUYANA-4200, NUTRITION

THE GOVERNMENT IS SHOWING INCREASING INTEREST IN IDENTIFYING AND SOLVING NUTRITIONAL PROBLEMS IN THE COUNTRY. THE MINISTRIES OF AGRICULTURE, EDUCATION, ECONOMIC DEVELOPMENT, AND HEALTH ARE COOPERATING IN THE APPLIED NUTRITION PROGRAM, WHICH IS FUNCTIONING IN EIGHT AREAS. IN-SERVICE TRAINING COURSES ARE BEING DEVELOPED.

ASSISTANCE WILL BE PROVIDED IN ORDER TO EXPAND THE APPLIED NUTRITION PROGRAM TO REACH 24 AREAS BY 1972; FEASIBILITY STUDIES WILL BE CONDUCTED FOR THE DEVELOPMENT OF A LOW-COST HIGH-PROTEIN PRODUCT; TRAINING COURSES WILL BE REVIEWED AND EXPANDED; SERVICES WILL BE PROVIDED IN THE DEVELOPMENT OF A NATIONAL FOOD AND NUTRITION POLICY; AND ASSISTANCE WILL BE GIVEN IN ORDER TO INTRODUCE NUTRITION AND DIETETIC CONCEPTS IN THE EXISTING SCHOOLS OF NURSING, TEACHING, HOME ECONOMICS, AND PARAMEDICAL PERSONNEL, TO IMPROVE FOOD SERVICES IN HOSPITALS, AND TO PROVIDE A THERAPEUTIC DIET MANUAL.

TOTAL					TOTAL					
-----					-----					
					PR					
					\$					
TOTAL		1	1	1	1	TOTAL	9,220	17,674	19,190	23,556
P-3 NUTRITIONIST .3083	PR	1	1	1	1	PERSONNEL-POSTS	9,188	15,524	16,290	17,056
						PERSONNEL-CONSULTANTS	-	-	-	3,600
TOTAL		-	-	-	2	DUTY TRAVEL	32	500	500	500
						SUPPLIES AND EQUIPMENT	-	250	1,000	1,000
CONSULTANT MONTHS	PR	-	-	-	2	FELLOWSHIPS	-	1,400	1,400	1,400
						EST. GOVERNMENT CONTRIB.		( 35,000)(	38,500)(	42,350)
TOTAL		-	1	1	1					
FELLOWSHIPS-SHORT TERM	PR	-	1	1	1					



GUYANA  
PORTIONS OF INTERCOUNTRY PROJECTS

	1969	1970	1971	1972
	\$	\$	\$	\$
<b>TOTAL AMPO PROJECTS</b>	<b>130,689</b>	<b>175,590</b>	<b>188,748</b>	<b>206,248</b>
0101 EPIDEMIOLOGY -- ZONE I	-	2,563	2,969	3,436
0111 EPIDEMIOLOGICAL SURVEILLANCE PROGRAM	-	-	-	701
0200 MALARIA TECHNICAL ADVISORY SERVICES	2,591	2,251	2,389	2,575
0201 MALARIA ERADICATION - ZONE I	9,113	9,540	8,866	11,361
0217 FIELD INVESTIGATION OF MASS DRUG TREATMENT	210	-	-	-
0218 PROMOTION OF RURAL HLTH SERV AND ERADICATION CAMPAIGNSNS	3,180	2,436	2,759	5,579
0219 DATA PROCESSING & OPERATIONS RESEARCH IN MALARIA ERADICATION	-	651	1,243	2,019
0500 LEPROSY CONTROL	162	235	264	302
0600 VENEREAL DISEASE CONTROL	49	204	72	216
0700 PAN AMERICAN ZOOZOSES CENTER	3,870	4,251	4,237	4,683
1000 PARASITIC DISEASES	667	702	656	723
1008 CHAGAS* DISEASE	225	229	270	540
2100 ENVIRONMENTAL SANITATION	135	351	351	559
2101 SANITARY ENGINEERING -- ZONE I	5,682	5,655	5,885	6,119
2114 PAN AMERICAN SANITARY ENGINEERING CENTER	4,781	8,239	10,436	11,155
2116 CONFERENCE ON INTEGRATION OF ENVIRONMENTAL PROGRAMS	-	-	-	544
2200 WATER SUPPLIES	3,042	1,397	2,191	2,376
2215 APPLIED RESEARCH ON WATER SUPPLIES	347	-	150	300
2220 PUBLIC SERVICES ADMINISTRATION	-	1,981	2,118	2,268
2300 AECES AEGYPTI ERADICATION	4,616	5,917	5,439	6,286
2301 AECES AEGYPTI ERADICATION -- CARIBBEAN	10,316	15,225	15,870	15,870
2400 PUBLIC HEALTH ASPECTS OF HOUSING AND URBANIZATION	-	210	219	227
3110 COORDINATION OF INTERNATIONAL RESEARCH	2,022	1,247	1,365	1,974
3124 APPLICATION OF DATA PROCESSING TO HEALTH ADMINISTRATION	392	-	-	-
3130 CONFERENCE ON MYCOLOGY	-	1,130	-	-
3131 CARIBBEAN HEALTH MINISTERS' CONFERENCE	-	3,334	3,334	3,334
3200 NURSING SERVICES	246	862	918	1,204
3201 NURSING -- ZONE I	4,139	4,423	4,580	4,739
3210 HOSPITAL NURSING SERVICES	24	929	1,138	1,203
3211 SEMINAR ON PLANNING FOR NURSING	-	-	-	1,500
3300 LABORATORY SERVICES	414	483	502	502
3310 CONFERENCE ON VIRAL AND RICKETTSIAL VACCINES	-	1,405	-	-
3311 TRAINING LABORATORY PERSONNEL	-	175	605	666
3400 HEALTH EDUCATION	58	248	372	372
3500 HEALTH STATISTICS	14	-	350	206
3501 HEALTH STATISTICS -- ZONE I	2,687	4,109	5,056	5,339
3600 ADMINISTRATIVE METHODS AND PRACTICES IN PUBLIC HEALTH	1,590	1,531	1,565	2,206
3601 ADMINISTRATIVE METHODS AND PRACTICES - ZONE I	4,507	4,040	4,500	4,868
3607 MANAGEMENT OF HEALTH SERVICES	-	-	5,093	5,093
3700 HEALTH PLANNING	2,096	4,191	3,903	4,073
3701 HEALTH PLANNING AND ORGANIZATION - ZONE I	3,316	3,729	4,102	4,248
3715 PAN AMERICAN PROGRAM FOR HEALTH PLANNING	3,347	19,128	8,061	7,593
4100 MATERNAL AND CHILD HEALTH	63	399	436	1,444
4115 NURSING-MIDWIFERY EDUCATION	610	-	-	-
4200 NUTRITION ADVISORY SERVICES	256	388	590	601
4201 NUTRITION ADVISORY SERVICES - ZONE I	3,194	2,943	3,385	4,232
4203 INSTITUTE OF NUTRITION OF CENTRAL AMERICA AND PANAMA	8,704	7,123	6,988	7,367
4207 CARIBBEAN FOOD AND NUTRITION INSTITUTE	28,115	41,904	36,591	34,555
4221 SEMINAR ON NUTRITION IN FOOD AND HEALTH POLICIES	144	-	200	200
4230 NUTRITION TRAINING	260	469	487	613
4300 MENTAL HEALTH	-	-	450	180
4500 HEALTH ASPECTS OF RADIATION	-	-	-	845
4507 RADIATION HEALTH PROTECTION	1,384	1,302	1,332	1,362
4509 RADIATION SURVEILLANCE	15	200	200	200
4700 FOOD AND DRUG CONTROL	842	895	928	961
4800 MEDICAL CARE SERVICES	1,013	835	1,162	1,184
4801 MEDICAL CARE SERVICES (ZONE I)	-	-	1,630	3,391
4810 CHRONIC DISEASES	1,007	1,240	1,293	1,347
4813 HOSPITAL PLANNING AND ADMINISTRATION	153	268	2,373	2,414
4815 TRAINING FOR MEDICAL CARE AND HOSPITAL ADMINISTRATION	165	201	1,098	1,281
4819 SEMINAR ON CANCER REGISTRATION	639	-	-	-
4900 HEALTH AND POPULATION DYNAMICS	2,192	4,899	4,511	3,454
4901 HEALTH AND POPULATION DYNAMICS -- ZONE I	2,733	2,918	2,831	3,056
5000 REHABILITATION	740	1,674	2,404	2,370
6223 TEACHING OF BEHAVIORAL SCIENCES	172	264	3,764	3,764
6225 SURVEY OF FELLOWSHIP PROGRAMS	-	-	259	-
6226 COMMUNITY-CENTERED RESEARCH IN MEDICAL EDUCATION	-	-	-	519

## GUYANA - PORTIONS OF INTERCOUNTRY PROJECTS . . . CONTINUED

6301 NURSING EDUCATION -- ZONE I	2,450	1,853	1,929	2,006
6312 SEMINARS ON NURSING EDUCATION (ZONE I)	891	-	801	724
6400 SANITARY ENGINEERING EDUCATION	643	557	562	584
6707 LATIN AMERICAN CENTER FOR THE CLASSIFICATION OF DISEASES	220	253	297	303
6708 TRAINING PROGRAM IN HOSPITAL STATISTICS	246	384	420	442

## GUYANA

## SUMMARY OF INVESTMENTS BY SOURCE OF FUNDS

SOURCE OF FUNDS	*-----COUNTRY PROJECTS-----*				*-----PORTIONS OF INTER-COUNTRY PROJECTS-----*			
	1969	1970	1971	1972	1969	1970	1971	1972
TOTAL FUNDS	136,168	151,186	205,629	181,328	130,689	175,590	188,748	206,248
PR PAHO REGULAR	16,835	49,802	100,749	76,619	62,880	87,746	96,040	113,698
PM PAHO SPECIAL MALARIA	54,898	-	-	-	10,423	-	-	-
PG PAHO GRANTS & OTHER CONTRIB.	-	-	-	-	26,065	35,183	24,932	19,856
WR WHO REGULAR	53,596	76,084	79,580	79,409	17,889	28,125	36,440	41,764
WT WHO TECHNICAL ASSISTANCE	10,839	25,300	25,300	25,300	10,263	15,225	24,082	24,082
WS UNITED NATIONS SPECIAL FUND	-	-	-	-	3,058	9,196	7,129	6,711
WC WHO GRANTS & OTHER FUNDS	-	-	-	-	111	115	125	137

SOURCE OF FUNDS	*-----TOTAL ALL PROJECTS-----*			
	1969	1970	1971	1972
TOTAL FUNDS	266,857	326,776	394,377	387,576
PR PAHO REGULAR	79,715	137,548	196,789	190,317
PM PAHO SPECIAL MALARIA	65,321	-	-	-
PG PAHO GRANTS & OTHER CONTRIB.	26,065	35,183	24,932	19,856
WR WHO REGULAR	71,485	104,209	116,020	121,173
WT WHO TECHNICAL ASSISTANCE	21,102	40,525	49,382	49,382
WS UNITED NATIONS SPECIAL FUND	3,058	9,196	7,125	6,711
WC WHO GRANTS & OTHER FUNDS	111	115	125	137

## JAMAICA

## PROGRAM BUDGET

1 9 6 9		1 9 7 0			1 9 7 1		1 9 7 2	
AMOUNT	PERCENT	AMOUNT	PERCENT		AMOUNT	PERCENT	AMOUNT	PERCENT
\$		\$			\$		\$	
62,161	17.9	87,835	17.7	I. PROTECTION OF HEALTH	88,421	16.7	109,813	19.7
6,883	2.1	11,070	2.3	A. COMMUNICABLE DISEASES	12,663	2.5	15,040	2.7
-	-	2,563	.5	0100 GENERAL	2,969	.6	4,837	.9
2,588	.8	3,613	.7	0200 MALARIA	3,866	.7	4,468	.8
-	-	-	-	0400 TUBERCULOSIS	1,006	.2	-	-
162	.1	234	.1	0500 LEPROSY	263	.1	302	.1
49	*	204	.1	0600 VENEREAL DISEASES	72	*	216	*
3,861	1.1	4,242	.9	0700 ZOOZOSES	4,235	.8	4,677	.8
223	.1	214	*	1000 PARASITIC DISEASES	252	.1	540	.1
55,278	15.8	76,765	15.4	B. ENVIRONMENTAL HEALTH	75,758	14.2	94,773	17.0
11,625	3.3	32,477	6.5	2100 GENERAL	30,331	5.7	31,746	5.7
10,508	3.0	20,847	4.2	2200 WATER SUPPLIES	21,904	4.1	23,451	4.2
33,081	9.5	22,352	4.5	2300 AEDS AEGYPTI ERADICATION	22,398	4.2	38,413	6.9
64	*	1,089	.2	2400 HOUSING	1,125	.2	1,163	.2
237,393	67.8	328,447	65.4	II. PROMOTION OF HEALTH	333,739	62.8	333,935	59.9
123,059	35.2	145,650	28.9	A. GENERAL SERVICES	135,542	25.6	136,306	24.5
59,998	17.2	49,153	9.8	3100 GENERAL PUBLIC HEALTH	63,083	11.9	67,105	12.0
1,855	.5	19,168	3.8	3200 NURSING	9,855	1.9	11,730	2.1
425	.1	2,699	.5	3300 LABORATORY	1,138	.2	1,201	.2
1,727	.5	248	*	3400 HEALTH EDUCATION	372	.1	372	.1
32,059	9.2	28,071	5.6	3500 STATISTICS	15,641	3.0	8,666	1.6
18,239	5.2	28,264	5.6	3600 ADMINISTRATIVE METHODS	29,388	5.5	31,320	5.6
8,756	2.5	18,047	3.6	3700 HEALTH PLANNING	16,065	3.0	15,912	2.9
114,334	32.6	182,797	36.5	B. SPECIFIC PROGRAMS	198,197	37.2	197,629	35.4
1,401	.4	4,657	.9	4100 MATERNAL AND CHILD HEALTH	4,969	.9	6,185	1.1
53,164	15.2	71,437	14.3	4200 NUTRITION	64,761	12.2	63,223	11.3
34,003	9.7	46,258	9.2	4300 MENTAL HEALTH	52,863	9.9	53,773	9.7
2,387	.7	1,608	.3	4400 DENTAL HEALTH	1,671	.3	2,979	.5
3,584	1.0	3,301	.7	4500 RADIATION AND ISOTOPES	3,331	.6	4,230	.8
1,399	.4	1,637	.3	4600 OCCUPATIONAL HEALTH	1,907	.4	1,972	.4
841	.2	894	.2	4700 FOOD AND DRUG	2,328	.4	2,361	.4
5,316	1.5	28,819	5.8	4800 MEDICAL CARE	43,086	8.1	43,662	7.8
11,499	3.3	22,513	4.5	4900 HEALTH AND POPULATION DYNAMICS	20,879	3.9	16,876	3.0
740	.2	1,673	.3	5000 REHABILITATION	2,402	.5	2,368	.4
50,029	14.3	84,915	16.9	III. DEVELOPMENT OF EDUCATIONAL INSTITUTIONS	109,234	20.5	113,789	20.4
1,767	.5	19,885	4.0	6100 PUBLIC HEALTH	31,509	5.9	24,759	4.5
16,870	4.8	20,272	4.0	6200 MEDICINE	27,068	5.1	28,023	5.0
28,051	8.0	30,359	6.1	6300 NURSING	40,855	7.7	53,752	9.7
642	.2	1,057	.2	6400 ENVIRONMENTAL SCIENCES	1,227	.2	1,300	.2
-	-	9,600	1.9	6600 DENTISTRY	4,600	.9	1,800	.3
2,699	.8	3,742	.7	6700 BIOSTATISTICS	3,975	.7	4,155	.7
349,583	100.0	501,197	100.0	GRAND TOTAL	531,394	100.0	557,537	100.0

\* LESS THAN .05 PERCENT

## JAMAICA

## SUMMARY OF INVESTMENT

SOURCE OF FUNDS	TOTAL AMOUNT	*-----PERSONNEL-----*			*--DUTY--*	*---FELLOWSHIPS---*		*---SEMINARS---*	*SUPPLIES*	*-GRANTS-*			
		POSTS PROF.	LOCAL	STC MONTH	TRAVEL AMOUNT	ACAD.	SHORT	AMOUNT	EQUIPMENT	AND OTHER			
	\$				\$		\$	\$	\$	\$			
1969													
PAHO---PR	117,221	2	-	-	77,480			531	-	4,061	19,062	5,446	
PM	1,038	-	-	-	965		17	-	-	-	56	-	
PW	729	-	-	1	729		-	-	-	-	-	-	
PG	69,945	-	-	-	17,163		1,527	-	3,247	1,387	26,625	-	
WHO---WR	121,930	3	-	6	64,562	4,195	2	19	32,354	3,483	2,436	14,900	
WT	35,551	2	-	-	33,305	2,221	1	-	-	-	25	-	
WS	3,058	-	-	-	2,289	181	-	-	-	-	410	178	
WO	111	-	-	-	111	-	-	-	-	-	-	-	
TOTAL	349,583	7	-	7	196,604	18,782	3	19	52,881	10,791	23,376	47,149	
PER CENT OF TOTAL	100.0				56.2	5.4			15.1	3.1	6.7	13.5	
1970													
PAHO---PR	143,227	2	-	3	107,406	12,213	1	2	7,996	-	1,004	10,437	4,171
PG	91,981	-	-	-	41,537	3,020	-	-	20,576	-	3,452	3,096	20,300
WHO---WR	178,654	3	-	13	105,777	5,729	6	20	52,604	-	823	550	13,171
WT	78,025	2	-	-	59,220	3,900	-	4	14,800	-	-	105	-
WS	9,195	-	-	-	6,966	240	-	-	-	-	-	1,627	362
WO	115	-	-	-	115	-	-	-	-	-	-	-	-
TOTAL	501,197	7	-	16	321,021	25,102	7	26	95,976	-	5,279	15,815	38,004
PER CENT OF TOTAL	100.0				64.1	5.0			19.1		1.1	3.1	7.6
1971													
PAHO---PR	193,803	2	-	16	148,312	12,755	3	6	21,351	-	1,104	5,988	4,293
PG	68,349	-	-	-	45,827	2,676	-	-	10,826	-	815	1,873	6,332
WHO---WR	178,592	3	-	13	115,704	6,326	4	17	39,951	-	1,006	2,684	12,921
WT	83,396	2	-	-	65,442	4,230	-	2	13,339	-	-	385	-
WS	7,129	-	-	-	5,976	240	-	-	-	-	-	509	404
WO	125	-	-	-	125	-	-	-	-	-	-	-	-
TOTAL	531,394	7	-	29	381,386	26,227	7	25	85,467	-	2,925	11,439	23,950
PER CENT OF TOTAL	100.0				71.8	4.9			16.1		.6	2.1	4.5
1972													
PAHO---PR	207,932	2	-	10	149,512	12,994	2	4	14,977	-	4,107	21,187	5,155
PG	44,145	-	-	-	36,082	2,419	-	-	1,536	-	186	1,339	2,583
WHO---WR	215,216	4	-	19	144,072	7,606	5	17	44,523	-	2,359	1,018	15,638
WT	83,396	2	-	-	65,442	4,230	-	2	13,339	-	-	385	-
WS	6,711	-	-	-	5,640	240	-	-	-	-	-	455	376
WO	137	-	-	-	137	-	-	-	-	-	-	-	-
TOTAL	557,537	8	-	29	400,885	27,489	7	23	74,375	-	6,652	24,384	23,752
PER CENT OF TOTAL	100.0				71.9	4.9			13.3		1.2	4.4	4.3

PAHO PR-REGULAR BUDGET  
 PM-SPECIAL FUND FOR MALARIA ERADICATION  
 PW-COMMUNITY WATER SUPPLY  
 PG-GRANTS AND OTHER CONTRIBUTIONS  
 PI-INCAP AND OTHER RELATED GRANTS

WHO WR-REGULAR BUDGET  
 WA-MALARIA ERADICATION SPECIAL ACCOUNT  
 WT-UNITED NATIONS TECHNICAL ASSISTANCE  
 WS-UNITED NATIONS SPECIAL FUND  
 WO-GRANTS AND OTHER FUNDS

DETAILJAMAICA-2100, WATER SUPPLIES AND ENVIRONMENTAL SANITATION

THE OBJECTIVES OF THIS PROJECT ARE TO ASSIST IN THE DEVELOPMENT OF PLANS FOR THE EXPANSION OF ENVIRONMENTAL SANITATION ACTIVITIES IN THE COUNTRY. THESE ACTIVITIES WILL COVER NATIONAL WATER PROGRAMS IN URBAN AND RURAL AREAS, INCLUDING A DETAILED STUDY FOR THE REORGANIZATION OF THE WATER COMMISSION FOR KINGSTON AS WELL AS THE NATIONAL WATER AUTHORITY. OTHER ACTIVITIES WILL BE DEVELOPED IN THE FIELDS OF INDUSTRIAL HYGIENE AND AIR POLLUTION, RADIATION PROTECTION, AND OTHER ENVIRONMENTAL SANITATION ACTIVITIES CONNECTED WITH THE MINISTRY OF HEALTH. TRAINING OF PROFESSIONAL PERSONNEL AS WELL AS OF THE NECESSARY AUXILIARY PERSONNEL WILL BE ASSISTED THROUGH THIS PROJECT, INCLUDING CONTINUATION OF THE COURSES FOR SENIOR PUBLIC HEALTH INSPECTORS OF THE WEST INDIES SCHOOL OF PUBLIC HEALTH.

AS OF 1969 IT WAS ESTIMATED THAT 96 PER CENT OF THE URBAN POPULATION OF 545,000 HAD WATER SUPPLY SERVICES THROUGH HOUSE CONNECTIONS AND 26 PER CENT OF THE RURAL POPULATION WAS SUPPLIED THROUGH HOUSE CONNECTIONS OR PUBLIC HYDRANTS. THE GOVERNMENT PLANS TO SPEND \$20.6 MILLION DURING 1968-1971 TO BRING THE PERCENTAGE OF PEOPLE SERVED UP TO 100 PER CENT AND 79 PER CENT.

<u>FUND 1969 1970 1971 1972</u>					<u>FUND 1969 1970 1971 1972</u>						
<u>-----</u>					<u>-----</u>						
					<u>\$ \$ \$ \$</u>						
TOTAL		1	1	1	1	TOTAL		7,284	37,200	74,900	34,900
P-4 SANITARY ENGINEER 4.0960	WT	1	1	1	1	SUBTOTAL	PR	-	5,800	7,200	7,200
TOTAL		1	1	1	1	PERSONNEL-CONSULTANTS FELLOWSHIPS		-	1,800	1,800	1,800
CONSULTANT MONTHS	PR	-	1	1	1	FELLOWSHIPS		-	4,000	5,400	5,400
CONSULTANT MONTHS	WR	1	-	-	-	SUBTOTAL	WR	2,400	-	-	-
TOTAL		1	3	3	3	PERSONNEL-CONSULTANTS FELLOWSHIPS		812	-	-	-
FELLOWSHIPS-ACADEMIC	PR	-	1	1	1	FELLOWSHIPS		1,590	-	-	-
FELLOWSHIPS-SHORT TERM	PR	-	-	1	1	SUBTOTAL	WT	4,882	31,400	27,700	27,700
FELLOWSHIPS-SHORT TERM	WR	1	-	-	-	PERSONNEL-POSTS		4,847	22,500	22,500	22,500
FELLOWSHIPS-SHORT TERM	WT	-	2	1	1	DUTY TRAVEL		35	1,500	1,500	1,500
						FELLOWSHIPS		-	7,400	3,700	3,700

JAMAICA-2200, WATER SUPPLIES

THE PURPOSE OF THIS PROJECT IS TO ASSIST IN THE PLANNING AND DEVELOPMENT OF A NATIONAL PROGRAM FOR THE PROVISION OF WATER TO RURAL AREAS AND IN THE IMPROVEMENT OF THE ADMINISTRATION AND ORGANIZATION OF THE NATIONAL WATER AUTHORITY AND THE WATER COMMISSION FOR THE CITY OF KINGSTON.

THIS PROJECT MERGED WITH JAMAICA-2100 IN 1970.

TOTAL		1	-	-	-	TOTAL	PW	729	-	-	-
CONSULTANT MONTHS	PW	1	-	-	-	PERSONNEL-CONSULTANTS		729	-	-	-

JAMAICA-2300, AEDES AEGYPTI ERADICATION

AT THE PRESENT TIME, JAMAICA IS INFESTED WITH AEDES AEGYPTI, WITH AN OVERALL INFESTATION RATE OF APPROXIMATELY 30 PER CENT. THIS PRESENTS A HEALTH HAZARD TO THE PEOPLE OF JAMAICA, AS IT IS WELL ABOVE THE LEVEL REQUIRED FOR AN EPIDEMIC. IN RECENT YEARS THE COUNTRY HAS BEEN AFFECTED BY PERIODIC OUTBREAKS OF DENGUE FEVER, AND THE PRESENCE OF DENGUE VIRUS TYPES 2 AND 3 INCREASES THE LIKELIHOOD OF THE OCCURRENCE OF DENGUE HEMORRHAGIC FEVER (WITH OR WITHOUT SHOCK SYNDROME). IN ADDITION, THIS HIGH INFESTATION PROVIDES A POTENTIAL FOR INFESTING COUNTRIES THAT HAVE COMPLETED ERADICATION.

THE GOVERNMENT OF JAMAICA IS INTERESTED IN A PROGRAM FOR THE ERADICATION OF THIS VECTOR. ASSISTANCE WILL BE PROVIDED TO ESTABLISH THE ERADICATION PROGRAM; TO SET UP THE NECESSARY ADMINISTRATIVE AND TECHNICAL MACHINERY; TO START THE ATTACK PHASE IN THE EASTERN PART OF THE ISLAND IN EARLY 1970; AND TO RECRUIT AND TRAIN FIELD STAFF.

TOTAL	PR	17,225	-	-	15,000
SUPPLIES AND EQUIPMENT		17,225	-	-	15,000
EST. GOVERNMENT CONTRIB.					( 579,820)

JAMAICA-3100, HEALTH SERVICES

THE OBJECTIVE OF THIS PROJECT IS TO IMPLEMENT THE NATIONAL PUBLIC HEALTH SERVICES DEVELOPMENT PROGRAM BY TRAINING PERSONNEL AT VARIOUS LEVELS THROUGH ACADEMIC COURSES ABROAD, LOCAL COURSES, AND IN-SERVICE TRAINING; AND BY MAKING A SYSTEMATIC DIAGNOSIS OF THE HEALTH SITUATION IN THE COUNTRY WHICH WILL PERMIT A QUANTITATIVE DESCRIPTION OF THE HEALTH SITUATION, A MEASUREMENT OF THE AVAILABLE RESOURCES, AN EVALUATION OF THE EFFICIENCY WITH WHICH THESE RESOURCES ARE USED, A PROJECTION OF FUTURE NEEDS, AND AN APPRAISAL AT ALL LEVELS OF THE ADMINISTRATIVE PRACTICES FOR ADMINISTERING HEALTH SERVICES. THIS OBJECTIVE WILL BE FURTHER ACHIEVED BY REORGANIZING THE HEALTH SERVICES, INCLUDING MEASURES DESIGNED TO IMPROVE INTERNAL OPERATIONS OF THE HEALTH SERVICES, TO COMPLETE THE REGIONALIZATION OF HEALTH SERVICES, TO INTEGRATE AND BETTER COORDINATE PREVENTIVE AND CURATIVE SERVICES, AND TO INCREASE POPULATION COVERAGE.

... CONTINUED



JAMAICA-4800, MEDICAL CARE AND HOSPITAL ADMINISTRATION . . . CONTINUED

FUND 1969 1970 1971 1972					FUND 1969 1970 1971 1972						
-----					-----						
TOTAL		-	4	6	6	TOTAL		-	14,000	17,600	17,600
CONSULTANT MONTHS	PR	-	-	6	-	SUBTOTAL	PR	-	-	17,600	
CONSULTANT MONTHS	WR	-	4	-	6	PERSONNEL-CONSULTANTS		-	-	10,800	-
TOTAL		-	3	3	3	FELLOWSHIPS		-	-	6,800	-
FELLOWSHIPS-ACADEMIC	PR	-	-	1	-	SUBTOTAL	WR	-	14,000	-	17,600
FELLOWSHIPS-ACADEMIC	WR	-	1	-	1	PERSONNEL-CONSULTANTS		-	7,200	-	10,800
FELLOWSHIPS-SHORT TERM	PR	-	-	2	-	FELLOWSHIPS		-	6,800	-	6,800
FELLOWSHIPS-SHORT TERM	WR	-	2	-	2						

JAMAICA-4801, CHRONIC DISEASES

CHRONIC DISEASES, INCLUDING HYPERTENSION, CRANIOVASCULAR ACCIDENTS, ARTERIOSCLEROTIC HEART DISEASE, AND DIABETES, CONSTITUTE MAJOR HEALTH PROBLEMS IN JAMAICA. DISEASES OF THE CIRCULATORY SYSTEM REPRESENT THE MAJOR CAUSE OF DEATH, AND THEY ALSO ACCOUNT FOR A MAJOR PORTION OF THE MORBIDITY IN CLINICS AND HOSPITALS. IT IS ESTIMATED, FOR EXAMPLE, THAT AS HIGH AS 40 PER CENT OF THE BEDS IN THE KINGSTON PUBLIC HOSPITAL ARE OCCUPIED BY DIABETICS, OFTEN ASSOCIATED WITH VASCULAR LESIONS. IT IS FELT THAT MANY HOSPITAL BEDS COULD BE MADE AVAILABLE AND CONSIDERABLE MONETARY SAVINGS EFFECTED IF THE PERIPHERAL CLINICS WERE MORE EFFECTIVE IN MANAGING SUCH PROBLEMS.

ASSISTANCE WILL BE PROVIDED FOR IMPROVEMENT OF THE FUNCTIONING OF PERIPHERAL CLINICS THROUGH A PROGRAM OF IN-SERVICE TRAINING; STIMULATION THROUGH THE USE OF PERIPHERAL CLINICS AS TEACHING RESOURCES FOR MEDICAL AND NURSING STUDENTS; AND THE CLOSER INTEGRATION OF CLINICS WITH MAJOR GENERAL HOSPITALS, IN PARTICULAR WITH THE TEACHING HOSPITAL AND THE DEPARTMENT OF PREVENTIVE MEDICINE OF THE UNIVERSITY OF THE WEST INDIES.

TOTAL		-	-	2	2	TOTAL	PR	-	-	6,600	4,600
CONSULTANT MONTHS	PR	-	-	2	2	PERSONNEL-CONSULTANTS		-	-	3,600	3,600
						SUPPLIES AND EQUIPMENT		-	-	2,000	1,000

JAMAICA-6100, PUBLIC HEALTH TRAINING CENTER

THE WEST INDIES SCHOOL OF PUBLIC HEALTH IS GIVING COURSES FOR PUBLIC HEALTH INSPECTORS AND FOR NURSES SPECIALIZING IN PUBLIC HEALTH. SHORT COURSES ARE ALSO GIVEN IN SUCH SUBJECTS AS MEAT INSPECTION. THE FUNCTIONING OF THE SCHOOL IS HAMPED BY SHORTAGE OF TEACHING STAFF, LACK OF SPACE, AND INSUFFICIENT TEACHING EQUIPMENT.

THE OBJECTIVES OF THE PROJECT ARE TO OVERHAUL AND ADAPT THE CURRICULA TO LOCAL NEEDS; TO EXTEND TRAINING ACTIVITIES, INCLUDING COURSES FOR WORKERS IN OTHER PARAMEDICAL FIELDS; AND TO IMPROVE PHYSICAL FACILITIES AND EQUIPMENT.

TOTAL		-	-	6	6	TOTAL	PR	-	7,600	13,600	13,600
CONSULTANT MONTHS	PR	-	-	6	6	PERSONNEL-CONSULTANTS		-	-	10,800	10,800
TOTAL		-	2	2	2	SUPPLIES AND EQUIPMENT		-	4,800	-	-
FELLOWSHIPS-SHORT TERM	PR	-	2	2	2	FELLOWSHIPS		-	2,800	2,800	2,800
						EST. GOVERNMENT CONTRIB.				( 300,000)	( 300,000)
										( 300,000)	( 300,000)

JAMAICA-6201, DEPARTMENT OF PREVENTIVE MEDICINE (UWI)

THE UNIVERSITY OF THE WEST INDIES SERVES A LARGE PROPORTION OF THE ENGLISH-SPEAKING CARIBBEAN AREA. THE HEALTH CONDITIONS AND THE PROBLEMS IN THE AREA STRESS THE NEED TO EMPHASIZE THE TEACHING OF SOCIAL AND PREVENTIVE MEDICINE.

THE OBJECTIVE OF THE PROJECT IS TO DEVELOP A LONG-RANGE PLAN OF STRENGTHENING AND EXPANDING THE FUNCTIONS AND RESPONSIBILITIES OF THE DEPARTMENT OF SOCIAL AND PREVENTIVE MEDICINE. TEACHING OF MEDICAL AND HEALTH STATISTICS HAS BEEN TAKEN AS THE FIRST TARGET FOR THIS PLAN. COLLABORATION IN RESEARCH ACTIVITIES OF OTHER DEPARTMENTS IN THE MEDICAL FACULTY IS ALSO IMPORTANT. TO FACILITATE SETTLEMENT OF JUNIOR PHYSICIANS IN THE COUNTRIES AND TERRITORIES WHERE THERE IS A LACK OF DOCTORS, A LONG-RANGE PLAN IS BEING DRAWN UP. SHORT ORIENTATION COURSES, INCLUDING PREVENTIVE MEDICINE AND EPIDEMIOLOGY, WILL FORM A PART OF THIS PROGRAM.

PERIODIC REVIEWS OF OVERALL CURRICULA OF THE DEPARTMENT ARE BEING MADE IN THE LIGHT OF MODERN CONCEPTS OF PUBLIC HEALTH. AFTER ESTABLISHING A HEALTH STATISTICS UNIT IN THE DEPARTMENT, STARTING WITH TRAINING OF FACULTY STAFF, THE TEACHING OF EPIDEMIOLOGY WILL BE STRENGTHENED. RESEARCH AND TRAINING PROGRAMS ON HEALTH AND POPULATION DYNAMICS ARE ALSO IN PROGRESS.

TOTAL		3	6	6	6	TOTAL	WR	11,330	15,800	15,800	15,800
CONSULTANT MONTHS	WR	3	6	6	6	PERSONNEL-CONSULTANTS		6,330	10,800	10,800	10,800
						GRANTS		5,000	5,000	5,000	5,000
						EST. GOVERNMENT CONTRIB.			( 50,000)	( 50,000)	( 50,000)

JAMAICA-6301, ADVANCED NURSING EDUCATION (UWI)

THERE IS AN URGENT NEED FOR THE DEVELOPMENT OF MORE PROFESSIONAL NURSING LEADERSHIP IN THE CARIBBEAN AREA, NOT ONLY IN THE FIELD OF EDUCATION BUT ALSO IN THAT OF NURSING SERVICES. THE LONG RANGE OBJECTIVE OF THE PROJECT IS TO PREPARE NURSING LEADERS IN EDUCATION, RESEARCH, AND ADMINISTRATION THROUGH THE POST-BASIC, BACCALAUREATE DEGREE AND CONTINUING EDUCATION PROGRAMS. THE IMMEDIATE OBJECTIVE IS THE PREPARATION OF NURSING LEADERS THROUGH THE CERTIFICATE PROGRAM IN NURSING ADMINISTRATION AND NURSING EDUCATION AT THE UNIVERSITY OF THE WEST INDIES AND STRENGTHENING THE ADVANCED NURSING EDUCATION UNIT.

FUND 1969 1970 1971 1972					FUND 1969 1970 1971 1972						
TOTAL		1	1	1	2	TOTAL		24,710	28,507	38,126	51,023
P-3 NURSE EDUCATOR 4.0972 4.3416	WR	1	1	1	2	PERSONNEL-POSTS		16,390	16,507	18,126	30,023
						PERSONNEL-CONSULTANTS		2,977	5,400	10,800	10,800
						DUTY TRAVEL		537	1,000	1,000	2,000
TOTAL		2	3	6	6	SUPPLIES AND EQUIPMENT		994	-	-	-
						FELLOWSHIPS		3,812	5,600	8,200	8,200
CONSULTANT MONTHS	WR	2	3	6	6	EST. GOVERNMENT CONTRIB.			50,000	50,000	50,000
TOTAL		7	4	4	4						
FELLOWSHIPS-ACADEMIC	WR	-	-	1	1						
FELLOWSHIPS-SHORT TERM	WR	7	4	3	3						

JAMAICA-6600, DENTAL EDUCATION

FOR MANY YEARS JAMAICA HAS BEEN KNOWN TO HAVE INSUFFICIENT DENTAL MANPOWER, ESPECIALLY IN RURAL AREAS. THERE IS NO DENTAL SCHOOL IN THE COUNTRY. THERE IS AN INCREASING CONCERN FOR THE IMPROVEMENT OF DENTAL HEALTH, AND IT HAS BEEN DECIDED THAT DENTAL AUXILIARIES BE UTILIZED FOR THIS PURPOSE.

THE OBJECTIVE OF THIS PROJECT IS TO DEVELOP AN EDUCATIONAL PROGRAM FOR DENTAL AUXILIARIES WHO WILL PROVIDE ROUTINE DENTAL CARE FOR CHILDREN WITHIN A GOVERNMENT SERVICE PROGRAM. THE CONSTRUCTION OF THE BUILDING FOR THE SCHOOL HAS BEEN INITIATED, AND THE CURRICULUM HAS BEEN DESIGNED. EDUCATION OF THE AUXILIARIES IS SCHEDULED TO BEGIN IN 1970.

TOTAL					TOTAL						
TOTAL		-	-	1	1	TOTAL		-	9,600	4,600	1,800
CONSULTANT MONTHS	WR	-	-	1	1	PERSONNEL-CONSULTANTS		-	-	1,800	1,800
						FELLOWSHIPS		-	9,600	2,800	-
TOTAL		-	5	2	-	EST. GOVERNMENT CONTRIB.			50,000	100,000	100,000
FELLOWSHIPS-ACADEMIC	WR	-	1	-	-						
FELLOWSHIPS-SHORT TERM	WR	-	4	2	-						

JAMAICA  
PORTIONS OF INTERCOUNTRY PROJECTS

					1969	1970	1971	1972
					\$	\$	\$	\$
TOTAL AMRO PROJECTS					187,647	248,924	253,323	249,992
0101 EPIDEMIOLOGY -- ZONE I					-	2,563	2,969	3,436
0111 EPIDEMIOLOGICAL SURVEILLANCE PROGRAM					-	-	-	1,401
0200 MALARIA TECHNICAL ADVISORY SERVICES					2,588	2,250	2,388	2,575
0201 MALARIA ERADICATION - ZONE I					-	1,363	1,478	1,893
0408 SEMINAR ON TUBERCULOSIS CONTROL					-	-	1,006	-
0500 LEPROSY CONTROL					162	234	263	302
0600 VENEREAL DISEASE CONTROL					49	204	72	216
0700 PAN AMERICAN ZONOSIS CENTER					3,861	4,242	4,235	4,677
1008 CHAGAS' DISEASE					223	214	252	540
2100 ENVIRONMENTAL SANITATION					133	351	351	599
2101 SANITARY ENGINEERING -- ZONE I					5,679	5,654	5,885	6,119
2112 AIR POLLUTION CONFERENCE					81	-	-	-
2114 PAN AMERICAN SANITARY ENGINEERING CENTER					4,781	8,230	10,425	11,144
2116 CONFERENCE ON INTEGRATION OF ENVIRONMENTAL PROGRAMS					-	-	-	544
2200 WATER SUPPLIES					4,562	2,095	3,286	3,489
2214 SEMINAR ON WATER POLLUTION CONTROL					-	832	-	-
2215 APPLIED RESEARCH ON WATER SUPPLIES					347	-	150	300
2220 PUBLIC SERVICES ADMINISTRATION					-	1,980	2,118	2,268
2224 CONFERENCE ON RECENT ADVANCES IN WATER TREATMENT					-	-	-	859
2300 AEDES AEGYPTI ERADICATION					5,540	7,127	6,528	7,543
2301 AEDES AEGYPTI ERADICATION -- CARIBBEAN					10,316	15,225	15,870	15,870
2400 PUBLIC HEALTH ASPECTS OF HOUSING AND URBANIZATION					-	210	218	227
3110 COORDINATION OF INTERNATIONAL RESEARCH					2,018	1,245	1,362	1,971
3124 APPLICATION OF DATA PROCESSING TO HEALTH ADMINISTRATION					403	-	-	-



## JAMAICA - PORTIONS OF INTERCOUNTRY PROJECTS . . . CONTINUED

3130	CONFERENCE ON MYCOLOGY	-	1,127	-	-
3131	CARIBBEAN HEALTH MINISTERS' CONFERENCE	-	3,334	3,334	3,334
3200	NURSING SERVICES	243	861	918	1,202
3201	NURSING -- ZONE I	4,139	4,427	4,580	4,739
3210	HOSPITAL NURSING SERVICES	24	929	1,137	1,202
3211	SEMINAR ON PLANNING FOR NURSING	-	-	-	1,500
3300	LABORATORY SERVICES	425	496	515	515
3310	CONFERENCE ON VIRAL AND RICKETTSIAL VACCINES	-	1,405	-	-
3311	TRAINING LABORATORY PERSONNEL	-	798	623	686
3400	HEALTH EDUCATION	57	248	372	372
3408	CONFERENCE ON POSTGRADUATE TRAINING IN HEALTH EDUCATION	1,670	-	-	-
3500	HEALTH STATISTICS	14	-	349	306
3501	HEALTH STATISTICS -- ZONE I	4,477	6,848	8,426	8,857
3513	INTER-AMER. INVS. OF MORTALITY, IN CHILDHOOD	25,399	23,710	9,764	2,514
3515	CENTER FOR TRAINING IN USE OF COMPUTERS IN HEALTH STATISTICS	-	-	360	360
3516	REGIONAL SEMINAR ON DATA PROCESSING	-	618	-	-
3600	ADMINISTRATIVE METHODS AND PRACTICES IN PUBLIC HEALTH	1,636	1,577	1,613	2,273
3601	ADMINISTRATIVE METHODS AND PRACTICES - ZONE I	6,933	6,215	6,922	7,183
3607	MANAGEMENT OF HEALTH SERVICES	-	-	5,243	5,243
3700	HEALTH PLANNING	2,096	4,191	3,902	4,071
3701	HEALTH PLANNING AND ORGANIZATION - ZONE I	3,313	3,729	4,102	4,248
3715	PAN AMERICAN PROGRAM FOR HEALTH PLANNING	3,347	10,127	8,061	7,593
4100	MATERNAL AND CHILD HEALTH	63	399	436	1,444
4115	NURSING-MIDWIFERY EDUCATION	609	-	-	-
4200	NUTRITION ADVISORY SERVICES	255	388	590	601
4201	NUTRITION ADVISORY SERVICES - ZONE I	3,194	2,942	3,385	4,232
4203	INSTITUTE OF NUTRITION OF CENTRAL AMERICA AND PANAMA	8,700	7,110	6,977	7,354
4207	CARIBBEAN FOOD AND NUTRITION INSTITUTE	40,612	60,528	52,854	49,915
4211	RESEARCH IN PROTEIN-CALORIE MALNUTRITION	-	-	269	269
4221	SEMINAR ON NUTRITION IN FOOD AND HEALTH POLICIES	143	-	199	199
4230	NUTRITION TRAINING	260	469	487	613
4300	MENTAL HEALTH	250	270	900	450
4311	STUDY GROUP ON ADM. OF PSYCHIATRIC & MENTAL HEALTH SERVICES	745	-	-	-
4400	DENTAL HEALTH	628	549	549	925
4411	HUMAN AND MATERIAL RESOURCES IN DENTISTRY	1,759	1,059	1,122	1,185
4412	SEMINAR ON IMPLEMENTATION OF DENTAL HEALTH PROGRAMS	-	-	-	909
4500	HEALTH ASPECTS OF RADIATION	-	-	-	869
4507	RADIATION HEALTH PROTECTION	1,381	1,301	1,331	1,361
4509	RADIATION SURVEILLANCE	15	200	200	200
4511	STUDY GROUP ON RADIATION PROTECTION	2,188	-	-	-
4700	FOOD AND DRUG CONTROL	841	894	928	961
4800	MEDICAL CARE SERVICES	1,538	835	1,162	1,182
4801	MEDICAL CARE SERVICES (ZONE I)	-	-	1,630	3,391
4810	CHRONIC DISEASES	1,006	1,239	1,293	1,346
4813	HOSPITAL PLANNING AND ADMINISTRATION	152	1,899	2,372	2,412
4815	TRAINING FOR MEDICAL CARE AND HOSPITAL ADMINISTRATION	161	201	1,097	1,281
4819	SEMINAR ON CANCER REGISTRATION	637	-	-	-
4900	HEALTH AND POPULATION DYNAMICS	8,767	19,595	18,048	13,820
4901	HEALTH AND POPULATION DYNAMICS -- ZONE I	2,732	2,918	2,831	3,056
5000	REHABILITATION	740	1,673	2,402	2,368
6000	MEDICAL EDUCATION - TEXTBOOKS AND TEACHING	634	298	298	358
6101	HEALTH MANPOWER STUDIES (ZONE I)	1,767	12,285	17,909	11,159
6200	MEDICAL EDUCATION	1,691	1,570	1,466	1,511
6216	PREVENTIVE MEDICINE EDUCATION	2,874	2,126	1,717	1,789
6223	TEACHING OF BEHAVIORAL SCIENCES	341	528	7,528	7,528
6225	SURVEY OF FELLOWSHIP PROGRAMS	-	-	259	-
6226	COMMUNITY-CENTERED RESEARCH IN MEDICAL EDUCATION	-	-	-	1,037
6301	NURSING EDUCATION -- ZONE I	2,450	1,852	1,929	2,006
6312	SEMINARS ON NURSING EDUCATION (ZONE I)	891	-	800	723
6400	SANITARY ENGINEERING EDUCATION	642	555	561	583
6707	LATIN AMERICAN CENTER FOR THE CLASSIFICATION OF DISEASES	219	253	297	303
6708	TRAINING PROGRAM IN HOSPITAL STATISTICS	246	384	420	441

## JAMAICA

## SUMMARY OF INVESTMENTS BY SOURCE OF FUNDS

SOURCE OF FUNDS	*-----COUNTRY PROJECTS-----*				*-----PORTIONS OF INTER-COUNTRY PROJECTS-----*			
	1969	1970	1971	1972	1969	1970	1971	1972
TOTAL FUNDS	161,936	252,273	278,071	307,545	187,647	248,924	253,323	249,992
PR PAHO REGULAR	39,497	43,860	86,673	84,444	77,724	99,367	107,130	123,488
PM PAHO SPECIAL MALARIA	-	-	-	-	1,038	-	-	-
PW PAHO COMMUNITY WATER SUPPLY	729	-	-	-	-	-	-	-
PG PAHO GRANTS & OTHER CONTRIB.	-	-	-	-	69,945	91,981	68,349	44,145
WR WHO REGULAR	96,422	145,613	135,998	167,701	25,508	33,041	42,594	47,515
WT WHO TECHNICAL ASSISTANCE	25,288	62,800	55,400	55,400	10,263	15,225	27,996	27,996
WS UNITED NATIONS SPECIAL FUND	-	-	-	-	3,058	9,195	7,129	6,711
WD WHO GRANTS & OTHER FUNDS	-	-	-	-	111	115	125	137

SOURCE OF FUNDS	*-----TOTAL ALL PROJECTS-----*			
	1969	1970	1971	1972
TOTAL FUNDS	349,583	501,197	531,394	557,537
PR PAHO REGULAR	117,221	143,227	153,803	207,932
PM PAHO SPECIAL MALARIA	1,038	-	-	-
PW PAHO COMMUNITY WATER SUPPLY	729	-	-	-
PG PAHO GRANTS & OTHER CONTRIB.	69,945	91,981	68,349	44,145
WR WHO REGULAR	121,930	178,654	178,592	215,216
WT WHO TECHNICAL ASSISTANCE	35,551	78,025	83,396	83,396
WS UNITED NATIONS SPECIAL FUND	3,058	9,195	7,129	6,711
WD WHO GRANTS & OTHER FUNDS	111	115	125	137

## NETHERLANDS ANTILLES

## PROGRAM BUDGET

1 9 6 9		1 9 7 0			1 9 7 1		1 9 7 2	
AMOUNT	PERCENT	AMOUNT	PERCENT		AMOUNT	PERCENT	AMOUNT	PERCENT
\$		\$			\$		\$	
7,007	20.5	15,437	34.2	I. PROTECTION OF HEALTH	33,443	47.2	34,940	44.6
328	1.0	827	1.9	A. COMMUNICABLE DISEASES	877	1.3	1,328	1.7
-	-	394	.9	0100 GENERAL	457	.6	529	.7
81	.2	117	.3	0500 LEPROSY	132	.2	151	.2
24	.1	102	.2	0600 VENEREAL DISEASES	36	.1	108	.1
223	.7	214	.5	1000 PARASITIC DISEASES	252	.4	540	.7
6,679	19.5	14,610	32.3	B. ENVIRONMENTAL HEALTH	32,566	45.9	33,612	42.9
478	1.4	571	1.3	2100 GENERAL	593	.8	617	.8
334	1.0	237	.5	2200 WATER SUPPLIES	247	.3	258	.3
5,867	17.1	13,802	30.5	2300 Aedes Aegypti ERADICATION	31,726	44.8	32,737	41.8
26,833	78.2	29,151	64.4	II. PROMOTION OF HEALTH	36,787	51.9	42,668	54.5
10,823	31.6	13,474	29.7	A. GENERAL SERVICES	17,027	23.9	21,419	27.5
7,362	21.5	6,571	14.5	3100 GENERAL PUBLIC HEALTH	5,561	7.8	7,570	9.7
274	.8	1,195	2.6	3200 NURSING	1,409	2.0	2,982	3.8
-	-	2,203	4.9	3300 LABORATORY	623	.9	686	.9
57	.2	248	.5	3400 HEALTH EDUCATION	372	.5	372	.5
455	1.3	749	1.7	3500 STATISTICS	1,168	1.6	1,216	1.6
2,675	7.8	2,508	5.5	3600 ADMINISTRATIVE METHODS	7,894	11.1	8,593	11.0
16,010	46.6	15,677	34.7	B. SPECIFIC PROGRAMS	19,760	28.0	21,249	27.0
98	.3	104	.2	4100 MATERNAL AND CHILD HEALTH	108	.2	113	.1
9,407	27.4	7,995	17.7	4200 NUTRITION	7,941	11.2	8,567	10.9
1,381	4.0	1,301	2.9	4500 RADIATION AND ISOTOPIES	1,331	1.9	2,205	2.8
168	.5	178	.4	4700 FOOD AND DRUG	185	.3	191	.2
2,731	8.0	1,562	3.5	4800 MEDICAL CARE	5,134	7.2	5,643	7.2
1,485	4.3	2,864	6.3	4900 HEALTH AND POPULATION DYNAMICS	2,659	3.8	2,162	2.8
740	2.1	1,673	3.7	5000 REHABILITATION	2,402	3.4	2,368	3.0
447	1.3	621	1.4	III. DEVELOPMENT OF EDUCATIONAL INSTITUTIONS	652	.9	682	.9
447	1.3	621	1.4	6700 BIOSTATISTICS	652	.9	682	.9
34,287	100.0	45,209	100.0	GRAND TOTAL	70,882	100.0	78,290	100.0
=====	=====	=====	=====	=====	=====	=====	=====	=====

\* LESS THAN .05 PERCENT

## NETHERLANDS ANTILLES

## SUMMARY OF INVESTMENT

SOURCE OF FUNDS	TOTAL AMOUNT	*-----PERSONNEL-----*			*--DUTY--*	*---FELLOWSHIPS---*			*---SEMINARS---*	*SUPPLIES* AND EQUIPMENT	*-GRANTS-* AND OTHER	
		POSTS PROF.	STC LOCAL	MONTH	AMOUNT	ACAD.	SHORT	AMOUNT	PART.	AMOUNT	AMOUNT	
	\$			\$	\$			\$	\$	\$	\$	
1969												
PAHO---PR	18,393	-	-	2	13,233	-	-	468	-	1,633	500	1,390
PG	7,469	-	-	-	3,650	-	-	393	-	420	800	1,926
WHO---WR	7,057	-	-	-	1,162	1	4	5,596	-	194	-	-
WT	1,368	-	-	-	1,231	-	-	-	-	-	3	-
TOTAL	34,287	-	-	2	19,276	1	4	6,457	-	2,247	1,303	3,316
PER CENT OF TOTAL	100.0				56.2			18.8		6.6	3.8	9.7
1970												
PAHO---PR	28,463	1	-	-	23,597	-	-	376	-	171	605	1,751
PG	8,284	-	-	-	3,382	-	-	776	-	2,327	388	1,141
WHO---WR	6,432	-	-	-	1,834	-	3	4,200	-	265	10	-
WT	2,030	-	-	-	1,896	-	-	-	-	-	14	-
TOTAL	45,209	1	-	-	30,709	-	3	5,352	-	2,703	1,017	2,892
PER CENT OF TOTAL	100.0				67.9			11.9		6.0	2.2	6.4
1971												
PAHO---PR	49,380	1	-	-	30,071	-	-	131	-	105	15,760	1,505
PG	5,552	-	-	-	3,241	-	-	776	-	-	350	926
WHO---WR	8,677	-	-	-	4,219	-	3	4,200	-	-	10	-
WT	7,273	-	-	-	5,214	-	-	1,715	-	-	14	-
TOTAL	70,882	1	-	-	42,745	-	3	6,822	-	105	16,134	2,431
PER CENT OF TOTAL	100.0				60.3			9.6		.2	22.8	3.4
1972												
PAHO---PR	52,976	1	-	-	33,009	-	-	126	-	413	15,866	1,750
PG	4,798	-	-	-	3,266	-	-	346	-	-	257	675
WHO---WR	13,243	-	-	-	4,920	-	4	6,163	-	1,500	282	90
WT	7,273	-	-	-	5,214	-	-	1,715	-	-	14	-
TOTAL	78,290	1	-	-	46,409	-	4	8,350	-	1,913	16,419	2,515
PER CENT OF TOTAL	100.0				59.3			10.7		2.4	21.0	3.2

PAHO PR-REGULAR BUDGET  
 PM-SPECIAL FUND FOR MALARIA ERADICATION  
 PW-COMMUNITY WATER SUPPLY  
 PG-GRANTS AND OTHER CONTRIBUTIONS  
 PI-INCAP AND OTHER RELATED GRANTS

WHO WR-REGULAR BUDGET  
 WA-MALARIA ERADICATION SPECIAL ACCOUNT  
 WT-UNITED NATIONS TECHNICAL ASSISTANCE  
 WS-UNITED NATIONS SPECIAL FUND  
 WD-GRANTS AND OTHER FUNDS

DETAILNETHERLANDS ANTILLES-2300, Aedes Aegypti ERADICATION

THE SIX ISLANDS OF THE NETHERLANDS ANTILLES (CURACAO, ARUBA, BONAIRE, ST. MAARTEN, ST. EUSTATIUS AND SABA) ARE INFESTED WITH Aedes Aegypti, VECTOR OF YELLOW FEVER, DENGUE FEVER, AND DENGUE HEMORRHAGIC FEVER. DENGUE HAS BEEN ENDEMIC WITH OCCASIONAL OUTBREAKS, THE LAST ONE OF SIGNIFICANCE, WHICH DISRUPTED THE HEALTH IN THE COUNTRY WITH CONSEQUENT ECONOMIC LOSS, IN 1963-1964.

THE GOVERNMENT, WITH THE ASSISTANCE OF THE ORGANIZATION, IS PREPARING TO CARRY OUT A FULL-SCALE CAMPAIGN TO ERADICATE Aedes Aegypti FROM THE ISLANDS AND TO ESTABLISH AN EFFICIENT ANTI-AEGYPTI VIGILANCE SERVICE.

AT THE PRESENT, THE CAMPAIGN IS IN PREPARATORY PHASE. THE ATTACK PHASE IS STARTING IN THE MIDDLE OF 1970.

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
								\$	\$	\$	\$
TOTAL		-	1	1	1	TOTAL	PR	4,492	11,772	79,610	30,621
P-2 SANITARIAN .3531	PR	-	1	1	1	PERSONNEL-POSTS		-	11,272	14,610	15,621
TOTAL		2	-	-	-	PERSONNEL-CONSULTANTS		4,492	-	-	-
						DUTY TRAVEL		-	500	-	-
						SUPPLIES AND EQUIPMENT		-	-	15,000	15,000
CONSULTANT MONTHS	PR	2	-	-	-						

NETHERLANDS ANTILLES-3101, FELLOWSHIPS

FELLOWSHIPS ARE PROVIDED IN ORDER TO COLLABORATE WITH THE GOVERNMENT IN TRAINING STAFF FOR THE IMPROVEMENT AND EXPANSION OF HEALTH SERVICES.

		5	3	3	4		WR	5,344	4,200	4,200	5,600
TOTAL						TOTAL					
FELLOWSHIPS-ACADEMIC	WR	1	-	-	-	FELLOWSHIPS		5,344	4,200	4,200	5,600
FELLOWSHIPS-SHORT TERM	WR	4	3	3	4						

NETHERLANDS ANTILLES  
PORTIONS OF INTERCOUNTRY PROJECTS

	1969	1970	1971	1972
	\$	\$	\$	\$
<b>TOTAL AMRO PROJECTS</b>	<b>24,451</b>	<b>29,237</b>	<b>37,072</b>	<b>42,069</b>
0101 EPIDEMIOLOGY -- ZONE I	-	394	457	529
0500 LEPROSY CONTROL	81	117	132	151
0600 VENEREAL DISEASE CONTROL	24	102	36	108
1008 CHAGAS' DISEASE	223	214	252	540
2101 SANITARY ENGINEERING -- ZONE I	812	808	840	875
2301 AEDES AEGYPTI ERADICATION -- CARIBBEAN	1,375	2,030	2,116	2,116
3110 COORDINATION OF INTERNATIONAL RESEARCH	2,018	1,244	1,361	1,970
3130 CONFERENCE ON MYCOLOGY	-	1,127	-	-
3201 NURSING -- ZONE I	593	632	653	677
3210 HOSPITAL NURSING SERVICES	24	928	1,136	1,202
3211 SEMINAR ON PLANNING FOR NURSING	-	-	-	1,500
3310 CONFERENCE ON VIRAL AND RICKETTSIAL VACCINES	-	1,405	-	-
3311 TRAINING LABORATORY PERSONNEL	-	798	623	686
3400 HEALTH EDUCATION	57	248	372	372
3500 HEALTH STATISTICS	6	-	135	119
3501 HEALTH STATISTICS -- ZONE I	896	1,370	1,685	1,779
3600 ADMINISTRATIVE METHODS AND PRACTICES IN PUBLIC HEALTH	1,636	1,576	1,613	2,273
3601 ADMINISTRATIVE METHODS AND PRACTICES - ZONE I	1,039	932	1,038	1,077
3607 MANAGEMENT OF HEALTH SERVICES	-	-	5,243	5,243
4201 NUTRITION ADVISORY SERVICES - ZONE I	456	420	483	604
4203 INSTITUTE OF NUTRITION OF CENTRAL AMERICA AND PANAMA	8,693	7,106	6,971	7,350
4230 NUTRITION TRAINING	258	469	487	613
4500 HEALTH ASPECTS OF RADIATION	-	-	-	844
4507 RADIATION HEALTH PROTECTION	1,381	1,301	1,331	1,361
4700 FOOD AND DRUG CONTROL	168	178	185	191
4800 MEDICAL CARE SERVICES	1,537	835	1,161	1,182
4801 MEDICAL CARE SERVICES (ZONE I)	-	-	233	484
4813 HOSPITAL PLANNING AND ADMINISTRATION	152	268	2,371	2,412
4815 TRAINING FOR MEDICAL CARE AND HOSPITAL ADMINISTRATION	161	198	1,097	1,281
4819 SEMINAR ON CANCER REGISTRATION	636	-	-	-
4900 HEALTH AND POPULATION DYNAMICS	1,094	2,447	2,255	1,726
4901 HEALTH AND POPULATION DYNAMICS -- ZONE I	391	417	404	436
5000 REHABILITATION	740	1,673	2,402	2,368

NETHERLANDS ANTILLES  
SUMMARY OF INVESTMENTS BY SOURCE OF FUNDS

SOURCE OF FUNDS	*-----COUNTRY PROJECTS-----*				*-----PORTIONS OF INTER-COUNTRY PROJECTS-----*			
	1969	1970	1971	1972	1969	1970	1971	1972
<b>TOTAL FUNDS</b>	<b>9,836</b>	<b>15,972</b>	<b>33,810</b>	<b>36,221</b>	<b>24,451</b>	<b>29,237</b>	<b>37,072</b>	<b>42,069</b>
PR PAHO REGULAR	4,492	11,772	29,610	30,621	13,901	16,691	19,770	22,355
PG PAHO GRANTS & OTHER CONTRIB.	-	-	-	-	7,469	8,284	5,552	4,798
WR WHO REGULAR	5,344	4,200	4,200	5,600	1,713	2,232	4,477	7,643
WT WHO TECHNICAL ASSISTANCE	-	-	-	-	1,368	2,030	7,273	7,273

SOURCE OF FUNDS	*-----TOTAL ALL PROJECTS-----*			
	1969	1970	1971	1972
<b>TOTAL FUNDS</b>	<b>34,287</b>	<b>45,209</b>	<b>70,882</b>	<b>78,290</b>
PR PAHO REGULAR	18,393	28,463	49,380	52,976
PG PAHO GRANTS & OTHER CONTRIB.	7,469	8,284	5,552	4,798
WR WHO REGULAR	7,057	6,432	8,677	13,243
WT WHO TECHNICAL ASSISTANCE	1,368	2,030	7,273	7,273

## SURINAM

## PROGRAM BUDGET

1 9 6 9		1 9 7 0			1 9 7 1		1 9 7 2	
AMOUNT	PERCENT	AMOUNT	PERCENT		AMOUNT	PERCENT	AMOUNT	PERCENT
\$		\$			\$		\$	
188,973	73.1	479,255	82.2	I. PROTECTION OF HEALTH	264,259	68.7	236,185	62.3
112,463	43.5	56,363	9.7	A. COMMUNICABLE DISEASES	63,464	16.6	69,673	18.3
-	-	2,168	.4	0100 GENERAL	6,112	1.6	4,308	1.1
107,246	41.5	44,278	7.6	0200 MALARIA	48,075	12.5	54,946	14.5
-	-	1,400	.2	0400 TUBERCULOSIS	1,400	.4	1,400	.4
80	*	117	*	0500 LEPROSY	132	*	151	*
23	*	1,502	.3	0600 VENEREAL DISEASES	1,436	.4	1,508	.4
3,858	1.5	4,242	.7	0700 ZOOPOSES	4,231	1.1	4,677	1.2
1,256	.5	2,656	.5	1000 PARASITIC DISEASES	2,128	.6	2,683	.7
76,510	29.6	422,892	72.5	B. ENVIRONMENTAL HEALTH	200,795	52.1	166,512	44.0
6,287	2.4	13,155	2.3	2100 GENERAL	17,886	4.6	16,077	4.2
25,258	9.8	360,726	61.9	2200 WATER SUPPLIES	129,710	33.7	96,962	25.6
44,901	17.4	48,132	8.2	2300 AEDES AEGYPTI ERADICATION	52,292	13.6	52,538	13.9
64	*	879	.1	2400 HOUSING	907	.2	935	.3
62,144	24.1	90,790	15.6	II. PROMOTION OF HEALTH	101,085	26.3	118,500	31.3
35,989	13.9	61,825	10.6	A. GENERAL SERVICES	67,268	17.6	78,918	20.9
16,873	6.5	26,843	4.6	3100 GENERAL PUBLIC HEALTH	30,721	8.0	43,015	11.4
1,605	.6	2,982	.5	3200 NURSING	6,755	1.8	4,844	1.3
423	.2	2,697	.5	3300 LABORATORY	1,137	.3	1,200	.3
6,037	2.3	10,723	1.8	3400 HEALTH EDUCATION	6,872	1.8	6,872	1.8
1,763	.7	2,246	.4	3500 STATISTICS	3,449	.9	3,598	1.0
4,409	1.7	4,062	.7	3600 ADMINISTRATIVE METHODS	9,624	2.5	10,388	2.7
4,879	1.9	12,272	2.1	3700 HEALTH PLANNING	8,710	2.3	9,001	2.4
26,155	10.2	28,965	5.0	B. SPECIFIC PROGRAMS	33,817	8.7	39,582	10.4
1,303	.5	1,141	.2	4100 MATERNAL AND CHILD HEALTH	1,243	.3	2,333	.6
12,080	4.7	10,475	1.8	4200 NUTRITION	11,133	2.9	12,374	3.3
1,381	.5	1,301	.2	4500 RADIATION AND ISOTOPES	1,331	.3	2,205	.6
1,317	.5	1,637	.3	4600 OCCUPATIONAL HEALTH	1,907	.5	1,972	.5
741	.3	786	.1	4700 FOOD AND DRUG	816	.2	845	.2
4,063	1.6	4,556	.8	4800 MEDICAL CARE	8,049	2.1	11,413	3.0
4,531	1.8	7,399	1.3	4900 HEALTH AND POPULATION DYNAMICS	6,936	1.8	6,072	1.6
739	.3	1,670	.3	5000 REHABILITATION	2,402	.6	2,368	.6
7,347	2.8	12,725	2.2	III. DEVELOPMENT OF EDUCATIONAL INSTITUTIONS	19,468	5.0	24,555	6.4
4,901	1.9	9,172	1.6	6200 MEDICINE	15,569	4.0	20,464	5.4
642	.2	1,057	.2	6400 ENVIRONMENTAL SCIENCES	1,227	.3	1,300	.3
1,804	.7	2,496	.4	6700 BIOSTATISTICS	2,672	.7	2,791	.7
258,464	100.0	582,770	100.0	GRAND TOTAL	384,812	100.0	379,240	100.0

\* LESS THAN .05 PERCENT

## SURINAM

## SUMMARY OF INVESTMENT

SOURCE OF FUNDS	TOTAL AMOUNT	*-----PERSONNEL-----*			*--DUTY--*	*---FELLOWSHIPS---		*---SEMINARS---	*SUPPLIES* AND EQUIPMENT	*-GRANTS-* AND OTHER			
		POSTS PROF.	LOCAL	STC MONTH	AMOUNT	TRAVEL AMOUNT	ACAD.	SHORT	AMOUNT	PART.	AMOUNT		
	\$				\$	\$		\$	\$	\$	\$		
1969													
PAHO---PR	78,604	2	-	-	43,882	4,934	-	2	1,677	-	2,405	16,343	9,363
PM	102,575	4	-	-	54,339	7,728	-	-	-	-	-	40,418	90
PG	14,036	-	-	-	8,283	360	-	-	578	-	691	1,119	3,005
WHO---WR	12,368	-	-	-	8,896	1,432	-	-	252	-	194	653	941
WT	31,014	1	-	-	25,296	3,082	-	-	-	-	-	2,636	-
WS	19,756	4	-	3	19,683	73	-	-	-	-	-	-	-
WO	111	-	-	-	111	-	-	-	-	-	-	-	-
TOTAL	258,464	11	-	3	160,490	17,609	-	2	2,507	-	3,290	61,169	13,399
PER CENT OF TOTAL	100.0				62.1	6.8		1.0			1.3	23.6	5.2
1970													
PAHO---PR	116,344	1	-	8	89,296	7,820	-	5	8,174	-	171	6,271	4,612
PM	32,128	1	-	-	15,628	1,500	-	-	-	-	-	15,000	-
PG	13,576	-	-	-	7,004	370	-	-	1,376	-	2,327	781	1,718
WHO---WR	17,036	-	-	-	13,894	1,428	-	-	588	-	205	314	607
WT	47,070	1	-	-	40,449	3,030	-	-	-	-	-	3,591	-
WS	356,501	4	-	12	95,674	5,927	1	1	4,800	-	-	245,100	5,000
WO	115	-	-	-	115	-	-	-	-	-	-	-	-
TOTAL	582,770	7	-	20	262,060	20,075	1	6	14,938	-	2,703	271,057	11,937
PER CENT OF TOTAL	100.0				45.0	3.4		2.6			.5	46.5	2.0
1971													
PAHO---PR	130,607	1	-	7	96,330	8,756	1	5	11,929	-	304	8,824	4,464
PM	32,771	1	-	-	16,271	1,500	-	-	-	-	-	15,000	-
PG	10,072	-	-	-	6,234	359	-	-	1,376	-	-	564	1,539
WHO---WR	24,571	-	-	-	19,865	1,944	-	-	147	-	-	2,028	587
WT	59,466	1	-	-	46,671	3,360	-	-	5,939	-	-	3,496	-
WS	127,200	4	-	10	100,300	6,000	1	1	9,600	-	-	5,000	6,300
WO	125	-	-	-	125	-	-	-	-	-	-	-	-
TOTAL	384,812	7	-	17	285,796	21,919	2	6	28,991	-	304	34,912	12,890
PER CENT OF TOTAL	100.0				74.3	5.7		7.5			.1	9.1	3.3
1972													
PAHO---PR	159,097	1	-	10	112,334	9,110	2	6	19,505	-	2,474	10,615	5,059
PM	33,414	1	-	-	16,914	1,500	-	-	-	-	-	15,000	-
PG	9,046	-	-	-	6,428	354	-	-	516	-	-	431	1,317
WHO---WR	29,237	-	-	-	23,461	2,184	-	-	710	-	1,500	678	704
WT	59,466	1	-	-	46,671	3,360	-	-	5,939	-	-	3,496	-
WS	88,843	4	-	-	57,843	6,000	-	1	2,200	-	-	17,000	5,800
WO	137	-	-	-	137	-	-	-	-	-	-	-	-
TOTAL	379,240	7	-	10	263,788	22,508	2	7	28,870	-	3,974	47,220	12,880
PER CENT OF TOTAL	100.0				69.6	5.9		7.6			1.0	12.5	3.4

PAHO PR-REGULAR BUDGET  
 PM-SPECIAL FUND FOR MALARIA ERADICATION  
 PW-COMMUNITY WATER SUPPLY  
 PG-GRANTS AND OTHER CONTRIBUTIONS  
 PI-INCAP AND OTHER RELATED GRANTS

WHO WR-REGULAR BUDGET  
 WA-MALARIA ERADICATION SPECIAL ACCOUNT  
 WT-UNITED NATIONS TECHNICAL ASSISTANCE  
 WS-UNITED NATIONS SPECIAL FUND  
 WO-GRANTS AND OTHER FUNDS



## DETAIL

## SURINAM-0200, MALARIA ERADICATION

THE MALARIA ERADICATION PROGRAM IN SURINAM BEGAN IN 1958. THE ENTIRE COUNTRY (163,820 SQUARE KILOMETERS) WAS ORIGINALLY CONSIDERED MALARIOUS, WITH THE EXCEPTION OF THE URBAN ZONE OF THE CAPITAL CITY, PARAMARIBO. PRESENTLY, 30 PER CENT OF THE MALARIOUS AREA WITH A POPULATION OF 199,000 IS IN THE CONSOLIDATION PHASE, WHILE 70 PER CENT OF THE COUNTRY WITH A POPULATION OF 36,000 IS IN THE ATTACK PHASE.

THE ATTACK MEASURES USED HAVE BEEN BASICALLY SPRAYING WITH INSECTICIDES (DDT), SUPPLEMENTED IN SOME AREAS WITH THE DISTRIBUTION OF CHLOROQUINIZED SALT. DISPERSION OF THE POPULATION IN THE INTERIOR AND THE CUSTOMS OF THE PEOPLE HAVE MADE ADEQUATE COVERAGE DIFFICULT IN THE AREAS WHICH ARE STILL IN THE ATTACK PHASE. THE COMBINATION OF METHODS, HOWEVER, AND THE COLLABORATION WHICH OFFICIAL AGENCIES AND INDIVIDUALS HAVE GIVEN TO THE CAMPAIGN HAVE PRODUCED PROMISING RESULTS. WITH A SAMPLING WHICH HAS VARIED BETWEEN 25,479 BLOOD SLIDES EXAMINED IN 1967 TO 38,194 IN 1969, THE NUMBER OF REPORTED CASES HAS CONSISTENTLY DECREASED FROM 1,786 IN 1967 TO 741 IN 1969.

UNICEF PARTICIPATES IN THIS PROGRAM.

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
								\$	\$	\$	\$
TOTAL		4	1	1	1	TOTAL	PM	92,157	32,128	32,771	33,414
P-4 MEDICAL OFFICER .0582	PM	1	-	-	-	PERSONNEL-POSTS		44,864	15,628	16,271	16,914
P-2 SANITARIAN .0584 .1048 .1049	PM	3	1	1	1	DUTY TRAVEL		7,000	1,500	1,500	1,500
						SUPPLIES AND EQUIPMENT		40,293	15,000	15,000	15,000
						EST. GOVERNMENT CONTRIB.			( 300,000)	( 300,000)	( 300,000)

## SURINAM-2100, ENVIRONMENTAL SANITATION

THE OBJECTIVES OF THIS PROJECT ARE TO ASSIST IN PREPARING AND CARRYING OUT PLANS FOR THE IMPROVEMENT OF THE ENVIRONMENTAL SANITATION CONDITIONS IN THE COUNTRY. THE ACTIVITIES OF THE PROJECT WILL CONSIST OF THE FOLLOWING: 1) PREPARATION OF A MASTER PLAN OF A NATIONAL WATER SUPPLY AND SEWERAGE PROGRAM, INCLUDING THE STUDY OF THE POSSIBLE WATER SOURCES, FOLLOWED BY DEVELOPMENT OF WATER TREATMENT, TRANSMISSION, DISTRIBUTION, AND STORAGE; IMPROVEMENT OF EXISTING SYSTEMS AND STUDY AND PROVISION OF ADEQUATE SEWERAGE FACILITIES AND SERVICES TO URBAN COMMUNITIES AND RURAL AREAS; 2) PLANNING AND EXECUTION OF A GENERAL ENVIRONMENTAL SANITATION PROGRAM, INCLUDING THE ORGANIZATION OF A SANITARY ENGINEERING DEPARTMENT AT THE MINISTRY OF HEALTH AND ACTIVITIES SUCH AS SOLID WASTE DISPOSAL, FOOD SANITATION, INDUSTRIAL HYGIENE AND AIR POLLUTION, HOUSING AND URBANIZATION, AND CONTROL OF VECTORS; AND 3) ORGANIZATION OF EDUCATION, TRAINING, AND RESEARCH ACTIVITIES. TRAINING WILL INCLUDE BOTH PROFESSIONAL AND AUXILIARY PERSONNEL. THE PROGRAM ENVISAGES THE DEVELOPMENT OR EXTENSION OF 45 WATER SUPPLY SYSTEMS, MOST OF WHICH ARE LOCATED ALONG THE ATLANTIC COAST IN THE NORTH AND ON THE BORDER WITH FRENCH GUYANA IN THE EAST, AND PUBLIC SEWERAGE SERVICE TO NINE COMMUNITIES.

TOTAL		-	2	2	3	TOTAL	PR	-	3,600	3,600	5,400
CONSULTANT MONTHS	PR	-	2	2	3	PERSONNEL-CONSULTANTS		-	3,600	3,600	5,400

## SURINAM-2200, WATER SUPPLIES

THE PURPOSE OF THE PROJECT IS TO ASSIST THE GOVERNMENT IN CARRYING OUT THE INVESTIGATION, PLANNING, AND DESIGN OF PIPED WATER SUPPLY AND SEWERAGE SYSTEMS FOR COMMUNITIES IN THE LOWER SURINAM RIVER BASIN (EXCLUDING PARAMARIBO CITY) AND THE HEAVILY POPULATED COASTAL AREA, AS WELL AS SELECTED INLAND COMMUNITIES. FOR THIS PURPOSE, THE UNITED NATIONS DEVELOPMENT PROGRAM (SPECIAL FUND) HAS ALLOCATED THE AMOUNT OF \$665,900, WITH A GOVERNMENT COUNTERPART OF \$648,000. THE ORGANIZATION IS ACTING AS PARTICIPATING AND EXECUTING AGENCY OF THIS PROJECT, WHICH WILL HAVE A DURATION OF THREE YEARS.

		4	4	4	4		WS	19,756	356,501	127,200	88,843
TOTAL						TOTAL					
P-5 PROJECT MANAGER 4.3470	WS	1	1	1	1	PERSONNEL-POSTS		14,537	73,970	82,400	57,843
P-4 HYDROGEOLOGIST 4.3471	WS	1	1	1	1	PERSONNEL-CONSULTANTS		5,146	21,704	17,900	-
P-4 SANITARY ENGINEER 4.3473	WS	1	1	1	1	DUTY TRAVEL		73	5,927	6,000	6,000
P-3 WELL DRILLER 4.3472	WS	1	1	1	1	SUPPLIES AND EQUIPMENT		-	245,100	5,000	17,000
						FELLOWSHIPS		-	4,800	9,600	2,200
						MISCELLANEOUS		-	5,000	6,300	5,800
TOTAL		3	12	10	-	EST. GOVERNMENT CONTRIB.			( 216,000)	( 216,000)	( 216,000)
CONSULTANT MONTHS	WS	3	12	10	-						
TOTAL		-	2	2	1						
FELLOWSHIPS-ACADEMIC	WS	-	1	1	-						
FELLOWSHIPS-SHORT TERM	WS	-	1	1	1						

## SURINAM-2300, AEDES AEGYPTI ERADICATION

THE CITY OF PARAMARIBO, ITS SUBURBS, AND THE COASTAL AREA OF SURINAM ARE HEAVILY INFESTED WITH AEDES AEGYPTI AT PRESENT. DUE TO MODERN MEANS OF LAND, SEA, AND AIR TRANSPORTATION, THIS HEAVY INFESTATION CONSTITUTES A SERIOUS THREAT TO THE COUNTRY BECAUSE OF POSSIBLE OCCURRENCE OF URBAN YELLOW FEVER, DENGUE, AND HEMORRHAGIC FEVER, AND PROVIDES THE POTENTIAL FOR REINFESTING NEIGHBORING COUNTRIES WHICH HAVE ERADICATED THE VECTOR AT CONSIDERABLE COST. IN THE PAST TWO YEARS TWO CONFIRMED HUMAN CASES OF JUNGLE YELLOW FEVER WERE FOUND WITHIN 50 KILOMETERS FROM PARAMARIBO. THIS IS CLEAR EVIDENCE OF YELLOW FEVER VIRUS ACTIVITY INSIDE THE COUNTRY.

UP TO MID-1969 THE RESULTS OBTAINED BY THE CAMPAIGN WERE LIMITED. HOWEVER, IN THE SECOND HALF OF THE YEAR THE CAMPAIGN WAS REORGANIZED, ITS BUDGET EXPANDED, AND A WELL QUALIFIED MEDICAL DIRECTOR WAS APPOINTED. EFFECTIVE DISCIPLINARY MEASURES WITH RESPECT TO FIELD PERSONNEL WERE ALSO ADOPTED. THE CAMPAIGN IS BEING CARRIED OUT IN CONFORMITY WITH THE OPERATIONAL PLAN.

... CONTINUED



SURINAM  
PORTIONS OF INTERCOUNTRY PROJECTS

	1969	1970	1971	1972
	\$	\$	\$	\$
<b>TOTAL AMRO PROJECTS</b>	<b>100,344</b>	<b>119,268</b>	<b>142,780</b>	<b>163,834</b>
0101 EPIDEMIOLOGY -- ZONE I	-	2,168	2,512	2,907
0111 EPIDEMIOLOGICAL SURVEILLANCE PROGRAM	-	-	-	1,401
0200 MALARIA TECHNICAL ADVISORY SERVICES	2,588	2,250	2,388	2,573
0201 MALARIA ERADICATION - ZONE I	9,112	6,814	8,866	11,361
0217 FIELD INVESTIGATION OF MASS DRUG TREATMENT	209	-	-	-
0218 PROMOTION OF RURAL HLTH SERV AND ERADICATION CAMPAIGNS	3,180	2,435	2,758	5,579
0219 DATA PROCESSING & OPERATIONS RESEARCH IN MALARIA ERADICATION	-	651	1,242	2,019
0500 LEPROSY CONTROL	80	117	132	151
0600 VENEREAL DISEASE CONTROL	23	102	36	108
0700 PAN AMERICAN ZOOZOSES CENTER - RAMOS MEJIA	3,858	4,242	4,231	4,677
1000 PARASITIC DISEASES	666	702	656	723
1007 SCHISTOSOMIASIS	367	1,740	1,220	1,420
1008 CHAGAS' DISEASE	223	214	252	540
2100 ENVIRONMENTAL SANITATION	133	351	351	599
2101 SANITARY ENGINEERING -- ZONE I	4,869	4,845	5,042	5,245
2114 PAN AMERICAN SANITARY ENGINEERING CENTER	4,780	8,230	10,425	11,143
2116 CONFERENCE ON INTEGRATION OF ENVIRONMENTAL PROGRAMS	-	-	-	542
2200 WATER SUPPLIES	3,041	1,395	2,191	2,325
2215 APPLIED RESEARCH ON WATER SUPPLIES	347	-	150	300
2220 PUBLIC SERVICES ADMINISTRATION	-	1,977	2,117	2,266
2300 AEDES AEGYPTI ERADICATION	4,616	5,937	5,438	6,284
2301 AEDES AEGYPTI ERADICATION -- CARIBBEAN	8,938	13,195	13,754	13,754
3110 COORDINATION OF INTERNATIONAL RESEARCH	2,013	1,243	1,360	1,966
3124 APPLICATION OF DATA PROCESSING TO HEALTH ADMINISTRATION	403	-	-	-
3130 CONFERENCE ON MYCOLOGY	-	1,127	-	-
3200 NURSING SERVICES	243	861	918	1,199
3201 NURSING -- ZONE I	3,547	3,790	3,926	4,061
3210 HOSPITAL NURSING SERVICES	24	928	1,136	1,201
3211 SEMINAR ON PLANNING FOR NURSING	-	-	-	1,500
3300 LABORATORY SERVICES	423	494	514	514
3310 CONFERENCE ON VIRAL AND RICKETTSIAL VACCINES	-	1,405	-	-
3311 TRAINING LABORATORY PERSONNEL	-	798	623	686
3400 HEALTH EDUCATION	57	248	372	372
3401 HEALTH EDUCATION -- CARIBBEAN	5,980	6,875	6,500	6,500
3500 HEALTH STATISTICS	14	-	349	306
3501 HEALTH STATISTICS -- ZONE I	2,686	4,109	5,055	5,339
3600 ADMINISTRATIVE METHODS AND PRACTICES IN PUBLIC HEALTH	1,635	1,576	1,612	2,272
3601 ADMINISTRATIVE METHODS AND PRACTICES - ZONE I	2,774	2,486	2,769	2,873
3607 MANAGEMENT OF HEALTH SERVICES	-	-	5,243	5,243
3700 HEALTH PLANNING	2,038	4,077	3,795	3,960
3701 HEALTH PLANNING AND ORGANIZATION - ZONE I	2,841	3,195	3,515	3,641
4100 MATERNAL AND CHILD HEALTH	63	399	436	1,443
4115 NURSING-MIDWIFERY EDUCATION	609	-	-	-
4200 NUTRITION ADVISORY SERVICES	249	378	575	585
4201 NUTRITION ADVISORY SERVICES - ZONE I	2,737	2,522	2,901	3,627
4203 INSTITUTE OF NUTRITION OF CENTRAL AMERICA AND PANAMA	8,693	7,106	6,971	7,350
4221 SEMINAR ON NUTRITION IN FOOD AND HEALTH POLICIES	143	-	199	199
4230 NUTRITION TRAINING	258	469	487	613
4500 HEALTH ASPECTS OF RADIATION	-	-	-	844
4507 RADIATION HEALTH PROTECTION	1,381	1,301	1,331	1,361
4700 FOOD AND DRUG CONTROL	741	786	816	845
4800 MEDICAL CARE SERVICES	1,537	835	1,161	1,182
4801 MEDICAL CARE SERVICES (ZONE I)	-	-	1,397	2,906
4813 HOSPITAL PLANNING AND ADMINISTRATION	152	268	2,371	2,412
4815 TRAINING FOR MEDICAL CARE AND HOSPITAL ADMINISTRATION	160	198	1,102	1,286
4819 SEMINAR ON CANCER REGISTRATION	636	-	-	-
4900 HEALTH AND POPULATION DYNAMICS	2,189	4,898	4,510	3,453
4901 HEALTH AND POPULATION DYNAMICS -- ZONE I	2,342	2,501	2,426	2,619
5000 REHABILITATION	739	1,670	2,402	2,368
6200 MEDICAL EDUCATION	1,688	1,520	1,466	1,511
6216 PREVENTIVE MEDICINE EDUCATION	2,872	2,124	1,716	1,788
6223 TEACHING OF BEHAVIORAL SCIENCES	341	528	7,528	7,528
6225 SURVEY OF FELLOWSHIP PROGRAMS	-	-	259	-
6226 COMMUNITY-CENTERED RESEARCH IN MEDICAL EDUCATION	-	-	-	1,037
6400 SANITARY ENGINEERING EDUCATION	642	555	561	583
6707 LATIN AMERICAN CENTER FOR THE CLASSIFICATION OF DISEASES	219	253	297	303
6708 TRAINING PROGRAM IN HOSPITAL STATISTICS	245	380	420	441

## SURINAM

## SUMMARY OF INVESTMENTS BY SOURCE OF FUNDS

SOURCE OF FUNDS	*-----COUNTRY PROJECTS-----*				*-----PORTIONS OF INTER-COUNTRY PROJECTS-----*			
	1969	1970	1971	1972	1969	1970	1971	1972
TOTAL FUNDS	158,120	463,502	742,032	215,406	109,344	119,268	142,780	163,834
PR PAHO REGULAR	30,366	47,873	55,061	66,149	48,538	68,471	75,546	92,948
PM PAHO SPECIAL MALARIA	62,157	32,128	32,771	33,414	10,418	-	-	-
PG PAHO GRANTS & OTHER CONTRIB.	-	-	-	-	14,036	13,576	10,072	9,046
WR WHO REGULAR	-	-	-	-	12,368	17,036	24,571	29,237
WT WHO TECHNICAL ASSISTANCE	16,141	27,000	27,000	27,000	14,873	20,070	32,466	32,466
WS UNITED NATIONS SPECIAL FUND	19,756	356,501	127,200	88,843	-	-	-	-
WG WHO GRANTS & OTHER FUNDS	-	-	-	-	111	115	125	137

SOURCE OF FUNDS	*-----TOTAL ALL PROJECTS-----*			
	1969	1970	1971	1972
TOTAL FUNDS	258,464	582,770	384,812	379,240
PR PAHO REGULAR	78,604	116,344	130,607	159,097
PM PAHO SPECIAL MALARIA	102,575	32,128	32,771	33,414
PG PAHO GRANTS & OTHER CONTRIB.	14,036	13,576	10,072	9,046
WR WHO REGULAR	12,368	17,036	24,571	29,237
WT WHO TECHNICAL ASSISTANCE	31,014	47,070	59,466	59,466
WS UNITED NATIONS SPECIAL FUND	19,756	356,501	127,200	88,843
WG WHO GRANTS & OTHER FUNDS	111	115	125	137

## TRINIDAD AND TOBAGO

## PROGRAM BUDGET

1969		1970		1971		1972	
AMOUNT	PERCENT	AMOUNT	PERCENT	AMOUNT	PERCENT	AMOUNT	PERCENT
\$		\$		\$		\$	
45,722	15.2	61,868	13.5	95,601	20.6	110,573	23.4
10,881	3.7	15,971	3.6	17,914	3.8	28,961	6.1
3,336	1.1	5,363	1.2	6,169	1.3	15,237	3.2
2,588	.9	3,612	.8	3,865	.8	4,466	.9
-	-	-	-	1,006	.2	-	-
162	.1	234	.1	263	.1	1,702	.4
48	*	1,604	.4	1,472	.3	1,616	.3
3,858	1.3	4,242	.9	4,231	.9	4,677	1.0
889	.3	916	.2	908	.2	1,263	.3
34,841	11.5	45,897	9.9	77,687	16.8	81,612	17.3
12,667	4.2	20,926	4.5	2100 GENERAL	8.7	42,313	9.0
11,542	3.8	9,191	2.0	2200 WATER SUPPLIES	4.7	22,756	4.8
10,568	3.5	14,901	3.2	2300 AEDS AEGYPTI ERADICATION	3.2	15,608	3.3
64	*	879	.2	2400 HOUSING	.2	935	.2
246,604	81.6	371,804	80.4	320,308	69.6	327,288	69.3
106,597	35.2	145,256	31.4	156,378	34.1	164,391	34.8
82,217	27.2	36,007	8.2	3100 GENERAL PUBLIC HEALTH	9.8	50,245	10.6
6,355	2.1	14,806	3.2	3200 NURSING	4.4	18,124	3.8
423	.1	28,497	6.2	3300 LABORATORY	5.2	21,200	4.5
57	*	248	.1	3400 HEALTH EDUCATION	.5	372	.1
1,763	.6	9,863	2.1	3500 STATISTICS	2.1	13,698	2.8
6,141	2.0	33,439	7.2	3600 ADMINISTRATIVE METHODS	8.1	42,939	9.1
9,646	3.2	20,396	4.4	3700 HEALTH PLANNING	4.0	18,413	3.9
140,007	46.4	226,548	49.0	163,930	35.5	162,697	34.5
4,402	1.4	5,761	1.3	4100 MATERNAL AND CHILD HEALTH	.6	2,487	.5
53,145	17.6	71,782	15.5	4200 NUTRITION	14.8	63,518	13.4
-	-	-	-	4300 MENTAL HEALTH	-	450	.1
1,396	.5	1,501	.3	4500 RADIATION AND ISOTOPES	.3	6,405	1.4
1,398	.5	3,437	.7	4600 OCCUPATIONAL HEALTH	.8	1,972	.4
841	.3	2,294	.5	4700 FOOD AND DRUG	.2	961	.2
36,165	12.0	44,218	9.6	4800 MEDICAL CARE	7.9	47,126	10.0
41,921	13.9	94,640	20.5	4900 HEALTH AND POPULATION DYNAMICS	10.4	37,610	8.0
739	.2	2,915	.6	5000 REHABILITATION	.5	2,368	.5
9,777	3.2	29,100	6.1	45,178	9.8	34,694	7.3
1,964	.6	13,650	2.9	6100 PUBLIC HEALTH	4.3	12,401	2.6
2,029	.7	2,045	.4	6200 MEDICINE	2.0	10,074	2.1
3,338	1.1	9,852	2.1	6300 NURSING	2.3	8,128	1.7
642	.2	1,057	.2	6400 ENVIRONMENTAL SCIENCES	.3	1,300	.3
-	-	-	-	6600 DENTISTRY	.3	-	-
1,804	.6	2,496	.5	6700 BIOSTATISTICS	.6	2,791	.6
302,103	100.0	462,772	100.0	461,087	100.0	472,555	100.0
=====	=====	=====	=====	=====	=====	=====	=====

\* LESS THAN .05 PERCENT

## TRINIDAD AND TOBAGO

## SUMMARY OF INVESTMENT

SOURCE OF FUNDS	TOTAL AMOUNT	*-----PERSONNEL-----*			*-----DUTY-----*	*-----FELLOWSHIPS-----*		*-----SEMINARS-----*	*SUPPLIES*	*-----GRANTS-----*			
		POSTS PROF.	LOCAL	STC MONTH	TRAVEL AMOUNT	ACAD.	SHORT	AMOUNT	PART.	AND EQUIPMENT	AND OTHER		
	\$				\$			\$	\$	\$			
1969													
PAHO---PR	133,450	3	-	1	97,565	11,827	1	3	7,638	-	3,313	1,220	11,887
PM	1,038	-	-	-	965	17	-	-	-	-	-	56	-
PW	4,186	-	-	2	4,186	-	-	-	-	-	-	-	-
PG	68,736	-	-	-	17,757	1,860	-	-	22,218	-	5,581	18,974	2,346
WHO---WR	61,332	-	-	-	15,361	2,560	7	10	38,320	-	275	1,556	3,280
WT	30,192	1	-	1	28,178	1,062	-	-	-	26	936	16	-
WS	3,058	-	-	-	2,289	181	-	-	-	-	-	410	178
WO	111	-	-	-	111	-	-	-	-	-	-	-	-
TOTAL	302,103	4	-	4	166,412	17,507	8	13	68,176	26	10,105	22,232	17,671
PER CENT OF TOTAL	100.0				55.1	5.8			22.6		3.3	7.4	5.8
1970													
PAHO---PR	176,277	3	-	7	139,950	14,174	1	2	7,973	-	1,002	5,534	7,644
PW	-	-	-	3	-	-	-	-	-	-	-	-	-
PG	134,603	-	-	-	48,476	3,740	-	-	27,776	-	3,577	46,567	4,467
WHO---WR	102,032	-	-	4	32,745	2,288	6	11	39,988	-	2,068	774	24,169
WT	40,550	1	-	-	31,980	2,100	1	-	6,400	-	-	70	-
WS	9,195	-	-	-	6,966	240	-	-	-	-	-	1,627	362
WO	115	-	-	-	115	-	-	-	-	-	-	-	-
TOTAL	462,772	4	-	14	260,232	22,542	8	13	82,137	-	6,647	54,572	36,642
PER CENT OF TOTAL	100.0				56.3	4.9			17.7		1.4	11.8	7.9
1971													
PAHO---PR	214,637	3	-	15	166,421	14,730	3	4	18,528	-	1,104	5,293	8,561
PW	3,600	-	-	2	3,600	-	-	-	-	-	-	-	-
PG	80,827	-	-	-	51,218	3,729	-	-	18,026	-	906	2,672	4,276
WHO---WR	106,748	-	-	1	34,691	2,924	7	10	42,147	-	1,006	2,061	23,919
WT	48,021	1	-	6	29,702	930	-	3	17,039	-	-	350	-
WS	7,129	-	-	-	5,976	240	-	-	-	-	-	509	404
WO	125	-	-	-	125	-	-	-	-	-	-	-	-
TOTAL	461,087	4	-	24	291,733	22,553	10	17	95,740	-	3,016	10,885	37,160
PER CENT OF TOTAL	100.0				63.3	4.9			20.8		.6	2.4	8.0
1972													
PAHO---PR	226,101	3	-	10	173,892	14,951	3	4	18,954	-	3,197	6,284	8,823
PW	-	-	-	2	-	-	-	-	-	-	-	-	-
PG	56,481	-	-	-	43,805	3,724	-	-	3,576	-	207	1,595	3,574
WHO---WR	128,404	-	-	4	44,619	3,204	9	12	53,510	-	1,500	1,535	24,036
WT	54,721	-	-	9	33,702	930	1	2	19,739	-	-	350	-
WS	6,711	-	-	-	5,640	240	-	-	-	-	-	455	376
WO	137	-	-	-	137	-	-	-	-	-	-	-	-
TOTAL	472,555	3	-	25	301,795	23,049	13	18	95,779	-	4,904	10,219	36,809
PER CENT OF TOTAL	100.0				63.9	4.9			20.3		1.0	2.1	7.8

PAHO PR-REGULAR BUDGET  
 PM-SPECIAL FUND FOR MALARIA ERADICATION  
 PW-COMMUNITY WATER SUPPLY  
 PG-GRANTS AND OTHER CONTRIBUTIONS  
 PI-INCAP AND OTHER RELATED GRANTS

WHO WR-REGULAR BUDGET  
 WA-MALARIA ERADICATION SPECIAL ACCOUNT  
 WT-UNITED NATIONS TECHNICAL ASSISTANCE  
 WS-UNITED NATIONS SPECIAL FUND  
 WO-GRANTS AND OTHER FUNDS

## DETAIL

## TRINIDAD AND TOBAGO-0100, EPIDEMIOLOGY

THE OBJECTIVE OF THIS PROGRAM IS TO ORGANIZE THE NEWLY ESTABLISHED DIVISION OF EPIDEMIOLOGY IN THE MINISTRY OF HEALTH FOR FORMULATION OF PROGRAMS FOR COMMUNICABLE DISEASE CONTROL AND FOR EFFECTIVE EPIDEMIOLOGICAL SURVEILLANCE. URGENT TASKS ARE THE REVISION AND IMPLEMENTATION OF LEGISLATION AIMED AT PREVENTING REINFESTATION BY *Aedes Aegypti*, INTEGRATION OF THE MAINTENANCE PHASE OF THE MALARIA ERADICATION PROGRAM WITH THE GENERAL HEALTH SERVICES, THE PROTECTION OF THE SUSCEPTIBLE POPULATION AGAINST THE DISEASES FOR WHICH EFFECTIVE VACCINES ARE AVAILABLE, IMPROVEMENT OF SYSTEMS FOR THE COLLECTION AND UTILIZATION OF EPIDEMIOLOGICAL DATA, EVALUATION OF LEPROSY AND TUBERCULOSIS PROGRAMS, FURTHER DEVELOPMENT OF PUBLIC HEALTH LABORATORY SERVICES, AND UTILIZATION OF STATISTICAL SERVICES.

	FUND					FUND				
	1969	1970	1971	1972		1969	1970	1971	1972	
	-----	-----	-----	-----		-----	-----	-----	-----	
						\$	\$	\$	\$	
TOTAL	-	1	1	2	TOTAL	WR	3,336	6,000	6,000	13,200
CONSULTANT MONTHS	WR	-	1	1	2	PERSONNEL-CONSULTANTS	-	1,800	1,800	3,600
TOTAL		2	3	3	5	FELLOWSHIPS	3,336	4,200	4,200	9,600
FELLOWSHIPS-ACADEMIC	WR	-	-	-	1	EST. GOVERNMENT CONTRIB.		( 150,000)	( 150,000)	( 150,000)
FELLOWSHIPS-SHORT TERM	WR	2	3	3	4					

## TRINIDAD AND TOBAGO-2100, ENVIRONMENTAL SANITATION

THE OBJECTIVES OF THIS PROJECT ARE TO ASSIST IN PREPARING AND CARRYING OUT PLANS FOR THE IMPROVEMENT OF THE ENVIRONMENTAL SANITATION CONDITIONS IN THE COUNTRY. THESE ACTIVITIES WILL INCLUDE THE PREPARATION OF A NATIONAL PLAN OF CONSTRUCTION AND EXPANSION OF THE WATER SUPPLY AND SEWERAGE SYSTEMS, INCLUDING THE IMPROVEMENT OF THE MANAGEMENT AND ORGANIZATION OF THE NATIONAL WATER AUTHORITY; THE CREATION OF A DIVISION OF ENVIRONMENTAL HEALTH AT THE MINISTRY OF HEALTH, WHICH WOULD BE RESPONSIBLE FOR PREPARING AND SUBMITTING POLICY GUIDES IN RELATION TO ENVIRONMENTAL SANITATION AND FOR THE CONTROL OF THE QUALITY OF DRINKING WATER, FOOD SANITATION, INDUSTRIAL HYGIENE AND AIR POLLUTION CONTROL, RADIATION PROTECTION, SOLID WASTE COLLECTION AND DISPOSAL, VECTOR CONTROL, AND HEALTH ASPECTS OF HOUSING AND URBANIZATION; THE PLANNING AND EXECUTION OF TRAINING PROGRAMS FOR PROFESSIONAL AND AUXILIARY PERSONNEL; AND A MANPOWER SURVEY TO ASSESS EXISTING AND FUTURE MANPOWER REQUIREMENTS.

	FUND					FUND				
	1969	1970	1971	1972		1969	1970	1971	1972	
	-----	-----	-----	-----		-----	-----	-----	-----	
TOTAL	-	-	1	1	TOTAL	PR	5,904	14,000	39,514	44,237
P-4 SANITARY ENGINEER .3384	PR	-	-	1	1	PERSONNEL-POSTS	-	-	15,714	20,837
TOTAL		-	4	3	2	PERSONNEL-CONSULTANTS	-	7,200	5,400	3,600
CONSULTANT MONTHS	PR	-	4	3	2	DUTY TRAVEL	-	-	1,500	1,500
TOTAL		3	3	6	7	SUPPLIES AND EQUIPMENT	108	-	700	700
FELLOWSHIPS-ACADEMIC	PR	1	1	3	3	FELLOWSHIPS	5,796	6,800	16,200	17,600
FELLOWSHIPS-SHORT TERM	PR	2	2	3	4	EST. GOVERNMENT CONTRIB.		( 200,000)	( 200,000)	( 200,000)

## TRINIDAD AND TOBAGO-2200, WATER SUPPLIES

IN 1969 IT WAS ESTIMATED THAT 99 PER CENT OF THE URBAN POPULATION HAD WATER SUPPLY SERVICES (80 PER CENT BY HOUSE CONNECTION AND 19 PER CENT FROM PUBLIC HYDRANTS). OF THE RURAL POPULATION 93 PER CENT WAS SERVED BY HOUSE CONNECTION OR PUBLIC HYDRANTS, AND 49 PER CENT OF THE URBAN POPULATION HAD SEWERAGE SERVICES. THE GOVERNMENT ESTIMATED THAT IT WOULD SPEND, FOR THE PERIOD 1968-1971, \$15.7 MILLION TO IMPROVE AND EXPAND THE URBAN AND RURAL WATER SUPPLY SERVICES PLUS \$6.7 MILLION FOR URBAN SEWERAGE SERVICES.

	FUND					FUND				
	1969	1970	1971	1972		1969	1970	1971	1972	
	-----	-----	-----	-----		-----	-----	-----	-----	
TOTAL	2	3	2	2	TOTAL	PW	4,186	-	3,600	-
CONSULTANT MONTHS	PW	2	3	2	2	PERSONNEL-CONSULTANTS	4,186	-	3,600	-

## TRINIDAD AND TOBAGO-3100, HEALTH SERVICES

THE ORGANIZATION HAS BEEN GIVING TECHNICAL ASSISTANCE IN THE PREPARATION OF THE NATIONAL HEALTH PLAN. THE PLAN CALLS FOR A COMPLETE REORGANIZATION OF THE HEALTH SERVICES BASED UPON PRINCIPLES OF REGIONALIZATION AND FUNCTIONALIZATION, AS WELL AS ADMINISTRATIVE INTEGRATION OF CURATIVE AND PREVENTIVE SERVICES. CONTINUED ASSISTANCE IS NECESSARY IN THE IMPLEMENTATION STAGES, PARTICULARLY IN THE FIELDS OF TRAINING AND ADVISORY SERVICES. EFFORTS WILL BE DEVOTED TO THE INTRODUCTION OF SYSTEMATIC PROCEDURES FOR CONTINUOUS AND PREVENTIVE MAINTENANCE OF MEDICAL EQUIPMENT; PROGRESSIVE EXTENSION AND COORDINATION OF ELEMENTS OF FORMULATED PROGRAMS UNTIL COMPREHENSIVE COVERAGE IS ACHIEVED; ORGANIZATIONAL CHANGES AND STAFFING NECESSARY TO ALLOW IMPLEMENTATION OF FORMULATED PROGRAMS WITH MINIMAL DELAY; STRENGTHENING OF NURSING AND NURSING AUXILIARY TRAINING PROGRAMS TO THE POINT WHERE, WITHOUT DEPENDENCE ON OUTSIDE HELP, THEY CAN CONTINUE TO ADAPT TO FUTURE CHANGES OF CONCEPT AND NEEDS; AND THE ACHIEVEMENT OF A COMPREHENSIVE STAFF TRAINING AND RETENTION PROGRAM FOR THE MINISTRY OF HEALTH.

. . . CONTINUED

## TRINIDAD AND TOBAGO-3100, HEALTH SERVICES . . . CONTINUED

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
								\$	\$	\$	\$
TOTAL		3	3	2	2	TOTAL		95,199	101,953	104,616	102,703
P-5 PAHO/WHO REPRESENTATIVE .3225	PR	1	1	1	1	SUBTOTAL	PR	60,440	68,153	66,816	64,903
P-3 ADMIN. METHODS OFFICER .2055	PR	1	1	1	1	PERSONNEL-POSTS		47,324	54,753	41,016	42,803
P-3 NURSE .2051	PR	1	1	-	-	PERSONNEL-CONSULTANTS		774	5,400	18,000	14,400
TOTAL		1	3	10	8	DUTY TRAVEL		4,565	4,500	3,000	3,000
CONSULTANT MONTHS	PR	1	3	10	8	SUPPLIES AND EQUIPMENT		-	-	500	1,000
TOTAL		16	13	14	14	FELLOWSHIPS		1,311	-	-	-
FELLOWSHIPS-ACADEMIC	WR	7	6	7	7	COMMON SERVICES		6,466	3,500	4,300	3,700
FELLOWSHIPS-SHORT TERM	PR	1	-	-	-	SUBTOTAL	WR	34,759	33,800	37,800	37,800
FELLOWSHIPS-SHORT TERM	WR	8	7	7	7	SUPPLIES AND EQUIPMENT		27	-	-	-
						FELLOWSHIPS		34,732	33,800	37,800	37,800
						EST. GOVERNMENT CONTRIB.			( 100,000)	( 125,000)	( 150,000)

## TRINIDAD AND TOBAGO-3500, HEALTH STATISTICS

THE PURPOSE OF THIS PROJECT IS THE ESTABLISHMENT OF A SYSTEM OF HEALTH STATISTICS WITHIN THE MINISTRY OF HEALTH WHICH WILL PROVIDE PROMPT AND ADEQUATE DATA FOR PLANNING, OPERATING, AND EVALUATING HEALTH SERVICES, AS WELL AS FOR RESEARCH AND RELATED ACTIVITIES. INTERAGENCY COLLABORATION IS ESSENTIAL, MAKING FULL USE OF RESOURCES AVAILABLE IN THE CENTRAL STATISTICAL OFFICE.

A SPECIALIZED SECTION ON HEALTH STATISTICS WILL BE ADDED TO THE COURSE OF THE CENTRAL STATISTICAL OFFICE FOR HEALTH STATISTICIANS.

TOTAL		-	3	2	2	TOTAL		-	7,000	6,000	9,500
CONSULTANT MONTHS	PR	-	-	2	-	SUBTOTAL	PR	-	-	6,000	-
CONSULTANT MONTHS	WR	-	3	-	2	PERSONNEL-CONSULTANTS		-	-	3,600	-
TOTAL		-	1	1	2	SUPPLIES AND EQUIPMENT		-	-	1,000	-
FELLOWSHIPS-ACADEMIC	WR	-	-	-	1	FELLOWSHIPS		-	-	1,400	-
FELLOWSHIPS-SHORT TERM	PR	-	-	1	-	SUBTOTAL	WR	-	7,000	-	9,500
FELLOWSHIPS-SHORT TERM	WR	-	1	-	1	PERSONNEL-CONSULTANTS		-	5,400	-	3,600
						SUPPLIES AND EQUIPMENT		-	200	-	500
						FELLOWSHIPS		-	1,400	-	5,400
						EST. GOVERNMENT CONTRIB.			( 25,000)	( 25,000)	( 25,000)

## TRINIDAD AND TOBAGO-4800, HOSPITAL ADMINISTRATION AND MEDICAL RECORDS

THE OBJECTIVES OF THE PROJECT ARE THE INTEGRATION OF CURATIVE AND PREVENTIVE MEDICAL CARE SERVICES BY UTILIZING EXISTING AND IMPROVED FACILITIES; THE IMPLEMENTATION OF HIGH STANDARDS OF HOSPITAL AND MEDICAL CARE ADMINISTRATION BASED UPON ADEQUATELY DEFINED POLICIES AND PROCEDURES; AND THE STRENGTHENING OF MANPOWER RESOURCES TO MEET FUTURE DEMAND IN ADMINISTRATION OF HOSPITAL AND MEDICAL CARE.

ASSISTANCE WILL BE PROVIDED FOR LOCAL AND INTERNATIONAL TRAINING TOWARD PRESENT AND FUTURE NEEDS, COMPLETION OF HOSPITAL RULES AND REGULATIONS, FURTHER IMPLEMENTATION OF REGIONALIZATION AND INTEGRATION, AND INSTITUTION OF PSYCHIATRIC UNITS AS PART OF GENERAL HOSPITAL SERVICES.

TOTAL		1	1	1	-	TOTAL	WT	23,352	30,400	2,000	-
P-4 HOSPITAL ADMINISTRATOR 4.0952	WT	1	1	1	-	PERSONNEL-POSTS		21,035	22,500	2,000	-
TOTAL		1	-	-	-	PERSONNEL-CONSULTANTS		989	-	-	-
CONSULTANT MONTHS	WT	1	-	-	-	DUTY TRAVEL		392	1,500	-	-
TOTAL		-	1	-	-	FELLOWSHIPS		-	6,400	-	-
FELLOWSHIPS-ACADEMIC	WT	-	1	-	-	PARTICIPANTS		936	-	-	-
TOTAL		26	-	-	-	EST. GOVERNMENT CONTRIB.			( 50,000)	( 5,000)	
PARTICIPANTS	WT	26	-	-	-						



TRINIDAD AND TOBAGO-4801, HOSPITAL DESIGN AND MAINTENANCE

AS INDICATED IN THE FIRST NATIONAL HEALTH PLAN AND CONFIRMED IN THE THIRD NATIONAL FIVE-YEAR PLAN (1969-1973), THE GOVERNMENT'S JUDGEMENT IS THAT BETTER UTILIZATION OF EXISTING FACILITIES IS MORE URGENT THAN MAJOR EXPANSION OF BED CAPACITY. WITHIN THE \$2,700,000 TARGETED DEVELOPMENT FUNDS FOR 1969-1973, EMPHASIS IS ACCORDINGLY PLACED UPON DEVELOPMENT OF "FRONT-LINE" FACILITIES AND ON THE UNDERDEVELOPED SUPPORTING AND ANCILLARY SERVICES OF THE LARGER HOSPITALS. THESE PRIORITIES REFLECT THE FACT THAT SERVICE DEMANDS ARE OFTEN NOT ADEQUATELY FULFILLED BECAUSE INSUFFICIENT SUPPORT IS AVAILABLE IN ITEMS SUCH AS STERILE SUPPLIES, LAUNDRY, DIAGNOSTIC X-RAY, AND ELEVATORS. IN TURN, THESE DEFICIENCIES CAN BE TRACED TO INSUFFICIENT PHYSICAL PROVISION IN ANTIQUATED HOSPITALS AND TO EQUIPMENT IDLED DUE TO LACK OF ADEQUATE MAINTENANCE.

THE ABOVE WELL-CONCEIVED PRIORITIES NOW GUIDE CAPITAL DEVELOPMENT PLANS AND EQUIPMENT PURCHASE. THE PRIORITY FOR MAINTENANCE IS ALSO RECOGNIZED, BUT NOT YET REFLECTED IN ADEQUATE ORGANIZATION. ORGANIZATIONAL PROBLEMS IN MAINTENANCE INCLUDE DIVIDED AND UNCLEAR RESPONSIBILITY. THE NEED FOR IMPROVED DEFINITION OF RESPECTIVE RESPONSIBILITIES ALSO APPLIES TO THE CONSTRUCTION PROJECTS, ALTHOUGH THE MORE ESSENTIAL PROBLEM IS A NATIONAL SHORTAGE OF ARCHITECTS AND AN ABSENCE OF ARCHITECTS WITH SPECIALIZED KNOWLEDGE OF HOSPITALS AND HEALTH FACILITIES.

ASSISTANCE WILL BE PROVIDED IN THE DEVELOPMENT OF LONG-RANGE CAPITAL PLANS FOR HEALTH INSTITUTIONS AND DESIGN OF SPECIFIC COMPONENTS OF THE LONG-RANGE PLANS, WITH ATTENTION TO MAINTENANCE CAPABILITIES IN THE DESIGN PROCESS; TO ASSESS PROBLEMS OF EQUIPMENT MAINTENANCE THROUGHOUT THE HEALTH SERVICES AND TO FORMULATE A LONG-RANGE PROGRAM FOR PREVENTIVE AND REMEDIAL HOSPITAL AND EQUIPMENT MAINTENANCE; TO IMPLEMENT A PILOT MAINTENANCE PROGRAM AT ONE SELECTED INSTITUTION; AND TO DEVELOP TRAINING PROGRAMS AND CONDUCT INITIAL TRAINING EXERCISES FOR MAINTENANCE PERSONNEL AND HEALTH PERSONNEL IN GENERAL.

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
								\$	\$	\$	\$
TOTAL		-	-	6	9	TOTAL	WT	-	-	23,100	31,800
CONSULTANT MONTHS	WT	-	-	6	9	PERSONNEL-CONSULTANTS		-	-	12,000	18,000
TOTAL		-	-	3	3	FELLOWSHIPS		-	-	11,100	13,800
FELLOWSHIPS-ACADEMIC	WT	-	-	-	1	EST. GOVERNMENT CONTRIB.			( 100,000)	( 100,000)	( 100,000)
FELLOWSHIPS-SHORT TERM	WT	-	-	3	2						

TRINIDAD AND TOBAGO-4900, HEALTH AND POPULATION DYNAMICS

IN 1967, THE GOVERNMENT ADOPTED A POLICY ON POPULATION TO BE CARRIED OUT BY THE MINISTRY OF HEALTH. THE OBJECTIVES OF THE PROJECT ARE TO ASSIST THE MINISTRY IN DEVELOPMENT OF A NATIONAL FAMILY PLANNING PROGRAM AS AN INTEGRAL PART OF BASIC HEALTH SERVICES, SPECIFICALLY WITHIN THE MATERNAL AND CHILD HEALTH PROGRAM; THE TRAINING OF MEDICAL AND NURSING STAFF IN THE HEALTH SERVICES IN FAMILY PLANNING EDUCATION AND TECHNIQUES, AS WELL AS INCLUSION OF FAMILY PLANNING IN THE CURRICULA OF ALL NURSING AND MIDWIFERY SCHOOLS; AND INTENSIVE HEALTH AND COMMUNITY EDUCATION, INCLUDING FORMULATION AND IMPLEMENTATION OF A PROGRAM IN FAMILY LIFE EDUCATION.

	TOTAL	PG	17,267	42,733	-	-
SUPPLIES AND EQUIPMENT			17,267	42,733	-	-
EST. GOVERNMENT CONTRIB.				( 100,000)	( 100,000)	( 100,000)

TRINIDAD AND TOBAGO  
PORTIONS OF INTERCOUNTRY PROJECTS

	1969	1970	1971	1972
	\$	\$	\$	\$
<b>TOTAL AMRO PROJECTS</b>	<b>152,859</b>	<b>260,686</b>	<b>276,257</b>	<b>271,115</b>
0101 EPIDEMIOLOGY -- ZONE I	-	2,963	2,969	3,436
0111 EPIDEMIOLOGICAL SURVEILLANCE PROGRAM	-	-	-	1,401
0200 MALARIA TECHNICAL ADVISORY SERVICES	2,588	2,250	2,388	2,573
0201 MALARIA ERADICATION - ZONE I	-	1,362	1,477	1,893
0408 SEMINAR ON TUBERCULOSIS CONTROL	-	-	1,006	-
0500 LEPROSY CONTROL	162	234	263	302
0600 VENEREAL DISEASE CONTROL	48	204	72	216
0700 PAN AMERICAN ZOOLOGICAL CENTER	3,858	4,242	4,231	4,677
1000 PARASITIC DISEASES	666	702	656	723
1008 CHAGAS' DISEASE	223	214	252	540
2100 ENVIRONMENTAL SANITATION	133	351	351	599
2101 SANITARY ENGINEERING -- ZONE I	5,678	5,653	5,885	6,119
2112 AIR POLLUTION CONFERENCE	81	-	-	-
2114 PAN AMERICAN SANITARY ENGINEERING CENTER	4,780	8,230	10,425	11,143
2116 CONFERENCE ON INTEGRATION OF ENVIRONMENTAL PROGRAMS	-	-	-	542
2200 WATER SUPPLIES	4,562	2,093	3,286	3,487
2214 SEMINAR ON WATER POLLUTION CONTROL	-	831	-	-
2215 APPLIED RESEARCH ON WATER SUPPLIES	347	-	150	300
2220 PUBLIC SERVICES ADMINISTRATION	-	1,977	2,117	2,266
2300 AEDES AEGYPTI ERADICATION	3,693	4,751	4,352	5,028
2301 AEDES AEGYPTI ERADICATION -- CARIBBEAN	6,875	10,150	10,580	10,580
3110 COORDINATION OF INTERNATIONAL RESEARCH	2,013	1,243	1,360	1,966
3124 APPLICATION OF DATA PROCESSING TO HEALTH ADMINISTRATION	403	-	-	-
3130 CONFERENCE ON MYCOLOGY	-	1,127	-	-
3131 CARIBBEAN HEALTH MINISTERS' CONFERENCE	-	3,332	3,332	3,332
3200 NURSING SERVICES	243	861	918	1,199
3201 NURSING -- ZONE I	4,138	4,422	4,580	4,738
3210 HOSPITAL NURSING SERVICES	24	928	1,136	1,201
3211 SEMINAR ON PLANNING FOR NURSING	-	-	-	1,500
3300 LABORATORY SERVICES	423	494	514	514
3310 CONFERENCE ON VIRAL AND RICKETTSIAL VACCINES	-	1,405	-	-
3311 TRAINING LABORATORY PERSONNEL	-	798	623	686
3314 TRINIDAD REGIONAL VIRUS LABORATORY	-	20,000	20,000	20,000
3400 HEALTH EDUCATION	57	248	372	372
3500 HEALTH STATISTICS	14	-	349	306
3501 HEALTH STATISTICS -- ZONE I	2,686	4,108	5,055	5,339
3516 REGIONAL SEMINAR ON DATA PROCESSING	-	618	-	-
3600 ADMINISTRATIVE METHODS AND PRACTICES IN PUBLIC HEALTH	1,635	1,576	1,612	2,272
3601 ADMINISTRATIVE METHODS AND PRACTICES - ZONE I	4,506	4,039	4,500	4,668
3607 MANAGEMENT OF HEALTH SERVICES	-	-	5,243	5,243
3700 HEALTH PLANNING	2,037	4,076	3,795	3,960
3701 HEALTH PLANNING AND ORGANIZATION - ZONE I	4,262	4,793	5,273	5,460
3715 PAN AMERICAN PROGRAM FOR HEALTH PLANNING	3,347	10,127	8,061	7,593
4100 MATERNAL AND CHILD HEALTH	65	410	448	1,483
4115 NURSING-MIDWIFERY EDUCATION	609	-	-	-
4200 NUTRITION ADVISORY SERVICES	249	378	574	585
4201 NUTRITION ADVISORY SERVICES - ZONE I	3,194	2,942	3,384	4,232
4203 INSTITUTE OF NUTRITION OF CENTRAL AMERICA AND PANAMA	8,693	7,106	6,971	7,350
4207 CARIBBEAN FOOD AND NUTRITION INSTITUTE	40,608	60,527	52,853	49,911
4211 RESEARCH IN PROTEIN-CALORIE MALNUTRITION	-	-	268	268
4221 SEMINAR ON NUTRITION IN FOOD AND HEALTH POLICIES	143	-	199	199
4230 NUTRITION TRAINING	258	469	487	613
4238 NUTRITION RESEARCH	-	360	360	360
4300 MENTAL HEALTH	-	-	-	450
4500 HEALTH ASPECTS OF RADIATION	-	-	-	844
4507 RADIATION HEALTH PROTECTION	1,381	1,301	1,331	1,361
4509 RADIATION SURVEILLANCE	15	200	200	200
4700 FOOD AND DRUG CONTROL	841	894	928	961
4800 MEDICAL CARE SERVICES	1,537	835	1,161	1,182
4801 MEDICAL CARE SERVICES (ZONE I)	-	-	1,630	3,390
4810 CHRONIC DISEASES	1,006	1,239	1,293	1,346
4813 HOSPITAL PLANNING AND ADMINISTRATION	152	268	2,371	2,412
4815 TRAINING FOR MEDICAL CARE AND HOSPITAL ADMINISTRATION	160	198	1,102	1,286

## TRINIDAD AND TOBAGO - PORTIONS OF INTERCOUNTRY PROJECTS . . . CONTINUED

4819	SEMINAR ON CANCER REGISTRATION	636	-	-	-
4900	HEALTH AND POPULATION DYNAMICS	21,922	48,989	45,125	34,554
4901	HEALTH AND POPULATION DYNAMICS -- ZONE I	2,732	2,918	2,830	3,056
5000	REHABILITATION	739	1,670	2,402	2,368
5008	SEMINAR ON REHABILITATION	-	1,245	-	-
6101	HEALTH MANPOWER STUDIES (ZONE I)	1,964	13,650	19,900	12,401
6200	MEDICAL EDUCATION	1,688	1,517	1,464	1,509
6223	TEACHING OF BEHAVIORAL SCIENCES	341	528	7,528	7,528
6225	SURVEY OF FELLOWSHIP PROGRAMS	-	-	259	-
6226	COMMUNITY-CENTERED RESEARCH IN MEDICAL EDUCATION	-	-	-	1,037
6301	NURSING EDUCATION -- ZONE I	2,449	1,852	1,929	2,005
6312	SEMINARS ON NURSING EDUCATION (ZONE II)	889	-	800	723
6400	SANITARY ENGINEERING EDUCATION	642	555	561	583
6707	LATIN AMERICAN CENTER FOR THE CLASSIFICATION OF DISEASES	219	253	296	303
6708	TRAINING PROGRAM IN HOSPITAL STATISTICS	245	380	420	441

## TRINIDAD AND TOBAGO

## SUMMARY OF INVESTMENTS BY SOURCE OF FUNDS

SOURCE OF FUNDS	*-----COUNTRY PROJECTS-----*				*-----PORTIONS OF INTER-COUNTRY PROJECTS-----*			
	1969	1970	1971	1972	1969	1970	1971	1972
TOTAL FUNDS	149,244	202,086	184,830	201,440	152,859	260,686	276,257	271,115
PR PAHO REGULAR	66,344	82,153	112,330	109,140	67,106	94,124	102,307	116,961
PM PAHO SPECIAL MALARIA	-	-	-	-	1,038	-	-	-
PW PAHO COMMUNITY WATER SUPPLY	4,186	-	3,600	-	-	-	-	-
PG PAHO GRANTS & OTHER CONTRIB.	17,267	42,733	-	-	51,469	91,870	80,877	56,481
WR WHO REGULAR	38,095	46,800	43,800	60,500	23,237	55,232	62,948	67,904
WT WHO TECHNICAL ASSISTANCE	23,352	30,400	25,100	31,800	6,840	10,150	22,921	22,921
WS UNITED NATIONS SPECIAL FUND	-	-	-	-	3,058	9,195	7,129	6,711
WD WHO GRANTS & OTHER FUNDS	-	-	-	-	111	115	125	137

SOURCE OF FUNDS	*-----TOTAL ALL PROJECTS-----*			
	1969	1970	1971	1972
TOTAL FUNDS	302,103	462,772	461,087	472,555
PR PAHO REGULAR	133,450	176,277	214,637	226,101
PM PAHO SPECIAL MALARIA	1,038	-	-	-
PW PAHO COMMUNITY WATER SUPPLY	4,186	-	3,600	-
PG PAHO GRANTS & OTHER CONTRIB.	68,736	134,603	80,827	56,481
WR WHO REGULAR	61,332	102,032	106,748	128,404
WT WHO TECHNICAL ASSISTANCE	30,152	40,550	46,021	54,721
WS UNITED NATIONS SPECIAL FUND	3,058	9,195	7,129	6,711
WD WHO GRANTS & OTHER FUNDS	111	115	125	137



## VENEZUELA

## PROGRAM BUDGET

1 9 6 9		1 9 7 0		1 9 7 1		1 9 7 2		
AMOUNT	PERCENT	AMOUNT	PERCENT	AMOUNT	PERCENT	AMOUNT	PERCENT	
\$		\$		\$		\$		
85,330	11.5	173,469	16.0	232,560	21.4	243,201	26.0	
48,743	6.6	40,691	3.8	43,158	3.9	57,878	6.2	
-	-	2,957	.3	3,425	.3	5,366	.6	
2,588	.3	3,068	.3	3,570	.3	4,088	.4	
13,974	1.9	-	-	-	-	-	-	
358	*	1,288	.1	4,722	.4	4,354	.5	
815	.1	1,173	.1	1,318	.1	7,011	.8	
97	*	408	*	144	*	432	*	
20,362	2.8	23,399	2.2	21,188	2.0	26,583	2.8	
1,276	.2	1,080	.1	1,080	.1	2,631	.3	
9,273	1.3	7,318	.7	7,711	.7	7,413	.8	
36,587	4.9	132,778	12.2	189,402	17.5	185,323	19.8	
9,556	1.3	43,526	4.0	41,840	3.9	39,440	4.2	
11,115	1.5	62,216	5.7	107,841	10.0	94,371	10.1	
15,852	2.1	25,948	2.4	29,596	2.7	45,757	4.9	
64	*	1,088	.1	10,125	.9	5,762	.6	
372,982	50.5	578,251	53.0	473,676	43.9	350,364	37.4	
154,871	21.0	114,382	10.5	101,253	9.5	107,551	11.5	
100,312	13.6	13,418	1.2	3100 GENERAL PUBLIC HEALTH	24,409	2.3	29,567	3.2
1,855	.3	3,248	.3	3200 NURSING	3,428	.3	5,124	.5
21,569	2.9	35,897	3.3	3300 LABORATORY	13,537	1.3	13,600	1.5
4,837	.7	3,534	.3	3400 HEALTH EDUCATION	3,124	.3	3,099	.3
1,763	.2	2,863	.3	3500 STATISTICS	3,809	.4	3,958	.4
5,794	.8	7,105	.7	3600 ADMINISTRATIVE METHODS	12,808	1.2	13,674	1.5
18,741	2.5	48,317	4.4	3700 HEALTH PLANNING	40,138	3.7	38,579	4.1
218,111	29.5	463,869	42.5	372,423	34.4	242,813	25.9	
2,174	.3	4,522	.4	4100 MATERNAL AND CHILD HEALTH	5,943	.5	5,932	.6
51,856	7.0	54,478	5.0	4200 NUTRITION	57,945	5.4	60,937	6.5
19,096	2.6	24,450	2.2	4300 MENTAL HEALTH	64,080	5.9	65,935	7.0
7,866	1.1	34,353	3.1	4400 DENTAL HEALTH	11,863	1.1	11,308	1.2
3,631	.5	7,301	.7	4500 RADIATION AND ISOTOPES	4,431	.4	4,380	.5
1,480	.2	5,237	.5	4600 OCCUPATIONAL HEALTH	3,707	.3	5,572	.6
841	.1	10,377	1.0	4700 FOOD AND DRUG	2,202	.2	2,795	.3
87,653	11.8	260,980	23.9	4800 MEDICAL CARE	173,601	16.1	53,306	5.7
6,374	.9	7,816	.7	4900 HEALTH AND POPULATION DYNAMICS	7,340	.7	6,509	.7
37,140	5.0	54,355	5.0	5000 REHABILITATION	41,311	3.8	26,139	2.8
281,384	38.0	339,088	31.0	374,668	34.7	342,637	36.6	
14,256	1.9	26,037	2.4	6100 PUBLIC HEALTH	33,076	3.1	34,388	3.7
62,525	8.5	75,738	6.9	6200 MEDICINE	68,122	6.3	60,508	6.5
4,434	.6	29,812	2.7	6300 NURSING	44,719	4.1	46,692	5.0
175,881	23.8	171,865	15.8	6400 ENVIRONMENTAL SCIENCES	187,684	17.4	159,296	17.0
-	-	11,190	1.0	6500 VETERINARY MEDICINE	13,990	1.3	14,020	1.5
17,385	2.3	13,168	1.2	6600 DENTISTRY	14,882	1.4	15,169	1.6
6,903	.9	11,278	1.0	6700 BIOSTATISTICS	12,195	1.1	12,564	1.3
739,696	100.0	1,090,808	100.0	1,080,904	100.0	936,202	100.0	

\* LESS THAN .05 PERCENT

## VENEZUELA

## SUMMARY OF INVESTMENT

SOURCE OF FUNDS	TOTAL AMOUNT	*-----PERSONNEL-----*			*--DUTY--*	*---FELLOWSHIPS---*		*---SEMINARS---*	*SUPPLIES*	*--GRANTS--*			
		POSTS PROF.	LOCAL	STC MONTH	AMOUNT	TRAVEL AMOUNT	ACAD.	SHORT	AMOUNT	PART.	AMOUNT	EQUIPMENT	AND OTHER
	\$				\$	\$			\$	\$	\$	\$	
1969													
PAHO---PR	159,217	1	-	6	111,023	15,102	-	4	6,045	-	9,026	13,715	4,306
PM	1,038	-	-	-	965	17	-	-	-	-	-	56	-
PG	45,315	-	-	-	20,514	1,143	-	-	2,316	-	6,208	9,790	5,344
WHO---WR	289,684	5	-	12	119,621	7,831	18	18	139,386	-	4,140	16,325	2,381
WT	49,979	2	-	-	45,157	3,898	-	-	-	-	-	24	900
WS	152,540	9	1	10	99,653	3,688	-	2	1,186	-	-	41,398	6,615
WD	41,923	-	1	-	5,451	-	-	-	-	-	-	-	36,472
TOTAL	739,696	17	2	28	402,384	31,679	18	24	148,933	-	19,374	81,308	56,018
PER CENT OF TOTAL	100.0				54.4	4.3			20.1		2.6	11.0	7.6
1970													
PAHO---PR	251,518	2	-	22	174,352	14,109	6	11	42,178	-	2,796	7,198	10,885
PW	43,273	1	-	8	34,873	1,000	-	-	5,400	-	-	2,000	-
PG	60,866	-	-	-	16,215	373	-	-	3,668	-	2,327	20,878	17,405
WHO---WR	267,198	6	-	16	170,980	10,136	14	12	75,388	-	5,143	3,466	2,085
WT	67,325	2	-	-	61,128	3,960	-	-	1,152	-	-	185	900
WS	389,244	10	2	16	251,810	12,960	9	6	59,607	-	-	47,753	17,114
WD	11,384	-	1	-	5,674	-	-	-	-	-	-	-	5,710
TOTAL	1,090,808	21	3	62	715,032	42,538	29	29	187,393	-	10,266	81,480	54,099
PER CENT OF TOTAL	100.0				65.6	3.9			17.2		.9	7.5	4.9
1971													
PAHO---PR	236,125	1	-	24	161,660	11,258	8	11	49,933	-	304	4,021	8,749
PW	78,161	1	-	26	68,161	1,000	-	5	7,000	-	-	2,000	-
PG	40,642	-	-	-	15,190	553	-	-	2,455	-	77	2,075	20,292
WHO---WR	300,588	5	-	19	186,249	10,106	15	17	87,214	-	8,507	5,382	3,130
WT	93,233	2	-	-	67,642	4,309	2	-	19,891	-	-	491	900
WS	323,678	9	1	8	249,766	12,960	5	1	29,900	-	-	24,036	7,016
WD	8,477	-	1	-	8,477	-	-	-	-	-	-	-	-
TOTAL	1,080,904	18	2	77	757,345	40,186	30	34	196,393	-	8,888	38,005	40,087
PER CENT OF TOTAL	100.0				70.1	3.7			18.2		.8	3.5	3.7
1972													
PAHO---PR	264,469	2	-	16	181,234	12,997	8	11	50,372	-	4,214	6,884	8,768
PW	64,649	1	-	18	54,649	1,000	-	5	7,000	-	-	2,000	-
PG	28,803	-	-	-	16,320	354	-	-	1,875	-	116	1,940	8,198
WHO---WR	310,043	4	-	18	191,221	9,751	14	18	85,850	-	15,757	5,065	2,399
WT	84,933	1	-	6	57,142	2,809	2	1	23,591	-	-	491	900
WS	174,396	4	1	8	142,612	4,960	2	1	11,500	-	-	12,820	2,504
WD	8,909	-	1	-	8,909	-	-	-	-	-	-	-	-
TOTAL	936,202	12	2	66	652,087	31,871	26	36	180,188	-	20,087	29,200	22,769
PER CENT OF TOTAL	100.0				69.7	3.4			19.3		2.1	3.1	2.4
<p>PAHO PR-REGULAR BUDGET  PM-SPECIAL FUND FOR MALARIA ERADICATION  PW-COMMUNITY WATER SUPPLY  PG-GRANTS AND OTHER CONTRIBUTIONS  PI-INCAP AND OTHER RELATED GRANTS</p> <p>WHO WR-REGULAR BUDGET  WA-MALARIA ERADICATION SPECIAL ACCOUNT  WT-UNITED NATIONS TECHNICAL ASSISTANCE  WS-UNITED NATIONS SPECIAL FUND  WD-GRANTS AND OTHER FUNDS</p>													

DETAILVENEZUELA-0300, SMALLPOX ERADICATION

THE PURPOSE OF THIS PROJECT IS TO IMMUNIZE AT LEAST 20 PER CENT OF THE POPULATION EACH YEAR AGAINST SMALLPOX, WITH PREFERENCE GIVEN TO CHILDREN UNDER TEN YEARS OF AGE; TO STRENGTHEN THE EXISTING SERVICE OF EPIDEMIOLOGICAL VIGILANCE ON A NATIONAL SCOPE; TO PRODUCE VACCINE IN SUFFICIENT QUANTITY TO MEET THE NEEDS OF THE COUNTRY; AND TO TRAIN MEDICAL PERSONNEL IN THE TECHNIQUES OF APPLICATION OF THE VACCINE, DIAGNOSIS OF THE DISEASE, EPIDEMIOLOGICAL SURVEILLANCE, AND PREVENTIVE METHODS.

FUND	1969	1970	1971	1972	FUND	1969	1970	1971	1972
-----	-----	-----	-----	-----	-----	\$	\$	\$	\$
TOTAL					WR	13,974	-	-	-
SUPPLIES AND EQUIPMENT						13,974	-	-	-

VENEZUELA-2100, ENVIRONMENTAL SANITATION

THE OBJECTIVES OF THIS PROJECT ARE TO PLAN, DEVELOP, AND EVALUATE PROGRAMS IN THE DIFFERENT AREAS OF ENVIRONMENTAL SANITATION. AMONG THESE ACTIVITIES ARE PROVISION OF POTABLE WATER SUPPLIES, COLLECTION AND DISPOSAL OF SOLID WASTES, FOOD SANITATION, CONTROL OF INSECTS AND RODENTS, AND SANITATION OF SCHOOLS AND OTHER PUBLIC PLACES.

SPECIAL CONCERN HAS BEEN SHOWN BY THE GOVERNMENT REGARDING REFUSE AND GARBAGE COLLECTION AND DISPOSAL, AND A PROGRAM HAS BEEN INITIATED IN THE LARGEST CITIES, AS WELL AS IN THE MIDDLE-SIZED AND SMALL LOCALITIES, UNDER THE AREA OF RESPONSIBILITY OF THE MINISTRY OF HEALTH. IN THE FIELD OF INDUSTRIAL HYGIENE, A CONSIDERABLE PROBLEM EXISTS IN HAZARDS DUE TO INDISCRIMINATE USE OF HIGHLY TOXIC INSECTICIDES, ESPECIALLY IN AGRICULTURE, IN WHICH IT IS ESTIMATED THAT 40 PER CENT OF THE LABOR FORCE IS EMPLOYED. IN AIR POLLUTION, A SAMPLING NETWORK IS BEGINNING OPERATION AND IN TIME WILL PRODUCE BASIC DATA AS TO THE ACTUAL AND/OR POTENTIAL HAZARD IN THIS AREA.

VENEZUELA IS IN THE FOREFRONT IN PROVIDING WATER SUPPLY AND SEWERAGE FACILITIES FOR ITS PEOPLE. ALL OF THE URBAN POPULATION IS PROVIDED WITH WATER SUPPLY SERVICES (80 PER CENT BY HOUSE CONNECTIONS AND 20 PER CENT BY PUBLIC HYDRANTS). FIFTY-SIX PER CENT OF THE RURAL POPULATION IS PROVIDED WITH WATER SUPPLY SERVICES BY HOUSE CONNECTIONS OR PUBLIC HYDRANTS. THIRTY-ONE PER CENT OF THE POPULATION HAS SEWERAGE SYSTEM SERVICES (50 PER CENT URBAN AND 2 PER CENT RURAL).

TOTAL		1	8	10	6	TOTAL	PR	2,793	22,400	26,000	18,800
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CONSULTANT MONTHS	PR	1	8	10	6	PERSONNEL-CONSULTANTS FELLOWSHIPS		2,793	14,400	18,000	10,800
TOTAL		-	2	2	2			-	8,000	8,000	8,000
FELLOWSHIPS-ACADEMIC	PR	-	2	2	2						

VENEZUELA-2200, WATER SUPPLIES

IN 1969, 80 PER CENT OF THE URBAN POPULATION WAS PROVIDED WITH WATER THROUGH HOUSE CONNECTIONS, WHILE THE REST HAD WATER SERVED THROUGH PUBLIC FOUNTAINS. THE NATIONAL INSTITUTE OF SANITARY WORKS (INOS) HAS BUDGETED FOR 1970 THE AMOUNT OF \$150 MILLION FOR NEW CONSTRUCTION AND ACTUAL OPERATION OF THE SYSTEMS.

THE PURPOSE OF THIS PROJECT IS TO COLLABORATE WITH INOS IN THE IMPROVEMENT OF ITS ORGANIZATIONAL STRUCTURE AND ITS ADMINISTRATIVE AND MANAGERIAL POLICIES AND PRACTICES.

TOTAL		-	1	1	1	TOTAL	PW	-	43,273	78,161	64,649
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P-4 ADMIN. METHODS OFFICER .3578	PW	-	1	1	1	PERSONNEL-POSTS		-	20,473	21,361	22,249
TOTAL		-	8	26	18	PERSONNEL-CONSULTANTS		-	14,400	46,800	32,400
CONSULTANT MONTHS	PW	-	8	26	18	DUTY TRAVEL		-	1,000	1,000	1,000
TOTAL		-	-	5	5	COURSE COSTS		-	5,400	-	-
FELLOWSHIPS-SHORT TERM	PW	-	-	5	5	PUBLICATIONS		-	2,000	2,000	2,000
						FELLOWSHIPS		-	-	7,000	7,000

VENEZUELA-2300, AEDES AEGYPTI ERADICATION

AT PRESENT, THE ACTIVITIES OF THIS PROGRAM ARE RESTRICTED TO THE WESTERN PART OF THE COUNTRY AND TO THE AREAS BORDERING COLOMBIA. IT IS EXPECTED THAT IN THE NEAR FUTURE THE GOVERNMENT WILL PROVIDE THE NECESSARY RESOURCES AND FACILITIES TO IMPLEMENT A NATIONWIDE ERADICATION CAMPAIGN AGAINST AEDES AEGYPTI.

TOTAL		-	-	-	1	TOTAL	PR	-	3,600	7,200	22,337
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P-4 MEDICAL OFFICER .0595	PR	-	-	-	1	PERSONNEL-POSTS		-	-	-	20,837
TOTAL		-	2	4	-	PERSONNEL-CONSULTANTS		-	3,600	7,200	-
CONSULTANT MONTHS	PR	-	2	4	-	DUTY TRAVEL		-	-	-	1,500
						EST. GOVERNMENT CONTRIB.		( 182,000)	( 300,000)	( 378,000)	

VENEZUELA-2400, HOUSING AND URBANIZATION

HOUSING IS INCREASINGLY BEING RECOGNIZED AS MERELY ONE OF MANY COMPONENTS OF BASIC COMMUNITY FACILITIES. THE FIELD REQUIRES CLOSE COORDINATION WITH ALL OTHER ENTITIES ENGAGED IN DEVELOPMENT, AS WELL AS ADEQUATELY TRAINED PERSONNEL ACQUAINTED WITH CONTEMPORARY PLANNING TECHNIQUES AND CAPABLE OF INTEGRATING HOUSING, SERVICES, AND THE PERTINENT PHYSICAL PLANNING INTO COMPREHENSIVE DEVELOPMENT AND REHABILITATION SCHEMES.

THE PURPOSE OF THE PROJECT IS TO ADVISE ON ADVANCED INTEGRAL PLANNING AND IMPLEMENTATION OF PROGRAMS THROUGH PROMOTION AND DISSEMINATION OF MODERN PLANNING PRACTICES, WHICH PROVIDE FOR THE CORRECT RELATION BETWEEN HOME, WORK, AND SERVICES CONDUCTIVE TO SOCIAL AND ECONOMIC STABILITY. THE PROJECT ALSO FOSTERS AND ENGAGES IN THE FORMATION AND TRAINING OF STAFF IN ORDER TO PREPARE FOR THE GROWING NEED FOR SUCH PERSONNEL AND TO STIMULATE GROWTH AND INTEREST WITHIN THE DIFFERENT PROFESSIONS.

ONE OF THE MAIN OBJECTIVES OF THE PROJECT HAS BEEN TO ASSIST IN IMPROVING THE PLANNING OF HOUSING SCHEMES IN THE RURAL AREAS, AND GREAT ATTENTION IS BEING PAID TO THE TRAINING AND PREPARATION OF ENGINEERS, ARCHITECTS, AND AUXILIARY PERSONNEL WHO HAVE RESPONSIBILITIES IN THE PROGRAMS IN RURAL AREAS.

<u>FUND 1969 1970 1971 1972</u>					<u>FUND 1969 1970 1971 1972</u>						
TOTAL		-	-	2	1	TOTAL	WR	-	-	9,000	4,600
CONSULTANT MONTHS	WR	-	-	2	1	PERSONNEL-CONSULTANTS		-	-	3,600	1,800
TOTAL		-	-	2	2	FELLOWSHIPS		-	-	5,400	2,800
FELLOWSHIPS-ACADEMIC	WR	-	-	1	-						
FELLOWSHIPS-SHORT TERM	WR	-	-	1	2						

VENEZUELA-3100, CONSULTANT SERVICES IN HEALTH

WITH CONTINUING ECONOMIC DEVELOPMENT, VENEZUELA HAS MADE NOTABLE PROGRESS AGAINST SUCH DISEASES AS GASTRO-ENTERITIS, VENEREAL DISEASES, LEPROSY, RABIES, CHAGAS' DISEASE, SCHISTOSOMIASIS, AND OTHER COMMUNICABLE DISEASES. HOWEVER, OTHER HEALTH PROBLEMS ARE EMERGING, SUCH AS CANCER AND THE CARDIOVASCULAR DISORDERS.

THE PURPOSE OF THIS PROJECT IS TO COOPERATE WITH THE GOVERNMENT IN HEALTH PLANNING, AS PART OF THE SOCIOECONOMIC DEVELOPMENT PLAN, AND IN THE IMPLEMENTATION OF PROGRAMS TO IMPROVE THE QUALITY, COVERAGE, AND DISTRIBUTION OF RESOURCES.

<u>TOTAL</u>					<u>TOTAL</u>						
TOTAL		3	6	6	6	TOTAL	WR	104,131	44,200	44,200	45,600
CONSULTANT MONTHS	WR	3	6	6	6	PERSONNEL-CONSULTANTS		5,832	10,800	10,800	10,800
TOTAL		20	9	9	10	SUPPLIES AND EQUIPMENT		243	-	-	-
FELLOWSHIPS-ACADEMIC	WR	11	8	8	8	FELLOWSHIPS		98,056	33,400	33,400	34,800
FELLOWSHIPS-SHORT TERM	WR	9	1	1	2	EST. GOVERNMENT CONTRIB.			(4,150,000)	(4,150,000)	(4,150,000)

VENEZUELA-3300, LABORATORY SERVICES

THE PURPOSE OF THIS PROJECT IS TO COOPERATE WITH THE GOVERNMENT IN IMPROVING THE LABORATORY SERVICES, FIRST IN THE HEALTH REGIONS OF ZULIA, TACHIRA, AND ARAGUA, WITH PARTICULAR EMPHASIS ON THE DEVELOPMENT OF BACTERIOLOGICAL SECTIONS, LATER USING THE EXPERIENCE ACQUIRED IN ORGANIZING SERVICES FOR ALL THE STATES OF VENEZUELA TO PROVIDE BASIC EPIDEMIOLOGICAL DATA FOR THE PLANNING OF HEALTH ACTIVITIES.

THE PROJECT ALSO PROVIDES FOR THE STRENGTHENING OF THE ORGANIZATION OF THE DIVISION OF LABORATORY OF THE MINISTRY OF HEALTH AND SOCIAL WELFARE AT THE NATIONAL LEVEL AND FOR THE STANDARDIZATION OF TECHNIQUES AND PROCEDURES.

<u>TOTAL</u>					<u>TOTAL</u>						
TOTAL		1	1	-	-	TOTAL		21,146	24,000	4,600	4,600
P-4 LABORATORY ADVISER	WT	1	1	-	-	SUBTOTAL	PR	-	-	4,600	4,600
4.2145						PERSONNEL-CONSULTANTS		-	-	1,800	1,800
TOTAL		-	-	1	1	FELLOWSHIPS		-	-	2,800	2,800
CONSULTANT MONTHS	PR	-	-	1	1	SUBTOTAL	WT	21,146	24,000	-	-
TOTAL		-	-	2	2	PERSONNEL-POSTS		19,326	22,500	-	-
FELLOWSHIPS-SHORT TERM	PR	-	-	2	2	DUTY TRAVEL		1,820	1,500	-	-

VENEZUELA-3301, NATIONAL INSTITUTE OF HYGIENE

THE NATIONAL INSTITUTE OF HYGIENE IS RESPONSIBLE FOR THE PRODUCTION OF BIOLOGICALS, THE CONTROL OF FOOD AND DRUGS, AND THE PREPARATION OF REAGENTS AND CULTURE MEDIA.

THE PURPOSE OF THIS PROJECT IS TO COOPERATE IN STRENGTHENING AND IMPROVING THE ORGANIZATION AND PROGRAMS OF THE INSTITUTE. IT IS HOPED THAT BY 1972 THE INSTITUTE WILL PRODUCE SUFFICIENT BIOLOGICALS TO COVER THE REQUIREMENTS OF THE COUNTRY, ESPECIALLY DPT VACCINE AND TETANUS ANTITOXIN; THAT IT WILL CONSOLIDATE THE PROGRAMS OF FOOD CONTROL IN THE SIX HEALTH REGIONS; THAT IT WILL DELINEATE THE DISTRIBUTION OF PATHOGENIC FUNGI AND INSECT VECTORS OF DISEASE; AND THAT IT WILL COMPLETE ITS STAFFING REQUIREMENTS FOR PRODUCTION AND FOR VARIOUS LABORATORY SERVICES.

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VENEZUELA-3301, NATIONAL INSTITUTE OF HYGIENE . . . CONTINUED

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
								\$	\$	\$	\$
TOTAL		-	2	2	2	TOTAL	PR	-	9,200	7,800	7,800
CONSULTANT MONTHS	PR	-	2	2	2	PERSONNEL-CONSULTANTS		-	3,600	3,600	3,600
TOTAL		-	4	3	3	FELLOWSHIPS		-	5,600	4,200	4,200
FELLOWSHIPS-SHORT TERM	PR	-	4	3	3	EST. GOVERNMENT CONTRIB.			154,000	154,000	154,000

VENEZUELA-4200, NUTRITION

PROTEIN-CALORIE MALNUTRITION, COUPLED WITH GASTROENTERITIS AND RESPIRATORY DISEASES, CONSTITUTES ONE OF THE PRINCIPAL CAUSES OF DEATH IN THE PRESCHOOL AGE GROUP. APPROXIMATELY 1.8 PER CENT OF THE DEATHS IN THE AGE GROUP FIVE YEARS AND UNDER IN VENEZUELA ARE DUE TO "AVITAMINOSIS AND OTHER DEFICIENCY STATES." ANEMIAS ARE THE FIRST CAUSE OF MEDICAL CONSULTATIONS IN RURAL AREAS, AND NUTRITIONAL DISEASES ARE THE CAUSE OF 2.5 PER CENT OF HOSPITAL ADMISSIONS.

THE PURPOSE OF THIS PROJECT IS TO COOPERATE WITH THE MINISTRY OF HEALTH AND SOCIAL WELFARE AND THE NATIONAL INSTITUTE OF NUTRITION IN DEVELOPING A NUTRITION PROGRAM AS AN INTEGRAL PART OF THE HEALTH SERVICES. DURING THE NEXT TWO YEARS IT IS EXPECTED THAT NUTRITION ACTIVITIES WILL BECOME A PART OF THE SERVICES IN TEN HEALTH REGIONS, THAT THERE WILL BE AN INCREASE IN TRAINING ACTIVITIES, AND THAT TEACHING PROGRAMS IN NUTRITION WILL BE DEVELOPED IN THE SEVEN SCHOOLS OF MEDICINE OF THE COUNTRY.

		1	1	1	1	TOTAL		35,473	40,026	41,611	43,077
P-4 MEDICAL OFFICER 4.3117	WR	1	1	1	1	SUBTOTAL	PR	355	-	-	-
TOTAL		-	1	1	1	FELLOWSHIPS		355	-	-	-
CONSULTANT MONTHS	WR	-	1	1	1	SUBTOTAL	WR	35,118	40,026	41,611	43,077
TOTAL		5	4	4	4	PERSONNEL-POSTS		14,375	23,326	24,911	26,377
FELLOWSHIPS-ACADEMIC	PR	-	-	-	-	PERSONNEL-CONSULTANTS		-	1,800	1,800	1,800
FELLOWSHIPS-ACADEMIC	WR	5	3	3	3	DUTY TRAVEL		1,874	1,500	1,500	1,500
FELLOWSHIPS-SHORT TERM	WR	-	1	1	1	FELLOWSHIPS		18,869	13,400	13,400	13,400
						EST. GOVERNMENT CONTRIB.			20,000,000	25,000,000	30,000,000

VENEZUELA-4300, MENTAL HEALTH

THERE ARE ABOUT 4,000 HOSPITAL BEDS AVAILABLE AND 5,400 HOSPITALIZED PATIENTS IN THE PSYCHIATRIC HOSPITALS OF THE COUNTRY. IT IS URGENT TO INTENSIFY THE PREVENTIVE WORK IN THE VARIOUS COMMUNITIES; TO REINFORCE THE MOVEMENT TOWARD INTEGRATION OF PSYCHIATRIC UNITS INTO GENERAL HOSPITALS; AND TO INCREASE AMBULATORY SERVICES.

AT PRESENT THERE ARE 112 NURSES WORKING IN MENTAL HEALTH INSTITUTIONS, 37 OF THEM WITH SPECIALIZED TRAINING. THERE ARE ABOUT 950 NURSING AUXILIARIES IN PSYCHIATRIC SERVICES, WITH 380 OF THEM HAVING SOME TRAINING IN SERVICES FOR THE MENTALLY ILL.

THE PURPOSE OF THIS PROGRAM IS TO HELP THE GOVERNMENT IN DEVELOPING A MODERN SYSTEM OF MENTAL HEALTH. EMPHASIS IS PLACED ON THE UPGRADING OF THE DELIVERY OF SERVICES, PARTICULARLY IN THE FIELD OF PSYCHIATRIC NURSING. ASSISTANCE IS BEING PROVIDED FOR THE ORGANIZATION OF PSYCHIATRIC NURSING SERVICES AND FOR THE TRAINING OF GRADUATE AS WELL AS AUXILIARY NURSES.

		1	1	1	-	TOTAL		17,186	24,000	24,000	-
P-3 NURSE 4.0968	WT	1	1	1	-	PERSONNEL-POSTS		16,160	22,500	22,500	-
						DUTY TRAVEL		1,026	1,500	1,500	-

VENEZUELA-4301, OCCUPATIONAL THERAPY AND MENTAL HEALTH

THE SERVICES FOR REHABILITATION AND OCCUPATIONAL THERAPY ARE DEFICIENT BOTH IN QUALITY AND QUANTITY IN THE MENTAL HOSPITALS IN VENEZUELA FOR THE APPROXIMATELY 2,800 PATIENTS WITH CHRONIC MENTAL ILLNESS, AND NO PLAN IS IN OPERATION FOR THE RELOCATION OF EX-MENTAL PATIENTS IN THE COMMUNITY AND IN INDUSTRY. THE PURPOSE OF THIS PROJECT IS TO COOPERATE IN THE DEVELOPMENT OF OCCUPATIONAL THERAPY SERVICES IN 12 PSYCHIATRIC HOSPITALS AND IN THE TRAINING OF OCCUPATIONAL THERAPISTS FOR WORKING WITH MENTAL PATIENTS.

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VENEZUELA-4802, CENTER ON HOSPITAL MAINTENANCE AND ENGINEERING

PUBLIC HEALTH FACILITIES IN VENEZUELA HAVE EXPANDED RAPIDLY IN RECENT YEARS. THE MINISTRY OF HEALTH AND WELFARE'S CAPITAL INVESTMENT NOW EXCEEDS \$290 MILLION. HOWEVER, THE LACK OF PROPER OPERATION AND MAINTENANCE OF THE EXISTING FACILITIES COULD AFFECT NOT ONLY THE INVESTMENT BUT ALSO THE QUALITY OF MEDICAL CARE.

WITH THE ASSISTANCE OF THE SPECIAL FUND OF THE UNITED NATIONS DEVELOPMENT PROGRAM, THE ORGANIZATION, AND JLO, THE MINISTRY OF HEALTH AND SOCIAL WELFARE IS ESTABLISHING A CENTER FOR HOSPITAL MAINTENANCE AND ENGINEERING.

THE PURPOSE OF THE CENTER IS TO ENSURE MAXIMUM EFFECTIVE UTILIZATION OF HEALTH CARE FACILITIES, EQUIPMENT, AND SERVICES THROUGH ADVISORY SERVICES, TRAINING, AND RESEARCH.

					FUND	1969	1970	1971	1972
						\$	\$	\$	\$
TOTAL		5	5	4	TOTAL	13,004	194,516	118,666	-
P-5 PROJECT MANAGER 4.3452	WS	1	1	1	SUBTOTAL	4,286	-	-	-
P-4 ADMIN. METHODS OFFICER 4.3475	WS	1	1	1	PERSONNEL-CONSULTANTS	4,286	-	-	-
P-4 ENGINEER 4.3476	WS	1	1	1	SUBTOTAL	8,718	194,516	118,666	-
P-4 MAINTENANCE ENGINEER 4.3474	WS	1	1	-	PERSONNEL-POSTS	-	129,500	85,866	-
P-4 TRAINING OFFICER 4.3477	WS	1	1	-	PERSONNEL-CONSULTANTS	7,734	13,700	-	-
TOTAL		7	6	-	DUTY TRAVEL	-	7,500	6,000	-
CONSULTANT MONTHS	PR	3	-	-	SUPPLIES AND EQUIPMENT	-	16,000	4,000	-
CONSULTANT MONTHS	WS	4	6	-	FELLOWSHIPS	-	18,400	18,400	-
TOTAL		-	3	3	MISCELLANEOUS	984	9,416	4,400	-
FELLOWSHIPS-ACADEMIC	WS	-	3	3	EST. GOVERNMENT CONTRIB.		( 520,497)(	520,497)	

VENEZUELA-5000, REHABILITATION

THE MINISTRY OF HEALTH AND SOCIAL WELFARE HAS PROVIDED SERVICES IN PHYSICAL MEDICINE AND REHABILITATION IN SIX STATES. ILLUSTRATIVE OF THE DEMAND FOR THESE SERVICES IS THAT IN 1968, 6,200 PATIENTS VISITED THE SECTIONS ON PHYSIOTHERAPY.

ABOUT 25 PER CENT OF THE PATIENTS NEED OCCUPATIONAL THERAPY IN ORDER FOR THE PHYSICAL REHABILITATION TO SUCCEED, BUT SERVICES DO NOT EXIST IN THE REGIONS DUE TO LACK OF PERSONNEL AND EQUIPMENT. THE SITUATION WITH REGARD TO THE PRODUCTION OF ORTHOPEDIC AND PROSTHETIC APPLIANCES IS SIMILAR. ONLY ONE SHOP FOR ORTHOPEDIC APPLIANCES EXISTS, AND IT IS UNABLE TO MEET DEMANDS OF THE REGIONAL SERVICES. TEN HOSPITALS ARE DEVELOPING REHABILITATION SERVICES BUT ARE BEING HAMPERED BY LACK OF TRAINED PERSONNEL.

THE PURPOSE OF THIS PROJECT IS TO COOPERATE IN DEVELOPING THE COURSE ON PHYSIOTHERAPY AND OCCUPATIONAL THERAPY AT THE SCHOOL OF PUBLIC HEALTH IN CARACAS; IN ORGANIZING DEPARTMENTS OF OCCUPATIONAL THERAPY AND REGIONAL REHABILITATION SERVICES; IN INTRODUCING OCCUPATIONAL THERAPY INTO MENTAL HEALTH SERVICES; AND IN PLANNING AND ORGANIZING A MODEL SHOP FOR THE PRODUCTION OF PROSTHETIC AND ORTHOPEDIC APPLIANCES IN THE REGIONAL REHABILITATIONS SERVICES.

					TOTAL	WR	34,285	51,441	38,909	23,771
TOTAL		2	3	2	TOTAL	31,412	44,241	34,109	19,971	
P-3 OCCUPATIONAL THERAPIST 4.0970	WR	1	1	1	PERSONNEL-POSTS	-	3,000	2,000	1,000	
P-3 PHYSIOTHERAPIST 4.0969	WR	1	1	-	DUTY TRAVEL	2,873	4,200	2,800	2,800	
P-2 PROSTHETICS TECHNICIAN 4.3419 4.3419	WR	-	1	1	FELLOWSHIPS					
TOTAL		2	3	2						
FELLOWSHIPS-SHORT TERM	WR	2	3	2						

VENEZUELA-6100, SCHOOL OF PUBLIC HEALTH

THE PURPOSE OF THIS PROJECT IS TO STRENGTHEN THE ORGANIZATION OF THE SCHOOL OF PUBLIC HEALTH AT THE CENTRAL UNIVERSITY OF VENEZUELA; TO DEVELOP ITS DEPARTMENTS AND DELINEATE ITS FUNCTIONS; AND TO ASSIST IN THE PREPARATION OF TEACHING TEAMS AND THE PLANNING OF TEACHING PROGRAMS. IN ADDITION, THE PROJECT UNDERTAKES TO DESIGN AND DEVELOP FIELD PRACTICE AREAS FOR THE GRADUATES OF THE SCHOOL AND TO COORDINATE THE ACTIVITIES OF THE SCHOOL WITH THE DEPARTMENTS OF PREVENTIVE AND SOCIAL MEDICINE IN THE VARIOUS MEDICAL SCHOOLS OF THE COUNTRY, AS WELL AS WITH OTHER PUBLIC INSTITUTIONS.

					TOTAL	WR	10,208	20,945	26,610	29,230
TOTAL		1	1	1	TOTAL	6,374	14,045	19,710	22,330	
P-4 MEDICAL OFFICER 4.1092	WR	1	1	1	PERSONNEL-POSTS	516	1,500	1,500	1,500	
TOTAL		2	2	2	DUTY TRAVEL	3,318	5,400	5,400	5,400	
FELLOWSHIPS-ACADEMIC	WR	-	1	1	FELLOWSHIPS					
FELLOWSHIPS-SHORT TERM	WR	2	1	1	EST. GOVERNMENT CONTRIB.		( 100,000)(	100,000)	100,000)	

VENEZUELA-6200, MEDICAL EDUCATION

AT PRESENT THERE ARE SEVEN MEDICAL SCHOOLS IN SIX UNIVERSITIES IN VENEZUELA. THERE IS A VERY ACTIVE ASSOCIATION OF MEDICAL SCHOOLS WHICH IS ASSISTING IN ESTABLISHING AND COORDINATING THE CURRICULA, TEACHING METHODS, AND OTHER ASPECTS OF THE DEVELOPMENT OF NEW PLANS.

THE PURPOSE OF THE PROJECT IS TO COLLABORATE WITH THE VENEZUELAN ASSOCIATION OF MEDICAL SCHOOLS AND WITH THE INDIVIDUAL MEDICAL SCHOOLS IN TAKING MEASURES TO STRENGTHEN MEDICAL EDUCATION PROGRAMS, INCLUDING A REVIEW OF CURRICULA AND TEACHING METHODS.

<u>FUND 1969 1970 1971 1972</u>					<u>FUND 1969 1970 1971 1972</u>					
<u>-----</u>					<u>-----</u>					
					<u>\$ \$ \$ \$</u>					
TOTAL		1	1	-	-	TOTAL	37,338	55,354	36,181	23,600
P-4 MEDICAL EDUCATOR .0971	PR	1	1	-	-	SUBTOTAL	PR 24,734	42,773	23,600	23,600
TOTAL		-	4	4	4	PERSONNEL-POSTS	18,201	20,473	-	-
CONSULTANT MONTHS	PR	-	4	4	4	PERSONNEL-CONSULTANTS	-	7,200	7,200	7,200
TOTAL		8	6	8	8	DUTY TRAVEL	2,435	1,500	-	-
FELLOWSHIPS-ACADEMIC	PR	-	2	2	2	FELLOWSHIPS	4,098	13,600	16,400	16,400
FELLOWSHIPS-ACADEMIC	WR	1	-	-	-	SUBTOTAL	PG 2,793	12,581	12,581	-
FELLOWSHIPS-SHORT TERM	PR	3	4	6	6	SEMINAR COSTS	2,793	-	-	-
FELLOWSHIPS-SHORT TERM	WR	4	-	-	-	GRANTS	-	12,581	12,581	-
						SUBTOTAL	WR 9,811	-	-	-
						FELLOWSHIPS	9,811	-	-	-

VENEZUELA-6300, NURSING EDUCATION

IN VENEZUELA NURSES ARE TRAINED IN 16 SCHOOLS: 9 UNDER THE MINISTRY OF HEALTH, 5 IN PRIVATE SCHOOLS, AND 2 IN UNIVERSITIES. ENTRANCE REQUIREMENTS VARY FROM ONE YEAR TO GRADUATION FROM HIGH SCHOOL. THE PRINCIPAL PROBLEMS IN TRAINING ARE THE SMALL NUMBER OF ADEQUATELY PREPARED INSTRUCTORS, OUTDATED PLACES OF STUDY AND METHODS OF TEACHING, AND INADEQUATE PRACTICE AREAS.

THE PURPOSE OF THIS PROJECT IS TO ASSIST IN THE ESTABLISHMENT OF A SYSTEM OF NURSING EDUCATION TAILORED TO THE SOCIOECONOMIC AND EDUCATIONAL REQUIREMENTS OF THE COUNTRY; IN THE PREPARATION OF AN ADEQUATE NUMBER OF NURSE-PROFESSORS FOR BOTH UNIVERSITY AND SUBUNIVERSITY SCHOOLS; IN THE PREPARATION OF REGULAR COURSES AND CONTINUED EDUCATION PROGRAMS FOR NURSING AUXILIARIES; AND IN THE IMPROVEMENT OF PRACTICE AREAS FOR THE STUDENTS.

<u>TOTAL</u>					<u>TOTAL</u>					
<u>-----</u>					<u>-----</u>					
					<u>PR</u>					
TOTAL		-	1	1	1	TOTAL	3,711	28,088	40,763	42,123
P-3 NURSE .3515	PR	-	1	1	1	PERSONNEL-POSTS	-	13,588	17,863	19,223
TOTAL		1	2	3	3	PERSONNEL-CONSULTANTS	3,058	3,600	5,400	5,400
CONSULTANT MONTHS	PR	1	2	3	3	DUTY TRAVEL	-	1,500	1,500	1,500
TOTAL		1	3	4	4	FELLOWSHIPS	653	9,400	16,000	16,000
FELLOWSHIPS-ACADEMIC	PR	-	2	4	4					
FELLOWSHIPS-SHORT TERM	PR	1	1	-	-					

VENEZUELA-6400, SANITARY ENGINEERING EDUCATION

IN ORDER TO IMPROVE THE TEACHING OF SANITARY ENGINEERING IN VENEZUELA, FOUR UNIVERSITIES HAVE JOINED IN A PROJECT SUPPORTED BY THE GOVERNMENT AND THE UNITED NATIONS DEVELOPMENT PROGRAM, SPECIAL FUND SECTOR. GOVERNMENT AGENCIES WITH SUBSTANTIAL INTEREST IN THE PROJECT ARE THE MINISTRY OF EDUCATION, THE MINISTRY OF HEALTH AND SOCIAL ASSISTANCE, AND THE NATIONAL INSTITUTE OF WATER SUPPLY AND SEWERAGE (INOS). THE WORLD HEALTH ORGANIZATION IS THE EXECUTING AGENCY AND PROVIDES OVERALL GUIDANCE FOR THE PROJECT.

THE OBJECTIVES OF THIS PROJECT ARE 1) TO IMPROVE THE TEACHING OF SANITARY ENGINEERING AT THE UNDERGRADUATE LEVEL THROUGH THE MANDATORY INCORPORATION OF WATER SUPPLY AND SEWERAGE COURSES (INCLUDING LABORATORY INSTRUCTION IN BIOLOGY AND CHEMISTRY) IN THE CIVIL ENGINEERING CURRICULUM OF ALL FOUR UNIVERSITIES; 2) TO ESTABLISH A GRADUATE PROGRAM IN SANITARY ENGINEERING AT THE CENTRAL UNIVERSITY; 3) TO PROVIDE CONTINUING PROFESSIONAL EDUCATION AND SPECIAL TECHNICAL TRAINING COURSES ESPECIALLY DESIGNED TO MEET THE NEEDS OF THE COLLABORATING GOVERNMENT AGENCIES; AND 4) TO CONDUCT INVESTIGATIONS AND RESEARCH OF PRACTICAL VALUE IN IMPROVING WATER SUPPLY, SEWERAGE, AND OTHER ENVIRONMENTAL SANITATION FACILITIES AND SERVICES.

IT IS EXPECTED THAT THIS PROJECT WILL BE SUCCEEDED BY ONE FOR THE DEVELOPMENT OF A RESEARCH CENTER IN SANITARY ENGINEERING.

. . . CONTINUED



## VENEZUELA-6600, DENTAL EDUCATION

THERE ARE THREE FACULTIES OF DENTISTRY IN THE COUNTRY ADMITTING ABOUT 480 NEW STUDENTS EACH YEAR. ABOUT HALF OF THE LATTER GRADUATE AFTER FIVE YEARS. FOUR RECENT NATIONAL SEMINARS HAVE POINTED OUT THE NEED FOR REVISING THE CURRICULUM, FOR DEFINING TEACHING OBJECTIVES, AND FOR FORMING A PROFESSIONAL CADRE TO MEET THE REQUIREMENTS OF THE COUNTRY.

THE PURPOSE OF THIS PROJECT IS TO ASSIST WITH THE CURRICULUM REVISION AND TO IMPROVE TEACHING METHODS AND THE TRAINING OF PROFESSORS OF DENTISTRY AND DENTAL PRACTITIONERS.

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
								\$	\$	\$	\$
TOTAL		8	3	3	3	TOTAL	WR	16,155	12,200	13,600	13,600
CONSULTANT MONTHS	WR	8	3	3	3	PERSONNEL-CONSULTANTS		14,908	5,400	5,400	5,400
TOTAL		1	3	4	4	SUPPLIES AND EQUIPMENT		345	-	-	-
FELLOWSHIPS-ACADEMIC	WR	-	1	1	1	FELLOWSHIPS		902	6,800	8,200	8,200
FELLOWSHIPS-SHORT TERM	WR	1	2	3	3						

VENEZUELA  
PORTIONS OF INTERCOUNTRY PROJECTS

	1969	1970	1971	1972
	\$	\$	\$	\$
TOTAL AMRO PROJECTS	222,360	272,987	284,467	327,411
0101 EPIDEMIOLOGY -- ZONE I	-	2,957	3,425	3,965
0111 EPIDEMIOLOGICAL SURVEILLANCE PROGRAM	-	-	-	1,401
0200 MALARIA TECHNICAL ADVISORY SERVICES	2,588	2,250	2,388	2,573
0201 MALARIA ERADICATION - ZONE I	-	818	1,182	1,515
0400 TUBERCULOSIS CONTROL	358	1,288	2,708	4,354
0402 SEMINAR ON TUBERCULOSIS CONTROL	-	-	2,014	-
0500 LEPROSY CONTROL	815	1,173	1,318	1,512
0507 COURSES ON REHAB AND PREVENTION OF DEFORMITIES (LEPROSY)	-	-	-	5,499
0600 VENEREAL DISEASE CONTROL	97	408	144	432
0700 PAN AMERICAN ZOONOSES CENTER - RAMOS MEJIA	19,350	21,259	21,188	23,410
0708 RABIES CONTROL	-	-	-	675
0713 SEMINAR ON ANIMAL TUBERCULOSIS	-	2,140	-	-
0714 SYMPOSIUM ON THE HEALTH ASPECTS OF THE INTERNAL MOVEMENT OF ANIMALS	-	-	-	1,025
0716 SEMINAR ON RABIES VACCINE PRODUCTION AND CONTROL	1,012	-	-	-
0718 SEMINAR ON EPIDEMIOLOGY OF THE ZOONOSES	-	-	-	1,465
0900 PLAGUE CONTROL	1,276	1,080	1,080	2,631
1000 PARASITIC DISEASES	6,339	6,669	6,239	6,873
1007 SCHISTOSOMIASIS	183	435	1,220	-
1008 CHAGAS' DISEASE	223	214	252	540
1010 STUDY GROUP ON CHAGAS' DISEASE	2,528	-	-	-
2100 ENVIRONMENTAL SANITATION	133	351	351	599
2101 SANITARY ENGINEERING -- ZONE I	5,678	5,653	5,884	6,118
2112 AIR POLLUTION CONFERENCE	163	-	-	-
2114 PAN AMERICAN SANITARY ENGINEERING CENTER	4,780	8,230	10,425	11,143
2116 CONFERENCE ON INTEGRATION OF ENVIRONMENTAL PROGRAMS	-	-	-	1,089
2117 CONFERENCE ON ENVIRONMENTAL RESEARCH	-	-	2,560	-
2200 WATER SUPPLIES	7,604	3,492	5,480	5,816
2213 STUDIES AND INVESTIGATIONS OF WATER RESOURCES	486	1,040	1,377	1,377
2215 APPLIED RESEARCH ON WATER SUPPLIES	578	-	250	500
2220 PUBLIC SERVICES ADMINISTRATION	-	7,921	8,473	9,073
2222 SEMINAR ON LOANS & PROJECT DEVELOPMENT	-	-	-	1,970
2223 SEMINARS ON PUBLIC SERVICES ADMINISTRATION	-	-	-	466
2224 CONFERENCE ON RECENT ADVANCES IN WATER TREATMENT	-	-	-	3,435
2300 Aedes Aegypti ERADICATION	5,539	7,123	6,526	7,543
2301 Aedes Aegypti ERADICATION -- CARIBBEAN	10,313	15,225	15,870	15,870
2400 PUBLIC HEALTH ASPECTS OF HOUSING AND URBANIZATION	-	209	218	227
3110 COORDINATION OF INTERNATIONAL RESEARCH	2,013	1,242	1,360	1,966
3124 APPLICATION OF DATA PROCESSING TO HEALTH ADMINISTRATION	403	-	-	-
3126 OPERATIONS RESEARCH	-	2,553	2,553	2,553
3129 RESEARCH TRAINING IN BIOMEDICAL SCIENCES	-	1,696	1,696	848
3130 CONFERENCE ON MYCOLOGY	-	1,127	-	-
3200 NURSING SERVICES	243	861	918	1,199
3201 NURSING -- ZONE I	4,138	4,421	4,580	4,737
3210 HOSPITAL NURSING SERVICES	24	928	1,136	1,201

## VENEZUELA - PORTIONS OF INTERCOUNTRY PROJECTS . . . CONTINUED

3211	SEMINAR ON PLANNING FOR NURSING	-	-	-	1,500
3300	LABORATORY SERVICES	423	494	514	514
3310	CONFERENCE ON VIRAL AND RICKETTSIAL VACCINES	-	1,405	-	-
3311	TRAINING LABORATORY PERSONNEL	-	798	623	686
3400	HEALTH EDUCATION	57	248	372	372
3407	COMMUNITY DEVELOPMENT TRAINING CENTER	1,223	1,116	1,210	1,185
3408	CONFERENCE ON POSTGRADUATE TRAINING IN HEALTH EDUCATION	2,501	-	-	-
3409	STUDY GROUP ON HEALTH EDUCATION AND PLANNING	1,056	-	-	-
3410	TRAINING OF TEACHERS IN HEALTH EDUCATION	-	2,170	1,542	1,542
3500	HEALTH STATISTICS	14	-	349	306
3501	HEALTH STATISTICS -- ZONE I	2,686	4,108	5,054	5,339
3515	CENTER FOR TRAINING IN USE OF COMPUTERS IN HEALTH STATISTICS	-	-	360	360
3516	REGIONAL SEMINAR ON DATA PROCESSING	-	818	-	-
3600	ADMINISTRATIVE METHODS AND PRACTICES IN PUBLIC HEALTH	1,635	1,576	1,612	2,272
3601	ADMINISTRATIVE METHODS AND PRACTICES - ZONE I	4,159	3,729	4,153	4,309
3607	MANAGEMENT OF HEALTH SERVICES	-	-	5,243	5,243
3700	HEALTH PLANNING	2,037	4,076	3,794	3,960
3701	HEALTH PLANNING AND ORGANIZATION - ZONE I	3,313	3,729	4,100	4,247
3715	PAN AMERICAN PROGRAM FOR HEALTH PLANNING	13,391	40,512	32,244	30,372
4100	MATERNAL AND CHILD HEALTH	63	399	436	1,443
4108	CLINICAL AND SOCIAL PEDIATRICS	774	1,335	1,335	1,335
4115	NURSING-MIDWIFERY EDUCATION	609	-	-	-
4116	FACULTY TRAINING IN MATERNAL AND CHILD HEALTH	-	-	2,262	-
4117	STAFFING MATERNAL AND CHILD HEALTH SERVICES	-	286	286	-
4118	STUDY GROUP ON GUIDE FOR NURSING-MIDWIFERY SERVICES	-	-	-	1,266
4119	MATERNAL AND CHILD HEALTH FELLOWSHIPS	-	1,656	708	885
4200	NUTRITION ADVISORY SERVICES	248	378	574	585
4201	NUTRITION ADVISORY SERVICES - ZONE I	3,192	2,942	3,384	4,232
4203	INSTITUTE OF NUTRITION OF CENTRAL AMERICA AND PANAMA	8,693	7,106	6,971	7,350
4211	RESEARCH IN PROTEIN-CALORIE MALNUTRITION	-	-	268	268
4212	RESEARCH IN NUTRITION ANEMIAS	42	-	-	-
4218	LATIN AMERICAN NUTRITION SOCIETY	17	-	-	-
4221	SEMINAR ON NUTRITION IN FOOD AND HEALTH POLICIES	143	-	199	199
4223	NUTRITION EDUCATION MATERIAL	779	-	-	-
4225	GRADUATE COURSE IN PUBLIC HEALTH NUTRITION	1,923	2,853	3,148	3,122
4228	CONFERENCE ON ENDEMIC GOITER CONTROL	51	-	-	-
4230	NUTRITION TRAINING	1,295	1,173	1,218	1,532
4233	NUTRITION TEACHING IN MEDICAL SCHOOLS	-	-	572	572
4300	MENTAL HEALTH	417	450	900	-
4311	STUDY GROUP ON ADM. OF PSYCHIATRIC & MENTAL HEALTH SERVICES	1,493	-	-	-
4312	COURSES IN COMMUNITY PSYCHIATRY	-	-	-	1,110
4313	PSYCHIATRIC NURSING	-	-	-	9,333
4314	EPIDEMIOLOGICAL STUDY ON EPILEPSY	-	-	2,380	2,380
4315	STUDY GROUP ON TRAINING PSYCHIATRISTS	-	-	-	612
4400	DENTAL HEALTH	627	549	549	924
4409	FLUORIDATION	3,740	3,550	3,281	3,177
4410	LABORATORY FOR CONTROL OF DENTAL PRODUCTS	-	-	511	1,022
4411	HUMAN AND MATERIAL RESOURCES IN DENTISTRY	1,759	1,059	1,122	1,185
4500	HEALTH ASPECTS OF RADIATION	1,049	5,800	2,900	869
4507	RADIATION HEALTH PROTECTION	1,381	1,301	1,331	1,361
4509	RADIATION SURVEILLANCE	15	200	200	200
4511	STUDY GROUP ON RADIATION PROTECTION	1,186	-	-	-
4514	NUCLEAR MEDICINE	-	-	-	1,950
4700	FOOD AND DRUG CONTROL	841	894	928	961
4708	FOOD HYGIENE TRAINING CENTER	-	-	1,274	1,834
4711	FOOD AND DRUG CONTROL SEMINAR	-	1,483	-	-
4800	MEDICAL CARE SERVICES	1,537	835	1,161	1,182
4801	MEDICAL CARE SERVICES (ZONE I)	-	-	1,630	3,390
4810	CHRONIC DISEASES	1,006	1,239	1,293	1,346
4813	HOSPITAL PLANNING AND ADMINISTRATION	11,599	17,086	2,371	2,412
4815	TRAINING FOR MEDICAL CARE AND HOSPITAL ADMINISTRATION	7,538	198	1,102	1,286
4816	PROGRESSIVE PATIENT CARE	11,886	2,020	-	-
4819	SEMINAR ON CANCER REGISTRATION	636	-	-	-
4900	HEALTH AND POPULATION DYNAMICS	2,189	4,898	4,510	3,453
4901	HEALTH AND POPULATION DYNAMICS -- ZONE I	2,732	2,918	2,830	3,056
5000	REHABILITATION	739	1,669	2,402	2,368
5007	TEACHING OF PHYSIOTHERAPY	2,116	-	-	-
5008	SEMINAR ON REHABILITATION	-	1,245	-	-
6000	MEDICAL EDUCATION - TEXTBOOKS AND TEACHING	16,741	7,897	7,896	9,478
6100	SCHOOLS OF PUBLIC HEALTH	3,082	5,092	4,495	5,158
6107	SEMINARS ON SCHOOLS OF PUBLIC HEALTH	966	-	1,971	-
6200	MEDICAL EDUCATION	1,688	1,517	1,464	1,508
6210	TEACHING METHODS AND ADMIN ORGANIZATION OF MED SCHS	2,273	4,437	4,953	5,172
6214	FACULTY TRAINING FOR MEDICAL SCHOOLS	-	1,770	-	-
6216	PREVENTIVE MEDICINE EDUCATION	2,872	2,124	1,716	1,788

## VENEZUELA - PORTIONS OF INTERCOUNTRY PROJECTS . . . CONTINUED

6220	CONFERENCE ON HEALTH MANPOWER AND MEDICAL EDUCATION	1,272	-	-	-
6221	LIBRARY OF MEDICINE	-	-	7,214	9,486
6222	SEMINAR ON TEACHING PREVENTIVE AND SOCIAL MEDICINE	-	959	-	-
6223	TEACHING OF BEHAVIORAL SCIENCES	341	528	7,528	7,528
6224	FACULTY AND RESEARCH TRAINING CENTERS	-	1,152	911	911
6225	SURVEY OF FELLOWSHIP PROGRAMS	-	-	259	-
6226	COMMUNITY-CENTERED RESEARCH IN MEDICAL EDUCATION	-	-	-	1,037
6300	NURSING EDUCATION	723	294	294	462
6317	SEMINAR ON NURSING EDUCATION	-	-	1,967	1,967
6319	TRAINING OF NURSING AUXILIARIES	-	1,430	1,695	2,140
6400	SANITARY ENGINEERING EDUCATION	2,482	2,150	2,170	2,255
6500	VETERINARY MEDICINE EDUCATION	-	390	390	420
6600	DENTAL EDUCATION	715	322	636	653
6608	TRAINING OF AUXILIARY DENTAL PERSONNEL	165	296	296	566
6609	LATIN AMERICAN ASSOCIATION OF DENTAL SCHOOLS	350	350	350	350
6700	BIOSTATISTICS EDUCATION	900	3,060	3,060	3,060
6707	LATIN AMERICAN CENTER FOR THE CLASSIFICATION OF DISEASES	2,201	2,528	2,966	3,034
6708	TRAINING PROGRAM IN HOSPITAL STATISTICS	2,462	3,827	4,215	4,423
6709	RESEARCH TRAINING PROGRAMS IN HEALTH AND POPULATION	1,453	-	-	-

## VENEZUELA

## SUMMARY OF INVESTMENTS BY SOURCE OF FUNDS

SOURCE OF FUNDS	*-----COUNTRY PROJECTS-----*				*-----PORTIONS OF INTER-COUNTRY PROJECTS-----*			
	1969	1970	1971	1972	1969	1970	1971	1972
TOTAL FUNDS	517,336	817,821	796,437	608,791	222,360	272,987	284,467	327,411
PR PAHO REGULAR	37,619	118,561	199,963	119,260	121,598	132,957	126,162	145,209
PM PAHO SPECIAL MALARIA	-	-	-	-	1,038	-	-	-
PW PAHO COMMUNITY WATER SUPPLY	-	43,273	78,161	64,649	-	-	-	-
PG PAHO GRANTS & OTHER CONTRIB.	2,793	27,476	12,581	-	42,522	33,390	28,061	28,803
WR WHO REGULAR	256,475	216,782	231,418	216,058	33,209	50,416	69,170	93,985
WT WHO TECHNICAL ASSISTANCE	38,332	48,000	60,800	52,500	11,647	19,325	32,433	32,433
WS UNITED NATIONS SPECIAL FUND	140,305	352,460	295,162	147,552	12,235	36,784	28,516	26,844
WD WHO GRANTS & OTHER FUNDS	41,812	11,269	8,352	8,772	111	115	125	137

SOURCE OF FUNDS	*-----TOTAL ALL PROJECTS-----*			
	1969	1970	1971	1972
TOTAL FUNDS	779,696	1,090,808	1,080,904	936,202
PR PAHO REGULAR	159,217	251,518	236,125	264,469
PM PAHO SPECIAL MALARIA	1,038	-	-	-
PW PAHO COMMUNITY WATER SUPPLY	-	43,273	78,161	64,649
PG PAHO GRANTS & OTHER CONTRIB.	45,315	60,866	40,642	28,803
WR WHO REGULAR	289,684	267,198	300,488	310,043
WT WHO TECHNICAL ASSISTANCE	49,979	67,325	93,233	84,933
WS UNITED NATIONS SPECIAL FUND	152,540	389,244	323,678	174,396
WD WHO GRANTS & OTHER FUNDS	41,923	11,384	8,477	8,909



## WEST INDIES

## PROGRAM BUDGET

1 9 6 9		1 9 7 0			1 9 7 1		1 9 7 2	
AMOUNT	PERCENT	AMOUNT	PERCENT		AMOUNT	PERCENT	AMOUNT	PERCENT
\$		\$			\$		\$	
174,645	39.2	171,137	34.4	I. PROTECTION OF HEALTH	202,516	31.8	212,047	31.9
17,148	3.9	20,434	4.2	A. COMMUNICABLE DISEASES	22,824	3.6	26,557	3.9
-	-	2,957	.6	0100 GENERAL	3,425	.5	5,365	.8
2,604	.6	1,908	.4	0200 MALARIA	1,773	.3	2,272	.4
354	.1	1,273	.3	0400 TUBERCULOSIS	2,674	.4	4,300	.6
162	*	5,384	1.1	0500 LEPROSY	7,613	1.2	8,102	1.2
48	*	204	*	0600 VENEREAL DISEASES	72	*	216	*
12,757	2.9	7,442	1.5	0700 ZOOZOSES	6,031	1.0	4,677	.7
1,223	.3	1,266	.3	1000 PARASITIC DISEASES	1,236	.2	1,625	.2
157,497	35.3	150,703	30.2	B. ENVIRONMENTAL HEALTH	179,692	28.2	185,490	28.0
32,810	7.4	40,486	8.1	2100 GENERAL	55,440	8.7	56,860	8.6
67,850	15.2	86,990	17.4	2200 WATER SUPPLIES	88,950	14.0	89,285	13.5
56,773	12.7	22,348	4.5	2300 AEDES AEGYPTI ERADICATION	34,395	5.4	38,410	5.8
64	*	879	.2	2400 HOUSING	907	.1	935	.1
246,335	55.3	282,313	56.3	II. PROMOTION OF HEALTH	360,292	56.6	380,378	57.3
147,315	33.1	136,654	27.3	A. GENERAL SERVICES	191,152	30.0	207,685	31.3
94,792	21.3	29,665	5.9	3100 GENERAL PUBLIC HEALTH	35,121	5.5	34,184	5.1
11,522	2.6	20,508	4.1	3200 NURSING	40,049	6.3	50,564	7.6
1,051	.2	17,197	3.4	3300 LABORATORY	32,737	5.1	30,900	4.7
12,017	2.7	13,998	2.8	3400 HEALTH EDUCATION	13,372	2.1	14,772	2.2
1,762	.4	21,033	4.2	3500 STATISTICS	26,512	4.2	33,620	5.1
17,475	3.9	16,323	3.3	3600 ADMINISTRATIVE METHODS	25,206	4.0	27,846	4.2
8,696	2.0	17,930	3.6	3700 HEALTH PLANNING	18,155	2.8	15,799	2.4
99,020	22.2	145,659	29.0	B. SPECIFIC PROGRAMS	169,140	26.6	172,693	26.0
5,891	1.3	6,202	1.2	4100 MATERNAL AND CHILD HEALTH	6,851	1.1	8,291	1.2
61,652	13.8	67,848	13.6	4200 NUTRITION	70,439	11.1	80,682	12.2
2,800	.6	7,100	1.4	4300 MENTAL HEALTH	8,950	1.4	8,770	1.3
-	-	-	-	4400 DENTAL HEALTH	-	-	4,000	.6
1,381	.3	1,301	.3	4500 RADIATION AND ISOTOPES	1,331	.2	2,205	.3
1,317	.3	1,637	.3	4600 OCCUPATIONAL HEALTH	1,907	.3	1,972	.3
841	.2	2,294	.4	4700 FOOD AND DRUG	928	.1	6,561	1.0
19,478	4.4	49,793	9.9	4800 MEDICAL CARE	68,992	10.8	51,335	7.7
4,921	1.1	7,816	1.6	4900 HEALTH AND POPULATION DYNAMICS	7,340	1.2	6,509	1.0
739	.2	1,668	.3	5000 REHABILITATION	2,402	.4	2,368	.4
24,754	5.5	46,636	9.3	III. DEVELOPMENT OF EDUCATIONAL INSTITUTIONS	74,451	11.6	71,373	10.9
1,964	.4	13,649	2.7	6100 PUBLIC HEALTH	19,900	3.1	12,400	1.9
341	.1	528	.1	6200 MEDICINE	7,787	1.2	8,565	1.3
19,359	4.3	28,350	5.7	6300 NURSING	42,304	6.6	45,732	6.9
1,286	.3	1,615	.3	6400 ENVIRONMENTAL SCIENCES	1,790	.3	1,886	.3
1,804	.4	2,494	.5	6700 BIostatistics	2,670	.4	2,790	.4
445,734	100.0	500,086	100.0	GRAND TOTAL	637,259	100.0	663,798	100.0

\* LESS THAN .05 PERCENT

## WEST INDIES

## SUMMARY OF INVESTMENT

SOURCE OF FUNDS	TOTAL AMOUNT	*-----PERSONNEL-----*			*--DUTY--*	*----FELLOWSHIPS-----*		*---SEMINARS---*		*SUPPLIES*	*--GRANTS--*		
		POSTS PROF.	LOCAL	STC MONTH	TRAVEL AMOUNT	ACAD.	SHORT	AMOUNT	PART.	AMOUNT	EQUIPMENT	AND OTHER	
	\$				\$			\$		\$	\$		
1969													
PAHO---PR	111,918	-	-	9	78,563	9,802	1	4	7,848	-	9,559	2,221	3,925
PM	2,604	-	-	-	2,381	203	-	-	-	-	-	20	-
PG	32,150	-	-	-	8,609	437	-	34	18,028	-	691	1,573	2,812
WHO---WR	196,027	3	-	8	77,277	8,836	17	20	64,062	-	194	43,647	2,011
WT	99,866	-	-	13	85,114	4,542	5	1	9,998	-	-	212	-
WS	3,058	-	-	-	2,289	181	-	-	-	-	-	410	178
WO	111	-	-	-	111	-	-	-	-	-	-	-	-
TOTAL	445,734	3	-	30	254,344	24,001	23	59	99,936	-	10,444	48,083	8,926
PER CENT OF TOTAL	100.0				57.1	5.4			22.4		2.3	10.8	2.0
1970													
PAHO---PR	148,480	2	-	5	118,432	12,921	-	4	6,745	-	171	6,423	3,788
PG	41,268	-	-	-	22,750	1,703	-	-	8,619	-	3,577	1,699	2,920
WHO---WR	134,581	3	-	3	87,078	7,291	6	4	30,188	-	205	2,274	7,545
WT	166,447	-	-	19	102,070	5,900	2	13	57,022	-	-	1,455	-
WS	9,195	-	-	-	6,966	240	-	-	-	-	-	1,627	362
WO	115	-	-	-	115	-	-	-	-	-	-	-	-
TOTAL	500,086	5	-	27	337,411	28,055	8	21	102,574	-	3,953	13,478	14,615
PER CENT OF TOTAL	100.0				67.5	5.6			20.5		.8	2.7	2.9
1971													
PAHO---PR	203,961	2	-	7	139,451	13,866	5	9	33,500	20	9,606	3,762	3,776
PG	39,660	-	-	-	29,278	1,688	-	-	4,119	-	906	992	2,677
WHO---WR	188,138	3	-	5	99,208	10,052	12	5	55,147	-	-	16,312	7,419
WT	198,246	-	-	18	110,292	6,230	6	12	79,739	-	-	1,985	-
WS	7,129	-	-	-	5,976	240	-	-	-	-	-	509	404
WO	125	-	-	-	125	-	-	-	-	-	-	-	-
TOTAL	637,259	5	-	30	384,330	32,076	23	26	172,505	20	10,512	23,560	14,276
PER CENT OF TOTAL	100.0				60.3	5.1			27.1		1.6	3.7	2.2
1972													
PAHO---PR	228,269	2	-	9	154,962	14,105	5	10	35,362	40	13,461	5,955	4,424
PG	28,388	-	-	-	22,720	1,683	-	-	559	-	207	849	2,370
WHO---WR	225,047	4	-	2	110,295	10,446	14	15	77,782	-	1,500	17,488	7,536
WT	175,246	-	-	17	98,292	6,230	6	7	68,739	-	-	1,985	-
WS	6,711	-	-	-	5,640	240	-	-	-	-	-	455	376
WO	137	-	-	-	137	-	-	-	-	-	-	-	-
TOTAL	663,798	6	-	28	392,046	32,704	25	32	182,442	40	15,168	26,732	14,706
PER CENT OF TOTAL	100.0				59.1	4.9			27.5		2.3	4.0	2.2

PAHO PR-REGULAR BUDGET  
 PM-SPECIAL FUND FOR MALARIA ERADICATION  
 PG-COMMUNITY WATER SUPPLY  
 WT-GRANTS AND OTHER CONTRIBUTIONS  
 PI-INCAP AND OTHER RELATED GRANTS

WHO WR-REGULAR BUDGET  
 WA-MALARIA ERADICATION SPECIAL ACCOUNT  
 WT-UNITED NATIONS TECHNICAL ASSISTANCE  
 WS-UNITED NATIONS SPECIAL FUND  
 WO-GRANTS AND OTHER FUNDS

DETAILWEST INDIES-0500, LEPROSY CONTROL

THE PURPOSE OF THE PROJECT IS TO ASSIST IN THE DEVELOPMENT OF A COMPREHENSIVE LEPROSY CONTROL PROGRAM IN ST. LUCIA, WHICH WILL ALSO SERVE AS A MODEL FOR THE EASTERN CARIBBEAN; TO DETERMINE WHETHER THE LOW INCIDENCE OF LEPROSY REPORTED IS REAL OR DUE TO INADEQUATE DETECTION; AND TO ADVISE ON METHODS OF PREVENTIVE TREATMENT AND REHABILITATION, INCLUDING IN-SERVICE TRAINING FOR MEDICAL AND NURSING PERSONNEL.

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
								\$	\$	\$	\$
TOTAL		-	2	4	2	TOTAL	WR	-	5,150	7,350	7,800
CONSULTANT MONTHS	WR	-	2	4	2	PERSONNEL-CONSULTANTS		-	3,600	7,200	3,600
TOTAL		-	1	-	3	SUPPLIES AND EQUIPMENT		-	150	150	-
FELLOWSHIPS-SHORT TERM	WR	-	1	-	3	FELLOWSHIPS		-	1,400	-	4,200
						EST. GOVERNMENT CONTRIB.		(	15,000)	(	30,000)
										(	40,000)

WEST INDIES-0701, RABIES CONTROL (GRENADA)

THE PURPOSE OF THIS PROJECT IS TO COOPERATE WITH THE GOVERNMENT IN ITS RABIES CONTROL PROGRAM WITH PARTICULAR REFERENCE TO CONTROL OF THE DOG AND MANGOOSIE POPULATIONS. FOR THIS PURPOSE, THE ORGANIZATION ASSISTS BY PROVIDING SHORT-TERM CONSULTANTS AND SUPPLIES AND EQUIPMENT TO STRENGTHEN LABORATORY SERVICES.

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
								\$	\$	\$	\$
TOTAL		6	1	1	-	TOTAL	WR	8,899	3,200	1,800	-
CONSULTANT MONTHS	WR	6	1	1	-	PERSONNEL-CONSULTANTS		8,489	1,800	1,800	-
TOTAL		-	1	-	-	SUPPLIES AND EQUIPMENT		410	-	-	-
FELLOWSHIPS-SHORT TERM	WR	-	1	-	-	FELLOWSHIPS		-	1,400	-	-
						EST. GOVERNMENT CONTRIB.		(	15,000)	(	15,000)

WEST INDIES-2100, ENVIRONMENTAL SANITATION

THE PURPOSE OF THIS PROJECT IS TO ASSIST IN THE PLANNING AND DEVELOPMENT OF THE MANY ENVIRONMENTAL SANITATION ACTIVITIES NEEDED IN THE AREA, ESPECIALLY IN THE PROVISION OF WATER SUPPLY AND SEWAGE DISPOSAL FACILITIES IN URBAN AND RURAL AREAS AND IN THE TRAINING AND PREPARATION OF PUBLIC HEALTH INSPECTORS. A COURSE, HELD ALSO IN EARLIER YEARS, WILL BE GIVEN FOR SENIOR PUBLIC HEALTH INSPECTORS OF THE DIFFERENT COUNTRIES AND TERRITORIES WITH FINANCIAL ASSISTANCE FROM UNICEF.

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
								\$	\$	\$	\$
TOTAL		34	-	-	-	TOTAL	PG	6,156	-	-	-
FELLOWSHIPS-SHORT TERM	PG	34	-	-	-	SUPPLIES AND EQUIPMENT		308	-	-	-
						FELLOWSHIPS		5,848	-	-	-

WEST INDIES-2200, WATER SUPPLIES

THE PURPOSE OF THIS PROJECT IS TO ASSIST IN THE PREPARATION OF PLANS AND DESIGNS FOR THE IMPROVEMENT AND EXPANSION OF EXISTING WATER SUPPLY SYSTEMS AND THE CONSTRUCTION OF NEW ONES, AS WELL AS TO ASSIST IN IMPROVING THE ADMINISTRATION AND OPERATION OF THE SYSTEMS. EXTENSIVE PROBLEMS EXIST IN THE AREA OF THE PROJECT ON THE TECHNICAL, LEGAL, AND ECONOMIC ASPECTS OF WATER SUPPLIES, SEWERAGE, AND SEWAGE DISPOSAL. SERVICES ARE BEING PROVIDED FOR STUDIES WHICH SHOULD LEAD TO SOUND PLANNING, FINANCING, CONSTRUCTION, OPERATION, MAINTENANCE, AND ADMINISTRATION.

ASSISTANCE HAS BEEN PROVIDED FOR SURVEY DESIGN AND ADMINISTRATIVE IMPROVEMENT AND FOR THE DEVELOPMENT OF WATER AUTHORITIES. FOLLOWING THIS WORK, ASSISTANCE WILL BE PROVIDED DURING CONSTRUCTION, OPERATION, AND MAINTENANCE. PROVISION IS ALSO MADE FOR FELLOWSHIPS TO STRENGTHEN THE TECHNOLOGICAL LEVELS OF PERSONNEL.

CLOSE LIAISON IS MAINTAINED WITH THE OFFICES OF THE CANADIAN EXTERNAL ASSISTANCE AND THE BRITISH OVERSEAS DEVELOPMENT MISSION.

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
								\$	\$	\$	\$
TOTAL		18	13	13	13	TOTAL		47,095	63,800	65,200	65,200
CONSULTANT MONTHS	PR	5	-	-	-	PERSONNEL-CONSULTANTS		8,588	-	-	-
CONSULTANT MONTHS	WT	13	13	13	13	SUBTOTAL	PR	8,588	-	-	-
TOTAL		3	9	8	8	PERSONNEL-CONSULTANTS		8,588	-	-	-
FELLOWSHIPS-ACADEMIC	WT	3	1	3	3	SUBTOTAL	WT	38,507	63,800	65,200	65,200
FELLOWSHIPS-SHORT TERM	WT	-	8	5	5	PERSONNEL-CONSULTANTS		29,800	26,000	26,000	26,000
						FELLOWSHIPS		8,707	37,800	39,200	39,200

WEST INDIES-2300, AEDES AEGYPTI ERADICATION

THERE IS A HEAVY GENERALIZED INFESTATION OF AEDES AEGYPTI, VECTOR OF YELLOW FEVER, DENGUE FEVER, AND DENGUE HEMORRHAGIC FEVER, IN THE EASTERN CARIBBEAN ISLANDS OF GRENADA, ST. VINCENT, DOMINICA, ST. LUCIA, ANTIGUA, THE ST. KITTS-NEVIS-ANGUILLA GROUP, MONTSERRAT, AND THE BRITISH VIRGIN ISLANDS. AEDES AEGYPTI INDICES IN THESE ISLANDS VARY FROM 20 TO 70 PER CENT. ONLY ST. LUCIA HAS AN ERADICATION PROGRAM AT THE PRESENT TIME.

THE CAMPAIGN IS IN THE PREPARATORY PHASE IN GRENADA, ANTIGUA, AND MONTSERRAT AND WILL START IN 1970; IT IS IN THE ORGANIZATION PHASE IN ST. VINCENT AND DOMINICA.

FUND	1969	1970	1971	1972	FUND	1969	1970	1971	1972
						\$	\$	\$	\$
TOTAL	WR	40,921	-	12,000	15,000				
SUPPLIES AND EQUIPMENT		40,921	-	12,000	15,000				
EST. GOVERNMENT CONTRIB.			( 75,000)	( 120,000)	( 100,000)				

WEST INDIES-3100, HEALTH SERVICES

A HEALTH SURVEY OF THE EASTERN CARIBBEAN ISLANDS SHOWED THAT THEY HAVE VERY LIMITED ECONOMIC AND HUMAN RESOURCES FOR HEALTH. THE LACK OF DEFINITE PROGRAMS FOR THE TRAINING OF HEALTH PERSONNEL WAS THEREFORE ESPECIALLY SERIOUS.

THE PURPOSE OF THIS PROJECT IS TO CONTINUE THE FORMULATION AND EXECUTION OF NATIONAL HEALTH PLANS IN THE COUNTRIES OF THE AREA. THE MAIN COMPONENTS OF THESE PLANS INCLUDE EXPANSION AND IMPROVEMENT OF THE GENERAL MEDICAL CARE SERVICES, MATERNAL AND CHILD HEALTH CARE, NUTRITION PROGRAMS, ENVIRONMENTAL HEALTH, HEALTH EDUCATION, ADMINISTRATIVE MANAGEMENT, AND TRAINING OF NEEDED PROFESSIONAL AND AUXILIARY PERSONNEL. THE HEALTH DEPARTMENTS INTEND TO MAKE THE TRAINING OF THE STAFF A PERMANENT, SYSTEMATIC, AND INTEGRAL PART OF THESE PROGRAMS. THE FIELDS IN WHICH TRAINING IS PARTICULARLY NEEDED ARE PUBLIC HEALTH ADMINISTRATION AND PLANNING, NURSING SUPERVISION AND TUTORING, HEALTH EDUCATION, HEALTH STATISTICS, LABORATORY TECHNOLOGY, NUTRITION, AND ENVIRONMENTAL HEALTH.

TOTAL		1	1	1	1	TOTAL	WR	74,478	47,799	75,716	94,284
P-3 NURSE 4.0603	WR	1	1	1	1	PERSONNEL-POSTS		13,953	15,249	14,966	15,734
						PERSONNEL-CONSULTANTS		2,982	-	-	-
						DUTY TRAVEL		2,258	2,250	2,250	2,250
TOTAL		2	-	-	-	SUPPLIES AND EQUIPMENT		361	-	-	-
						FELLOWSHIPS		54,924	26,800	55,000	72,800
CONSULTANT MONTHS	WR	2	-	-	-	COMMON SERVICES		-	3,500	3,500	3,500
TOTAL		34	8	17	26	EST. GOVERNMENT CONTRIB.		( 120,000)	( 130,000)	( 130,000)	
FELLOWSHIPS-ACADEMIC	WR	14	6	12	14						
FELLOWSHIPS-SHORT TERM	WR	20	2	5	12						

WEST INDIES-3108, HEALTH SERVICES (GRENADA)

GRENADA IS A STATE WITH A POPULATION OF 104,000 INHABITANTS. INFANT MORTALITY RATE WAS 34.9 AND MATERNAL MORTALITY RATE 1.5 PER 1,000 LIVE BIRTHS IN 1968. DIARRHEAL DISEASES AND ENTERITIS ARE STILL ONE OF THE IMPORTANT CAUSES OF DEATH AMONG INFANTS. RESOURCES ARE LIMITED, AND NO MEDIUM- OR LONG-RANGE HEALTH PLANS WERE FORMULATED.

THE PURPOSE OF THIS PROJECT IS TO STRENGTHEN HEALTH SERVICES AND TO INCREASE EFFICIENCY AND EFFECTIVENESS OF HEALTH SERVICES THROUGH SYSTEMATIC PLANNING AND TRAINING.

TOTAL		-	-	2	4	TOTAL		16,156	-	31,700	37,400
CONSULTANT MONTHS	PR	-	-	2	4	SUBTOTAL	PR	7,325	-	29,500	35,200
TOTAL		8	-	10	11						
						PERSONNEL-CONSULTANTS		-	-	3,600	7,200
FELLOWSHIPS-ACADEMIC	PR	1	-	5	5	SUPPLIES AND EQUIPMENT		-	-	300	1,000
FELLOWSHIPS-ACADEMIC	WR	3	-	-	-	FELLOWSHIPS		7,325	-	25,600	27,000
FELLOWSHIPS-SHORT TERM	PR	4	-	4	5	SUBTOTAL	WR	8,831	-	-	-
FELLOWSHIPS-SHORT TERM	WT	-	-	1	1						
						FELLOWSHIPS		8,831	-	-	-
						SUBTOTAL	WT	-	-	2,200	2,200
						FELLOWSHIPS		-	-	2,200	2,200
						EST. GOVERNMENT CONTRIB.		( 50,000)	( 50,000)	( 50,000)	

WEST INDIES-3300, LABORATORY SERVICES

IN THE COUNTRIES OF THE EASTERN CARIBBEAN, EXCLUDING BARBADOS, THERE IS ONLY ONE QUALIFIED PATHOLOGIST, WHO IS STATIONED IN DOMINICA. THERE IS A GROWING AWARENESS OF THE NEED FOR COORDINATED ACTION AND MUTUAL ASSISTANCE, AND THE TIME IS OPPORTUNE TO PROMOTE THE SHARING OF SPECIALIZED SERVICES.

THE IMMEDIATE OBJECTIVE OF THE PROJECT IS TO PROVIDE SPECIALIZED PATHOLOGICAL SERVICES TO MONTSERATT, ANTIGUA, AND ST. KITTS. THE ULTIMATE OBJECTIVE IS TO HAVE THE GOVERNMENTS UNDERTAKE THE ORGANIZATION AND FINANCING OF SHARED SERVICES IN THIS AREA.

FUND 1969 1970 1971 1972					FUND 1969 1970 1971 1972						
-----					-----						
					PR						
					-----						
					-----						
					-----						
TOTAL		1	2	2	2	TOTAL		628	5,100	4,600	4,100
CONSULTANT MONTHS	PR	1	2	2	2	PERSONNEL-CONSULTANTS		628	3,600	3,600	3,600
						SUPPLIES AND EQUIPMENT		-	1,500	1,000	500
						EST. GOVERNMENT CONTRIB.			( 40,000 )	( 40,000 )	( 40,000 )

WEST INDIES-3500, HEALTH STATISTICS

THE EIGHT GOVERNMENTS OF THE EASTERN CARIBBEAN ALLOCATE BETWEEN ONE-SIXTH AND ONE-SEVENTH OF THEIR RECURRING EXPENDITURES TO THE HEALTH SECTOR. THEREFORE, THE PLANNING AND EVALUATION OF THE HEALTH SERVICES IS AN IMPORTANT FACTOR IN OBTAINING BUDGETARY SUPPORT. THE ULTIMATE OBJECTIVE OF THIS PROJECT IS TO ESTABLISH IN EACH MINISTRY A HEALTH STATISTICS UNIT WHICH, IN COORDINATION WITH THE CENTRAL STATISTICAL UNIT, WOULD BE CAPABLE OF PROVIDING THE ADMINISTRATION WITH COMPREHENSIVE AND ACCURATE DATA FOR THE DAY-TO-DAY MANAGEMENT NECESSARY, AND TO FACILITATE CONTINUOUS PLANNING AND EVALUATION OF THE HEALTH SERVICES.

A HEALTH STATISTICIAN WILL GIVE ADVICE AND GUIDANCE ON THE DEVELOPMENT OF HEALTH STATISTICS SERVICES, AND FELLOWSHIPS WILL BE AWARDED TO TRAIN STATISTICAL PERSONNEL.

FUND 1969 1970 1971 1972					FUND 1969 1970 1971 1972						
-----					-----						
					PR						
					-----						
					-----						
					-----						
TOTAL		-	1	1	1	TOTAL		-	18,788	23,063	24,423
P-3 STATISTICIAN	PR	-	1	1	1	PERSONNEL-POSTS		-	13,588	17,863	19,223
3425						DUTY TRAVEL		-	1,000	1,000	1,000
						FELLOWSHIPS		-	4,200	4,200	4,200
TOTAL		-	3	3	3						
FELLOWSHIPS-SHORT TERM	PR	-	3	3	3						

WEST INDIES-4200, NUTRITION

THE MAIN PROBLEM IN THIS AREA IS PROTEIN-CALORIE MALNUTRITION IN EARLY CHILDHOOD, PARTICULARLY FROM THE AGE OF WEANING TO THE END OF THE SECOND YEAR OF LIFE. THE ULTIMATE OBJECTIVE OF THE PROJECT IS TO PROMOTE NUTRITION AS AN INTEGRAL COMPONENT OF ALL NATIONAL ECONOMIC DEVELOPMENT PLANS. THE IMMEDIATE OBJECTIVE IS TO ASSIST THE GOVERNMENTS IN THE PLANNING, IMPLEMENTATION, AND EVALUATION OF ISLANDWIDE COMMUNITY NUTRITION PROGRAMS TO IMPROVE THE NUTRITIONAL STATUS OF THE POPULATION, ESPECIALLY MOTHERS, INFANTS, AND YOUNG CHILDREN.

ASSISTANCE WILL BE GIVEN IN THE TRAINING OF PERSONNEL BY PROMOTING THE UTILIZATION OF THE TRAINING FACILITIES AT THE CARIBBEAN FOOD AND NUTRITION INSTITUTE AND BY LOCAL SEMINARS. IN COORDINATION WITH THE ADVISORY SERVICES OF THE HEALTH EDUCATOR UNDER AMRO-3401, GOVERNMENTS WILL BE ASSISTED IN THE ESTABLISHMENT OF AN EDUCATION PROGRAM FOR ALL SOCIAL GROUPS AT EACH LEVEL OF THE POPULATION, USING THE EXISTING RESOURCES IN THE MINISTRIES RESPONSIBLE FOR AGRICULTURE, COMMUNITY DEVELOPMENT, EDUCATION, AND HEALTH.

FUND 1969 1970 1971 1972					FUND 1969 1970 1971 1972						
-----					-----						
					WR						
					-----						
					-----						
					-----						
TOTAL		2	2	2	3	TOTAL		28,251	27,278	32,720	42,861
P-3 NUTRITIONIST	WR	2	2	2	3	PERSONNEL-POSTS		25,071	24,778	29,220	39,361
4.1060 4.3082 4.3579						DUTY TRAVEL		2,650	2,000	3,000	3,000
						SUPPLIES AND EQUIPMENT		530	500	500	500
						EST. GOVERNMENT CONTRIB.			( 70,000 )	( 70,000 )	( 70,000 )

WEST INDIES-4300, MENTAL HEALTH

THE PURPOSE OF THIS PROJECT IS TO COOPERATE WITH THE GOVERNMENTS IN PLANNING AND DEVELOPING THEIR MENTAL HEALTH SERVICES. THE PROJECT SHOULD RESULT IN AN INTRODUCTION INTO THE AREA OF MODERN MENTAL HEALTH PRACTICES, WITH EMPHASIS ON IMPROVING THE MEDICAL CARE OF MENTAL PATIENTS BY THE RECRUITMENT OF COMMUNITY-MINDED PSYCHIATRISTS, GREATER USE OF EXISTING STAFF IN COMMUNITY MENTAL HEALTH WORK, AND TRAINING OF THOSE LIKELY TO COME INTO CONTACT WITH DISTURBED PATIENTS.

... CONTINUED

WEST INDIES-4300, MENTAL HEALTH . . . CONTINUED

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972		
								\$	\$	\$	\$		
TOTAL		2	3	3	3	TOTAL	PR	2,800	7,100	8,500	8,500		
CONSULTANT MONTHS	PR	2	3	3	3	PERSONNEL-CONSULTANTS		2,800	5,400	5,400	5,400		
TOTAL		-	1	2	2	SUPPLIES AND EQUIPMENT		-	300	300	300		
FELLOWSHIPS-SHORT TERM	PR	-	1	2	2	FELLOWSHIPS		-	1,400	2,800	2,800		
						EST. GOVERNMENT CONTRIB.		(	40,000)	(	40,000)	(	40,000)

WEST INDIES-4800, MEDICAL CARE AND HOSPITAL ADMINISTRATION

IN THE ISLANDS OF THE EASTERN CARIBBEAN, THERE ARE 1,858 HOSPITAL BEDS FOR A POPULATION OF 412,000. HOSPITALS ARE ADMINISTERED BY CLINICAL SPECIALISTS WHO ARE ABLE TO GIVE LITTLE ATTENTION TO ADMINISTRATION PROCEDURES. WITH THE EXCEPTION OF ST. KITTS AND ST. LUCIA, WHERE THERE ARE TRAINED ADMINISTRATORS TO SUPPORT THE MEDICAL SUPERINTENDENT, HOSPITAL STEWARDS ARE RESPONSIBLE FOR EVERYDAY MANAGEMENT.

THE MAIN OBJECTIVE OF THIS PROJECT IS THE IMPROVEMENT IN HOSPITAL EFFICIENCY THROUGH TRAINING OF PERSONNEL FOR VARIOUS HOSPITAL DEPARTMENTS. SHORT COURSES WILL BE ORGANIZED IN ENGINEERING AND HOSPITAL MAINTENANCE, FOOD SERVICE, CENTRAL SUPPLY, HOUSEKEEPING, AND LAUNDRY SERVICES.

		1	6	5	4			2,281	28,100	45,400	22,400		
TOTAL		1	6	5	4	TOTAL		2,281	28,100	45,400	22,400		
CONSULTANT MONTHS	PR	1	-	-	-	PERSONNEL-CONSULTANTS		1,268	-	-	-		
CONSULTANT MONTHS	WT	-	6	5	4	SUBTOTAL	PR	1,268	-	-	-		
TOTAL		2	6	9	4	PERSONNEL-CONSULTANTS		1,268	-	-	-		
FELLOWSHIPS-ACADEMIC	WT	2	1	3	3	SUBTOTAL	WT	1,013	28,100	45,400	22,400		
FELLOWSHIPS-SHORT TERM	WT	-	5	6	1	PERSONNEL-CONSULTANTS		-	10,000	12,000	-		
						SUPPLIES AND EQUIPMENT		-	-	1,000	1,000		
						FELLOWSHIPS		1,013	18,100	32,400	21,400		
						EST. GOVERNMENT CONTRIB.		(	100,000)	(	100,000)	(	100,000)

WEST INDIES-4805, HOSPITAL FOOD SERVICES IN TORTOLA

THE PURPOSE OF THIS PROJECT IS TO TRAIN PERSONNEL IN CATERING SERVICES FOR THE PEBBLES HOSPITAL AND THE INFIRMARY OF THE BRITISH VIRGIN ISLANDS.

		1	-	-	-			278	1,122	-	-
TOTAL		1	-	-	-	TOTAL	WT	278	1,122	-	-
FELLOWSHIPS-SHORT TERM	WT	1	-	-	-	FELLOWSHIPS		278	1,122	-	-

WEST INDIES-6300, NURSING EDUCATION

THE EXPANSION OF HEALTH SERVICES IN THE CARIBBEAN HAS RESULTED IN INCREASED RESPONSIBILITIES BEING PLACED ON NURSING PERSONNEL, FOR WHICH THEY ARE POORLY PREPARED. IN ADDITION, THERE IS ALSO A SHORTAGE OF PREPARED TUTORS FOR THE NUMBER OF STUDENTS BEING TRAINED, WITH THE RESULT THAT NURSING SERVICE PERSONNEL INSUFFICIENTLY PREPARED IN TEACHING AND SUPERVISION ARE REQUIRED TO ASSIST IN THIS AREA. WITH THE TREND TOWARD COMPREHENSIVE NURSING CARE, THERE IS A NEED FOR FURTHER DEVELOPMENT OF PSYCHIATRIC AND PUBLIC HEALTH NURSING SERVICES TO BE USED FOR CLINICAL EXPERIENCES.

THE PURPOSE OF THIS PROJECT IS TO IMPROVE QUALITY OF CLINICAL TEACHING AND SUPERVISION OF BOTH PROFESSIONAL AND AUXILIARY NURSING STUDENTS IN ORDER TO PREPARE THEM TO FUNCTION EFFECTIVELY IN THE HEALTH SERVICES THROUGH SHORT COURSES AND FOLLOW-UP VISITS FOR COUNSELING WHICH WILL CONTINUE OVER A 9-12 MONTH PERIOD. AT THE END OF THIS TIME, A REVIEW AND EVALUATION WILL BE MADE.

		-	1	1	1			-	15,088	22,263	25,923
TOTAL		-	1	1	1	TOTAL	PR	-	15,088	22,263	25,923
P-3 NURSE .1094	PR	-	1	1	1	PERSONNEL-POSTS		-	13,588	17,863	19,223
TOTAL		-	-	20	40	DUTY TRAVEL		-	1,500	1,500	1,500
PARTICIPANTS	PR	-	-	20	40	SEMINAR COSTS		-	-	600	600
						PARTICIPANTS		-	-	2,300	4,600

WEST INDIES  
PORTIONS OF INTERCOUNTRY PROJECTS

	1969	1970	1971	1972
	\$	\$	\$	\$
<b>TOTAL AMRO PROJECTS</b>	<b>217,791</b>	<b>277,561</b>	<b>306,947</b>	<b>315,907</b>
0101 EPIDEMIOLOGY -- ZONE I	-	2,957	3,425	3,964
0111 EPIDEMIOLOGICAL SURVEILLANCE PROGRAM	-	-	-	1,401
0201 MALARIA ERADICATION - ZONE I	2,604	1,908	1,773	2,272
0400 TUBERCULOSIS CONTROL	354	1,273	2,674	4,300
0500 LEPROSY CONTROL	162	234	263	302
0600 VENEREAL DISEASE CONTROL	48	204	72	216
0700 PAN AMERICAN ZOONOSES CENTER	3,858	4,242	4,231	4,677
1000 PARASITIC DISEASES	1,000	1,052	984	1,085
1008 CHAGAS' DISEASE	223	214	252	540
2100 ENVIRONMENTAL SANITATION	138	361	361	616
2101 SANITARY ENGINEERING -- ZONE I	5,678	5,653	5,884	6,118
2107 ENVIRONMENTAL SANITATION -- CARIBBEAN	37,847	44,450	44,450	44,450
2114 PAN AMERICAN SANITARY ENGINEERING CENTER	4,780	8,230	10,425	11,143
2116 CONFERENCE ON INTEGRATION OF ENVIRONMENTAL PROGRAMS	-	-	-	542
2215 APPLIED RESEARCH ON WATER SUPPLIES	347	-	150	300
2300 Aedes Aegypti ERADICATION	5,539	7,123	6,525	7,540
2301 Aedes Aegypti ERADICATION -- CARIBBEAN	10,313	15,225	15,870	15,870
3107 PUBLIC HEALTH ADMINISTRATION -- CARIBBEAN	39,832	45,186	48,343	49,602
3110 COORDINATION OF INTERNATIONAL RESEARCH	2,013	1,242	1,360	1,966
3124 APPLICATION OF DATA PROCESSING TO HEALTH ADMINISTRATION	403	-	-	-
3130 CONFERENCE ON MYCOLOGY	-	1,127	-	-
3131 CARIBBEAN HEALTH MINISTERS' CONFERENCE	-	3,332	3,332	3,332
3200 NURSING SERVICES	252	886	945	1,234
3201 NURSING -- ZONE I	4,137	4,419	4,578	4,736
3210 HOSPITAL NURSING SERVICES	24	928	1,136	1,201
3211 SEMINAR ON PLANNING FOR NURSING	-	-	-	1,500
3300 LABORATORY SERVICES	423	494	514	514
3310 CONFERENCE ON VIRAL AND RICKETTSIAL VACCINES	-	1,405	-	-
3311 TRAINING LABORATORY PERSONNEL	-	798	623	686
3400 HEALTH EDUCATION	57	248	372	372
3401 HEALTH EDUCATION -- CARIBBEAN	11,960	13,750	13,000	13,000
3500 HEALTH STATISTICS	14	-	349	306
3501 HEALTH STATISTICS -- ZONE I	2,685	4,107	5,054	5,337
3600 ADMINISTRATIVE METHODS AND PRACTICES IN PUBLIC HEALTH	1,635	1,576	1,612	2,272
3601 ADMINISTRATIVE METHODS AND PRACTICES - ZONE I	3,464	3,107	3,461	3,591
3607 MANAGEMENT OF HEALTH SERVICES	-	5,243	-	5,243
3700 HEALTH PLANNING	2,036	4,076	3,794	3,960
3701 HEALTH PLANNING AND ORGANIZATION - ZONE I	3,313	3,727	4,100	4,246
3715 PAN AMERICAN PROGRAM FOR HEALTH PLANNING	3,347	10,127	8,061	7,593
4100 MATERNAL AND CHILD HEALTH	63	399	436	1,443
4115 NURSING-MIDWIFERY EDUCATION	627	-	-	-
4200 NUTRITION ADVISORY SERVICES	248	378	574	585
4201 NUTRITION ADVISORY SERVICES -- ZONE I	3,192	2,942	3,384	4,231
4203 INSTITUTE OF NUTRITION OF CENTRAL AMERICA AND PANAMA	10,812	8,846	8,675	9,150
4207 CARIBBEAN FOOD AND NUTRITION INSTITUTE	18,744	27,935	24,394	23,038
4221 SEMINAR ON NUTRITION IN FOOD AND HEALTH POLICIES	147	-	205	205
4230 NUTRITION TRAINING	258	469	487	612
4300 MENTAL HEALTH	-	-	450	270
4500 HEALTH ASPECTS OF RADIATION	-	-	-	844
4507 RADIATION HEALTH PROTECTION	1,381	1,301	1,331	1,361
4700 FOOD AND DRUG CONTROL	841	894	928	961
4800 MEDICAL CARE SERVICES	1,537	835	1,161	1,182
4801 MEDICAL CARE SERVICES (ZONE I)	-	-	1,630	3,390
4810 CHRONIC DISEASES	1,006	1,239	1,293	1,346
4813 HOSPITAL PLANNING AND ADMINISTRATION	579	3,796	2,371	2,412
4815 TRAINING FOR MEDICAL CARE AND HOSPITAL ADMINISTRATION	160	198	1,102	1,286
4819 SEMINAR ON CANCER REGISTRATION	636	-	-	-
4900 HEALTH AND POPULATION DYNAMICS	2,189	4,898	4,510	3,453
4901 HEALTH AND POPULATION DYNAMICS -- ZONE I	2,732	2,918	2,830	3,056
5000 REHABILITATION	739	1,668	2,402	2,368
6101 HEALTH MANPOWER STUDIES (ZONE I)	1,964	13,649	19,900	12,400

## WEST INDIES - PORTIONS OF INTERCOUNTRY PROJECTS . . . CONTINUED

6223	TEACHING OF BEHAVIORAL SCIENCES	341	528	7,528	7,528
6225	SURVEY OF FELLOWSHIP PROGRAMS	-	-	259	-
6226	COMMUNITY-CENTERED RESEARCH IN MEDICAL EDUCATION	-	-	-	1,037
6301	NURSING EDUCATION -- ZONE I	12,246	9,262	9,645	10,028
6312	SEMINARS ON NURSING EDUCATION (ZONE I)	7,113	-	6,396	5,781
6400	SANITARY ENGINEERING EDUCATION	1,286	1,113	1,124	1,169
6707	LATIN AMERICAN CENTER FOR THE CLASSIFICATION OF DISEASES	219	252	296	303
6708	TRAINING PROGRAM IN HOSPITAL STATISTICS	245	380	420	441

## WEST INDIES

## SUMMARY OF INVESTMENTS BY SOURCE OF FUNDS

SOURCE OF FUNDS	*-----COUNTRY PROJECTS-----*				*-----PORTIONS OF INTER-COUNTRY PROJECTS-----*			
	1969	1970	1971	1972	1969	1970	1971	1972
TOTAL FUNDS	227,943	222,525	330,312	347,891	217,791	277,561	306,947	315,907
PR PAHO REGULAR	20,609	46,076	87,926	98,146	91,309	102,404	116,035	130,123
PM PAHO SPECIAL MALARIA	-	-	-	-	2,804	-	-	-
PG PAHO GRANTS & OTHER CONTRIB.	6,156	-	-	-	25,994	41,268	39,660	28,388
WR WHO REGULAR	161,380	83,427	129,586	159,945	34,647	51,154	58,552	65,102
WT WHO TECHNICAL ASSISTANCE	39,798	93,022	112,800	89,800	60,068	73,425	85,446	85,446
WS UNITED NATIONS SPECIAL FUND	-	-	-	-	3,058	9,195	7,129	6,711
WD WHO GRANTS & OTHER FUNDS	-	-	-	-	111	115	125	137

SOURCE OF FUNDS	*-----TOTAL ALL PROJECTS-----*			
	1969	1970	1971	1972
TOTAL FUNDS	445,734	500,086	637,259	663,798
PR PAHO REGULAR	111,918	148,480	203,961	228,269
PM PAHO SPECIAL MALARIA	2,804	-	-	-
PG PAHO GRANTS & OTHER CONTRIB.	32,150	41,268	39,660	28,388
WR WHO REGULAR	196,027	134,581	188,138	225,047
WT WHO TECHNICAL ASSISTANCE	99,866	166,447	198,246	175,246
WS UNITED NATIONS SPECIAL FUND	3,058	9,195	7,129	6,711
WD WHO GRANTS & OTHER FUNDS	111	115	125	137



## PART III - FIELD AND OTHER PROGRAMS

## ZONE II

## PROGRAM BUDGET

1 9 6 9		1 9 7 0			1 9 7 1		1 9 7 2	
AMOUNT	PERCENT	AMOUNT	PERCENT		AMOUNT	PERCENT	AMOUNT	PERCENT
\$		\$			\$		\$	
919,600	43.6	1,179,118	42.8	I. PROTECTION OF HEALTH	1,185,720	36.9	1,243,661	41.8
605,578	28.7	738,629	26.8	A. COMMUNICABLE DISEASES	735,941	22.9	771,467	25.9
27,917	1.3	29,305	1.1	3100 GENERAL	30,326	1.0	36,251	1.2
307,939	14.6	364,016	13.2	0200 MALARIA	360,945	11.2	371,582	12.5
21,751	1.0	1,800	.1	0300 SMALLPOX	1,900	.1	1,800	.1
31,993	1.5	88,450	3.2	0400 TUBERCULOSIS	81,144	2.5	74,847	2.5
4,077	.2	5,868	.2	0500 LEPROSY	6,589	.2	10,325	.3
517	*	25,467	.9	0600 VENEREAL DISEASES	32,134	1.0	33,473	1.1
208,113	9.9	220,311	8.0	0700 ZOOSES	218,786	6.8	237,438	8.0
3,271	.2	3,412	.1	1000 PARASITIC DISEASES	4,217	.1	5,751	.2
314,022	14.9	440,489	16.0	B. ENVIRONMENTAL HEALTH	449,779	14.0	471,594	15.9
50,911	2.4	72,229	2.6	2100 GENERAL	93,946	2.9	90,885	3.1
203,470	9.7	189,709	6.9	2200 WATER SUPPLIES	178,644	5.6	202,250	6.8
58,906	2.8	174,616	6.3	2300 AEDS AEGYPTI ERADICATION	173,122	5.4	174,261	5.9
735	*	3,935	.2	2400 HOUSING	4,067	.1	4,198	.1
939,351	44.7	1,235,585	44.5	II. PROMOTION OF HEALTH	1,593,336	49.7	1,276,065	43.1
666,959	31.6	833,364	30.1	A. GENERAL SERVICES	1,155,123	36.0	895,904	30.2
339,650	16.1	291,133	10.5	3100 GENERAL PUBLIC HEALTH	260,951	8.1	270,976	9.1
33,098	1.6	49,030	2.5	3200 NURSING	86,352	2.7	79,870	2.7
166,780	7.9	267,433	9.7	3300 LABORATORY	579,536	18.1	310,672	10.5
12,787	.6	7,639	.3	3400 HEALTH EDUCATION	7,882	.2	7,780	.3
69,736	3.3	94,521	3.4	3500 STATISTICS	85,567	2.7	79,210	2.7
21,458	1.0	39,857	1.4	3600 ADMINISTRATIVE METHODS	80,149	2.5	95,588	3.2
23,450	1.1	63,751	2.3	3700 HEALTH PLANNING	54,686	1.7	51,858	1.7
272,392	13.1	402,221	14.4	B. SPECIFIC PROGRAMS	438,213	13.7	380,161	12.9
20,458	1.0	36,458	1.3	4100 MATERNAL AND CHILD HEALTH	44,824	1.4	46,821	1.6
81,911	3.9	106,428	3.8	4200 NUTRITION	111,709	3.5	109,554	3.7
51,247	2.4	49,861	1.8	4300 MENTAL HEALTH	56,521	1.8	7,492	.3
11,783	.6	11,138	.4	4400 DENTAL HEALTH	10,326	.3	10,403	.4
5,613	.3	5,282	.2	4500 RADIATION AND ISOTOPES	8,305	.3	10,907	.4
7,824	.4	19,552	.7	4600 OCCUPATIONAL HEALTH	19,634	.6	18,894	.6
6,133	.3	9,483	.3	4700 FOOD AND DRUG	10,557	.3	12,472	.4
53,752	2.6	92,711	3.4	4800 MEDICAL CARE	110,933	3.5	109,995	3.7
27,024	1.3	53,889	1.9	4900 HEALTH AND POPULATION DYNAMICS	49,638	1.5	38,009	1.3
6,647	.3	17,419	.6	5000 REHABILITATION	15,756	.5	15,614	.5
246,946	11.7	351,680	12.7	III. DEVELOPMENT OF EDUCATIONAL INSTITUTIONS	431,150	13.4	452,872	15.1
9,062	.4	10,186	.4	6100 PUBLIC HEALTH	12,898	.4	10,318	.3
87,222	4.2	189,452	6.8	6200 MEDICINE	254,342	7.9	279,805	9.4
48,942	2.3	81,918	3.0	6300 NURSING	84,506	2.6	78,517	2.6
80,662	3.8	39,856	1.4	6400 ENVIRONMENTAL SCIENCES	46,343	1.4	49,446	1.7
2,674	.1	5,600	.2	6500 VETERINARY MEDICINE	5,600	.2	5,726	.2
6,275	.3	5,059	.2	6600 DENTISTRY	5,993	.2	6,848	.2
12,109	.6	19,609	.7	6700 BIostatistics	21,468	.7	22,212	.7
2,105,897	100.0	2,766,383	100.0	GRAND TOTAL	3,210,206	100.0	2,971,998	100.0

\* LESS THAN .05 PERCENT

## PART III - FIELD AND OTHER PROGRAMS

## ZONE II

## SUMMARY OF INVESTMENT

SOURCE OF FUNDS	TOTAL AMOUNT	PERSONNEL			AMOUNT	DUTY TRAVEL AMOUNT	FELLOWSHIPS		SEMINARS		SUPPLIES AND EQUIPMENT	GRANTS AND OTHER	
		PROF.	LOCAL	STC MONTH			ACAD.	SHORT	PART.	AMOUNT			
1969													
PAHO--PR	850,261	16	1	12	566,867	388,545	7	17	49,016	-	21,934	120,117	53,582
PM	205,586	8	-	-	95,531	2,2293	1	-	1,950	-	104,996	-	916
PW	10,291	-	-	5	10,091	-	-	-	-	-	-	-	-
PG	381,408	4	-	1	102,893	4,8013	-	-	9,695	-	11,011	29,193	220,603
WHO--WR	543,133	4	-	23	189,424	1,17,529	25	32	119,689	-	11,822	175,420	29,449
WT	101,312	9	-	4	91,721	2,2,744	3	-	5,160	-	-	487	1,200
WS	13,762	-	-	-	10,302	814	-	-	-	-	-	1,845	801
WO	444	-	-	-	444	-	-	-	-	-	-	-	-
TOTAL	2,175,897	41	1	45	1,067,273	69,938	36	49	185,510	-	44,567	432,058	306,551
PER CENT OF TOTAL	100.0				50.7	3.3			8.8		2.1	20.5	14.6
1970													
PAHO--PR	1,094,830	14	1	16	615,577	45,885	2	30	62,714	-	19,810	222,478	38,366
PM	233,972	7	-	2	119,372	10,500	-	2	2,800	-	-	70,000	1,200
PW	18,200	-	-	8	14,400	-	-	2	7,800	-	-	1,000	-
PG	387,776	4	-	-	129,477	10,228	-	-	20,741	-	14,177	136,291	177,962
WHO--WR	643,774	4	-	63	328,673	17,420	14	44	128,840	-	14,033	127,509	27,299
WT	331,937	9	-	27	248,814	13,698	13	2	64,536	-	-	3,689	1,200
WS	176,234	1	-	6	56,900	1,080	-	-	-	-	-	107,325	10,929
WO	460	-	-	-	460	-	-	-	-	-	-	-	-
TOTAL	2,766,383	39	1	122	1,513,673	98,811	29	80	282,431	-	48,020	566,492	256,956
PER CENT OF TOTAL	100.0				54.7	3.6			10.2		1.7	20.5	9.3
1971													
PAHO--PR	1,176,909	17	1	22	719,673	47,239	4	38	82,264	-	5,278	282,749	39,756
PM	195,521	6	-	1	109,621	10,500	-	3	4,200	-	-	70,000	1,200
PG	354,444	4	-	-	130,533	9,673	-	-	17,127	-	233	28,124	170,754
WHO--WR	675,619	4	-	63	380,020	48,972	19	55	165,019	-	20,896	61,103	29,609
WT	322,633	9	-	27	257,645	313,985	3	2	45,082	-	-	4,721	1,200
WS	482,580	3	-	26	160,192	1,1,080	-	4	11,200	-	-	302,290	7,818
WO	500	-	-	-	500	-	-	-	-	-	-	-	-
TOTAL	3,210,206	43	1	139	1,758,184	101,449	26	102	324,892	-	26,357	748,987	250,337
PER CENT OF TOTAL	100.0				54.8	3.2			10.1		.8	23.3	7.8
1972													
PAHO--PR	1,361,934	20	1	23	870,748	49,894	7	37	93,414	-	22,075	279,088	46,615
PM	90,542	4	-	-	73,042	7,500	-	-	-	-	-	10,000	-
PG	248,671	2	-	-	88,615	7,818	-	-	8,510	-	350	26,046	117,332
WHO--WR	781,071	4	-	65	405,614	19,402	21	56	173,540	-	24,320	130,649	27,546
WT	278,633	6	-	27	217,145	10,485	3	2	45,082	-	-	4,721	1,200
WS	210,499	3	-	26	158,660	1,080	-	4	11,200	-	-	32,047	7,692
WO	548	-	-	-	548	-	-	-	-	-	-	-	-
TOTAL	2,971,998	39	1	141	1,814,392	96,179	31	99	331,746	-	46,745	482,551	200,385
PER CENT OF TOTAL	100.0				61.1	3.2			11.2		1.6	16.2	6.7

PAHO PR-REGULAR BUDGET  
 PM-SPECIAL FUND FOR MALARIA ERADICATION  
 PW-COMMUNITY WATER SUPPLY  
 PG-GRANTS AND OTHER CONTRIBUTIONS  
 PI-INCAP AND OTHER RELATED GRANTS

WHO WR-REGULAR BUDGET  
 WA-MALARIA ERADICATION SPECIAL ACCOUNT  
 WT-UNITED NATIONS TECHNICAL ASSISTANCE  
 WS-UNITED NATIONS SPECIAL FUND  
 WO-GRANTS AND OTHER FUNDS

## CUBA

## PROGRAM BUDGET

1 9 6 9		1 9 7 0		1 9 7 1		1 9 7 2	
AMOUNT	PERCENT	AMOUNT	PERCENT	AMOUNT	PERCENT	AMOUNT	PERCENT
\$		\$		\$		\$	
141,509	48.7	275,863	45.6	276,343	46.3	292,560	46.8
69,130	23.8	70,259	11.5	69,845	11.6	83,651	13.4
11,167	3.8	11,002	1.8	11,411	1.9	13,220	2.1
12,952	4.5	6,123	1.0	7,048	1.2	7,270	1.2
14,991	5.2	1,800	.3	1,800	.3	1,800	.3
5,343	1.8	14,624	2.4	12,517	2.1	15,079	2.4
1,142	.4	1,643	.3	1,845	.3	2,118	.3
1,99	*	7,408	1.2	6,144	1.0	6,432	1.0
23,210	8.0	27,445	4.5	28,828	4.8	37,192	6.0
226	.1	214	*	252	*	540	.1
72,379	24.9	205,604	34.1	206,498	34.7	208,909	33.4
14,272	4.9	19,923	3.3	21,203	3.6	22,262	3.6
3,753	1.3	16,124	2.7	16,706	2.8	17,738	2.8
54,290	18.7	168,678	27.9	167,681	28.1	167,973	26.8
64	*	879	.2	908	.2	936	.2
113,717	39.2	242,613	40.1	215,562	36.0	216,470	34.5
84,821	29.1	156,855	26.0	129,592	21.8	128,106	20.4
54,841	18.9	86,844	14.4	55,957	9.4	54,733	8.8
4,736	1.6	14,369	2.4	16,590	2.8	14,887	2.4
6,091	2.1	23,064	3.8	21,507	3.6	21,568	3.4
4,016	1.4	1,369	.2	1,587	.3	1,562	.2
6,424	2.2	6,944	1.2	6,926	1.2	7,183	1.1
1,592	.5	4,876	.8	11,029	1.8	12,709	2.0
7,121	2.4	19,389	3.2	15,996	2.7	15,464	2.5
28,896	10.1	85,758	14.1	85,970	14.2	88,364	14.1
1,625	.6	4,151	.7	3,408	.6	5,651	.9
10,749	3.7	32,250	5.3	33,074	5.5	33,470	5.3
746	.3	-	-	4,300	.7	3,883	.6
3,671	1.3	3,485	.6	4,400	.7	3,120	.5
1,425	.5	1,340	.2	4,500	.7	2,272	.4
3,707	1.3	14,639	2.4	4,600	.7	12,975	2.1
1,214	.4	2,031	.3	4,700	.7	3,187	.5
3,452	1.2	17,956	3.0	4,800	.7	15,368	2.5
2,307	.8	9,906	1.6	5,000	.8	8,438	1.3
35,449	12.4	86,206	14.3	105,010	17.7	116,861	18.7
5,021	1.7	5,093	.8	6,449	1.1	5,159	.8
20,440	7.0	63,931	10.6	82,990	13.9	95,130	15.2
461	.1	1,593	.3	6,300	1.0	2,396	.4
4,014	1.4	10,761	1.8	6,400	1.0	8,403	1.3
2,674	.9	403	.1	6,500	1.0	435	.1
865	.3	609	.1	6,600	1.0	1,198	.2
1,974	.7	3,816	.6	6,700	1.0	4,140	.7
290,675	100.0	604,682	100.0	596,915	100.0	625,891	100.0

\* LESS THAN .05 PERCENT

## CUBA

## SUMMARY OF INVESTMENT

SOURCE OF FUNDS	TOTAL AMOUNT	*-----PERSONNEL-----*			*--DUTY--*	*---FELLOWSHIPS---*		*---SEMINARS---*	*SUPPLIES*	*--GRANTS--*			
		POSTS PROF.	LOCAL	STC MONTH	TRAVEL AMOUNT	ACAD.	SHORT	PART.	AND EQUIPMENT	AND OTHER			
	\$			\$	\$			\$	\$	\$			
1969													
PAHO---PR	138,557	-	-	3	60,801	6,022	1	7	10,116	-	4,036	54,840	2,742
PM	1,251	-	-	-	1,087	18	-	-	-	-	-	56	90
PG	15,748	-	-	-	8,385	200	-	-	1,516	-	827	1,399	3,421
WHO---WR	98,274	-	-	5	28,864	3,235	3	10	19,212	-	2,820	40,609	3,534
WT	32,145	1	-	4	24,991	907	3	-	5,160	-	-	487	600
WS	4,589	-	-	-	3,435	272	-	-	-	-	-	615	267
WD	111	-	-	-	111	-	-	-	-	-	-	-	-
TOTAL	290,675	1	-	12	127,674	10,654	7	17	36,004	-	7,683	98,006	10,654
PER CENT OF TOTAL	100.0				43.9	3.7			12.4		2.6	33.7	3.7
1970													
PAHO---PR	228,411	-	-	5	77,783	7,509	1	22	37,602	-	9,403	92,429	3,685
PG	18,757	-	-	-	8,043	174	-	-	2,427	-	2,330	2,954	2,829
WHO---WR	200,395	-	-	20	66,512	2,641	3	8	28,905	-	4,026	93,161	5,150
WT	143,209	1	-	27	78,162	1,566	13	-	60,368	-	-	2,513	600
WS	13,795	-	-	-	10,450	360	-	-	-	-	-	2,442	543
WD	115	-	-	-	115	-	-	-	-	-	-	-	-
TOTAL	604,682	1	-	52	241,065	12,250	17	30	129,302	-	15,759	193,499	12,807
PER CENT OF TOTAL	100.0				39.9	2.0			21.4		2.6	32.0	2.1
1971													
PAHO---PR	296,587	-	-	9	89,988	6,891	1	22	37,364	-	302	158,989	3,953
PG	15,825	-	-	-	7,038	355	-	-	1,238	-	78	1,507	5,609
WHO---WR	158,646	-	-	23	82,393	2,932	4	14	39,251	-	4,877	23,003	6,190
WT	115,038	1	-	27	84,469	1,902	3	-	25,258	-	-	2,809	600
WS	10,694	-	-	-	8,964	360	-	-	-	-	-	764	606
WD	125	-	-	-	125	-	-	-	-	-	-	-	-
TOTAL	596,915	1	-	59	272,077	12,440	8	36	103,111	-	5,257	187,072	16,958
PER CENT OF TOTAL	100.0				45.6	2.1			17.3		.9	31.3	2.8
1972													
PAHO---PR	247,606	-	-	11	105,154	7,170	1	21	35,958	-	8,560	86,608	4,156
PG	16,836	-	-	-	7,614	155	-	-	1,521	-	117	1,437	5,992
WHO---WR	236,207	-	-	23	85,261	2,972	6	14	46,825	-	3,560	92,115	5,474
WT	115,038	1	-	27	84,469	1,902	3	-	25,258	-	-	2,809	600
WS	10,067	-	-	-	8,460	360	-	-	-	-	-	683	564
WD	137	-	-	-	137	-	-	-	-	-	-	-	-
TOTAL	625,891	1	-	61	291,095	12,559	10	35	109,562	-	12,237	183,652	16,786
PER CENT OF TOTAL	100.0				46.5	2.0			17.5		2.0	29.3	2.7

PAHO PR-REGULAR BUDGET  
 PM-SPECIAL FUND FOR MALARIA ERADICATION  
 PW-COMMUNITY WATER SUPPLY  
 PG-GRANTS AND OTHER CONTRIBUTIONS  
 PI-INCAP AND OTHER RELATED GRANTS

WHO WR-REGULAR BUDGET  
 WA-MALARIA ERADICATION SPECIAL ACCOUNT  
 WT-UNITED NATIONS TECHNICAL ASSISTANCE  
 WS-UNITED NATIONS SPECIAL FUND  
 WD-GRANTS AND OTHER FUNDS

DETAILCUBA-0200, MALARIA ERADICATION

THE MALARIA ERADICATION PROGRAM, WHICH BEGAN ITS PHASE ATTACK IN JANUARY 1962 HAS BEEN WELL FINANCED AND ADMINISTERED SINCE ITS INITIATION. ALL OF THE ORIGINAL MALARIOUS AREA (38,801 SQUARE KILOMETERS) IS NOW IN THE CONSOLIDATION PHASE, AND THE LAST AUTOCHTHONOUS CASE WAS REPORTED IN JUNE 1967. THE SURVEILLANCE ACTIVITIES ARE THE RESPONSIBILITY OF THE GENERAL HEALTH SERVICES.

AT THE PRESENT IT IS ESTIMATED THAT 2,805,000 PEOPLE, OR 34.2 PER CENT OF THE POPULATION OF THE COUNTRY, LIVE IN THE ORIGINAL MALARIOUS AREAS. DURING 1969, 746,827 BLOOD SLIDES WERE TAKEN, OF WHICH THREE WERE POSITIVE, WITH ONE CASE IMPORTED, ONE RELAPSE, AND ONE INDUCED.

IN THE NEAR FUTURE THIS PROGRAM WILL BE READY TO MOVE INTO THE MAINTENANCE PHASE.

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
		\$	\$	\$	\$			\$	\$	\$	\$
TOTAL	WR	10,150	3,000	3,000	2,000						
DUTY TRAVEL		965	-	-	-						
SUPPLIES AND EQUIPMENT		9,185	3,000	3,000	2,000						
EST. GOVERNMENT CONTRIB.			(1,000,000)	(1,000,000)	(1,000,000)						

CUBA-0300, SMALLPOX ERADICATION

SMALLPOX DOES NOT EXIST IN CUBA, BUT THERE IS THE CONSTANT DANGER OF ITS INTRODUCTION INTO A POPULATION THAT HAS ONLY AN ESTIMATED 3 PER CENT VACCINATED AGAINST THE DISEASE.

THE PURPOSE OF THIS PROJECT IS TO ASSIST IN EQUIPPING A LABORATORY FOR PRODUCTION OF FREEZE-DRIED SMALLPOX VACCINE TO ENSURE ADEQUATE STOCKS OF LOCALLY AVAILABLE VACCINE FOR A PROGRAM OF VACCINATION TO COVER A MINIMUM OF 80 PER CENT OF THE POPULATION IN FIVE YEARS.

TOTAL		1969	1970	1971	1972	TOTAL		1969	1970	1971	1972
CONSULTANT MONTHS	WR	-	1	1	1	PERSONNEL-CONSULTANTS	WR	14,991	1,800	1,800	1,800
						SUPPLIES AND EQUIPMENT		-	1,800	1,800	1,800
								14,991	-	-	-

CUBA-0400, TUBERCULOSIS CONTROL

EVEN THOUGH MORTALITY FROM TUBERCULOSIS IS LOW (11.7 PER 100,000 IN 1968), IT IS ESTIMATED THAT THE PREVALENCE RATE FOR TUBERCULOSIS AMONG THE GENERAL POPULATION IS 0.5 PER CENT.

THE PURPOSE OF THIS PROJECT IS TO COOPERATE WITH THE GOVERNMENT IN TRAINING PERSONNEL AND IN BRINGING DIAGNOSTIC AND THERAPEUTIC PROCEDURES UP TO DATE. FIRST STEPS WILL BE DEMONSTRATION AND PRACTICE AREAS IN HAVANA AND THE PROVINCE OF ORIENTE NORTE FOR LATER EXTENSION THROUGHOUT THE COUNTRY AND SHORT COURSES FOR IN-SERVICE TRAINING.

TOTAL		1969	1970	1971	1972	TOTAL		1969	1970	1971	1972
CONSULTANT MONTHS	PR	-	-	1	-	PERSONNEL-CONSULTANTS		2,320	10,200	6,600	10,200
						SEMINAR COSTS		-	-	1,800	-
						SUPPLIES AND EQUIPMENT		-	6,100	-	6,100
						FELLOWSHIPS		2,320	2,800	2,800	2,800
FELLOWSHIPS-SHORT TERM	PR	2	2	2	2						

CUBA-0600, VENEREAL DISEASES

THE GOVERNMENT OF CUBA HAS INTEGRATED VENEREAL DISEASE CONTROL INTO THE WORK OF THE GENERAL HEALTH SERVICES. IN ORDER TO REDUCE THE INCIDENCE OF THE DISEASES, IT IS PLANNED TO IMPROVE THE EPIDEMIOLOGICAL AND LABORATORY ASPECTS OF THE CONTROL PROGRAM.

TOTAL		1969	1970	1971	1972	TOTAL		1969	1970	1971	1972
CONSULTANT MONTHS	WR	-	2	2	2	PERSONNEL-CONSULTANTS		-	7,000	6,000	6,000
						SUPPLIES AND EQUIPMENT		-	3,600	3,600	3,600
						FELLOWSHIPS		-	2,000	1,000	1,000
FELLOWSHIPS-SHORT TERM	WR	-	1	1	1			-	1,400	1,400	1,400

CUBA-0700, ZOOZOSES CONTROL

THE PURPOSE OF THIS PROJECT IS TO PROMOTE, WITHIN THE PUBLIC HEALTH SERVICES, PROGRAMS FOR THE CONTROL AND PREVENTION OF THE PRINCIPAL ZOOZOSES, ESPECIALLY BRUCELLOSIS, BOVINE TUBERCULOSIS, AND RABIES.

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## CUBA-0700, ZOONOSES CONTROL . . . CONTINUED

CUBA-0700, ZOONOSES CONTROL . . . CONTINUED					CUBA-0700, ZOONOSES CONTROL . . . CONTINUED						
FUND 1969 1970 1971 1972					FUND 1969 1970 1971 1972						
					PR						
					\$ \$ \$ \$						
TOTAL		2	-	3	6	TOTAL		5,847	8,700	10,600	16,000
CONSULTANT MONTHS	PR	2	-	3	6	PERSONNEL-CONSULTANTS		4,467	-	5,400	10,800
TOTAL		1	3	3	3	SUPPLIES AND EQUIPMENT		-	4,500	1,000	1,000
FELLOWSHIPS-SHORT TERM	PR	1	3	3	3	FELLOWSHIPS		1,380	4,200	4,200	4,200

## CUBA-2100, ENVIRONMENTAL SANITATION

THE PURPOSE OF THIS PROJECT IS TO COOPERATE WITH THE GOVERNMENT IN PLANNING AND IMPLEMENTING PROGRAMS DESIGNED TO IMPROVE ENVIRONMENTAL SANITATION CONDITIONS IN URBAN AND RURAL AREAS. PRIORITY WILL BE GIVEN TO WATER SUPPLY AND SEWAGE DISPOSAL, BUT THE WORK WILL ALSO COVER DISPOSAL OF SOLID WASTES, AIR AND WATER POLLUTION, INDUSTRIAL HYGIENE, AND THE DEVELOPMENT OF A PROGRAM OF CONTINUING EDUCATION IN SANITARY ENGINEERING SUBJECTS AT THE UNIVERSITY OF HAVANA.

CUBA-2100, ENVIRONMENTAL SANITATION					CUBA-2100, ENVIRONMENTAL SANITATION						
FUND 1969 1970 1971 1972					FUND 1969 1970 1971 1972						
					WR						
					\$ \$ \$ \$						
TOTAL		4	3	3	3	TOTAL		7,395	11,600	11,600	11,600
CONSULTANT MONTHS	WR	4	3	3	3	PERSONNEL-CONSULTANTS		7,395	5,400	5,400	5,400
TOTAL		-	3	3	3	SUPPLIES AND EQUIPMENT		-	2,000	2,000	2,000
FELLOWSHIPS-SHORT TERM	WR	-	3	3	3	FELLOWSHIPS		-	4,200	4,200	4,200

## CUBA-2200, WATER SUPPLIES

THE ESTIMATED POPULATION OF CUBA IN 1969 WAS 7,950,000, 63 PER CENT URBAN AND 37 PER CENT RURAL. SEVENTY-SEVEN PER CENT OF THE POPULATION LIVING IN COMMUNITIES OF 1,000 OR MORE AND 60 PER CENT OF THE RURAL POPULATION ARE SERVED BY HOUSE CONNECTIONS, BUT MOST OF THE WATER SUPPLY SYSTEMS ARE CONSIDERED UNSATISFACTORY, PRIMARILY BECAUSE DEMAND ON THEM NOW EXCEEDS THE ORIGINAL DESIGNS. IT IS ESTIMATED THAT 21 PER CENT OF THE URBAN POPULATION IS SERVED BY SEWERAGE SYSTEMS. IT HAS BEEN REPORTED THAT CUBA PLANS TO SPEND, DURING THE NEXT FOUR YEARS, \$92,800,000 FOR URBAN WATER SUPPLIES, \$21,900,000 FOR RURAL WATER SUPPLIES AND \$72,000,000 FOR URBAN SEWERAGE SYSTEMS.

CUBA-2200, WATER SUPPLIES					CUBA-2200, WATER SUPPLIES						
FUND 1969 1970 1971 1972					FUND 1969 1970 1971 1972						
					WR						
					\$ \$ \$ \$						
TOTAL		-	2	2	2	TOTAL		-	10,400	10,400	10,400
CONSULTANT MONTHS	WR	-	2	2	2	PERSONNEL-CONSULTANTS		-	3,600	3,600	3,600
TOTAL		-	3	3	3	FELLOWSHIPS		-	6,800	6,800	6,800
FELLOWSHIPS-ACADEMIC	WR	-	1	1	1						
FELLOWSHIPS-SHORT TERM	WR	-	2	2	2						

## CUBA-2300, AEDES AEGYPTI ERADICATION

IN RECENT YEARS THE AEDES AEGYPTI CAMPAIGN IN CUBA CONCENTRATED ON THE PROVINCE OF PINAR DEL RIO, HAVANA, MATANZAS, AND PART OF LAS VILLAS. RESULTS WERE LIMITED, MAINLY DUE TO RESISTANCE OF AEDES AEGYPTI TO DDT IN THE PROVINCE OF LA HABANA, TO FREQUENT REINFESTATIONS IN THE AREAS UNDER TREATMENT, AND TO THE IMPOSSIBILITY OF ADEQUATELY COVERING THEM WITH THE PERSONNEL AVAILABLE.

TO ELIMINATE THESE DIFFICULTIES AND ENSURE THE SUCCESS OF THE CAMPAIGN, THE GOVERNMENT DECIDED TO INCORPORATE THE CAMPAIGN INTO THE GENERAL SERVICES AND TO INTENSIFY THE ERADICATION CAMPAIGN SO THAT IT WOULD COVER ALL INFESTED AREAS OF THE COUNTRY SIMULTANEOUSLY. UNDER THE NEW PLAN, THE ATTACK PHASE OF THE PROGRAM SHOULD BE COMPLETED IN THE ENTIRE ISLAND BY JUNE 1971.

CUBA-2300, AEDES AEGYPTI ERADICATION					CUBA-2300, AEDES AEGYPTI ERADICATION						
FUND 1969 1970 1971 1972					FUND 1969 1970 1971 1972						
					PR						
					\$ \$ \$ \$						
TOTAL		-	3	3	3	TOTAL		45,057	156,800	156,800	155,400
CONSULTANT MONTHS	PR	-	3	3	3	SUBTOTAL		45,057	81,800	156,800	80,400
TOTAL		-	1	1	-	PERSONNEL-CONSULTANTS		-	5,400	5,400	5,400
FELLOWSHIPS-SHORT TERM	PR	-	1	1	-	SUPPLIES AND EQUIPMENT		45,057	75,000	150,000	75,000
						FELLOWSHIPS		-	1,400	1,400	-
						SUBTOTAL		-	75,000	-	75,000
						SUPPLIES AND EQUIPMENT		-	75,000	-	75,000

## CUBA-3100, HEALTH SERVICES

THE PURPOSE OF THIS PROJECT IS TO REFINER AND IMPROVE THE ORGANIZATION AND FUNCTIONING OF THE GENERAL HEALTH SERVICES; TO IMPROVE THE ADMINISTRATION OF MEDICAL CARE INSTITUTIONS AT ALL LEVELS OF GOVERNMENT; AND TO CONTRIBUTE TO THE DEVELOPMENT OF SPECIALIZED SERVICES AT THE NATIONAL LEVEL. THE GOVERNMENT HAS REORGANIZED AND IMPROVED ITS CENTRAL AND REGIONAL SERVICES AND HAS EXPANDED CONSIDERABLY ITS HEALTH SERVICES, ESPECIALLY IN THE CARE OF MOTHERS AND CHILDREN, IN ENVIRONMENTAL SANITATION, IN CONTROL OF COMMUNICABLE DISEASES, IN HEALTH EDUCATION AND BIOSTATISTICS, AND IN PROVISION OF MEDICAL CARE SERVICES.

THE GOVERNMENT PLANS NOW TO EMPHASIZE IMPROVEMENTS AT THE LEVEL OF THE OPERATING INSTITUTION WITH A VIEW TOWARD MORE EFFICIENT ADMINISTRATION OF ITS HOSPITALS AND THE DEVELOPMENT OF SOME SPECIALIZED SERVICES AT THE NATIONAL LEVEL.

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CUBA-3100, HEALTH SERVICES . . . CONTINUED

<u>FUND 1969 1970 1971 1972</u>					<u>FUND 1969 1970 1971 1972</u>					
<u>-----</u>					<u>-----</u>					
					<u>\$ \$ \$ \$</u>					
<u>TOTAL</u>		<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>TOTAL</u>	<u>56,461</u>	<u>118,800</u>	<u>88,925</u>	<u>87,925</u>
<u>P-5 PAHO/WHO REPRESENTATIVE</u>	<u>WT</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>SUBTOTAL</u>	<u>27,031</u>	<u>3,500</u>	<u>14,625</u>	<u>13,625</u>
<u>4.0423</u>										
<u>TOTAL</u>		<u>4</u>	<u>18</u>	<u>18</u>	<u>18</u>	<u>SUPPLIES AND EQUIPMENT</u>	<u>6,882</u>	<u>-</u>	<u>2,725</u>	<u>1,725</u>
<u>CONSULTANT MONTHS</u>	<u>WT</u>	<u>4</u>	<u>18</u>	<u>18</u>	<u>18</u>	<u>FELLOWSHIPS</u>	<u>17,978</u>	<u>-</u>	<u>8,400</u>	<u>8,400</u>
<u>TOTAL</u>		<u>14</u>	<u>12</u>	<u>8</u>	<u>8</u>	<u>COMMON SERVICES</u>	<u>2,171</u>	<u>3,500</u>	<u>3,500</u>	<u>3,500</u>
<u>FELLOWSHIPS-ACADEMIC</u>	<u>WR</u>	<u>3</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>SUBTOTAL</u>	<u>29,430</u>	<u>115,300</u>	<u>74,300</u>	<u>74,300</u>
<u>FELLOWSHIPS-ACADEMIC</u>	<u>WT</u>	<u>2</u>	<u>12</u>	<u>2</u>	<u>2</u>	<u>PERSONNEL-POSTS</u>	<u>20,906</u>	<u>22,500</u>	<u>22,500</u>	<u>22,500</u>
<u>FELLOWSHIPS-SHORT TERM</u>	<u>WR</u>	<u>9</u>	<u>-</u>	<u>6</u>	<u>6</u>	<u>PERSONNEL-CONSULTANTS</u>	<u>3,645</u>	<u>36,000</u>	<u>36,000</u>	<u>36,000</u>
						<u>DUTY TRAVEL</u>	<u>861</u>	<u>1,500</u>	<u>1,500</u>	<u>1,500</u>
						<u>SUPPLIES AND EQUIPMENT</u>	<u>7</u>	<u>1,500</u>	<u>1,500</u>	<u>1,500</u>
						<u>FELLOWSHIPS</u>	<u>4,011</u>	<u>53,800</u>	<u>12,800</u>	<u>12,800</u>

CUBA - 3300, LABORATORY SERVICES

PROGRAMS OF IMMUNIZATION AGAINST COMMUNICABLE DISEASES HAVE REACHED A HIGH STATE OF DEVELOPMENT IN CUBA. DEMANDS OF THESE PROGRAMS FOR BIOLOGICAL PRODUCTS ARE MET PARTIALLY BY THE NATIONAL INSTITUTE OF HYGIENE, BUT ABOUT \$3 MILLION ARE SPENT FOR IMPORTS EACH YEAR. PLANS ARE UNDER WAY TO EXPAND THE FACILITIES FOR PRODUCTION OF BIOLOGICALS AT THE INSTITUTE, AND A REQUEST TO THE UNITED NATIONS DEVELOPMENT PROGRAM HAS BEEN MADE.

<u>TOTAL</u>		<u>1</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>TOTAL</u>	<u>5,677</u>	<u>8,400</u>	<u>8,400</u>	<u>8,400</u>
<u>CONSULTANT MONTHS</u>	<u>WR</u>	<u>1</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>PERSONNEL-CONSULTANTS</u>	<u>677</u>	<u>3,600</u>	<u>3,600</u>	<u>3,600</u>
<u>TOTAL</u>		<u>-</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>SUPPLIES AND EQUIPMENT</u>	<u>5,000</u>	<u>2,000</u>	<u>2,000</u>	<u>2,000</u>
<u>FELLOWSHIPS-SHORT TERM</u>	<u>WR</u>	<u>-</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>FELLOWSHIPS</u>	<u>-</u>	<u>2,800</u>	<u>2,800</u>	<u>2,800</u>

CUBA-4200, NUTRITION

THE PURPOSE OF THIS PROJECT IS TO IMPROVE THE NUTRITIONAL LEVEL OF THE POPULATION AS PART OF AN INTEGRATED PUBLIC HEALTH EFFORT.

A PROGRAM OF APPLIED NUTRITION, IN WHICH FAO, UNESCO, AND UNICEF COOPERATE, BEGAN WITH THE ESTABLISHMENT OF A DEMONSTRATION AREA IN THE MUNICIPALITY OF ALQUIZAR, PROVINCE OF HAVANA. ACTIVITIES WILL INCLUDE CARRYING OUT NUTRITION SURVEYS, INCREASING THE PRODUCTION AND DISTRIBUTION OF FOOD PRODUCTS, BROADENING THE TEACHING OF NUTRITION AND DIET IN THE EDUCATIONAL SYSTEM OF THE COUNTRY AND EXTENDING IT TO THE FAMILY AND THE COMMUNITY, AND TRAINING THE PROFESSIONAL AND AUXILIARY PERSONNEL REQUIRED FOR THE PROGRAM.

<u>TOTAL</u>		<u>-</u>	<u>9</u>	<u>9</u>	<u>9</u>	<u>TOTAL</u>	<u>1,629</u>	<u>24,725</u>	<u>24,725</u>	<u>24,725</u>
<u>CONSULTANT MONTHS</u>	<u>WT</u>	<u>-</u>	<u>9</u>	<u>9</u>	<u>9</u>	<u>PERSONNEL-CONSULTANTS</u>	<u>-</u>	<u>18,000</u>	<u>18,000</u>	<u>18,000</u>
<u>TOTAL</u>		<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>SUPPLIES AND EQUIPMENT</u>	<u>480</u>	<u>925</u>	<u>925</u>	<u>925</u>
<u>FELLOWSHIPS-ACADEMIC</u>	<u>WT</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>FELLOWSHIPS</u>	<u>1,149</u>	<u>5,800</u>	<u>5,800</u>	<u>5,800</u>

CUBA-4600, INDUSTRIAL HYGIENE

THE PURPOSE OF THIS PROJECT IS TO COOPERATE WITH THE GOVERNMENT IN REVIEWING OCCUPATIONAL HEALTH PROBLEMS AND THE USE MADE OF RESOURCES AVAILABLE FOR DEALING WITH THEM. A STUDY WILL BE MADE OF ATMOSPHERIC CONDITIONS THROUGH THE INSTALLATION OF AIR SAMPLING STATIONS IN HAVANA AND MATANZAS, TO PROVIDE A BASIS FOR THE PLANNING OF CONTROL MEASURES.

<u>TOTAL</u>		<u>-</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>TOTAL</u>	<u>2,388</u>	<u>13,000</u>	<u>12,000</u>	<u>11,000</u>
<u>CONSULTANT MONTHS</u>	<u>PR</u>	<u>-</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>PERSONNEL-CONSULTANTS</u>	<u>-</u>	<u>3,600</u>	<u>3,600</u>	<u>3,600</u>
<u>TOTAL</u>		<u>3</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>SUPPLIES AND EQUIPMENT</u>	<u>1,198</u>	<u>4,000</u>	<u>3,000</u>	<u>2,000</u>
<u>FELLOWSHIPS-ACADEMIC</u>	<u>PR</u>	<u>-</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>FELLOWSHIPS</u>	<u>1,190</u>	<u>5,400</u>	<u>5,400</u>	<u>5,400</u>
<u>FELLOWSHIPS-SHORT TERM</u>	<u>PR</u>	<u>3</u>	<u>1</u>	<u>1</u>	<u>1</u>					

CUBA-6100, SCHOOL OF PUBLIC HEALTH

THE PURPOSE OF THIS PROJECT IS TO ASSIST IN DEVELOPING THE SCHOOL OF PUBLIC HEALTH, WHICH IS TRAINING PROFESSIONAL PERSONNEL FOR THE COUNTRY'S EXPANDING HEALTH SERVICES.

IN 1969 A FELLOWSHIP WAS AWARDED FOR STUDY ABROAD. AS OF 1970 THIS PROJECT IS MERGED WITH CUBA-6200, DEVELOPMENT OF HUMAN RESOURCES.

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## CUBA-6100, SCHOOL OF PUBLIC HEALTH . . . CONTINUED

	FUND 1969 1970 1971 1972					FUND 1969 1970 1971 1972			
						\$	\$	\$	\$
TOTAL		1	-	-	TOTAL	WR	980	-	-
FELLOWSHIPS-SHORT TERM	WR	1	-	-	FELLOWSHIPS		980	-	-

## CUBA-6200, MEDICAL EDUCATION

THE PURPOSE OF THIS PROJECT IS TO COOPERATE WITH THE GOVERNMENT IN STRENGTHENING THE TEACHING PROGRAMS AT THE MEDICAL AND PROFESSIONAL SCHOOLS IN THE COUNTRY TO MEET THEIR HEALTH MANPOWER NEEDS, IN INTRODUCING SOCIAL AND PREVENTIVE MEDICINE CONCEPTS INTO THE CURRICULUM, AND IN IMPROVING LIBRARY FACILITIES.

THE PROJECT NOW ENCOMPASSES ACTIVITIES FORMERLY UNDERTAKEN IN PROJECTS CUBA-6100, CUBA-6101, AND CUBA-6500.

	FUND 1969 1970 1971 1972					FUND 1969 1970 1971 1972			
						\$	\$	\$	\$
TOTAL		-	8	11	TOTAL		4,614	50,400	57,800
CONSULTANT MONTHS	WR	-	8	11	CONSULTANT MONTHS		-	-	-
TOTAL		2	17	18	TOTAL		4,614	21,000	21,000
FELLOWSHIPS-ACADEMIC	PR	1	-	-	FELLOWSHIPS-ACADEMIC		364	-	-
FELLOWSHIPS-ACADEMIC	WR	-	2	3	FELLOWSHIPS-ACADEMIC		4,250	21,000	21,000
FELLOWSHIPS-SHORT TERM	PR	1	15	15	FELLOWSHIPS-SHORT TERM		-	29,400	36,800
					PERSONNEL-CONSULTANTS		-	14,400	19,800
					SUPPLIES AND EQUIPMENT		-	7,000	5,000
					FELLOWSHIPS		-	8,000	12,000

## CUBA-6400, SANITARY ENGINEERING EDUCATION

THE PURPOSE OF THIS PROJECT IS TO IMPROVE THE TECHNICAL TRAINING OF PROFESSIONAL AND AUXILIARY PERSONNEL EMPLOYED IN SANITARY ENGINEERING WORK, ESPECIALLY WATER AND SEWERAGE WORKS, AND TO CARRY OUT SANITARY ENGINEERING RESEARCH. INTENSIVE SHORT COURSES IN VARIOUS ENVIRONMENTAL SUBJECTS, SUCH AS OCCUPATIONAL HEALTH AND WATER FLUORIDATION, HAVE BEEN HELD AT THE NATIONAL UNIVERSITY OF HAVANA WITH THE COLLABORATION OF THE MINISTRY OF HEALTH AND OF THE INSTITUTE OF WATER RESOURCES. ALSO, A REVISION OF THE SANITARY ENGINEERING SUBJECTS IN THE CURRICULUM IS BEING MADE.

	FUND 1969 1970 1971 1972					FUND 1969 1970 1971 1972			
						\$	\$	\$	\$
TOTAL		-	2	2	TOTAL	WR	3,370	9,700	7,100
CONSULTANT MONTHS	WR	-	2	2	CONSULTANT MONTHS		-	3,600	3,600
					PERSONNEL-CONSULTANTS		-	5,100	2,500
					COURSE COSTS		3,370	1,000	1,000
					SUPPLIES AND EQUIPMENT				

## CUBA-6500, VETERINARY MEDICINE EDUCATION

THE PURPOSE OF THIS PROJECT IS TO COOPERATE WITH THE SCHOOLS OF VETERINARY MEDICINE IN REVIEWING AND STRENGTHENING THEIR TEACHING PROGRAMS, PARTICULARLY IN REGARD TO PREVENTIVE MEDICINE AND PUBLIC HEALTH.

IN 1969 A SHORT-TERM CONSULTANT ASSISTED THE SCHOOL OF VETERINARY MEDICINE IN HAVANA IN REORGANIZING THE TEACHING PROGRAM IN EPIDEMIOLOGY, PUBLIC HEALTH, AND PREVENTIVE MEDICINE.

BEGINNING WITH 1970, THE PROJECT IS MERGED WITH CUBA-6200, DEVELOPMENT OF HUMAN RESOURCES.

	FUND 1969 1970 1971 1972					FUND 1969 1970 1971 1972			
						\$	\$	\$	\$
TOTAL		1	-	-	TOTAL	PR	2,674	-	-
CONSULTANT MONTHS	PR	1	-	-	CONSULTANT MONTHS		2,674	-	-
					PERSONNEL-CONSULTANTS				



CUBA  
PORTIONS OF INTERCOUNTRY PROJECTS

	1969	1970	1971	1972
	\$	\$	\$	\$
<b>TOTAL AMRC PROJECTS</b>	<b>127,122</b>	<b>170,157</b>	<b>191,165</b>	<b>207,541</b>
0102 EPIDEMIOLOGY -- ZONE II	11,167	11,002	11,411	11,819
9111 EPIDEMIOLOGICAL SURVEILLANCE PROGRAM	-	-	-	1,401
0200 MALARIA TECHNICAL ADVISORY SERVICES	2,592	2,254	2,390	2,578
0217 FIELD INVESTIGATION OF MASS DRUG TREATMENT	210	-	-	-
0219 DATA PROCESSING & OPERATIONS RESEARCH IN MALARIA ERADICATION	-	869	1,658	2,692
0402 TUBERCULOSIS CONTROL -- ZONE II	3,023	4,424	4,909	4,879
0408 SEMINAR ON TUBERCULOSIS CONTROL	-	-	1,008	-
0500 LEPROSY CONTROL	1,142	1,643	1,845	2,118
0600 VENEREAL DISEASE CONTROL	99	408	144	432
0700 PAN AMERICAN ZOONOSES CENTER - RAMOS MEJIA	7,748	8,517	8,483	9,378
0702 VETERINARY PUBLIC HEALTH -- ZONE II	9,615	9,189	9,745	10,100
0713 SEMINAR ON ANIMAL TUBERCULOSIS	-	1,039	-	-
0714 SYMPOSIUM ON THE HEALTH ASPECTS OF THE INTERNAL MOVEMENT OF ANIMALS	-	-	-	1,004
0718 SEMINAR ON EPIDEMIOLOGY OF THE ZOONOSES	-	-	-	710
1008 CHAGAS' DISEASE	226	214	252	540
2100 ENVIRONMENTAL SANITATION	135	352	352	602
2102 SANITARY ENGINEERING -- ZONE II	6,262	7,325	7,097	7,756
2114 PAN AMERICAN SANITARY ENGINEERING CENTER	4,783	8,247	10,443	11,161
2213 STUDIES AND INVESTIGATIONS OF WATER RESOURCES	486	1,144	1,352	1,352
2215 APPLIED RESEARCH ON WATER SUPPLIES	347	-	150	300
2223 SEMINARS ON PUBLIC SERVICES ADMINISTRATION	-	-	-	458
2300 Aedes Aegypti ERADICATION	9,233	11,878	10,881	12,573
3110 COORDINATION OF INTERNATIONAL RESEARCH	2,025	1,250	1,368	1,976
3124 APPLICATION OF DATA PROCESSING TO HEALTH ADMINISTRATION	393	-	-	-
3129 RESEARCH TRAINING IN BIOMEDICAL SCIENCES	-	1,664	1,664	832
3130 CONFERENCE ON MYCOLOGY	-	1,130	-	-
3200 NURSING SERVICES	247	863	919	1,204
3202 NURSING -- ZONE II	767	2,420	2,974	3,178
3210 HOSPITAL NURSING SERVICES	26	956	1,172	1,238
3211 SEMINAR ON PLANNING FOR NURSING	713	-	-	-
3213 SEMINAR ON ADMINISTRATION OF NURSING SERVICES	-	-	1,916	-
3300 LABORATORY SERVICES	414	483	502	502
3310 CONFERENCE ON VIRAL AND RICKETTSIAL VACCINES	-	1,406	-	-
3311 TRAINING LABORATORY PERSONNEL	-	775	605	666
340C HEALTH EDUCATION	58	249	373	373
3407 COMMUNITY DEVELOPMENT TRAINING CENTER	1,228	1,120	1,214	1,189
3408 CONFERENCE ON POSTGRADUATE TRAINING IN HEALTH EDUCATION	1,671	-	-	-
3409 STUDY GROUP ON HEALTH EDUCATION AND PLANNING	1,059	-	-	-
3500 HEALTH STATISTICS	14	-	351	308
3502 HEALTH STATISTICS -- ZONE II	6,017	6,325	6,575	6,875
3516 REGIONAL SEMINAR ON DATA PROCESSING	-	619	-	-
3600 ADMINISTRATIVE METHODS AND PRACTICES IN PUBLIC HEALTH	1,592	1,533	1,568	2,210
3602 ADMINISTRATIVE METHODS AND PRACTICES - ZONE II	-	3,343	4,368	5,406
3607 MANAGEMENT OF HEALTH SERVICES	-	-	5,093	5,093
3700 HEALTH PLANNING	2,098	4,196	3,904	4,074
3715 PAN AMERICAN PROGRAM FOR HEALTH PLANNING	5,023	15,193	12,092	11,390
4100 MATERNAL AND CHILD HEALTH	64	400	437	1,447
4108 CLINICAL AND SOCIAL PEDIATRICS	760	1,311	1,311	1,311
4115 NURSING-MIDWIFERY EDUCATION	611	-	-	-
4117 STAFFING MATERNAL AND CHILD HEALTH SERVICES	-	281	281	-
4118 STUDY GROUP ON GUIDE FOR NURSING-MIDWIFERY SERVICES	-	-	-	1,243
4119 MATERNAL AND CHILD HEALTH FELLOWSHIPS	-	1,625	696	869
4200 NUTRITION ADVISORY SERVICES	257	389	591	603
4203 INSTITUTE OF NUTRITION OF CENTRAL AMERICA AND PANAMA	8,719	7,136	6,996	7,380
4221 SEMINAR ON NUTRITION IN FOOD AND HEALTH POLICIES	144	-	200	200
4233 NUTRITION TEACHING IN MEDICAL SCHOOLS	-	-	562	562
4300 MENTAL HEALTH	-	-	900	900
4311 STUDY GROUP ON ADM. OF PSYCHIATRIC & MENTAL HEALTH SERVICES	746	-	-	-
4314 EPIDEMIOLOGICAL STUDY ON EPILEPSY	-	-	2,380	2,380
4315 STUDY GROUP ON TRAINING PSYCHIATRISTS	-	-	-	603
4409 FLORIDATION	3,671	3,485	3,222	3,120
4500 HEALTH ASPECTS OF RADIATION	-	-	2,900	870
4507 RADIATION HEALTH PROTECTION	1,425	1,340	1,371	1,402
4700 FOOD AND DRUG CONTROL	1,214	1,289	1,337	1,386
4708 FOOD HYGIENE TRAINING CENTER	-	-	1,250	1,801
4711 FOOD AND DRUG CONTROL SEMINAR	-	742	-	-
4800 MEDICAL CARE SERVICES	1,014	859	1,197	1,219

## CUBA - PORTIONS OF INTERCOUNTRY PROJECTS . . . CONTINUED

4802	MEDICAL CARE SERVICES -- ZONE II	-	1,080	-	1,080
4810	CHRONIC DISEASES	1,008	1,240	1,294	1,347
4813	HOSPITAL PLANNING AND ADMINISTRATION	151	275	2,443	2,485
4815	TRAINING FOR MEDICAL CARE AND HOSPITAL ADMINISTRATION	167	7,166	1,101	1,285
4819	SEMINAR ON CANCER REGISTRATION	640	-	-	-
5000	REHABILITATION	2,307	2,661	2,475	2,438
5008	SEMINAR ON REHABILITATION	-	1,245	-	-
6000	MEDICAL EDUCATION - TEXTBOOKS AND TEACHING	9,961	4,700	4,700	5,639
6100	SCHOOLS OF PUBLIC HEALTH	3,083	5,093	4,496	5,159
6107	SEMINARS ON SCHOOLS OF PUBLIC HEALTH	958	-	1,933	-
6200	MEDICAL EDUCATION	2,708	2,432	2,346	2,419
6202	MEDICAL EDUCATION -- ZONE II	-	1,080	1,440	1,440
6214	FACULTY TRAINING FOR MEDICAL SCHOOLS	-	1,770	-	-
6216	PREVENTIVE MEDICINE EDUCATION	2,815	2,081	1,682	1,753
6221	LIBRARY OF MEDICINE	-	-	7,234	9,513
6222	SEMINAR ON TEACHING PREVENTIVE AND SOCIAL MEDICINE	-	940	-	-
6223	TEACHING OF BEHAVIORAL SCIENCES	342	528	7,528	7,528
6225	SURVEY OF FELLOWSHIP PROGRAMS	-	-	260	-
6226	COMMUNITY-CENTERED RESEARCH IN MEDICAL EDUCATION	-	-	-	1,038
6300	NURSING EDUCATION	461	187	187	294
6319	TRAINING OF NURSING AUXILIARIES	-	1,406	1,666	2,102
6400	SANITARY ENGINEERING EDUCATION	644	558	563	585
6500	VETERINARY MEDICINE EDUCATION	-	403	403	435
6600	DENTAL EDUCATION	703	318	625	641
6608	TRAINING OF AUXILIARY DENTAL PERSONNEL	162	291	291	557
6700	BIOSTATISTICS EDUCATION	600	2,040	2,040	2,040
6707	LATIN AMERICAN CENTER FOR THE CLASSIFICATION OF DISEASES	881	1,011	1,186	1,214
6708	TRAINING PROGRAM IN HOSPITAL STATISTICS	493	765	843	886

## CUBA

## SUMMARY OF INVESTMENTS BY SOURCE OF FUNDS

SOURCE OF FUNDS	*-----COUNTRY PROJECTS-----*				*-----PORTIONS OF INTER-COUNTRY PROJECTS-----*			
	1969	1970	1971	1972	1969	1970	1971	1972
TOTAL FUNDS	163,553	434,525	405,750	418,350	127,122	170,157	191,165	207,541
PR PAHO REGULAR	62,900	134,700	207,000	138,600	75,657	93,711	89,587	109,006
PM PAHO SPECIAL MALARIA	-	-	-	-	1,251	-	-	-
PG PAHO GRANTS & OTHER CONTRIB.	-	-	-	-	15,748	18,757	15,825	16,836
WR WHO REGULAR	69,554	155,800	99,725	180,725	28,680	40,595	58,921	55,482
WT WHO TECHNICAL ASSISTANCE	31,059	140,025	99,025	99,025	1,086	3,184	16,013	16,013
WS UNITED NATIONS SPECIAL FUND	-	-	-	-	4,589	13,795	10,694	10,067
WD WHO GRANTS & OTHER FUNDS	-	-	-	-	111	115	125	137

SOURCE OF FUNDS	*-----TOTAL ALL PROJECTS-----*			
	1969	1970	1971	1972
TOTAL FUNDS	290,675	604,682	596,915	625,891
PR PAHO REGULAR	138,557	228,411	296,587	247,606
PM PAHO SPECIAL MALARIA	1,251	-	-	-
PG PAHO GRANTS & OTHER CONTRIB.	15,748	18,757	15,825	16,836
WR WHO REGULAR	98,274	200,395	158,646	236,207
WT WHO TECHNICAL ASSISTANCE	32,145	143,209	115,038	115,038
WS UNITED NATIONS SPECIAL FUND	4,589	13,795	10,694	10,067
WD WHO GRANTS & OTHER FUNDS	111	115	125	137

## DOMINICAN REPUBLIC

## PROGRAM BUDGET

1 9 6 9		1 9 7 0			1 9 7 1		1 9 7 2	
AMOUNT	PERCENT	AMOUNT	PERCENT		AMOUNT	PERCENT	AMOUNT	PERCENT
\$		\$			\$		\$	
175,517	35.7	180,404	33.6	I. PROTECTION OF HEALTH	163,260	28.8	165,709	30.8
81,459	16.6	78,778	14.7	A. COMMUNICABLE DISEASES	67,504	11.9	72,822	13.6
4,188	.9	4,126	.8	0100 GENERAL	4,279	.8	5,833	1.1
64,352	13.1	31,968	6.0	0200 MALARIA	33,426	5.9	41,180	7.6
2,923	.6	30,652	5.7	0400 TUBERCULOSIS	17,979	3.2	10,603	2.0
816	.2	1,174	.2	0500 LEPROSY	1,318	.2	1,513	.3
99	*	408	.1	0600 VENEREAL DISEASES	144	*	432	.1
7,485	1.5	8,748	1.6	0700 ZOOZOSES	7,900	1.4	10,215	1.9
1,596	.3	1,702	.3	1000 PARASITIC DISEASES	2,458	.4	3,046	.6
94,058	19.1	101,626	18.9	B. ENVIRONMENTAL HEALTH	95,756	16.9	92,887	17.2
17,740	3.6	29,051	5.4	2100 GENERAL	34,799	6.1	25,872	4.8
71,638	14.6	65,548	12.2	2200 WATER SUPPLIES	54,389	9.6	59,563	11.0
4,616	.9	5,938	1.1	2300 AEDES AEGYPTI ERADICATION	5,441	1.0	6,288	1.2
64	*	1,089	.2	2400 HOUSING	1,127	.2	1,164	.2
285,899	58.4	312,227	58.2	II. PROMOTION OF HEALTH	341,617	60.0	321,820	59.4
178,154	36.4	177,615	33.2	A. GENERAL SERVICES	188,167	33.1	185,817	34.4
116,297	23.7	67,453	12.6	3100 GENERAL PUBLIC HEALTH	67,550	11.9	72,420	13.4
18,130	3.7	24,959	4.7	3200 NURSING	28,886	5.1	18,768	3.5
4,836	1.0	25,936	4.8	3300 LABORATORY	25,268	4.4	26,217	4.8
1,815	.4	1,369	.3	3400 HEALTH EDUCATION	1,587	.3	1,562	.3
15,039	3.1	20,375	3.8	3500 STATISTICS	24,193	4.3	25,418	4.7
16,592	3.4	21,799	4.1	3600 ADMINISTRATIVE METHODS	28,718	5.0	29,765	5.5
5,445	1.1	15,724	2.9	3700 HEALTH PLANNING	11,965	2.1	11,667	2.2
107,745	22.0	134,612	25.0	B. SPECIFIC PROGRAMS	153,450	26.9	136,003	25.0
12,268	2.5	17,054	3.2	4100 MATERNAL AND CHILD HEALTH	19,632	3.5	16,481	3.0
47,702	9.7	52,890	9.8	4200 NUTRITION	60,588	10.6	57,270	10.6
746	.2	-	-	4300 MENTAL HEALTH	-	-	615	.1
3,744	.8	3,553	.7	4400 DENTAL HEALTH	3,284	.6	3,180	.6
1,425	.3	1,339	.2	4500 RADIATION AND ISOTOPES	1,371	.2	2,272	.4
1,319	.3	1,639	.3	4600 OCCUPATIONAL HEALTH	1,909	.3	1,975	.4
1,214	.2	2,031	.4	4700 FOOD AND DRUG	2,611	.5	3,220	.6
30,551	6.2	38,486	7.2	4800 MEDICAL CARE	48,041	8.4	38,184	7.0
8,033	1.6	14,698	2.7	4900 HEALTH AND POPULATION DYNAMICS	13,539	2.4	10,368	1.9
743	.2	2,922	.5	5000 REHABILITATION	2,475	.4	2,438	.4
29,802	5.9	43,907	8.2	III. DEVELOPMENT OF EDUCATIONAL INSTITUTIONS	64,139	11.2	52,588	9.8
7,439	1.5	6,854	1.3	6200 MEDICINE	26,020	4.6	30,687	5.7
14,277	2.9	23,252	4.3	6300 NURSING	23,583	4.1	8,906	1.3
3,172	.6	8,061	1.5	6400 ENVIRONMENTAL SCIENCES	8,230	1.4	8,302	1.5
-	-	403	.1	6500 VETERINARY MEDICINE	403	.1	435	.1
3,240	.6	2,541	.5	6600 DENTISTRY	2,854	.5	3,141	.6
1,674	.3	2,796	.5	6700 BIOSTATISTICS	3,049	.5	3,117	.6
491,218	100.0	536,538	100.0	GRAND TOTAL	569,016	100.0	540,117	100.0

\* LESS THAN .05 PERCENT

## DOMINICAN REPUBLIC

## SUMMARY OF INVESTMENT

SOURCE OF FUNDS	TOTAL AMOUNT	*-----PERSONNEL-----*			*--DUTY--*	*---FELLOWSHIPS---		*---SEMINARS---	*SUPPLIES*	*--GRANTS--*			
		POSTS PROF.	LOCAL	STC MONTH	AMOUNT	TRAVEL AMOUNT	ACAD.	SHORT	AMOUNT	EQUIPMENT	AND OTHER		
	\$			\$	\$			\$	\$	\$			
1969													
PAHO---PR	270,912	8	-	-	215,931	9,284	4	5	21,619	-	3,559	14,539	5,980
PM	1,316	-	-	-	1,175	18	-	-	-	-	-	56	67
PW	10,091	-	-	5	10,091	-	-	-	-	-	-	-	-
PG	46,971	4	-	1	36,286	1,728	-	-	3,060	-	1,820	1,305	2,772
WHO---WR	124,977	3	-	4	72,597	3,560	11	6	43,567	-	1,863	1,856	1,534
WT	33,782	3	-	-	32,742	740	-	-	-	-	-	-	300
WS	3,058	-	-	-	2,289	181	-	-	-	-	-	410	178
WO	111	-	-	-	111	-	-	-	-	-	-	-	-
TOTAL	491,218	18	-	10	371,222	15,511	15	11	68,246	-	7,242	18,166	10,831
PER CENT OF TOTAL	100.0				75.6	3.1			13.9		1.5	3.7	2.2
1970													
PAHO---PR	237,600	7	-	-	198,969	11,410	1	2	10,625	-	1,246	7,359	7,991
PM	18,200	-	-	8	14,400	-	-	2	2,800	-	-	1,000	-
PG	81,949	4	-	-	65,919	3,271	-	-	6,070	-	2,330	1,271	3,088
WHO---WR	127,313	3	-	7	92,356	4,878	2	7	19,632	-	4,268	4,513	1,666
WT	62,164	3	-	-	56,826	4,566	-	-	384	-	-	88	300
WS	9,197	-	-	-	6,967	240	-	-	-	-	-	1,628	362
WO	115	-	-	-	115	-	-	-	-	-	-	-	-
TOTAL	536,538	17	-	15	435,552	24,365	3	11	39,511	-	7,844	15,859	13,407
PER CENT OF TOTAL	100.0				81.2	4.5			7.4		1.5	2.9	2.5
1971													
PAHO---PR	255,547	7	-	-	215,354	12,377	1	4	13,621	-	637	5,250	8,308
PG	88,936	4	-	-	72,406	3,954	-	-	4,858	-	78	1,811	5,829
WHO---WR	158,259	3	-	10	112,757	5,291	3	9	27,903	-	3,694	6,793	1,911
WT	59,020	3	-	-	48,156	3,904	-	-	6,274	-	-	386	300
WS	7,129	-	-	-	5,976	240	-	-	-	-	-	509	404
WO	125	-	-	-	125	-	-	-	-	-	-	-	-
TOTAL	569,016	17	-	10	454,774	25,766	4	13	52,656	-	4,409	14,659	16,752
PER CENT OF TOTAL	100.0				79.9	4.5			9.3		.8	2.6	2.9
1972													
PAHO---PR	287,084	7	-	-	238,127	12,856	1	5	15,261	-	4,192	7,971	8,677
PG	44,229	2	-	-	31,380	2,755	-	-	2,558	-	117	1,409	6,010
WHO---WR	162,936	3	-	8	117,851	5,457	3	10	27,952	-	5,035	5,462	1,179
WT	39,020	1	-	-	30,156	1,904	-	-	6,274	-	-	386	300
WS	6,711	-	-	-	5,640	240	-	-	-	-	-	455	376
WO	137	-	-	-	137	-	-	-	-	-	-	-	-
TOTAL	540,117	13	-	8	423,291	23,212	4	15	52,045	-	9,344	15,683	16,542
PER CENT OF TOTAL	100.0				78.4	4.3			9.6		1.7	2.9	3.1
PAHO PR-REGULAR BUDGET PM-SPECIAL FUND FOR MALARIA ERADICATION PW-COMMUNITY WATER SUPPLY PG-GRANTS AND OTHER CONTRIBUTIONS PI-INCAP AND OTHER RELATED GRANTS													
WHO WR-REGULAR BUDGET WA-MALARIA ERADICATION SPECIAL ACCOUNT WT-UNITED NATIONS TECHNICAL ASSISTANCE WS-UNITED NATIONS SPECIAL FUND WO-GRANTS AND OTHER FUNDS													

DETAILDOMINICAN REPUBLIC-0200, MALARIA ERADICATION

THE MALARIA ERADICATION PROGRAM, BEGUN IN 1958, WAS RESTRUCTURED IN 1966 AND HAS HAD GOOD RESULTS.

THE ORIGINAL MALARIOUS AREA COVERS 47,562 SQUARE KILOMETERS OR 98.2 PER CENT OF THE AREA OF THE COUNTRY WHERE 4,142,000 PEOPLE, OR 99.2 PER CENT OF THE TOTAL POPULATION LIVE. AT THE END OF 1969, ONLY 487,000 PEOPLE WERE LIVING IN AREAS IN THE ATTACK PHASE (11.8 PER CENT OF THE POPULATION OF THE MALARIOUS AREA), THE PROBLEM BEING REDUCED TO ONLY A SMALL AREA IN THE FRONTIER ZONE (DAJABON). THE REST OF THE POPULATION IS NOW IN AREAS IN EITHER THE CONSOLIDATION OR MAINTENANCE PHASE.

ALTHOUGH THE NUMBER OF CASES REPORTED IN 1969 WAS GREATER THAN IN 1968 (124 CASES IN 1969 AND ONLY 24 IN 1968), THE PROBLEM IS CONCENTRATED AND DOES NOT SIGNIFY DETERIORATION IN THE GENERAL SITUATION.

UNICEF PARTICIPATES IN THIS PROJECT.

<u>FUND 1969 1970 1971 1972</u>					<u>FUND 1969 1970 1971 1972</u>						
TOTAL		2	1	1	1	TOTAL	PR	55,242	23,973	23,861	24,749
P-4 MEDICAL OFFICER .0433	PR	1	1	1	1	PERSONNEL-POSTS		44,340	20,473	21,361	22,249
P-2 SANITARIAN .0439	PR	1	-	-	-	DUTY TRAVEL		1,874	1,500	1,500	1,500
						SUPPLIES AND EQUIPMENT		8,068	2,000	1,000	1,000
						FELLOWSHIPS		960	-	-	-
TOTAL		1	-	-	-	EST. GOVERNMENT CONTRIB.			( 782,000)	( 782,000)	( 782,000)
FELLOWSHIPS-SHORT TERM	PR	1	-	-	-						

DOMINICAN REPUBLIC-0400, TUBERCULOSIS CONTROL

THE PREVALENCE OF TUBERCULOSIS IN THE COUNTRY IS ESTIMATED AT 0.5 PER CENT WITH APPROXIMATELY 20,000 ACTIVE CASES.

THE OBJECTIVE OF THE PROJECT IS TO INTENSIFY THE TUBERCULOSIS CONTROL PROGRAM THROUGH BCG VACCINATION OF SUSCEPTIBLE AGE GROUPS, DIAGNOSIS AND AMBULATORY TREATMENT OF PATIENTS, AND PERSONNEL.

<u>FUND 1969 1970 1971 1972</u>					<u>FUND 1969 1970 1971 1972</u>						
TOTAL		1	1	1	-	TOTAL	WT	-	24,000	8,000	-
P-4 MEDICAL OFFICER 4.0955	WT	1	1	1	-	PERSONNEL-POSTS		-	22,500	7,500	-
						DUTY TRAVEL		-	1,500	500	-
						EST. GOVERNMENT CONTRIB.			(1,225,000)	(1,225,000)	

DOMINICAN REPUBLIC-2200, WATER SUPPLIES

IT WAS ESTIMATED IN 1969 THAT 55 PER CENT OF THE URBAN POPULATION (793,000) IS SERVED BY HOUSE CONNECTIONS AND AN ADDITIONAL 304,000 PEOPLE HAVE EASY ACCESS TO PUBLIC HYDRANTS. NINE PER CENT OF THE RURAL POPULATION IS SERVED BY PIPED SUPPLIES, EITHER BY HOUSE CONNECTIONS OR PUBLIC HYDRANTS.

THE GOVERNMENT PLANS TO SPEND \$30,000,000 DURING THE FOUR YEARS 1968-1971 TO PROVIDE ADEQUATE WATER SUPPLY SERVICES FOR A TOTAL OF 54 PER CENT OF THE URBAN POPULATION AND 29 PER CENT OF THE RURAL POPULATION. PLANS HAVE BEEN PREPARED TO SPEND \$4,600,000 TO BUILD SEWERAGE SYSTEMS FOR 15 PER CENT OF THE URBAN POPULATION.

<u>FUND 1969 1970 1971 1972</u>					<u>FUND 1969 1970 1971 1972</u>						
TOTAL		1	1	1	1	TOTAL		52,619	44,673	31,161	33,449
P-4 SANITARY ENGINEER .0447	PR	1	1	1	1	SUBTOTAL	PR	42,528	26,473	31,161	33,449
TOTAL		5	8	-	-	PERSONNEL-POSTS		30,956	20,473	21,361	22,249
CONSULTANT MONTHS	PW	5	8	-	-	DUTY TRAVEL		637	600	600	600
						SUPPLIES AND EQUIPMENT		-	-	1,000	1,000
						FELLOWSHIPS		10,935	5,400	8,200	9,600
TOTAL		6	4	4	5	SUBTOTAL	PW	10,091	18,200	-	-
FELLOWSHIPS-ACADEMIC	PR	2	1	1	1	PERSONNEL-CONSULTANTS		10,091	14,400	-	-
FELLOWSHIPS-SHORT TERM	PR	4	1	3	4	SUPPLIES AND EQUIPMENT		-	1,000	-	-
FELLOWSHIPS-SHORT TERM	PW	-	2	-	-	FELLOWSHIPS		-	2,800	-	-
						EST. GOVERNMENT CONTRIB.			(8,400,000)	(8,400,000)	(8,400,000)

DOMINICAN REPUBLIC-3100, HEALTH SERVICES

THE AIM OF THIS PROJECT IS TO IMPROVE AND EXTEND THE HEALTH SERVICES AT THE NATIONAL, REGIONAL, AND LOCAL LEVELS. THE NATIONAL HEALTH PLAN HAS THE OBJECTIVE OF ESTABLISHING FIVE REGIONAL CENTERS AND 26 HEALTH AREAS. AT THE SAME TIME, ALL THE 33 EXISTING HOSPITALS WILL BE REORGANIZED.

PROGRESS HAS BEEN MADE TOWARDS THESE GOALS. THE STRUCTURE OF THE CENTRAL LEVEL HAS BEEN REINFORCED TECHNICALLY AND ADMINISTRATIVELY, AND PRIORITIES HAVE BEEN ESTABLISHED FOR TWO OF THE REGIONS; THE SANITARY CODE, REGULATIONS, AND TECHNICAL NORMS APPROVED; AND THE SAN CRISTOBAL HEALTH CENTER ORGANIZED AS A DEMONSTRATION AND TRAINING UNIT. THE TRAINING PROGRAM WAS EXTENDED AND DIRECTED TOWARDS THE ORIENTATION OF MEDICAL AND PUBLIC HEALTH PERSONNEL AND THE PREPARATION OF TECHNICAL AND AUXILIARY PERSONNEL IN NURSING, SANITATION, AND STATISTICS. PLANS HAVE BEEN COMPLETED FOR REMODELING OR CONSTRUCTING 13 HOSPITALS, 16 HEALTH CENTERS, AND 39 RURAL CLINICS. PLANS HAVE ALSO BEEN COMPLETED FOR TRAINING 192 PHYSICIANS, 50 DENTISTS, 160 NURSING AUXILIARIES, 300 MIDWIVES, AND 262 OTHERS.

UNICEF, AID, AND THE ORGANIZATION OF AMERICAN STATES COOPERATE IN THIS PROJECT.

		FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
							TOTAL		\$	\$	\$	\$
TOTAL			10	10	10	8	TOTAL		211,907	191,615	209,999	180,874
P-5 PAHO/WHO REPRESENTATIVE	PR		1	1	1	1	SUBTOTAL	PR	104,100	86,675	90,738	94,301
.0441												
P-4 MEDICAL OFFICER	PR		1	1	1	1	PERSONNEL-POSTS		93,426	80,175	83,738	87,301
.2188							DUTY TRAVEL		3,001	2,500	3,000	3,000
P-4 SANITARY ENGINEER	PR		1	1	1	1	SUPPLIES AND EQUIPMENT		4,226	-	-	-
.3138							COMMON SERVICES		3,447	4,000	4,000	4,000
P-3 ADMIN. METHODS OFFICER	PR		1	1	1	1	SUBTOTAL	PG	22,676	40,109	48,304	23,488
.0445												
P-3 NURSE	PG		2	2	2	2	PERSONNEL-POSTS		20,124	38,609	46,304	21,488
.3191 .3192							PERSONNEL-CONSULTANTS		1,639	-	-	-
P-3 NURSE	WT		2	2	2	1	DUTY TRAVEL		913	1,500	2,000	2,000
4.0956 4.2140							SUBTOTAL	WR	51,235	28,831	34,867	39,035
P-2 STATISTICIAN	WR		1	1	1	1						
4.1086							PERSONNEL-POSTS		8,611	11,031	14,867	17,235
P-1 SANITARIAN	PG		1	1	1	-	PERSONNEL-CONSULTANTS		1,882	7,200	5,400	7,200
.3215							DUTY TRAVEL		4	1,000	1,000	1,000
TOTAL			1	4	3	4	SUPPLIES AND EQUIPMENT		413	-	-	-
							FELLOWSHIPS		40,325	9,600	13,600	13,600
CONSULTANT MONTHS	PG		-	-	-	-	SUBTOTAL	WT	32,996	36,000	36,000	24,000
CONSULTANT MONTHS	WR		1	4	3	4						
TOTAL			16	5	6	6	PERSONNEL-POSTS		32,302	33,000	33,000	22,500
							DUTY TRAVEL		694	3,000	3,000	1,500
FELLOWSHIPS-ACADEMIC	WR		10	1	2	2						
FELLOWSHIPS-SHORT TERM	WR		6	4	4	4						

DOMINICAN REPUBLIC-3300, LABORATORY SERVICES

LABORATORY FACILITIES ARE PRESENTLY INSUFFICIENT TO MEET BOTH PUBLIC HEALTH NEEDS AND THE DIAGNOSTIC REQUIREMENTS OF THE MEDICAL CARE SERVICES. THE GOVERNMENT PLANS TO ORGANIZE PUBLIC HEALTH AND CLINICAL DIAGNOSTIC LABORATORY SERVICES IN HOSPITALS AND IN FIVE REGIONAL LABORATORIES, TO STANDARDIZE LABORATORY PROCEDURES, AND TO TRAIN THE NECESSARY PERSONNEL.

			1	1	1	1		PR	4,422	23,273	24,161	25,049
TOTAL			1	1	1	1	TOTAL					
P-4 LABORATORY ADVISER	PR		1	1	1	1	PERSONNEL-POSTS		4,422	20,473	21,361	22,249
.3139							DUTY TRAVEL		-	1,000	1,000	1,000
TOTAL			-	1	1	1	SUPPLIES AND EQUIPMENT		-	400	400	400
							FELLOWSHIPS		-	1,400	1,400	1,400
FELLOWSHIPS-SHORT TERM	PR		-	1	1	1	EST. GOVERNMENT CONTRIB.			( 190,000)	( 190,000)	( 190,000)

DOMINICAN REPUBLIC-4200, NUTRITION

A NATIONAL NUTRITION SURVEY CARRIED OUT IN 1969 REVEALED THAT MALNUTRITION IS A MAJOR PUBLIC HEALTH PROBLEM.

THE PURPOSE OF THIS PROJECT IS TO ASSIST THE GOVERNMENT IN DEVELOPING NUTRITION SERVICES, IN PREVENTING AND CONTROLLING NUTRITIONAL PROBLEMS, IN IMPROVING HOSPITAL FOOD SERVICES, IN TRAINING PERSONNEL, AND IN INVESTIGATING NEW SOURCES OF FOODS WITH HIGH PROTEIN VALUE WHICH CAN BE PRODUCED LOCALLY AT LOW COST.

... CONTINUED

DOMINICAN REPUBLIC-4200, NUTRITION . . . CONTINUED

FUND 1969 1970 1971 1972					FUND 1969 1970 1971 1972						
-----					-----						
					WR						
					\$						
TOTAL		2	2	2	2	TOTAL	WR	37,935	43,354	50,047	46,186
P-4 MEDICAL OFFICER 4.2155	WR	1	1	1	1	PERSONNEL-POSTS		36,610	38,554	39,847	41,386
P-3 NUTRITIONIST 4.0954	WR	1	1	1	1	PERSONNEL-CONSULTANTS		-	-	5,400	-
TOTAL		-	-	3	-	DUTY TRAVEL		1,325	1,500	1,500	1,500
CONSULTANT MONTHS	WR	-	-	3	-	SUPPLIES AND EQUIPMENT		-	500	500	500
TOTAL		-	2	2	2	FELLOWSHIPS		-	2,800	2,800	2,800
FELLOWSHIPS-SHORT TERM	WR	-	2	2	2	EST. GOVERNMENT CONTRIB.			(1,800,000)	(1,800,000)	(1,800,000)

DOMINICAN REPUBLIC-6200, MEDICAL EDUCATION

THE PROJECT WILL ASSIST THE COUNTRY'S TWO MEDICAL SCHOOLS IN STRENGTHENING THEIR PROGRAMS OF STUDY, PARTICULARLY BY INTRODUCING CONCEPTS OF PREVENTIVE AND SOCIAL MEDICINE AND BY BUILDING UP A CADRE OF FULL-TIME MEDICAL TEACHERS.

FUND 1969 1970 1971 1972					FUND 1969 1970 1971 1972						
-----					-----						
					WR						
					\$						
TOTAL		-	-	1	1	TOTAL	WR	2,907	-	5,600	7,000
CONSULTANT MONTHS	WR	-	-	1	1	PERSONNEL-CONSULTANTS		-	-	1,800	1,800
TOTAL		1	-	2	3	SUPPLIES AND EQUIPMENT		-	-	1,000	1,000
FELLOWSHIPS-ACADEMIC	WR	1	-	-	-	FELLOWSHIPS		2,907	-	2,800	4,200
FELLOWSHIPS-SHORT TERM	WR	-	-	2	3	EST. GOVERNMENT CONTRIB.				( 165,000)	( 165,000)

DOMINICAN REPUBLIC-6300, NURSING EDUCATION

FOR A POPULATION OF 4,174,490 INHABITANTS AND 10,775 BEDS, THE COUNTRY HAS 259 GRADUATE NURSES, 420 TRAINED AUXILIARY NURSES, AND 1,280 UNTRAINED AUXILIARY NURSES. SIMILAR DEFICITS IN TRAINED NURSING PERSONNEL EXIST IN PRIVATE INSTITUTIONS.

THE OBJECTIVES OF THIS PROJECT ARE TO ASSIST THE UNIVERSITY SCHOOL OF NURSING IN SANTIAGO DE LOS CABALLEROS, TO IMPROVE THE CURRICULUM AND EXPAND THE FACILITIES OF THE NATIONAL SCHOOL OF NURSING IN SANTO DOMINGO, AND TO FURTHER THE TRAINING OF AUXILIARY NURSING PERSONNEL.

FUND 1969 1970 1971 1972					FUND 1969 1970 1971 1972						
-----					-----						
					PR						
					\$						
TOTAL		1	1	1	-	TOTAL	PR	13,553	21,524	21,590	4,300
P-3 NURSE .0440	PG	1	1	1	-	SUBTOTAL	PR	8,795	-	-	-
TOTAL		1	-	-	-	FELLOWSHIPS		8,795	-	-	-
CONSULTANT MONTHS	PG	1	-	-	-	SUBTOTAL	PG	4,758	16,524	17,290	-
TOTAL		2	1	1	1	PERSONNEL-POSTS		3,281	15,524	16,290	-
FELLOWSHIPS-ACADEMIC	PR	2	-	-	-	PERSONNEL-CONSULTANTS		1,477	-	-	-
FELLOWSHIPS-ACADEMIC	WR	-	1	1	1	DUTY TRAVEL		-	1,000	1,000	-
						SUBTOTAL	WR	-	5,000	4,300	4,300
						SUPPLIES AND EQUIPMENT		-	1,000	300	300
						FELLOWSHIPS		-	4,000	4,000	4,000
						EST. GOVERNMENT CONTRIB.			( 127,000)	( 127,000)	( 127,000)

DOMINICAN REPUBLIC-6400, SANITARY ENGINEERING EDUCATION

THE PURPOSE OF THIS PROJECT IS TO REVIEW AND IMPROVE THE TEACHING OF SANITARY ENGINEERING SUBJECTS WITHIN THE REGULAR CIVIL ENGINEERING COURSES, AND TO PROMOTE THE CONTINUING EDUCATION OF PROFESSIONAL AND AUXILIARY SANITARY ENGINEERING PERSONNEL BY MEANS OF SHORT INTENSIVE COURSES ON SELECTED SANITARY ENGINEERING SUBJECTS.

. . . CONTINUED

DOMINICAN REPUBLIC-6400, SANITARY ENGINEERING EDUCATION . . . CONTINUED

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
								\$	\$	\$	\$
TOTAL		2	2	2	2	TOTAL	WR	2,528	7,000	7,000	7,000
CONSULTANT MONTHS	WR	2	2	2	2	PERSONNEL-CONSULTANTS		2,528	3,600	3,600	3,600
TOTAL		-	1	1	1	SUPPLIES AND EQUIPMENT		-	2,000	2,000	2,000
FELLOWSHIPS-SHORT TERM	WR	-	1	1	1	FELLOWSHIPS		-	1,400	1,400	1,400

DOMINICAN REPUBLIC-6600, DENTAL EDUCATION

EXACT INFORMATION ON THE EXTENT OF THE DENTAL HEALTH PROBLEM IN THE COUNTRY IS NOT AVAILABLE; HOWEVER, LIMITED DATA FROM HEALTH AUTHORITIES REVEAL THAT THE PROBLEM CANNOT BE OVERCOME UTILIZING EXISTING HEALTH RESOURCES. THE PURPOSE OF THIS PROJECT IS TO COOPERATE WITH THE UNIVERSITY OF SANTO DOMINGO IN THE DEVELOPMENT AND IMPLEMENTATION OF A NEW CURRICULUM DESIGNED TO INCLUDE TEACHING IN PREVENTIVE AND SOCIAL DENTISTRY, AND WITH THE DEPARTMENT OF DENTAL HEALTH.

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972		
TOTAL		1	1	1	1	TOTAL	WR	2,238	1,800	1,800	1,800		
CONSULTANT MONTHS	WR	1	1	1	1	PERSONNEL-CONSULTANTS		2,238	1,800	1,800	1,800		
						EST. GOVERNMENT CONTRIB.		(	87,000)	(	87,000)	(	87,000)



DOMINICAN REPUBLIC  
PORTIONS OF INTERCOUNTRY PROJECTS

	1969	1970	1971	1972
	\$	\$	\$	\$
TOTAL AMRO PROJECTS	108,767	155,326	185,887	209,760
0102 EPIDEMIOLOGY -- ZONE II	4,188	4,126	4,279	4,432
0111 EPIDEMIOLOGICAL SURVEILLANCE PROGRAM	-	-	-	1,401
0200 MALARIA TECHNICAL ADVISORY SERVICES	2,592	2,254	2,389	2,578
0217 FIELD INVESTIGATION OF MASS DRUG TREATMENT	157	-	-	-
0218 PROMOTION OF RURAL HLTH SERV AND ERADICATION CAMPAIGNS	6,361	4,872	5,518	11,161
0219 DATA PROCESSING & OPERATIONS RESEARCH IN MALARIA ERADICATION	-	869	1,658	2,692
0400 TUBERCULOSIS CONTROL	359	1,291	2,711	4,357
0402 TUBERCULOSIS CONTROL -- ZONE II	1,512	2,212	2,455	2,440
0408 SEMINAR ON TUBERCULOSIS CONTROL	-	-	1,007	-
0409 COURSES ON TUBERCULOSIS - EPIDEMIOLOGY	623	1,699	2,133	2,133
0410 COURSES ON TUBERCULOSIS - BACTERIOLOGY	429	1,450	1,673	1,673
0500 LEPROSY CONTROL	816	1,174	1,318	1,513
0600 VENEREAL DISEASE CONTROL	99	408	144	432
0700 PAN AMERICAN ZOONOSSES CENTER	3,879	4,263	4,246	4,692
0702 VETERINARY PUBLIC HEALTH -- ZONE II	3,606	3,446	3,654	3,787
0713 SEMINAR ON ANIMAL TUBERCULOSIS	-	1,039	-	-
0714 SYMPOSIUM ON THE HLTH ASPECTS OF THE INTERNAL MOVEMENT OF ANIMALS	-	-	-	1,026
0718 SEMINAR ON EPIDEMIOLOGY OF THE ZOONOSSES	-	-	-	710
1000 PARASITIC DISEASES	1,002	1,053	986	1,086
1007 SCHISTOSOMIASIS	368	435	1,220	1,420
1008 CHAGAS' DISEASE	226	214	252	540
2100 ENVIRONMENTAL SANITATION	135	352	352	601
2102 SANITARY ENGINEERING -- ZONE II	7,828	9,156	8,870	9,694
2114 PAN AMERICAN SANITARY ENGINEERING CENTER	4,783	8,247	10,441	11,160
2116 CONFERENCE ON INTEGRATION OF ENVIRONMENTAL PROGRAMS	-	-	-	1,634
2200 WATER SUPPLIES	4,563	2,096	3,289	3,492
2213 STUDIES AND INVESTIGATIONS OF WATER RESOURCES	486	1,144	1,379	1,379
2215 APPLIED RESEARCH ON WATER SUPPLIES	347	-	150	300
2220 PUBLIC SERVICES ADMINISTRATION	-	1,982	2,118	2,268
2222 SEMINAR ON LOANS & PROJECT DEVELOPMENT	-	-	-	971
2223 SEMINARS ON PUBLIC SERVICES ADMINISTRATION	-	-	-	467
2300 AEDES AEGYPTI ERADICATION	4,616	5,938	5,441	6,288
2400 PUBLIC HEALTH ASPECTS OF HOUSING AND URBANIZATION	-	210	219	228
3110 COORDINATION OF INTERNATIONAL RESEARCH	2,025	1,249	1,367	1,976
3124 APPLICATION OF DATA PROCESSING TO HEALTH ADMINISTRATION	393	-	-	-
3129 RESEARCH TRAINING IN BIOMEDICAL SCIENCES	-	1,696	1,696	848
3130 CONFERENCE ON MYCOLOGY	-	1,130	-	-
3200 NURSING SERVICES	247	863	919	1,204
3202 NURSING -- ZONE II	1,533	4,841	5,947	6,352
3210 HOSPITAL NURSING SERVICES	26	956	1,171	1,238
3211 SEMINAR ON PLANNING FOR NURSING	1,070	-	-	-
3213 SEMINAR ON ADMINISTRATION OF NURSING SERVICES	-	-	1,944	-
3300 LABORATORY SERVICES	414	483	502	502
3310 CONFERENCE ON VIRAL AND RICKETTSIAL VACCINES	-	1,405	-	-
3311 TRAINING LABORATORY PERSONNEL	-	775	605	666
3400 HEALTH EDUCATION	58	249	373	373
3407 COMMUNITY DEVELOPMENT TRAINING CENTER	1,228	1,120	1,214	1,189
3409 STUDY GROUP ON HEALTH EDUCATION AND PLANNING	529	-	-	-
3500 HEALTH STATISTICS	14	-	351	308
3502 HEALTH STATISTICS -- ZONE II	6,017	6,325	6,575	6,875
3516 REGIONAL SEMINAR ON DATA PROCESSING	-	619	-	-
3600 ADMINISTRATIVE METHODS AND PRACTICES IN PUBLIC HEALTH	1,592	1,532	1,568	2,210
3602 ADMINISTRATIVE METHODS AND PRACTICES - ZONE II	-	3,343	4,367	5,406
3607 MANAGEMENT OF HEALTH SERVICES	-	-	5,093	5,093
3700 HEALTH PLANNING	2,098	4,195	3,904	4,074
3715 PAN AMERICAN PROGRAM FOR HEALTH PLANNING	3,347	10,129	8,061	7,593
4100 MATERNAL AND CHILD HEALTH	63	400	437	1,446
4108 CLINICAL AND SOCIAL PEDIATRICS	775	1,336	1,336	1,336
4115 NURSING-MIDWIFERY EDUCATION	611	-	-	-
4116 FACULTY TRAINING IN MATERNAL AND CHILD HEALTH	-	-	2,222	-
4117 STAFFING MATERNAL AND CHILD HEALTH SERVICES	-	286	286	-
4118 STUDY GROUP ON GUIDE FOR NURSING-MIDWIFERY SERVICES	-	-	-	1,267
4119 MATERNAL AND CHILD HEALTH FELLOWSHIPS	-	1,656	709	886
4200 NUTRITION ADVISORY SERVICES	256	389	591	603
4203 INSTITUTE OF NUTRITION OF CENTRAL AMERICA AND PANAMA	8,718	7,133	6,993	7,378
4211 RESEARCH IN PROTEIN-CALORIE MALNUTRITION	-	-	263	263
4221 SEMINAR ON NUTRITION IN FOOD AND HEALTH POLICIES	144	-	200	200

## DOMINICAN REPUBLIC - PORTIONS OF INTERCOUNTRY PROJECTS . . . CONTINUED

4225	GRADUATE COURSE IN PUBLIC HEALTH NUTRITION	-	1,427	1,312	1,301
4230	NUTRITION TRAINING	6499	587	609	766
4233	NUTRITION TEACHING IN MEDICAL SCHOOLS	-	-	573	573
4311	STUDY GROUP ON ADM. OF PSYCHIATRIC & MENTAL HEALTH SERVICES	7466	-	-	-
4315	STUDY GROUP ON TRAINING PSYCHIATRISTS	-	-	-	615
4409	FLORIDATION	3,744	3,553	3,284	3,180
4500	HEALTH ASPECTS OF RADIATION	-	-	-	870
4507	RADIATION HEALTH PROTECTION	1,425	1,339	1,371	1,402
4700	FOOD AND DRUG CONTROL	1,214	1,289	1,337	1,385
4708	FOOD HYGIENE TRAINING CENTER	-	-	1,274	1,835
4711	FOOD AND DRUG CONTROL SEMINAR	-	742	-	-
4800	MEDICAL CARE SERVICES	1,539	859	1,197	1,219
4802	MEDICAL CARE SERVICES -- ZONE II	-	1,080	-	1,080
4810	CHRONIC DISEASES	1,008	1,240	1,294	1,347
4813	HOSPITAL PLANNING AND ADMINISTRATION	151	274	2,443	2,485
4815	TRAINING FOR MEDICAL CARE AND HOSPITAL ADMINISTRATION	166	196	1,101	1,285
4819	SEMINAR ON CANCER REGISTRATION	640	-	-	-
4900	HEALTH AND POPULATION DYNAMICS	6,577	14,698	13,539	10,368
5000	REHABILITATION	743	1,677	2,475	2,438
5008	SEMINAR ON REHABILITATION	-	1,245	-	-
6000	MEDICAL EDUCATION - TEXTBOOKS AND TEACHING	1,4833	700	701	840
6200	MEDICAL EDUCATION	2,7077	2,432	2,346	2,418
6202	MEDICAL EDUCATION -- ZONE II	-	1,080	1,440	1,440
6221	LIBRARY OF MEDICINE	-	-	7,234	9,512
6222	SEMINAR ON TEACHING PREVENTIVE AND SOCIAL MEDICINE	-	961	-	-
6223	TEACHING OF BEHAVIORAL SCIENCES	342	528	7,528	7,528
6224	FACULTY AND RESEARCH TRAINING CENTERS	-	1,153	911	911
6225	SURVEY OF FELLOWSHIP PROGRAMS	-	-	260	-
6226	COMMUNITY-CENTERED RESEARCH IN MEDICAL EDUCATION	-	-	-	1,038
6300	NURSING EDUCATION	724	294	294	462
6319	TRAINING OF NURSING AUXILIARIES	-	1,434	1,699	2,144
6400	SANITARY ENGINEERING EDUCATION	644	558	563	584
6500	VETERINARY MEDICINE EDUCATION	-	403	403	435
6600	DENTAL EDUCATION	716	324	637	653
6608	TRAINING OF AUXILIARY DENTAL PERSONNEL	166	297	297	568
6609	LATIN AMERICAN ASSOCIATION OF DENTAL SCHOOLS	120	120	120	120
6700	BIOSTATISTICS EDUCATION	300	1,020	1,020	1,020
6707	LATIN AMERICAN CENTER FOR THE CLASSIFICATION OF DISEASES	881	1,011	1,186	1,214
6708	TRAINING PROGRAM IN HOSPITAL STATISTICS	493	765	843	883
6709	RESEARCH TRAINING PROGRAMS IN HEALTH AND POPULATION	1,456	-	-	-

DOMINICAN REPUBLIC  
SUMMARY OF INVESTMENTS BY SOURCE OF FUNDS

SOURCE OF FUNDS	*-----COUNTRY PROJECTS-----*				*-----PORTIONS OF INTER-COUNTRY PROJECTS-----*			
	1969	1970	1971	1972	1969	1970	1971	1972
TOTAL FUNDS	382,451	381,212	383,129	330,357	108,767	155,326	185,887	209,760
PR PAHO REGULAR	215,087	160,394	169,921	177,548	55,825	77,206	85,626	109,536
PP PAHO SPECIAL MALARIA	-	-	-	-	1,316	-	-	-
PW PAHO COMMUNITY WATER SUPPLY	10,091	18,200	-	-	-	-	-	-
PG PAHO GRANTS & OTHER CONTRIB.	270,434	56,633	65,594	23,488	19,537	25,316	23,342	20,741
WR WHO REGULAR	95,843	85,985	103,614	105,321	28,134	41,328	54,645	57,615
WT WHO TECHNICAL ASSISTANCE	32,996	60,000	44,000	24,000	786	2,164	15,020	15,020
WS UNITED NATIONS SPECIAL FUND	-	-	-	-	3,058	9,197	7,129	6,711
WC WHO GRANTS & OTHER FUNDS	-	-	-	-	111	115	125	137

SOURCE OF FUNDS	*-----TOTAL ALL PROJECTS-----*			
	1969	1970	1971	1972
TOTAL FUNDS	491,218	536,538	565,016	540,117
PR PAHO REGULAR	270,912	237,600	255,547	287,084
PP PAHO SPECIAL MALARIA	1,316	-	-	-
PW PAHO COMMUNITY WATER SUPPLY	10,091	18,200	-	-
PG PAHO GRANTS & OTHER CONTRIB.	46,971	81,949	88,936	44,229
WR WHO REGULAR	124,977	127,313	158,259	162,936
WT WHO TECHNICAL ASSISTANCE	33,782	62,164	59,070	39,020
WS UNITED NATIONS SPECIAL FUND	3,058	9,197	7,129	6,711
WC WHO GRANTS & OTHER FUNDS	111	115	125	137

## HAITI

## PROGRAM BUDGET

1 9 6 9		1 9 7 0			1 9 7 1		1 9 7 2	
AMOUNT	PERCENT	AMOUNT	PERCENT		AMOUNT	PERCENT	AMOUNT	PERCENT
\$		\$			\$		\$	
199,528	52.3	177,261	37.3	I. PROTECTION OF HEALTH	195,343	35.1	209,083	38.3
120,715	31.7	134,068	28.3	A. COMMUNICABLE DISEASES	135,689	24.4	140,775	25.7
5,584	1.5	5,501	1.2	0100 GENERAL	5,705	1.0	6,610	1.2
105,542	27.6	102,768	21.6	0200 MALARIA	94,216	16.9	98,040	17.9
1,512	.4	2,212	.5	0400 TUBERCULOSIS	3,460	.6	2,439	.4
162	*	235	.1	0500 LEPROSY	263	.1	302	.1
221	.1	15,443	3.3	0600 VENEREAL DISEASES	23,902	4.3	24,377	4.5
7,469	2.0	7,695	1.6	0700 ZOOUSES	7,891	1.4	8,467	1.5
225	.1	214	*	1000 PARASITIC DISEASES	252	.1	540	.1
78,813	20.6	43,193	9.0	B. ENVIRONMENTAL HEALTH	59,654	10.7	68,308	12.6
6,875	1.8	8,315	1.7	2100 GENERAL	19,091	3.4	23,348	4.3
71,874	18.8	33,999	7.1	2200 WATER SUPPLIES	39,656	7.1	44,024	8.1
64	*	879	.2	2400 HOUSING	907	.2	936	.2
170,186	44.5	260,527	54.7	II. PROMOTION OF HEALTH	300,316	53.9	264,647	48.3
83,998	22.0	133,935	28.1	A. GENERAL SERVICES	164,538	29.6	179,940	32.9
67,569	17.7	66,236	13.9	3100 GENERAL PUBLIC HEALTH	66,530	12.0	68,021	12.4
635	.2	14,448	3.0	3200 NURSING	22,333	4.0	28,843	5.3
2,683	.7	7,485	1.6	3300 LABORATORY	7,724	1.4	7,787	1.4
1,282	.3	1,365	.3	3400 HEALTH EDUCATION	1,583	.3	1,557	.3
6,423	1.7	30,225	6.4	3500 STATISTICS	30,825	5.5	29,680	5.4
1,638	.4	4,921	1.0	3600 ADMINISTRATIVE METHODS	24,811	4.5	34,785	6.4
3,768	1.0	9,255	1.9	3700 HEALTH PLANNING	10,732	1.9	9,267	1.7
86,188	22.5	126,592	26.6	B. SPECIFIC PROGRAMS	135,778	24.3	84,707	15.4
1,006	.3	5,851	1.2	4100 MATERNAL AND CHILD HEALTH	10,265	1.9	12,266	2.2
13,332	3.5	13,432	2.8	4200 NUTRITION	9,084	1.6	9,461	1.7
47,516	12.4	49,861	10.5	4300 MENTAL HEALTH	50,861	9.1	-	-
1,382	.4	1,302	.3	4500 RADIATION AND ISOTOPES	1,332	.2	2,207	.4
1,318	.3	1,637	.3	4600 OCCUPATIONAL HEALTH	1,908	.4	1,972	.4
1,213	.3	1,289	.3	4700 FOOD AND DRUG	1,337	.2	1,385	.3
4,334	1.1	17,254	3.6	4800 MEDICAL CARE	26,998	4.8	30,858	5.6
15,347	4.0	34,293	7.2	4900 HEALTH AND POPULATION DYNAMICS	31,589	5.7	24,188	4.4
740	.2	1,673	.4	5000 REHABILITATION	2,404	.4	2,370	.4
12,334	3.2	37,801	8.0	III. DEVELOPMENT OF EDUCATIONAL INSTITUTIONS	61,231	11.0	72,850	13.4
10,318	2.7	23,165	4.9	6200 MEDICINE	37,573	6.7	39,651	7.3
-	-	11,800	2.5	6300 NURSING	12,000	2.2	20,000	3.7
643	.2	1,060	.2	6400 ENVIRONMENTAL SCIENCES	9,629	1.7	11,102	2.0
1,373	.3	1,776	.4	6700 BIOSTATISTICS	2,029	.4	2,097	.4
382,048	100.0	475,589	100.0	GRAND TOTAL	556,890	100.0	546,580	100.0

\* LESS THAN .05 PERCENT

## HAITI

## SUMMARY OF INVESTMENT

SOURCE OF FUNDS	TOTAL AMOUNT	*-----PERSONNEL-----*			*---DUTY---	*---FELLOWSHIPS---		*---SEMINARS---		*SUPPLIES*	*--GRANTS--*		
		POSTS PROF.	LOCAL	STC MONTH	AMOUNT	TRAVEL AMOUNT	ACAD.	SHORT	AMOUNT	PART.	AMOUNT	AND EQUIPMENT	AND OTHER
	\$				\$	\$			\$	\$	\$	\$	
1969													
PAHO---PR	117,836	4	1	4	82,645	4,770	2	1	11,580	-	3,097	8,571	7,173
PM	88,962	6	-	-	77,134	678	1	-	1,950	-	-	9,133	67
PG	121,124	-	-	-	12,848	1,321	-	-	2,802	-	3,980	1,515	98,658
WHO---WR	52,487	1	-	-	18,666	4,177	3	1	15,956	-	194	12,337	1,157
WT	-	2	-	-	-	-	-	-	-	-	-	-	-
WS	1,528	-	-	-	1,144	90	-	-	-	-	-	205	89
WO	111	-	-	-	111	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>382,048</b>	<b>13</b>	<b>1</b>	<b>4</b>	<b>192,548</b>	<b>11,036</b>	<b>6</b>	<b>2</b>	<b>32,288</b>	<b>-</b>	<b>7,271</b>	<b>31,761</b>	<b>107,144</b>
PER CENT OF TOTAL	100.0				50.4	2.9			8.5		1.9	8.3	28.0
1970													
PAHO---PR	166,875	4	1	5	135,840	9,444	-	4	6,833	-	173	11,518	3,067
PM	98,675	5	-	-	79,775	7,500	-	1	1,400	-	-	10,000	-
PG	90,833	-	-	-	19,471	1,570	-	-	8,576	-	2,330	1,605	57,281
WHO---WR	66,493	1	-	6	49,338	4,005	-	4	6,204	-	205	923	5,818
WT	48,000	2	-	-	45,000	3,000	-	-	-	-	-	-	-
WS	4,598	-	-	-	3,483	120	-	-	-	-	-	814	181
WO	115	-	-	-	115	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>475,589</b>	<b>12</b>	<b>1</b>	<b>11</b>	<b>333,022</b>	<b>25,639</b>	<b>-</b>	<b>9</b>	<b>23,013</b>	<b>-</b>	<b>2,708</b>	<b>24,860</b>	<b>66,347</b>
PER CENT OF TOTAL	100.0				70.0	5.4			4.8		.6	5.2	14.0
1971													
PAHO---PR	241,275	7	1	8	196,501	10,249	2	10	22,988	-	305	8,190	3,042
PM	89,070	4	-	-	70,170	7,500	-	1	1,400	-	-	10,000	-
PG	81,311	-	-	-	16,120	1,559	-	-	8,576	-	-	1,452	53,604
WHO---WR	84,538	1	-	-	48,195	4,129	3	7	21,951	-	2,950	1,515	5,798
WT	57,007	2	-	-	49,770	3,270	-	-	3,827	-	-	140	-
WS	3,564	-	-	-	2,988	120	-	-	-	-	-	254	202
WO	125	-	-	-	125	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>556,890</b>	<b>14</b>	<b>1</b>	<b>8</b>	<b>383,869</b>	<b>26,827</b>	<b>5</b>	<b>18</b>	<b>58,742</b>	<b>-</b>	<b>3,255</b>	<b>21,551</b>	<b>62,646</b>
PER CENT OF TOTAL	100.0				68.9	4.8			10.6		.6	3.9	11.2
1972													
PAHO---PR	282,413	7	1	8	223,271	10,417	5	8	32,264	-	1,776	11,259	3,426
PM	90,542	4	-	-	73,042	7,500	-	-	-	-	-	10,000	-
PG	22,773	-	-	-	15,755	1,554	-	-	2,556	-	-	690	2,218
WHO---WR	90,353	1	-	1	53,496	4,169	3	7	22,516	-	2,471	1,787	5,914
WT	57,007	2	-	-	49,770	3,270	-	-	3,827	-	-	140	-
WS	3,355	-	-	-	2,820	120	-	-	-	-	-	227	188
WO	137	-	-	-	137	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>546,580</b>	<b>14</b>	<b>1</b>	<b>9</b>	<b>418,291</b>	<b>27,030</b>	<b>8</b>	<b>15</b>	<b>61,163</b>	<b>-</b>	<b>4,247</b>	<b>24,103</b>	<b>11,746</b>
PER CENT OF TOTAL	100.0				76.5	5.0			11.2		.8	4.4	2.1

PAHO PR-REGULAR BUDGET  
 PM-SPECIAL FUND FOR MALARIA ERADICATION  
 PG-COMMUNITY WATER SUPPLY  
 PG-GRANTS AND OTHER CONTRIBUTIONS  
 PI-INCAP AND OTHER RELATED GRANTS

WHO WR-REGULAR BUDGET  
 WA-MALARIA ERADICATION SPECIAL ACCOUNT  
 WT-UNITED NATIONS TECHNICAL ASSISTANCE  
 WS-UNITED NATIONS SPECIAL FUND  
 WO-GRANTS AND OTHER FUNDS

DETAILHAITI-0200, MALARIA ERADICATION

THE MALARIA ERADICATION PROGRAM BEGAN IN 1962 WITH THE SEMIANNUAL SPRAYING OF DDT OF TWO GRAMS PER SQUARE METER PER YEAR APPLIED TO THE HOUSES LOCATED IN AREAS LESS THAN 500 METERS ABOVE SEA LEVEL; LATER, THE AMOUNT OF INSECTICIDE AND THE FREQUENCY WAS MODIFIED, AND OTHER COMPLEMENTARY MEASURES, SUCH AS THE MASSIVE DISTRIBUTION OF DRUGS IN SELECTED AREAS, WERE ADOPTED.

THIS COMBINATION PRODUCED A RAPID IMPROVEMENT IN THE SITUATION BUT WITHOUT COMPLETE INTERRUPTION OF TRANSMISSION. THE SITUATION HAD NOT NOTICEABLY IMPROVED SINCE 1966 FOR LACK OF UNIFORMITY AND REGULARITY IN THE MEASURES APPLIED. PRESENTLY, 3,580,000 PEOPLE, OR 74.7 PER CENT OF THE TOTAL POPULATION, LIVE IN MALARIOUS AREAS, ALL OF WHICH ARE IN THE ATTACK PHASE.

IN THE FIRST ELEVEN MONTHS OF 1969, 584,715 BLOOD SLIDES WERE EXAMINED, WITH 4,158 POSITIVE (0.7 PER CENT), INDICATING A DETERIORATION OF THE SITUATION WITH RESPECT TO 1968. THE OPERATING PLAN HAS BEEN REVISED WITH A VIEW TOWARD BETTER UTILIZATION OF AVAILABLE RESOURCES.

UNICEF AND AID PARTICIPATE IN THE PROGRAM.

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
								\$	\$	\$	\$
TOTAL		6	5	4	4	TOTAL		101,525	98,675	89,070	90,542
P-4 EPIDEMIOLOGIST .0494	PM	1	1	1	1	SUBTOTAL	PM	87,743	98,675	89,070	90,542
P-4 MEDICAL OFFICER .1050	PM	1	-	-	-						
P-4 SANITARY ENGINEER .2073	PM	1	1	1	1	PERSONNEL-POSTS		76,056	79,775	70,170	73,042
P-1 SANITARIAN .0496 .0497 .0498	PM	3	3	2	2	DUTY TRAVEL		660	7,500	7,500	7,500
						SUPPLIES AND EQUIPMENT		9,077	10,000	10,000	10,000
						FELLOWSHIPS		1,950	1,400	1,400	-
TOTAL		1	1	1	-	SUBTOTAL	WR	13,782	-	-	-
FELLOWSHIPS-ACADEMIC	PM	1	-	-	-	DUTY TRAVEL		2,109	-	-	-
FELLOWSHIPS-SHORT TERM	PM	-	1	1	-	SUPPLIES AND EQUIPMENT		11,673	-	-	-
						EST. GOVERNMENT CONTRIB.			(1,435,000)	(1,500,000)	(1,500,000)

HAITI-0600, YAWS ERADICATION

THE PURPOSE OF THIS PROJECT IS TO COMPLETE THE ERADICATION OF YAWS FROM THE COUNTRY AND TO USE THE PROGRAM'S MANPOWER RESOURCES TO VACCINATE 80 PER CENT OF THE POPULATION AGAINST SMALLPOX.

IN 1969 A TOTAL OF 52 CASES OF YAWS WERE REPORTED AND TREATED, AND DURING THE FIRST TEN MONTHS 969 CONTACTS WERE TREATED. SINCE THE BEGINNING OF THE SMALLPOX CAMPAIGN IN 1962, 2,666,640 OR ABOUT 55 PER CENT OF THE CURRENT ESTIMATED POPULATION HAVE BEEN VACCINATED.

UNDER AN AGREEMENT SIGNED IN 1968, THE ORGANIZATION WILL COOPERATE IN INTENSIFYING THE CAMPAIGN.

		1	1	1	1		WR	-	14,525	23,578	23,405
TOTAL		1	1	1	1	TOTAL					
P-4 MEDICAL OFFICER 4.3104	WR	1	1	1	1	PERSONNEL-POSTS		-	13,025	17,578	19,605
						PERSONNEL-CONSULTANTS		-	-	-	1,800
						DUTY TRAVEL		-	1,000	1,000	1,000
TOTAL		-	-	-	1	SUPPLIES AND EQUIPMENT		-	500	1,000	1,000
						FELLOWSHIPS		-	-	4,000	-
CONSULTANT MONTHS	WR	-	-	-	1	EST. GOVERNMENT CONTRIB.			( 25,000)	( 25,000)	( 25,000)
TOTAL		-	-	1	-						
FELLOWSHIPS-ACADEMIC	WR	-	-	1	-						

HAITI-2200, WATER SUPPLIES

IN 1969 IT WAS ESTIMATED THAT 45 PER CENT OF THE URBAN POPULATION HAD WATER SERVICE BY HOUSE CONNECTIONS OR PUBLIC HYDRANTS AND 3 PER CENT OF THE RURAL POPULATION WAS SERVED. HAITI PLANS TO CONCENTRATE ITS EFFORTS DURING THE REMAINDER OF THE DECADE ON THE URBAN WATER SUPPLY PROGRAM AND INTENDS TO MEET THE GOAL OF THE CHARTER FOR URBAN WATER SUPPLIES BY 1971. THIS WILL INVOLVE THE EXPENDITURE OF AN ESTIMATED \$7.4 MILLION.

IN 1964 A CENTRAL AUTHORITY FOR PORT-AU-PRINCE WAS ESTABLISHED, AND AN INTERNATIONAL LOAN OF \$2,360,000 WAS OBTAINED FOR THE CONSTRUCTION OF THE FIRST PART OF AN EXTENSION OF THE WATER SUPPLY SYSTEM FOR THE CITY AND FOR PETIONVILLE. CONSTRUCTION BEGAN IN DECEMBER 1967 AND WAS COMPLETED DURING THE EARLY PART OF 1969. PLANS HAVE BEEN DRAWN FOR THE SECOND PHASE, AND NEGOTIATIONS ARE UNDER WAY FOR AN ADDITIONAL INTERNATIONAL LOAN.

. . . CONTINUED

HAITI-2200, WATER SUPPLIES . . . CONTINUED

					FUND	1969	1970	1971	1972					
						\$	\$	\$	\$					
TOTAL			1	1	1	1	TOTAL		65,565	28,023	32,511	35,199		
P-4 SANITARY ENGINEER .1058	PR		1	1	1	1	SUBTOTAL	PR	20,915	28,023	32,511	35,199		
TOTAL			-	2	1	2	PERSONNEL-POSTS		19,720	20,473	21,361	22,249		
CONSULTANT MONTHS	PR		-	2	1	2	PERSONNEL-CONSULTANTS		-	3,600	1,800	3,600		
TOTAL			-	2	4	4	DUTY TRAVEL		1,195	1,000	1,000	1,000		
FELLOWSHIPS-ACADEMIC	PR		-	-	1	1	SUPPLIES AND EQUIPMENT		-	150	150	150		
FELLOWSHIPS-SHORT TERM	PR		-	2	3	3	FELLOWSHIPS		-	2,800	8,200	8,200		
							SUBTOTAL	PG	44,650	-	-	-		
							CONTRACTUAL SERVICES		44,650	-	-	-		
							EST. GOVERNMENT CONTRIB.			(3,000,000)	(3,000,000)	(3,000,000)		

HAITI-3100, HEALTH SERVICES

THE PURPOSE OF THIS PROJECT IS TO COOPERATE WITH THE GOVERNMENT IN THE DEVELOPMENT OF BASIC HEALTH SERVICES AT ALL LEVELS. IN AN AREA OF THE WESTERN DEPARTMENT WITH 36,000 POPULATION, HEALTH PROBLEMS HAVE BEEN DEFINED, ACTIVITIES PLANNED, AND TRAINING PROGRAMS DEVELOPED AS A DEMONSTRATION AREA.

THE GENERAL MORTALITY RATE IS ESTIMATED AT 20 PER 1,000, AND THE INFANT MORTALITY RATE MAY COME TO 200 PER 1,000. MALNUTRITION AND COMMUNICABLE DISEASES HAVE A HIGH INCIDENCE. IN THE RURAL AREAS, WITH 86 PER CENT OF THE POPULATION, HEALTH PROBLEMS ARE VERY SERIOUS AND DEVELOPMENT OF SERVICES REMAINS INADEQUATE TO MEET THE NEEDS OF THE GROWING POPULATION.

EXISTING RESOURCES HAVE BEEN STUDIED, AND THIS ANALYSIS WILL BE USED AS THE BASIS FOR A NATIONAL HEALTH PLAN. UNITS FOR EVALUATION AND PLANNING HAVE ALREADY BEEN ESTABLISHED, AND BOTH HAVE PARTICIPATION OF OTHER PUBLIC SECTORS.

					TOTAL	65,548	116,059	158,239	176,924					
TOTAL			5	5	9	8	TOTAL		65,548	116,059	158,239	176,924		
P-5 PAHO/WHO REPRESENTATIVE .0500	PR		1	1	1	1	SUBTOTAL	PR	49,846	45,659	86,439	101,124		
P-4 MEDICAL OFFICER .3385 4.3385	PR		1	1	1	1	PERSONNEL-POSTS		25,895	41,159	83,439	98,124		
P-3 ADMIN. METHODS OFFICER .3582	PR		-	-	1	1	PERSONNEL-CONSULTANTS		3,050	-	-	-		
P-3 NURSE .3516	PR		-	-	1	1	DUTY TRAVEL		471	3,000	3,000	3,000		
P-3 NURSE 4.0503	WT		1	1	1	1	SUPPLIES AND EQUIPMENT		4,360	1,500	-	-		
P-2 STATISTICIAN 4.2129	WT		1	1	1	1	FELLOWSHIPS		11,011	-	-	-		
P-1 SANITARIAN .3533	PR		-	-	1	1	COMMON SERVICES		5,059	-	-	-		
G-5 SECRETARY .0504	PR		1	1	1	1	SUBTOTAL	WR	15,702	22,400	23,800	27,800		
TOTAL			2	6	-	-	PERSONNEL-CONSULTANTS		-	10,800	-	-		
CONSULTANT MONTHS	PR		2	-	-	-	DUTY TRAVEL		-	1,000	1,000	1,000		
CONSULTANT MONTHS	WR		-	6	-	-	FELLOWSHIPS		15,702	5,600	17,800	21,800		
TOTAL			7	4	9	10	COMMON SERVICES		-	5,000	5,000	5,000		
FELLOWSHIPS-ACADEMIC	PR		2	-	-	-	SUBTOTAL	WT	-	48,000	48,000	48,000		
FELLOWSHIPS-ACADEMIC	WR		3	-	2	3	PERSONNEL-POSTS		-	45,000	45,000	45,000		
FELLOWSHIPS-SHORT TERM	PR		1	-	-	-	DUTY TRAVEL		-	3,000	3,000	3,000		
FELLOWSHIPS-SHORT TERM	WR		1	4	7	7	EST. GOVERNMENT CONTRIB.			(1,800,000)	(1,800,000)	(1,800,000)		

HAITI-3300, LABORATORY SERVICES

THE PURPOSE OF THIS PROJECT IS TO ASSIST IN STRENGTHENING AND IMPROVING THE NATIONAL PUBLIC HEALTH LABORATORY AND THE HOSPITAL AND FIELD LABORATORIES.

					TOTAL	2,269	3,400	6,600	6,600					
TOTAL			-	-	1	1	TOTAL	PR	2,269	3,400	6,600	6,600		
CONSULTANT MONTHS	PR		-	-	1	1	PERSONNEL-CONSULTANTS		-	-	1,800	1,800		
TOTAL			-	1	2	2	SUPPLIES AND EQUIPMENT		2,269	2,000	2,000	2,000		
FELLOWSHIPS-SHORT TERM	PR		-	1	2	2	FELLOWSHIPS		-	1,400	2,800	2,800		
							EST. GOVERNMENT CONTRIB.			( 20,000)	( 20,000)	( 20,000)		

HAITI-4200, NUTRITION

OF THE PRESCHOOL POPULATION OF ABOUT 800,000 IN 1967, SOME 250,000 (30 PER CENT) SUFFER FROM PROTEIN-CALORIE MALNUTRITION, RESULTING IN HIGH RATES OF INFANT MORBIDITY AND MORTALITY. IN THE AGE GROUP ONE TO FOUR YEARS, PROTEIN-CALORIE MALNUTRITION IS THE LEADING CAUSE OF DEATH AND OCCASIONS THE GREATEST NUMBER OF ADMISSIONS TO HOSPITAL INSTITUTIONS.

THE PURPOSE OF THIS PROJECT IS TO ORGANIZE NUTRITION SERVICES AS AN INTEGRAL PART OF THE HEALTH CENTERS, DISPENSARIES, AND HOSPITALS; TO ESTABLISH APPLIED NUTRITION PROGRAMS LINKED WITH AGRICULTURAL EXTENSION SERVICES AND EDUCATION PROGRAMS; TO STIMULATE THE USE OF LOCALLY PRODUCED FOODS; TO TRAIN PERSONNEL; TO COOPERATE IN THE COORDINATION AND SUPERVISION OF NUTRITION WORK CARRIED OUT IN THE COUNTRY, INCLUDING INSTITUTIONAL FOOD SERVICES; AND TO MAKE SPECIAL SURVEYS TO EVALUATE PROGRESS. THE PROJECT IS SUPPORTED BY THE WILLIAMS-WATERMAN FUND, RESEARCH CORPORATION.

FUND	1969	1970	1971	1972	FUND	1969	1970	1971	1972
						\$	\$	\$	\$
TOTAL	PG	46,771	49,861	50,861	-				
LOCAL COSTS		46,771	49,861	50,861	-				

HAITI-4204, NUTRITION AND MATERNAL AND CHILD HEALTH

THE PURPOSE OF THIS PROJECT WAS TO STRENGTHEN THE NUTRITION EDUCATION ACTIVITIES IN THE MOTHER AND CHILD HEALTH CENTER OF THE GENERAL HOSPITAL IN PORT-AU-PRINCE. THIS CENTER IS USED TO PROVIDE SPECIFIC TRAINING FOR NURSES, MEDICAL STUDENTS, AND HOSPITAL RESIDENTS IN PEDIATRICS. IT ALSO SERVES AS AN EXAMPLE OF EFFECTIVE INTEGRATION OF NUTRITION ACTIVITIES WITHIN A PUBLIC HEALTH PROGRAM. THE UNITARIAN UNIVERSALIST SERVICE COMMITTEE, INC. SUPPORTED THIS PROJECT.

TOTAL	PG	2,230	-	-	-
LOCAL COSTS		2,230	-	-	-

HAITI-4205, CORN BREEDING IMPROVEMENT PROJECT

THIS PROJECT IS SUPPORTED BY THE WILLIAMS-WATERMAN FUND, RESEARCH CORPORATION, AND WAS ESTABLISHED IN ORDER TO STUDY SELECTIVE CORN BREEDING AS A MEANS OF INCREASING THE NUTRITIONAL VALUE AND YIELD OF THE LEADING FOOD CROP.

TOTAL	PG	2,000	4,500	-	-
LOCAL COSTS		2,000	4,500	-	-

HAITI-6200, MEDICAL EDUCATION

ONE OF THE PRIMARY LIMITATIONS ON THE DEVELOPMENT OF HEALTH SERVICES IS THE LACK OF MEDICAL PERSONNEL. THIS IS DUE TO THE FACT THAT THE SCHOOL OF MEDICINE CAN GRADUATE ONLY 50 TO 60 STUDENTS A YEAR. THIS IS NOT SUFFICIENT TO MEET PRESENT AND FUTURE NEEDS AND PROFESSIONAL EMIGRATION.

WITH THE ASSISTANCE OF A LOAN FROM IADB, THE GOVERNMENT EXPECTS TO CONSTRUCT AND EQUIP BUILDINGS FOR TEACHING THE BASIC SCIENCES, TO REVISE ITS TEACHING METHODS, AND TO IMPROVE LABORATORIES. THE PROJECT WILL ASSIST THE STRENGTHENING OF THE PROGRAMS OF STUDY AND TRAINING OF TEACHING PERSONNEL.

TOTAL		1	1	1	1	TOTAL	PR	3,721	15,714	26,737	28,331
P-4 MEDICAL EDUCATOR .2189	PR	1	1	1	1	PERSONNEL-POSTS		-	15,714	20,837	22,431
						PERSONNEL-CONSULTANTS		3,101	-	-	-
						DUTY TRAVEL		-	-	500	500
TOTAL		2	-	-	-	SUPPLIES AND EQUIPMENT		620	-	-	-
						FELLOWSHIPS		-	-	5,400	5,400
CONSULTANT MONTHS	PR	2	-	-	-	EST. GOVERNMENT CONTRIB.			1 80,000	1 80,000	1 80,000
TOTAL		-	-	2	2						
FELLOWSHIPS-ACADEMIC	PR	-	-	1	1						
FELLOWSHIPS-SHORT TERM	PR	-	-	1	1						

HAITI-6300, NURSING EDUCATION

IN 1968 THE RATIO OF GRADUATE NURSES PER 10,000 POPULATION WAS 6.7 IN THE CAPITAL AND 0.4 IN THE REST OF THE COUNTRY. OF THE 771 AUXILIARIES, 84 PER CENT HAVE NOT HAD ANY FORMAL TRAINING. IN 1968 WITH UNICEF ASSISTANCE THE FIRST SCHOOL OF AUXILIARY NURSES WAS ESTABLISHED IN PORT-AU-PRINCE. IN THE YEARS 1968-1969, 87 AUXILIARIES WERE TRAINED.

THE PURPOSE OF THIS PROJECT IS TO ASSIST IN MAKING AN ASSESSMENT OF NURSING EDUCATION NEEDS AND RESOURCES, IN IMPROVING THE TEACHING IN THE THREE SCHOOLS OF NURSING, AND IN ACCELERATING THE TRAINING OF AUXILIARY PERSONNEL.

. . . CONTINUED

## HAITI-6300, NURSING EDUCATION . . . CONTINUED

FUND 1969 1970 1971 1972					FUND 1969 1970 1971 1972						
TOTAL		-	3	4	4	TOTAL	PR	-	11,800	12,000	20,000
CONSULTANT MONTHS	PR	-	3	4	4	PERSONNEL-CONSULTANTS	-	-	5,400	7,200	7,200
TOTAL		-	1	2	4	SUPPLIES AND EQUIPMENT	-	-	5,000	2,000	2,000
						FELLOWSHIPS	-	-	1,400	2,800	10,800
FELLOWSHIPS-ACADEMIC	PR	-	-	-	2	EST. GOVERNMENT CONTRIB.			( 126,000)	( 126,000)	( 126,000)
FELLOWSHIPS-SHORT TERM	PR	-	1	2	2						

## HAITI-6400, SANITARY ENGINEERING EDUCATION

THE PURPOSE OF THIS PROJECT IS TO ASSIST IN EXPANDING AND IMPROVING THE TEACHING OF SANITARY ENGINEERING AND IN ORGANIZING SHORT COURSES IN SPECIALIZED FIELDS AT THE FACULTY OF ENGINEERING OF THE NATIONAL POLYTECHNIC SCHOOL OF HAITI. AT THE BEGINNING, THESE ACTIVITIES WILL BE CLOSELY RELATED TO THE WATER SUPPLY AND EXCRETA DISPOSAL PROGRAMS THAT ARE BEING IMPLEMENTED IN THE COUNTRY.

FUND 1969 1970 1971 1972					FUND 1969 1970 1971 1972						
TOTAL		-	-	2	1	TOTAL	PR	-	-	8,400	9,800
CONSULTANT MONTHS	PR	-	-	2	1	PERSONNEL-CONSULTANTS	-	-	-	3,600	1,800
TOTAL		-	-	2	1	SUPPLIES AND EQUIPMENT	-	-	-	2,000	4,000
						FELLOWSHIPS	-	-	-	2,800	4,000
FELLOWSHIPS-ACADEMIC	PR	-	-	-	1	EST. GOVERNMENT CONTRIB.				( 40,000)	( 40,000)
FELLOWSHIPS-SHORT TERM	PR	-	-	2	-						

HAITI  
PORTIONS OF INTERCOUNTRY PROJECTS

					1969 1970 1971 1972			
TOTAL AMRO PROJECTS					92,419	133,032	148,894	155,779
0102 EPIDEMIOLOGY -- ZONE II					5,584	5,501	5,705	5,909
0111 EPIDEMIOLOGICAL SURVEILLANCE PROGRAM					-	-	-	701
0200 MALARIA TECHNICAL ADVISORY SERVICES					2,589	2,251	2,388	2,575
0217 FIELD INVESTIGATION OF MASS DRUG TREATMENT					157	-	-	-
0218 PROMOTION OF RURAL HLTH SERV AND ERADICATION CAMPAIGNS					1,271	974	1,102	2,232
0219 DATA PROCESSING & OPERATIONS RESEARCH IN MALARIA ERADICATION					-	868	1,656	2,691
0402 TUBERCULOSIS CONTROL -- ZONE II					1,512	2,212	2,454	2,439
0408 SEMINAR ON TUBERCULOSIS CONTROL					-	-	1,006	-
0500 LEPRCSY CONTROL					162	235	263	302
0600 VENEREAL DISEASE CONTROL					221	918	324	972
0700 PAN AMERICAN ZOONOSES CENTER - RAMOS MEJIA					3,864	4,249	4,237	4,680
0702 VETERINARY PUBLIC HEALTH -- ZONE II					3,605	3,446	3,654	3,787
1008 CHAGAS' DISEASE					225	214	252	540
2100 ENVIRONMENTAL SANITATION					134	351	351	599
2102 SANITARY ENGINEERING -- ZONE II					6,262	7,323	7,096	7,756
2114 PAN AMERICAN SANITARY ENGINEERING CENTER					4,781	8,239	10,433	11,152
2116 CONFERENCE ON INTEGRATION OF ENVIRONMENTAL PROGRAMS					-	-	-	544
2200 WATER SUPPLIES					3,042	1,397	2,191	2,326
2215 APPLIED RESEARCH ON WATER SUPPLIES					347	-	150	300
2222 SEMINAR ON LOANS & PROJECT DEVELOPMENT					-	-	-	971
3110 COORDINATION OF INTERNATIONAL RESEARCH					2,021	1,247	1,364	1,974
3124 APPLICATION OF DATA PROCESSING TO HEALTH ADMINISTRATION					392	-	-	-
3130 CONFERENCE ON MYCOLOGY					-	1,130	-	-
3200 NURSING SERVICES					245	861	918	1,203
3202 NURSING -- ZONE II					1,533	4,840	5,947	6,352
3210 HOSPITAL NURSING SERVICES					24	929	1,138	1,202
3211 SEMINAR ON PLANNING FOR NURSING					-	-	-	1,500
3213 SEMINAR ON ADMINISTRATION OF NURSING SERVICES					-	-	1,944	-
3300 LABORATORY SERVICES					414	482	501	501
3310 CONFERENCE ON VIRAL AND RICKETTSIAL VACCINES					-	1,405	-	-
3311 TRAINING LABORATORY PERSONNEL					-	798	623	686
3400 HEALTH EDUCATION					57	248	372	372
3407 COMMUNITY DEVELOPMENT TRAINING CENTER					1,225	1,117	1,211	1,185
3500 HEALTH STATISTICS					14	-	350	306
3502 HEALTH STATISTICS -- ZONE II					6,017	6,325	6,575	6,874



## HAITI - PORTIONS OF INTERCOUNTRY PROJECTS . . . CONTINUED

3600	ADMINISTRATIVE METHODS AND PRACTICES IN PUBLIC HEALTH	1,638	1,578	1,613	2,273
3602	ADMINISTRATIVE METHODS AND PRACTICES - ZONE II	-	3,347	4,367	5,406
3607	MANAGEMENT OF HEALTH SERVICES	-	-	5,243	5,243
3700	HEALTH PLANNING	2,096	4,191	3,902	4,071
3715	PAN AMERICAN PROGRAM FOR HEALTH PLANNING	1,672	5,064	4,030	3,796
4100	MATERNAL AND CHILD HEALTH	63	399	436	1,444
4115	NURSING-MIDWIFERY EDUCATION	610	-	-	-
4200	NUTRITION ADVISORY SERVICES	255	388	590	601
4203	INSTITUTE OF NUTRITION OF CENTRAL AMERICA AND PANAMA	8,703	7,117	6,982	7,359
4221	SEMINAR ON NUTRITION IN FOOD AND HEALTH POLICIES	144	-	200	200
4225	GRADUATE COURSE IN PUBLIC HEALTH NUTRITION	-	1,427	1,312	1,301
4311	STUDY GROUP ON ADM. OF PSYCHIATRIC & MENTAL HEALTH SERVICES	745	-	-	-
4500	HEALTH ASPECTS OF RADIATION	-	-	-	845
4507	RADIATION HEALTH PROTECTION	1,382	1,302	1,332	1,362
4700	FOOD AND DRUG CONTROL	1,213	1,289	1,337	1,385
4800	MEDICAL CARE SERVICES	1,539	835	1,162	1,182
4802	MEDICAL CARE SERVICES -- ZONE II	-	1,080	-	1,080
4810	CHRONIC DISEASES	1,007	1,240	1,293	1,347
4813	HOSPITAL PLANNING AND ADMINISTRATION	153	268	2,373	2,413
4815	TRAINING FOR MEDICAL CARE AND HOSPITAL ADMINISTRATION	164	201	1,097	1,281
4819	SEMINAR ON CANCER REGISTRATION	637	-	-	-
4900	HEALTH AND POPULATION DYNAMICS	15,347	34,293	31,589	24,188
5000	REHABILITATION	740	1,673	2,404	2,370
6000	MEDICAL EDUCATION- TEXTBOOKS AND TEACHING MATERIALS	847	400	400	479
6200	MEDICAL EDUCATION	2,704	2,429	2,345	2,418
6202	MEDICAL EDUCATION -- ZONE II	-	1,080	1,440	1,440
6216	PREVENTIVE MEDICINE EDUCATION	2,874	2,126	1,717	1,789
6223	TEACHING OF BEHAVIORAL SCIENCES	172	264	3,764	3,764
6224	FACULTY AND RESEARCH TRAINING CENTERS	-	1,152	911	911
6225	SURVEY OF FELLOWSHIP PROGRAMS	-	-	259	-
6226	COMMUNITY-CENTERED RESEARCH IN MEDICAL EDUCATION	-	-	-	519
6400	SANITARY ENGINEERING EDUCATION	643	557	562	584
6707	LATIN AMERICAN CENTER FOR THE CLASSIFICATION OF DISEASES	880	1,011	1,186	1,214
6708	TRAINING PROGRAM IN HOSPITAL STATISTICS	493	765	843	883

## HAITI

## SUMMARY OF INVESTMENTS BY SOURCE OF FUNDS

SOURCE OF FUNDS	*-----COUNTRY PROJECTS-----*				*-----PORTIONS OF INTER-COUNTRY PROJECTS-----*			
	1969	1970	1971	1972	1969	1970	1971	1972
TOTAL FUNDS	289,629	342,557	407,996	390,801	92,419	133,032	148,894	155,779
PR PAHO REGULAR	76,751	104,596	172,687	201,054	41,085	62,279	68,588	81,359
PM PAHO SPECIAL MALARIA	87,743	98,675	89,070	90,542	1,219	-	-	-
PG PAHO GRANTS & OTHER CONTRIB.	95,651	54,361	50,861	-	25,473	36,472	30,450	22,773
WR WHO REGULAR	29,484	36,925	47,378	51,205	23,003	29,568	37,160	39,148
WT WHO TECHNICAL ASSISTANCE	-	48,000	48,000	48,000	-	-	9,007	9,007
WS UNITED NATIONS SPECIAL FUND	-	-	-	-	1,528	4,598	3,564	3,355
WD WHO GRANTS & OTHER FUNDS	-	-	-	-	111	115	125	137

SOURCE OF FUNDS	*-----TOTAL ALL PROJECTS-----*			
	1969	1970	1971	1972
TOTAL FUNDS	382,048	475,589	556,890	546,580
PR PAHO REGULAR	117,836	166,875	241,275	282,413
PM PAHO SPECIAL MALARIA	88,962	98,675	89,070	90,542
PG PAHO GRANTS & OTHER CONTRIB.	121,124	90,833	81,311	22,773
WR WHO REGULAR	52,487	66,493	84,538	90,353
WT WHO TECHNICAL ASSISTANCE	-	48,000	57,007	57,007
WS UNITED NATIONS SPECIAL FUND	1,528	4,598	3,564	3,355
WD WHO GRANTS & OTHER FUNDS	111	115	125	137



## MEXICO

## PROGRAM BUDGET

1969		1970			1971		1972	
AMOUNT	PERCENT	AMOUNT	PERCENT		AMOUNT	PERCENT	AMOUNT	PERCENT
\$		\$			\$		\$	
403,046	42.8	545,590	47.5	I. PROTECTION OF HEALTH	550,774	37.1	575,709	45.8
334,274	35.4	455,524	39.7	A. COMMUNICABLE DISEASES	462,903	31.1	474,219	37.7
6,978	.7	8,676	.8	0100 GENERAL	8,931	.6	10,588	.9
125,093	13.3	223,157	19.4	0200 MALARIA	226,255	15.2	225,092	17.9
6,760	.7	-	-	0300 SMALLPOX	-	-	-	-
22,215	2.4	40,962	3.6	0400 TUBERCULOSIS	47,188	3.2	46,726	3.7
1,957	.2	2,816	.3	0500 LEPROSY	3,163	.2	6,392	.5
98	*	2,208	.2	0600 VENEREAL DISEASES	1,944	.1	2,232	.2
169,949	18.0	176,423	15.3	0700 ZOOSES	174,167	11.7	181,564	14.4
1,224	.1	1,282	.1	1000 PARASITIC DISEASES	1,255	.1	1,625	.1
68,772	7.4	90,066	7.8	B. ENVIRONMENTAL HEALTH	87,871	6.0	101,490	8.1
12,024	1.3	14,940	1.3	2100 GENERAL	18,853	1.3	19,403	1.6
56,205	6.0	74,038	6.4	2200 WATER SUPPLIES	67,893	4.6	80,925	6.4
543	.1	1,088	.1	2400 HOUSING	1,125	.1	1,162	.1
369,549	39.3	420,218	36.6	II. PROMOTION OF HEALTH	735,841	49.6	473,128	37.5
319,986	34.0	364,959	31.7	A. GENERAL SERVICES	672,826	45.2	402,041	31.9
100,943	10.7	70,600	6.1	3100 GENERAL PUBLIC HEALTH	70,914	4.8	75,752	6.0
9,597	1.0	15,254	1.3	3200 NURSING	18,543	1.2	17,372	1.4
153,170	16.3	210,948	18.4	3300 LABORATORY	525,037	35.3	255,100	20.3
5,674	.6	3,536	.3	3400 HEALTH EDUCATION	3,125	.2	3,099	.2
41,850	4.4	36,977	3.2	3500 STATISTICS	23,623	1.6	16,929	1.3
1,636	.2	8,261	.7	3600 ADMINISTRATIVE METHODS	15,591	1.0	18,329	1.5
7,116	.8	19,383	1.7	3700 HEALTH PLANNING	15,993	1.1	15,460	1.2
49,563	5.3	55,259	4.9	B. SPECIFIC PROGRAMS	63,015	4.4	71,087	5.6
5,559	.6	9,402	.8	4100 MATERNAL AND CHILD HEALTH	11,519	.8	12,423	1.0
10,128	1.1	7,856	.7	4200 NUTRITION	8,963	.6	9,353	.7
2,239	.2	-	-	4300 MENTAL HEALTH	2,380	.2	2,994	.2
4,368	.5	4,100	.4	4400 DENTAL HEALTH	3,830	.3	4,103	.3
1,381	.1	1,301	.1	4500 RADIATION AND ISOTOPES	1,331	.1	4,156	.3
1,480	.2	1,637	.1	4600 OCCUPATIONAL HEALTH	1,907	.1	1,972	.2
2,492	.3	4,132	.4	4700 FOOD AND DRUG	4,022	.3	4,680	.4
15,415	1.6	19,015	1.7	4800 MEDICAL CARE	22,151	1.5	25,585	2.0
3,644	.4	4,898	.4	4900 HEALTH AND POPULATION DYNAMICS	4,510	.3	3,453	.3
2,857	.3	2,918	.3	5000 REHABILITATION	2,402	.2	2,368	.2
169,361	17.9	183,766	15.9	III. DEVELOPMENT OF EDUCATIONAL INSTITUTIONS	200,770	13.3	210,573	16.7
4,041	.4	5,093	.4	6100 PUBLIC HEALTH	6,449	.4	5,159	.4
49,025	5.2	95,502	8.3	6200 MEDICINE	107,759	7.2	114,337	9.1
34,204	3.6	45,273	3.9	6300 NURSING	47,070	3.2	49,215	3.9
72,833	7.7	19,974	1.7	6400 ENVIRONMENTAL SCIENCES	20,154	1.3	21,639	1.7
-	-	4,794	.4	6500 VETERINARY MEDICINE	4,794	.3	4,856	.4
2,170	.2	1,909	.2	6600 DENTISTRY	2,223	.1	2,509	.2
7,088	.8	11,221	1.0	6700 BIOSTATISTICS	12,321	.8	12,858	1.0
941,956	100.0	1,149,574	100.0	GRAND TOTAL	1,487,385	100.0	1,259,410	100.0

\* LESS THAN .05 PERCENT

## MEXICO

## SUMMARY OF INVESTMENT

SOURCE OF FUNDS	TOTAL AMOUNT	*-----PERSONNEL-----*			*---DUTY---*	*---FELLOWSHIPS---*		*---SEMINARS---*		*SUPPLIES*	*--GRANTS--*	
		POSTS PROF.	LOCAL	STC MONTH	TRAVEL AMOUNT	ACAD.	SHORT	PART.	AMOUNT	AND EQUIPMENT	AND OTHER	
	\$				\$				\$	\$	\$	
1969												
PAHO---PR	322,756	4	-	5	207,490	18,469	-	4	5,701	11,242	42,167	37,687
PM	114,157	2	-	-	16,135	1,579	-	-	-	-	95,751	692
PG	197,565	-	-	-	45,374	4,764	-	-	2,317	4,384	24,974	115,752
WHO---WR	267,395	-	-	14	69,297	6,557	8	15	40,954	6,745	120,618	23,224
WT	35,385	3	-	-	33,988	1,097	-	-	-	-	-	300
WS	4,587	-	-	-	3,434	271	-	-	-	-	615	267
WO	111	-	-	-	111	-	-	-	-	-	-	-
TOTAL	941,956	9	-	19	375,829	32,737	8	19	48,972	22,371	284,125	177,922
PER CENT OF TOTAL	100.0				39.9	3.5			5.2	2.4	30.1	18.9
1970												
PAHO---PR	371,944	3	-	6	202,985	17,522	-	2	7,654	8,988	111,172	23,623
PM	105,197	2	-	2	39,597	3,000	-	1	1,400	-	60,000	1,200
PG	195,537	-	-	-	36,044	5,213	-	-	3,668	-	7,187	114,764
WHO---WR	249,573	-	-	30	120,467	5,896	9	25	74,099	5,534	28,912	14,665
WT	78,564	3	-	-	68,826	4,566	-	2	3,784	-	1,088	300
WS	148,644	1	-	6	36,000	360	-	-	-	-	102,441	9,843
WO	115	-	-	-	115	-	-	-	-	-	-	-
TOTAL	1,149,574	9	-	44	504,034	36,557	9	30	90,605	21,709	332,274	164,395
PER CENT OF TOTAL	100.0				43.8	3.2			7.9	1.9	28.9	14.3
1971												
PAHO---PR	383,500	3	-	5	218,730	17,722	-	2	8,291	3,984	110,320	24,453
PM	106,451	2	-	1	39,451	3,000	-	2	2,800	-	60,000	1,200
PG	170,372	-	-	-	34,969	3,805	-	-	2,455	77	23,354	105,712
WHO---WR	274,176	-	-	30	136,675	6,620	9	25	75,914	9,375	29,882	15,710
WT	91,568	3	-	-	75,250	4,909	-	2	9,723	-	1,386	300
WS	461,193	3	-	26	142,264	360	-	4	11,200	-	300,763	6,606
WO	125	-	-	-	125	-	-	-	-	-	-	-
TOTAL	1,487,385	11	-	62	647,464	36,416	9	35	110,383	13,436	525,705	153,981
PER CENT OF TOTAL	100.0				43.5	2.5			7.4	.9	35.3	10.4
1972												
PAHO---PR	544,731	6	-	4	304,196	19,451	-	3	9,931	7,547	173,250	30,356
PG	164,833	-	-	-	33,866	3,354	-	-	1,875	116	22,510	103,112
WHO---WR	291,575	-	-	33	149,006	6,804	9	25	76,247	13,254	31,285	14,979
WT	67,568	2	-	-	52,750	3,409	-	2	9,723	-	1,386	300
WS	190,566	3	-	26	141,760	360	-	4	11,200	-	30,682	6,564
WO	137	-	-	-	137	-	-	-	-	-	-	-
TOTAL	1,259,410	11	-	63	681,715	33,378	9	34	108,976	20,917	259,113	155,311
PER CENT OF TOTAL	100.0				54.1	2.7			8.6	1.7	20.6	12.3

PAHO PR-REGULAR BUDGET  
 PM-SPECIAL FUND FOR MALARIA ERADICATION  
 PW-COMMUNITY WATER SUPPLY  
 PG-GRANTS AND OTHER CONTRIBUTIONS  
 PI-INCAP AND OTHER RELATED GRANTS

WHO WR-REGULAR BUDGET  
 WA-MALARIA ERADICATION SPECIAL ACCOUNT  
 WT-UNITED NATIONS TECHNICAL ASSISTANCE  
 WS-UNITED NATIONS SPECIAL FUND  
 WO-GRANTS AND OTHER FUNDS



MEXICO-0700, ZOONOSES CONTROL . . . CONTINUED

FUND					FUND					
1969	1970	1971	1972		1969	1970	1971	1972		
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
\$	\$	\$	\$		\$	\$	\$	\$		
TOTAL	-	5	5	5	TOTAL	WR	-	7,000	7,000	7,000
FELLOWSHIPS--SHORT TERM	WR	-	5	5	FELLOWSHIPS		-	7,000	7,000	7,000

MEXICO-2200, WATER SUPPLIES

OUT OF THE TOTAL URBAN POPULATION OF 27.9 MILLION, MORE THAN 18.7 MILLION (67 PER CENT) WERE SERVED IN 1969 BY HOUSE CONNECTIONS, WITH AN ADDITIONAL 4 MILLION HAVING EASY ACCESS TO PUBLIC OUTLETS. OF THE RURAL POPULATION, 3.7 MILLION (18 PER CENT) HAVE WATER SUPPLY SERVICE EITHER THROUGH HOUSE CONNECTIONS OR EASY ACCESS TO PUBLIC HYDRANTS. APPROXIMATELY 13.9 MILLION ARE PROVIDED WITH SEWERAGE SERVICE.

IN 1967 THE GOVERNMENT ESTIMATED THAT, TO REACH THE GOAL OF THE CHARTER OF PUNTA DEL ESTE BY 1971, AN INVESTMENT OF \$248.5 MILLION FOR WATER SUPPLIES AND \$540.5 FOR SEWERAGE SYSTEMS WOULD BE REQUIRED. AT THAT TIME THE GOVERNMENT PROGRAMED A TOTAL INVESTMENT OF \$384 MILLION TO SUPPLY 70 PER CENT OF THE URBAN POPULATION AND 35 PER CENT OF THE RURAL POPULATION WITH ADEQUATE WATER SUPPLIES AND 53 PER CENT OF THE URBAN POPULATION WITH SEWERAGE SYSTEMS.

TOTAL					TOTAL						
1969	1970	1971	1972		1969	1970	1971	1972			
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
TOTAL	1	1	1	1	TOTAL		30,365	46,873	45,961	50,449	
P-4 SANITARY ENGINEER .0528	PR	1	1	1	1	PR	24,840	25,073	24,161	23,249	
TOTAL	3	8	7	9	SUBTOTAL		24,840	25,073	24,161	23,249	
CONSULTANT MONTHS	PR	-	2	1	-	PERSONNEL--POSTS	24,236	20,473	21,361	22,249	
CONSULTANT MONTHS	WR	3	6	6	9	PERSONNEL--CONSULTANTS	-	3,600	1,800	-	
TOTAL	-	6	6	6	DUTY TRAVEL		604	1,000	1,000	1,000	
FELLOWSHIPS--ACADEMIC	WR	-	1	1	1	SUBTOTAL	WR	5,525	21,800	21,800	27,200
FELLOWSHIPS--SHORT TERM	WR	-	5	5	5	PERSONNEL--CONSULTANTS		5,115	10,800	10,800	16,200
					COURSE COSTS		410	-	-	-	
					FELLOWSHIPS		-	11,000	11,000	11,000	
					EST. GOVERNMENT CONTRIB.			22,400,000	20,000,000	20,000,000	

MEXICO-3100, HEALTH SERVICES

THE PURPOSE OF THIS PROJECT IS TO PROVIDE ASSISTANCE WITH PROBLEMS IN SPECIALIZED FIELDS OF PUBLIC HEALTH THROUGH SHORT-TERM CONSULTANTS AND FELLOWSHIPS, AS A PART OF THE NATIONAL HEALTH PLAN OF THE GOVERNMENT.

TOTAL					TOTAL						
1969	1970	1971	1972		1969	1970	1971	1972			
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
TOTAL	1	6	6	6	TOTAL		4,826	30,800	30,800	30,800	
CONSULTANT MONTHS	WR	1	6	6	6	SUBTOTAL	PR	22	-	-	-
TOTAL	1	5	5	5	SUPPLIES AND EQUIPMENT		22	-	-	-	
FELLOWSHIPS--ACADEMIC	WR	-	5	5	5	SUBTOTAL	WR	4,804	30,800	30,800	30,800
FELLOWSHIPS--SHORT TERM	WR	1	-	-	-	PERSONNEL--CONSULTANTS		1,254	10,800	10,800	10,800
					SUPPLIES AND EQUIPMENT		2,180	-	-	-	
					FELLOWSHIPS		1,370	20,000	20,000	20,000	
					EST. GOVERNMENT CONTRIB.			26,000,000	28,000,000	28,000,000	

MEXICO-3102, FELLOWSHIPS

PROVISION IS MADE FOR FELLOWSHIPS IN ORDER TO COLLABORATE WITH THE GOVERNMENT IN TRAINING STAFF FOR THE IMPROVEMENT AND EXPANSION OF ITS HEALTH SERVICES.

TOTAL					TOTAL					
1969	1970	1971	1972		1969	1970	1971	1972		
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
TOTAL	16	-	-	-	TOTAL	WR	25,915	-	-	-
FELLOWSHIPS--ACADEMIC	WR	6	-	-	-	FELLOWSHIPS		25,915	-	-
FELLOWSHIPS--SHORT TERM	WR	10	-	-	-					

MEXICO-3105, CONTINUED MEDICAL EDUCATION

PHYSICIANS WORKING IN RURAL COMMUNITIES DO NOT HAVE READY ACCESS TO NEW DEVELOPMENTS IN MEDICAL SCIENCE. TO IMPROVE THE QUALITY OF MEDICAL SERVICES IN RURAL AREAS, IT IS DESIRED TO SET UP FOR MEDICAL PRACTITIONERS WORKING IN RURAL AREAS A PROGRAM OF CONTINUOUS EDUCATION WHICH WOULD ENABLE THEM TO STUDY SUBJECTS OF THEIR CHOICE IN AN EDUCATIONAL INSTITUTION. THE PROGRAM BEGAN IN AUGUST 1968, WITH A PILOT PROJECT IN THE STATE OF MICHOACAN.

THE EXPERIENCE GAINED IN THIS PILOT PROGRAM WILL DETERMINE THE FEASIBILITY OF EXTENDING IT TO THE REST OF THE COUNTRY.

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MEXICO-3105, CONTINUED MEDICAL EDUCATION . . . CONTINUED

	FUND	1969	1970	1971	1972	FUND	1969	1970	1971	1972
		\$	\$	\$	\$		\$	\$	\$	\$
TOTAL	PR	20,000	10,000	10,000	10,000					
GRANTS		20,000	10,000	10,000	10,000					
EST. GOVERNMENT CONTRIB.			( 50,000)	( 100,000)	( 100,000)					

MEXICO-3300, LABORATORY SERVICES

THE PURPOSE OF THIS PROJECT IS TO ASSIST IN PLANNING AND ORGANIZING NEW LABORATORIES, IN TRAINING PERSONNEL, AND IN DEVELOPING THE PRODUCTION OF THE HIGH QUALITY BIOLOGICALS NEEDED FOR THE EXPANSION OF NATIONAL IMMUNIZATION PROGRAMS.

	FUND	1969	1970	1971	1972	FUND	1969	1970	1971	1972
		\$	\$	\$	\$		\$	\$	\$	\$
TOTAL		1	-	-	-	PR	16,636	40,000	40,000	40,000
CONSULTANT MONTHS	PR	1	-	-	-	PERSONNEL-CONSULTANTS	1,549	-	-	-
TOTAL		4	-	-	-	DUTY TRAVEL	249	-	-	-
FELLOWSHIPS-SHORT TERM	PR	4	-	-	-	SUPPLIES AND EQUIPMENT	10,114	40,000	40,000	40,000
						FELLOWSHIPS	4,724	-	-	-
EST. GOVERNMENT CONTRIB.						EST. GOVERNMENT CONTRIB.		( 300,000)	( 300,000)	( 300,000)

MEXICO-3301, TRAINING CENTER IN IMMUNOLOGY

THE PURPOSE OF THIS PROJECT IS TO ASSIST THE IMMUNOLOGY RESEARCH AND TRAINING CENTER, WHICH PROVIDES POSTGRADUATE TRAINING IN IMMUNOLOGY AND CARRIES OUT RESEARCH ON IMMUNOLOGICAL PROBLEMS OF LOCAL PUBLIC HEALTH IMPORTANCE, PARTICULARLY THOSE RELATED TO INFECTIOUS DISEASES.

THE CENTER OFFERS A THREE-YEAR ACADEMIC COURSE LEADING TO THE MASTER'S OR DOCTOR'S DEGREES IN IMMUNOLOGY AND ALSO SHORTER COURSES AND SEMINARS. SEVEN INSTITUTIONS IN MEXICO CITY PROVIDE LABORATORY FACILITIES AND THE SERVICES OF THEIR PERMANENT STAFF.

	FUND	1969	1970	1971	1972	FUND	1969	1970	1971	1972
		\$	\$	\$	\$		\$	\$	\$	\$
TOTAL		2	-	-	-	PR	14,178	5,000	5,000	5,000
CONSULTANT MONTHS	PR	2	-	-	-	PERSONNEL-CONSULTANTS	2,227	-	-	-
						SUPPLIES AND EQUIPMENT	6,831	2,000	2,000	2,000
						GRANTS	5,120	3,000	3,000	3,000

MEXICO-3302, VACCINE PRODUCTION

THE OBJECTIVE OF THIS PROJECT IS TO ASSIST THE GOVERNMENT IN THE ESTABLISHMENT OF FACILITIES FOR THE PRODUCTION OF LIVE POLIO VACCINE IN SUFFICIENT QUANTITY TO MEET THE NEEDS OF LATIN AMERICA, AND TO COOPERATE IN THE TRAINING OF PROFESSIONALS IN THE PRODUCTION AND CONTROL OF THE VACCINE.

THE MEXICAN GOVERNMENT HAS PREPARED A PLAN FOR THE RECONSTRUCTION OF THE NATIONAL INSTITUTE OF VIROLOGY WHERE POLIO VACCINE WILL BE PRODUCED. THE WORK ON THE RECONSTRUCTION HAS ALREADY STARTED. IT IS EXPECTED THAT THIS WILL BE FINISHED BY THE MIDDLE OF 1970. THIS NEW POLIO VACCINE PRODUCTION UNIT WILL BE OF A CAPACITY OF 50 TO 70 MILLION DOSES, WHICH WOULD MEET THE NEEDS OF LATIN AMERICA.

	FUND	1969	1970	1971	1972	FUND	1969	1970	1971	1972
		\$	\$	\$	\$		\$	\$	\$	\$
TOTAL		1	1	1	1	TOTAL	121,931	28,400	28,400	28,400
P-4 VIROLOGIST 4,0352	WT	1	1	1	1	SUBTOTAL	95,471	-	-	-
TOTAL		-	2	2	2	SUPPLIES AND EQUIPMENT	95,471	-	-	-
FELLOWSHIPS-SHORT TERM	WT	-	2	2	2	SUBTOTAL	26,460	28,400	28,400	28,400
						PERSONNEL-POSTS	25,915	22,500	22,500	22,500
						DUTY TRAVEL	545	1,500	1,500	1,500
						SUPPLIES AND EQUIPMENT	-	1,000	1,000	1,000
						FELLOWSHIPS	-	3,400	3,400	3,400
EST. GOVERNMENT CONTRIB.						EST. GOVERNMENT CONTRIB.		( 150,000)	( 150,000)	( 150,000)

MEXICO-3303, NATIONAL HEALTH LABORATORIES

THE PURPOSE OF THIS PROJECT IS TO ASSIST THE GOVERNMENT IN MODERNIZING THE NATIONAL HEALTH LABORATORIES WHICH ARE RESPONSIBLE FOR THE PRODUCTION OF VACCINES AND SERA, THE CONTROL OF FOOD AND DRUGS, DIAGNOSTIC SERVICES FOR CONTROL OF INFECTIOUS DISEASES, AND SCIENTIFIC RESEARCH INTO PUBLIC HEALTH PROBLEMS.

THE GOVERNMENT HAS REQUESTED A PROJECT WITH A DURATION OF FIVE YEARS WITH A TOTAL EXPENDITURE OF \$3,115,100.

UNDP IS CONSIDERING A CONTRIBUTION OF ONE MILLION DOLLARS.

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MEXICO-3303, NATIONAL HEALTH LABORATORIES . . . CONTINUED

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
TOTAL						TOTAL	WS	\$	\$	\$	\$
TOTAL		-	1	3	3	TOTAL	WS	-	134,850	450,500	180,500
P-5 PROJECT MANAGER 4.3583	WS	-	1	1	1	PERSONNEL-POSTS		-	13,550	81,300	81,300
P-4 BACTERIOLOGIST 4.3584	WS	-	-	1	1	PERSONNEL-CONSULTANTS		-	12,000	52,000	52,000
P-4 VIROLOGIST 4.3585	WS	-	-	1	1	SUPPLIES AND EQUIPMENT		-	100,000	300,000	30,000
TOTAL		-	6	26	26	FELLOWSHIPS		-	-	11,200	11,200
CONSULTANT MONTHS	WS	-	6	26	26	MISCELLANEOUS		-	9,300	6,000	6,000
TOTAL		-	-	4	4	EST. GOVERNMENT CONTRIB.			( 400,000)	( 400,000)	( 400,000)
FELLOWSHIPS-SHORT TERM	WS	-	-	4	4						

MEXICO-6100, SCHOOL OF PUBLIC HEALTH

THE PURPOSE OF THIS PROJECT IS TO COOPERATE WITH THE SCHOOL OF PUBLIC HEALTH IN TRAINING OF PERSONNEL FOR THE PUBLIC HEALTH SERVICES THROUGHOUT THE COUNTRY.

TOTAL						TOTAL	WR				
TOTAL		-	3	3	3	TOTAL	WR	-	4,200	4,200	4,200
FELLOWSHIPS-SHORT TERM	WR	-	3	3	3	FELLOWSHIPS		-	4,200	4,200	4,200
						EST. GOVERNMENT CONTRIB.			( 300,000)	( 300,000)	( 300,000)

MEXICO-6200, MEDICAL EDUCATION

IN MEXICO THERE ARE 23 SCHOOLS OF MEDICINE, AND MEDICAL EDUCATION IS DEVELOPING RAPIDLY. SEVERAL MEDICAL SCHOOLS ARE ALREADY PARTICIPATING IN A PROGRAM TO STRENGTHEN MEDICAL EDUCATION, WITH EMPHASIS ON THE TEACHING OF PREVENTIVE AND SOCIAL MEDICINE, THE TRAINING OF THE TEACHING AND RESEARCH STAFF OF MEDICAL SCHOOLS AND THE PEDAGOGICAL APPROACH TO THE TEACHING OF MEDICINE. OTHER SCHOOLS ARE EXPECTED TO TAKE PART AT A LATER DATE.

TOTAL			1	12	12	12	TOTAL	WR	7,377	60,000	60,000	60,000
CONSULTANT MONTHS	WR	1	12	12	12	PERSONNEL-CONSULTANTS		975	21,600	21,600	21,600	
TOTAL		1	8	9	8	SUPPLIES AND EQUIPMENT		4,700	19,000	19,000	19,000	
FELLOWSHIPS-ACADEMIC	WR	-	2	2	2	FELLOWSHIPS		1,702	16,400	16,400	16,400	
FELLOWSHIPS-SHORT TERM	WR	1	6	6	6	GRANTS		-	3,000	3,000	3,000	
						EST. GOVERNMENT CONTRIB.			( 400,000)	( 500,000)	( 500,000)	

MEXICO-6300, NURSING EDUCATION

MEXICO HAS 86 SCHOOLS OF NURSING AND 11 COURSES FOR TECHNICIANS FOR THE TRAINING OF PROFESSIONAL AND AUXILIARY NURSING PERSONNEL. NINETY THREE PER CENT OF THE NURSING SCHOOLS ARE UNDER THE TECHNICAL DIRECTION OF UNIVERSITIES OR OTHER INSTITUTIONS OF HIGHER LEARNING.

THE PURPOSE OF THIS PROJECT IS TO COOPERATE IN THE IMPROVEMENT OF THE ACADEMIC PROGRAMS FOR TRAINING OF NURSING PERSONNEL AND IN THE PREPARATION OF NURSES SPECIALIZED IN EDUCATION, ADMINISTRATION, AND PSYCHIATRIC NURSING.

TOTAL			2	2	2	2	TOTAL	PR	33,480	43,548	45,080	46,612
P-3 NURSE EDUCATOR .0517 .0518	PR	2	2	2	2	PERSONNEL-POSTS		27,755	31,048	32,580	34,112	
TOTAL		2	4	4	4	PERSONNEL-CONSULTANTS		2,477	7,200	7,200	7,200	
CONSULTANT MONTHS	PR	2	4	4	4	DUTY TRAVEL		2,531	2,500	2,500	2,500	
TOTAL		-	2	2	2	SUPPLIES AND EQUIPMENT		-	717	-	-	
FELLOWSHIPS-SHORT TERM	PR	-	2	2	2	FELLOWSHIPS		-	2,800	2,800	2,800	
						EST. GOVERNMENT CONTRIB.			( 75,000)	( 75,000)	( 75,000)	

MEXICO-6400, SANITARY ENGINEERING EDUCATION

THE ORGANIZATION HAS BEEN COLLABORATING WITH THE SCHOOLS OF SANITARY ENGINEERING OF THE NATIONAL AUTONOMOUS UNIVERSITY OF MEXICO, THE UNIVERSITY OF NUEVO LEON IN MONTERREY, THE UNIVERSITY OF CHIHUAHUA, AND THE AUTONOMOUS UNIVERSITY OF PUEBLA IN STRENGTHENING THE TEACHING OF SANITARY ENGINEERING AT THE POSTGRADUATE LEVEL AND IN ORGANIZING SHORT COURSES FOR PROFESSIONALS WORKING IN PUBLIC WORKS AND HEALTH AGENCIES. APPLIED RESEARCH PROJECTS ARE PRESENTLY UNDER WAY IN THE NATIONAL AUTONOMOUS UNIVERSITY OF MEXICO AND THE UNIVERSITY OF CHIHUAHUA.

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## MEXICO-6400, SANITARY ENGINEERING EDUCATION . . . CONTINUED

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
								\$	\$	\$	\$
TOTAL		1	-	-	-	TOTAL		70,903	17,800	17,800	17,800
P-4 SANITARY ENGINEER .1089	PR	1	-	-	-	SUBTOTAL	PR	27,795	-	-	-
TOTAL		4	2	2	2	PERSONNEL-POSTS DUTY TRAVEL		26,405	-	-	-
CONSULTANT MONTHS	WR	4	2	2	2	SUBTOTAL	WR	43,108	17,800	17,800	17,800
TOTAL		2	3	3	3	PERSONNEL-CONSULTANTS DUTY TRAVEL		4,986	3,600	3,600	3,600
FELLOWSHIPS-ACADEMIC	WR	2	-	-	-	SUPPLIES AND EQUIPMENT		1,098	-	-	-
FELLOWSHIPS-SHORT TERM	WR	-	3	3	3	FELLOWSHIPS		9,924	-	-	-
						GRANTS		7,610	4,200	4,200	4,200
								19,490	10,000	10,000	10,000
						EST. GOVERNMENT CONTRIB.			( 150,000)	( 150,000)	( 150,000)

## MEXICO-6500, VETERINARY MEDICINE EDUCATION

THE PURPOSE OF THIS PROJECT IS TO COOPERATE WITH THE SEVEN SCHOOLS OF VETERINARY MEDICINE IN MEXICO IN DEVELOPING AND IMPROVING THEIR TEACHING PROGRAMS, PARTICULARLY AS REGARDS PREVENTIVE MEDICINE AND PUBLIC HEALTH, THROUGH CURRICULUM REVISION, TRAINING OF PROFESSIONALS IN SPECIFIC AREAS OF VETERINARY PUBLIC HEALTH, EVALUATION OF TEACHING PROGRAMS, AND PROMOTION OF NEW COURSES.

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
								\$	\$	\$	\$
TOTAL		-	1	1	1	TOTAL	WR	-	4,000	4,000	4,000
FELLOWSHIPS-ACADEMIC	WR	-	1	1	1	FELLOWSHIPS		-	4,000	4,000	4,000
						EST. GOVERNMENT CONTRIB.			( 50,000)	( 50,000)	( 50,000)

MEXICO  
PORTIONS OF INTERCOUNTRY PROJECTS

	1969	1970	1971	1972
	\$	\$	\$	\$
TOTAL AMRO PROJECTS	458,120	478,906	499,193	539,744
0102 EPIDEMIOLOGY -- ZONE II	6,978	6,876	7,131	7,387
0111 EPIDEMIOLOGICAL SURVEILLANCE PROGRAM	-	-	-	1,401
0200 MALARIA TECHNICAL ADVISORY SERVICES	2,588	2,250	2,388	2,573
0217 FIELD INVESTIGATION OF MASS DRUG TREATMENT	419	-	-	-
0218 PROMOTION OF RURAL HLTH SERV AND ERADICATION CAMPAIGNSNS	1,270	973	1,102	2,231
0219 DATA PROCESSING & OPERATIONS RESEARCH IN MALARIA ERADICATION	-	1,737	3,314	5,383
0400 TUBERCULOSIS CONTRCL	358	1,289	2,710	4,354
0402 TUBERCULOSIS CONTRCL -- ZONE II	9,070	13,272	14,727	14,636
0408 SEMINAR ON TUBERCULOSIS CONTROL	-	-	2,015	-
0409 COURSES ON TUBERCULOSIS - EPIDEMIOLOGY	1,265	3,452	4,334	4,334
0410 COURSES ON TUBERCULOSIS - BACTERIOLOGY	873	2,949	3,402	3,402
0500 LEPROSY CONTROL	1,957	2,816	3,163	3,630
0507 COURSES ON REHAB AND PREVENTION OF DEFORMITIES (LEPROSY)	-	-	-	2,762
0600 VENEREAL DISEASE CONTROL	98	408	144	432
0700 PAN AMERICAN ZOOZOSES CENTER - RAMOS MEJIA	38,721	42,546	42,395	46,850
0702 VETERINARY PUBLIC HEALTH -- ZONE II	7,210	6,892	7,308	7,575
0708 RABIES CONTROL	-	-	-	675
0710 RABIES CONTROL - MEXICO USA BORDER	121,991	117,908	117,464	117,020
0713 SEMINAR ON ANIMAL TUBERCULOSIS	-	2,077	-	-
0714 SYMPOSIUM ON THE HLTH ASPECTS OF THE INTERNAL MOVMT OF ANIMALS	-	-	-	1,025
0716 SEMINAR ON RABIES VACCINE PRODUCTION AND CONTROL	2,027	-	-	-
0718 SEMINAR ON EPIDEMIOLOGY OF THE ZOOZOSES	-	-	-	1,419
1000 PARASITIC DISEASES	1,001	1,053	985	1,085
1008 CHAGAS' DISEASE	223	229	270	540
2100 ENVIRONMENTAL SANITATION	133	351	351	599
2102 SANITARY ENGINEERING -- ZONE II	10,958	12,816	12,416	13,568
2112 AIR POLLUTION CONFERENCE	163	-	-	-
2114 PAN AMERICAN SANITARY ENGINEERING CENTER	4,780	8,230	10,425	11,143

## MEXICO - PORTIONS OF INTERCOUNTRY PROJECTS . . . CONTINUED

2116	CONFERENCE ON INTEGRATION OF ENVIRONMENTAL PROGRAMS	-	-	-	1,634
2117	CONFERENCE ON ENVIRONMENTAL RESEARCH	-	-	2,561	-
2200	WATER SUPPLIES	15,210	6,986	10,961	11,636
2213	STUDIES AND INVESTIGATIONS OF WATER RESOURCES	486	1,144	1,377	1,377
2214	SEMINAR ON WATER POLLUTION CONTROL	-	2,510	-	-
2215	APPLIED RESEARCH ON WATER SUPPLIES	579	-	250	500
2219	WATER METERS	4,538	7,460	-	-
2220	PUBLIC SERVICES ADMINISTRATION	-	1,977	2,118	2,268
2222	SEMINAR ON LOANS & PROJECT DEVELOPMENT	-	-	-	2,912
2223	SEMINARS ON PUBLIC SERVICES ADMINISTRATION	-	-	-	466
2224	CONFERENCE ON RECENT ADVANCES IN WATER TREATMENT	-	-	-	3,436
2400	PUBLIC HEALTH ASPECTS OF HOUSING AND URBANIZATION	479	209	218	227
3108	FIELD OFFICE - UNITED STATES - MEXICO BORDER	68,495	51,853	54,325	60,339
3110	COORDINATION OF INTERNATIONAL RESEARCH	2,018	1,245	1,362	1,971
3124	APPLICATION OF DATA PROCESSING TO HEALTH ADMINISTRATION	403	-	-	-
3126	OPERATIONS RESEARCH	-	2,531	2,531	2,531
3129	RESEARCH TRAINING IN BIOMEDICAL SCIENCES	-	1,696	1,696	848
3130	CONFERENCE ON MYCOLOGY	-	1,127	-	-
3200	NURSING SERVICES	243	861	918	1,199
3202	NURSING -- ZONE II	3,833	12,102	14,871	15,884
3210	HOSPITAL NURSING SERVICES	24	928	1,136	1,202
3211	SEMINAR ON PLANNING FOR NURSING	2,139	-	-	-
3213	SEMINAR ON ADMINISTRATION OF NURSING SERVICES	-	-	1,944	-
3300	LABORATORY SERVICES	425	495	514	514
3310	CONFERENCE ON VIRAL AND RICKETTSIAL VACCINES	-	1,405	-	-
3311	TRAINING LABORATORY PERSONNEL	-	798	623	686
3400	HEALTH EDUCATION	57	248	372	372
3407	COMMUNITY DEVELOPMENT TRAINING CENTER	1,224	1,117	1,211	1,185
3408	CONFERENCE ON POSTGRADUATE TRAINING IN HEALTH EDUCATION	3,336	-	-	-
3409	STUDY GROUP ON HEALTH EDUCATION AND PLANNING	1,057	-	-	-
3410	TRAINING OF TEACHERS IN HEALTH EDUCATION	-	2,171	1,542	1,542
3500	HEALTH STATISTICS	14	-	349	306
3502	HEALTH STATISTICS -- ZONE II	12,035	12,650	13,151	13,749
3513	INTER-AMER. INVES. OF MORTALITY, IN CHILDHOOD	29,398	23,709	9,763	2,514
3515	CENTER FOR TRAINING IN USE OF COMPUTERS IN HEALTH STATISTICS	-	-	360	360
3516	REGIONAL SEMINAR ON DATA PROCESSING	-	618	-	-
3600	ADMINISTRATIVE METHODS AND PRACTICES IN PUBLIC HEALTH	1,636	1,576	1,613	2,273
3602	ADMINISTRATIVE METHODS AND PRACTICES - ZONE II	-	6,685	8,735	10,813
3607	MANAGEMENT OF HEALTH SERVICES	-	-	5,243	5,243
3700	HEALTH PLANNING	2,096	4,191	3,902	4,071
3715	PAN AMERICAN PROGRAM FOR HEALTH PLANNING	5,020	15,192	12,091	11,389
4100	MATERNAL AND CHILD HEALTH	63	399	436	1,443
4108	CLINICAL AND SOCIAL PEDIATRICS	775	1,335	1,335	1,335
4115	NURSING-MIDWIFERY EDUCATION	609	-	-	-
4116	FACULTY TRAINING IN MATERNAL AND CHILD HEALTH	-	-	2,263	-
4117	STAFFING MATERNAL AND CHILD HEALTH SERVICES	-	286	286	-
4118	STUDY GROUP ON GUIDE FOR NURSING-MIDWIFERY SERVICES	-	-	-	1,266
4119	MATERNAL AND CHILD HEALTH FELLOWSHIPS	-	1,656	708	885
4122	DEVELOPMENT OF RHEUMATIC FEVER PROGRAMS	-	-	-	612
4200	NUTRITION ADVISORY SERVICES	255	388	590	601
4203	INSTITUTE OF NUTRITION OF CENTRAL AMERICA AND PANAMA	8,695	7,108	6,973	7,352
4211	RESEARCH IN PROTEIN-CALORIE MALNUTRITION	-	-	269	269
4221	SEMINAR ON NUTRITION IN FOOD AND HEALTH POLICIES	143	-	199	199
4223	NUTRITION EDUCATION MATERIAL	779	-	-	-
4228	CONFERENCE ON ENDEMIC GOITER CONTROL	256	-	-	-
4233	NUTRITION TEACHING IN MEDICAL SCHOOLS	-	-	572	572
4238	NUTRITION RESEARCH	-	360	360	360
4311	STUDY GROUP ON ADM. OF PSYCHIATRIC & MENTAL HEALTH SERVICES	2,239	-	-	-
4314	EPIDEMIOLOGICAL STUDY ON EPILEPSY	-	-	2,380	2,380
4315	STUDY GROUP ON TRAINING PSYCHIATRISTS	-	-	-	614
4400	DENTAL HEALTH	628	549	549	925
4409	FLUORIDATION	3,740	3,551	3,281	3,178
4500	HEALTH ASPECTS OF RADIATION	-	-	-	845
4507	RADIATION HEALTH PROTECTION	1,381	1,301	1,331	1,361
4514	NUCLEAR MEDICINE	-	-	-	1,950
4700	FOOD AND DRUG CONTROL	2,492	2,649	2,878	2,846
4708	FOOD HYGIENE TRAINING CENTER	-	-	1,274	1,834
4711	FOOD AND DRUG CONTROL SEMINAR	-	1,483	-	-
4800	MEDICAL CARE SERVICES	1,012	835	1,161	1,182
4802	MEDICAL CARE SERVICES -- ZONE II	-	2,160	-	2,160
4810	CHRONIC DISEASES	1,006	1,239	1,293	1,346
4813	HOSPITAL PLANNING AND ADMINISTRATION	2,319	268	2,371	2,412
4815	TRAINING FOR MEDICAL CARE AND HOSPITAL ADMINISTRATION	161	199	1,097	1,281
4819	SEMINAR ON CANCER REGISTRATION	637	-	-	-
4900	HEALTH AND POPULATION DYNAMICS	2,190	4,898	4,510	3,453

## MEXICO - PORTIONS OF INTERCOUNTRY PROJECTS . . . CONTINUED

5000	REHABILITATION	740	1,673	2,402	2,368
5007	TEACHING OF PHYSIOTHERAPY	2,117	-	-	-
5008	SEMINAR ON REHABILITATION	-	1,245	-	-
6000	MEDICAL EDUCATION- TEXTBOOKS AND TEACHING MATERIALS	33,484	15,797	15,798	18,959
6100	SCHOOLS OF PUBLIC HEALTH	3,083	5,093	4,496	5,159
6107	SEMINARS ON SCHOOLS OF PUBLIC HEALTH	958	-	1,953	-
6200	MEDICAL EDUCATION	2,703	2,429	2,345	2,418
6202	MEDICAL EDUCATION -- ZONE II	-	2,160	2,880	2,880
6210	TEACHING METHODS AND ADMIN ORGANIZATION OF MED SCHS	2,246	4,383	4,893	5,110
6214	FACULTY TRAINING FOR MEDICAL SCHOOLS	-	1,770	-	-
6216	PREVENTIVE MEDICINE EDUCATION	2,874	2,124	1,717	1,789
6221	LIBRARY OF MEDICINE	-	-	7,228	9,505
6222	SEMINAR ON TEACHING PREVENTIVE AND SOCIAL MEDICINE	-	959	-	-
6223	TEACHING OF BEHAVIORAL SCIENCES	341	528	7,528	7,528
6224	FACULTY AND RESEARCH TRAINING CENTERS	-	1,152	911	911
6225	SURVEY OF FELLOWSHIP PROGRAMS	-	-	259	-
6226	COMMUNITY-CENTERED RESEARCH IN MEDICAL EDUCATION	-	-	-	1,037
6300	NURSING EDUCATION	724	294	294	462
6319	TRAINING OF NURSING AUXILIARIES	-	1,431	1,696	2,141
6400	SANITARY ENGINEERING EDUCATION	1,930	1,672	1,688	1,753
6412	MANAGEMENT AND ADMINISTRATION OF SCHOOLS OF ENGINEERING	-	-	-	1,369
6500	VETERINARY MEDICINE EDUCATION	-	794	794	856
6600	DENTAL EDUCATION	715	322	636	653
6608	TRAINING OF AUXILIARY DENTAL PERSONNEL	165	297	297	566
6609	LATIN AMERICAN ASSOCIATION OF DENTAL SCHOOLS	1,290	1,290	1,290	1,290
6700	BIOSTATISTICS EDUCATION	300	1,020	1,020	1,020
6707	LATIN AMERICAN CENTER FOR THE CLASSIFICATION OF DISEASES	879	1,011	1,186	1,214
6708	TRAINING PROGRAM IN HOSPITAL STATISTICS	5,909	9,190	10,115	10,624
6709	RESEARCH TRAINING PROGRAMS IN HEALTH AND POPULATION	1,454	-	-	-

## MEXICO

## SUMMARY OF INVESTMENTS BY SOURCE OF FUNDS

SOURCE OF FUNDS	*-----COUNTRY PROJECTS-----*				*-----PORTIONS OF INTER-COUNTRY PROJECTS-----*			
	1969	1970	1971	1972	1969	1970	1971	1972
TOTAL FUNDS	483,836	670,668	988,192	719,666	458,120	478,906	499,193	539,744
PR PAHO REGULAR	136,951	188,621	189,241	315,766	165,805	183,323	194,259	228,965
PM PAHO SPECIAL MALARIA	112,677	105,197	106,451	-	1,480	-	-	-
PG PAHO GRANTS & OTHER CONTRIB.	-	-	-	-	197,565	195,537	170,372	164,833
WR WHO REGULAR	199,509	165,600	165,600	171,000	67,786	83,973	108,576	120,575
WT WHO TECHNICAL ASSISTANCE	34,599	76,400	76,400	52,400	786	2,164	15,168	15,168
WS UNITED NATIONS SPECIAL FUND	-	134,850	450,500	180,500	4,587	13,774	10,693	10,066
WD WHO GRANTS & OTHER FUNDS	-	-	-	-	111	115	125	137

SOURCE OF FUNDS	*-----TOTAL ALL PROJECTS-----*			
	1969	1970	1971	1972
TOTAL FUNDS	941,956	1,149,574	1,487,385	1,259,410
PR PAHO REGULAR	322,756	371,944	383,500	544,731
PM PAHO SPECIAL MALARIA	114,157	105,197	106,451	-
PG PAHO GRANTS & OTHER CONTRIB.	197,565	195,537	170,372	164,833
WR WHO REGULAR	267,395	249,573	274,176	291,575
WT WHO TECHNICAL ASSISTANCE	35,385	78,564	91,568	67,568
WS UNITED NATIONS SPECIAL FUND	4,587	148,544	461,193	190,566
WD WHO GRANTS & OTHER FUNDS	111	115	125	137



PART III - FIELD AND OTHER PROGRAMS

ZONE III

PROGRAM BUDGET

1969		1970			1971		1972	
AMOUNT	PERCENT	AMOUNT	PERCENT		AMOUNT	PERCENT	AMOUNT	PERCENT
\$		\$			\$		\$	
1,438,772	33.3	1,483,574	32.4	I. PROTECTION OF HEALTH	1,550,864	33.4	1,597,520	33.3
1,017,201	23.5	1,049,348	22.9	A. COMMUNICABLE DISEASES	1,080,270	23.3	1,062,380	22.1
31,106	.7	31,799	.7	0100 GENERAL	33,161	.7	42,946	.9
884,571	20.5	890,796	19.5	0200 MALARIA	909,718	19.6	871,267	18.2
30,442	.7	38,689	.8	0400 TUBERCULOSIS	57,879	1.3	50,255	1.0
4,076	.1	5,868	.1	0500 LEPROSY	6,590	.1	8,918	.2
468	*	1,938	*	0600 VENEREAL DISEASES	684	*	2,052	*
62,451	1.4	76,973	1.7	0700 ZOOSES	68,795	1.5	81,353	1.7
4,087	.1	3,285	.1	1000 PARASITIC DISEASES	3,443	.1	5,589	.1
421,571	9.8	434,226	9.5	B. ENVIRONMENTAL HEALTH	470,594	10.1	535,140	11.2
116,477	2.7	131,536	2.9	2100 GENERAL	159,716	3.4	180,353	3.8
239,986	5.6	261,275	5.7	2200 WATER SUPPLIES	268,922	5.8	292,621	6.1
60,353	1.4	34,004	.7	2300 AEEDES AEGYPTI ERADICATION	34,293	.7	54,250	1.1
4,755	.1	7,411	.2	2400 HOUSING	7,663	.2	7,916	.2
2,735,027	63.3	2,793,625	61.1	II. PROMOTION OF HEALTH	2,720,624	58.4	2,789,743	58.1
839,890	19.5	981,805	21.5	A. GENERAL SERVICES	817,093	17.5	848,134	17.7
518,584	12.0	533,645	11.7	3100 GENERAL PUBLIC HEALTH	352,077	7.6	405,353	8.4
77,111	1.8	130,379	2.9	3200 NURSING	143,759	3.1	125,399	2.6
54,926	1.3	79,839	1.7	3300 LABORATORY	80,499	1.7	84,021	1.8
16,773	.4	9,549	.2	3400 HEALTH EDUCATION	11,098	.2	10,917	.2
60,362	1.4	75,597	1.7	3500 STATISTICS	48,819	1.0	42,533	.9
36,289	.8	32,833	.7	3600 ADMINISTRATIVE METHODS	79,467	1.6	75,502	1.6
75,845	1.8	119,943	2.6	3700 HEALTH PLANNING	105,374	2.3	104,409	2.2
1,895,137	43.8	1,811,820	39.6	B. SPECIFIC PROGRAMS	1,903,531	40.9	1,941,609	40.4
43,065	1.0	67,456	1.5	4100 MATERNAL AND CHILD HEALTH	86,842	1.9	92,225	1.9
1,556,797	36.0	1,333,196	29.2	4200 NUTRITION	1,350,630	29.0	1,401,920	29.2
5,603	.1	6,840	.1	4300 MENTAL HEALTH	26,493	.6	14,409	.3
24,886	.6	23,438	.5	4400 DENTAL HEALTH	27,226	.6	25,845	.5
10,890	.2	15,061	.3	4500 RADIATION AND ISOTOPES	15,275	.3	15,679	.3
11,311	.3	14,664	.3	4600 OCCUPATIONAL HEALTH	16,561	.4	17,012	.4
45,137	1.0	70,225	1.5	4700 FOOD AND DRUG	76,727	1.6	83,901	1.7
135,180	3.1	158,864	3.5	4800 MEDICAL CARE	191,912	4.1	201,191	4.2
54,762	1.3	102,879	2.3	4900 HEALTH AND POPULATION DYNAMICS	94,762	2.0	72,569	1.5
7,306	.2	19,197	.4	5000 REHABILITATION	17,103	.4	16,858	.4
149,955	3.4	294,897	6.5	III. DEVELOPMENT OF EDUCATIONAL INSTITUTIONS	380,034	8.2	410,503	8.6
393	*	2,730	.1	6100 PUBLIC HEALTH	3,980	.1	2,479	.1
57,742	1.3	94,667	2.1	6200 MEDICINE	165,704	3.6	184,486	3.8
31,863	.7	39,676	.9	6300 NURSING	59,400	1.3	64,909	1.4
22,727	.5	88,995	1.9	6400 ENVIRONMENTAL SCIENCES	85,590	1.8	90,714	1.9
11,708	.3	7,303	.1	6500 VETERINARY MEDICINE	7,303	.2	5,534	.1
7,836	.2	30,605	.7	6600 DENTISTRY	28,879	.6	32,397	.7
17,686	.4	30,921	.7	6700 BIOSTATISTICS	29,178	.6	29,984	.6
4,323,754	100.0	4,572,096	100.0	GRAND TOTAL	4,651,522	100.0	4,797,766	100.0

\* LESS THAN .05 PERCENT

## PART III - FIELD AND OTHER PROGRAMS

## ZONE III

## SUMMARY OF INVESTMENT

SOURCE OF FUNDS	TOTAL AMOUNT	*--PERSONNEL--*		*--TRAVEL AMOUNT	*--FELLOWSHIPS--*		*--SEMINARS--*		*SUPPLIES* AND EQUIPMENT	*--GRANTS* AND OTHER	
		POSTS PROF.	LOCAL MONTH		ACAD.	SHORT	PART.	AMOUNT			
	\$			\$	\$			\$	\$	\$	
1969											
PAHO---PR	1,377,429	10	31	936,676	85,169	5	14	67,162	41,870	69,599	176,953
PM	410,667	9	-	265,001	20,873	-	-	-	-	123,673	1,120
PW	4,165	-	1	1,536	-	-	-	-	-	2,629	-
PG	890,533	1	-	429,257	31,471	-	-	45,028	17,284	87,224	280,269
PI	420,952	-	-	158,968	4,576	-	-	2,883	-	70,145	184,380
WHO---WR	887,177	17	16	414,525	42,408	58	51	282,299	12,327	118,012	17,606
WA	155,922	7	-	146,393	8,719	1	-	810	-	-	-
WT	156,250	7	4	144,310	6,927	-	2	3,213	-	-	1,800
WS	19,980	-	-	14,881	1,177	-	-	-	-	2,665	1,157
WD	779	-	-	779	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>4,323,754</b>	<b>51</b>	<b>52</b>	<b>2,512,326</b>	<b>201,326</b>	<b>64</b>	<b>67</b>	<b>401,395</b>	<b>71,481</b>	<b>473,947</b>	<b>663,285</b>
PER CENT OF TOTAL	100.0			58.1	4.7			9.3	1.6	11.0	15.3
1970											
PAHO---PR	1,673,685	12	42	1,151,633	111,737	11	36	131,501	29,044	35,012	214,758
PM	405,163	4	-	187,393	14,000	-	3	4,200	-	126,320	73,250
PW	21,000	-	10	18,000	-	-	-	-	-	3,000	-
PG	995,263	1	6	414,783	29,699	1	-	65,167	21,417	288,983	175,214
PI	394,545	-	-	251,997	12,850	-	-	3,600	-	34,500	91,598
WHO---WR	840,276	19	26	574,081	37,348	20	28	133,837	25,184	41,805	28,021
WA	181,584	6	6	154,956	9,396	2	-	13,904	-	1,528	1,800
WT	59,774	-	-	45,282	1,560	-	-	-	-	10,579	2,353
WS	806	-	-	806	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>4,572,096</b>	<b>42</b>	<b>90</b>	<b>2,798,931</b>	<b>216,590</b>	<b>34</b>	<b>67</b>	<b>352,209</b>	<b>75,645</b>	<b>541,727</b>	<b>586,994</b>
PER CENT OF TOTAL	100.0			61.2	4.8			7.7	1.7	11.8	12.8
1971											
PAHO---PR	1,957,870	14	44	1,353,021	121,955	13	36	139,830	20,701	117,285	204,178
PM	246,154	3	-	136,605	10,000	-	2	2,800	-	27,969	68,780
PW	2,800	-	1	1,800	-	-	-	-	-	1,000	-
PG	717,260	1	4	404,428	27,894	1	-	58,415	647	66,303	159,663
PI	394,545	-	-	261,926	12,850	-	-	3,600	-	30,000	86,169
WHO---WR	966,447	19	33	659,053	41,017	18	36	148,131	46,720	46,160	25,366
WT	319,232	8	6	241,419	14,642	3	-	57,457	-	3,914	1,800
WS	46,339	-	-	38,844	1,560	-	-	-	-	3,309	2,446
WD	975	-	-	875	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>4,651,522</b>	<b>45</b>	<b>88</b>	<b>3,098,871</b>	<b>229,828</b>	<b>35</b>	<b>74</b>	<b>410,233</b>	<b>68,068</b>	<b>295,940</b>	<b>548,582</b>
PER CENT OF TOTAL	100.0			66.6	4.9			8.8	1.5	6.4	11.8
1972											
PAHO---PR	2,098,771	16	44	1,487,834	126,463	15	43	143,652	38,847	66,748	235,227
PM	308,455	1	-	113,455	9,000	-	-	-	-	111,042	74,950
PW	2,800	-	1	1,800	-	-	-	-	-	1,000	-
PG	670,172	1	8	420,260	25,749	1	-	40,538	740	49,035	133,850
PI	394,545	-	-	271,855	12,850	-	-	3,600	-	28,000	80,240
WHO---WR	980,710	15	30	635,623	38,355	26	38	197,434	44,255	43,930	21,109
WT	297,732	7	6	218,919	14,142	3	-	57,457	-	6,414	1,800
WS	43,622	-	-	36,660	1,560	-	-	-	-	2,958	2,446
WD	959	-	-	959	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>4,747,766</b>	<b>40</b>	<b>89</b>	<b>3,187,365</b>	<b>227,123</b>	<b>45</b>	<b>81</b>	<b>442,681</b>	<b>83,842</b>	<b>307,127</b>	<b>549,628</b>
PER CENT OF TOTAL	100.0			66.4	4.7			9.2	1.8	6.4	11.5
PAHO PR-REGULAR BUDGET PM-SPECIAL FUND FOR MALARIA ERADICATION PW-COMMUNITY WATER SUPPLY PG-GRANTS AND OTHER CONTRIBUTIONS PI-INCAP AND OTHER RELATED GRANTS WHO WR-REGULAR BUDGET WA-MALARIA ERADICATION SPECIAL ACCOUNT WT-UNITED NATIONS TECHNICAL ASSISTANCE WS-UNITED NATIONS SPECIAL FUND WD-GRANTS AND OTHER FUNDS											

## BRITISH HONDURAS

## PROGRAM BUDGET

1969		1970			1971		1972	
AMOUNT	PERCENT	AMOUNT	PERCENT		AMOUNT	PERCENT	AMOUNT	PERCENT
\$		\$			\$		\$	
43,176	32.6	43,522	28.3	I. PROTECTION OF HEALTH	73,803	36.6	81,061	38.7
25,326	19.2	26,952	17.5	A. COMMUNICABLE DISEASES	29,222	14.4	32,374	15.5
1,556	1.2	1,520	1.0	0100 GENERAL	1,588	.8	1,657	.8
20,710	15.7	22,320	14.5	0200 MALARIA	23,425	11.6	27,077	12.9
1,309	1.0	1,124	.7	0400 TUBERCULOSIS	2,175	1.1	1,213	.6
165	.1	235	.2	0500 LEPROSY	264	.1	303	.1
26	*	102	.1	0600 VENEREAL DISEASES	36	*	108	.1
1,331	1.0	1,421	.9	0700 ZOONUSES	1,463	.7	1,476	.7
229	.2	230	.1	1000 PARASITIC DISEASES	270	.1	540	.3
17,850	13.4	16,570	10.8	B. ENVIRONMENTAL HEALTH	44,581	22.2	48,687	23.2
4,776	3.6	5,102	3.3	2100 GENERAL	20,011	9.9	23,775	11.1
13,010	9.8	10,589	6.9	2200 WATER SUPPLIES	23,662	11.8	24,475	11.7
64	*	879	.6	2400 HOUSING	908	.5	937	.4
85,889	65.1	105,222	68.1	II. PROMOTION OF HEALTH	117,709	58.4	119,907	57.2
60,128	45.5	77,812	50.3	A. GENERAL SERVICES	85,205	42.3	84,981	40.5
44,030	33.3	55,128	35.7	3100 GENERAL PUBLIC HEALTH	55,327	27.5	56,667	27.1
1,058	.8	3,113	2.0	3200 NURSING	6,316	3.1	3,555	1.7
2,263	1.7	4,628	3.0	3300 LABORATORY	3,142	1.6	3,292	1.6
1,288	1.0	1,370	.9	3400 HEALTH EDUCATION	1,588	.8	1,562	.7
2,863	2.2	3,298	2.1	3500 STATISTICS	3,541	1.8	3,623	1.7
4,097	3.1	3,731	2.4	3600 ADMINISTRATIVE METHODS	8,948	4.4	9,678	4.6
4,529	3.4	6,544	4.2	3700 HEALTH PLANNING	6,343	3.1	6,604	3.1
25,761	19.6	27,410	17.8	B. SPECIFIC PROGRAMS	32,504	16.1	34,926	16.7
2,511	1.9	2,538	1.6	4100 MATERNAL AND CHILD HEALTH	2,826	1.4	4,378	2.1
9,144	6.9	7,541	4.9	4200 NUTRITION	7,806	3.9	8,200	3.9
1,426	1.1	1,340	.9	4500 RADIATION AND ISOTOPES	1,371	.7	2,248	1.1
1,320	1.0	1,640	1.1	4600 OCCUPATIONAL HEALTH	1,911	.9	1,975	.9
2,359	1.8	2,973	1.9	4700 FOOD AND DRUG	3,179	1.6	3,293	1.6
6,062	4.6	4,798	3.1	4800 MEDICAL CARE	8,420	4.2	8,933	4.3
2,195	1.7	4,901	3.2	4900 HEALTH AND POPULATION DYNAMICS	4,516	2.2	3,459	1.6
744	.6	1,679	1.1	5000 REHABILITATION	2,475	1.2	2,440	1.2
3,093	2.3	5,543	3.6	III. DEVELOPMENT OF EDUCATIONAL INSTITUTIONS	9,927	5.0	8,514	4.1
393	.3	2,730	1.8	6100 PUBLIC HEALTH	3,980	2.0	2,479	1.2
891	.7	-	-	6300 NURSING	2,770	1.4	2,693	1.3
600	.4	1,025	.7	6400 ENVIRONMENTAL SCIENCES	1,193	.6	1,264	.6
1,209	.9	1,788	1.1	6700 BIOSTATISTICS	1,984	1.0	2,078	1.0
132,158	100.0	154,287	100.0	GRAND TOTAL	201,439	100.0	209,482	100.0

\* LESS THAN .05 PERCENT

## BRITISH HONDURAS

## SUMMARY OF INVESTMENT

SOURCE OF FUNDS	TOTAL AMOUNT	*-----PERSONNEL-----*		*DUTY*	*-----FELLOWSHIPS-----*		*-----SEMINARS-----*		*SUPPLIES*	*GRANTS*	
		POSTS PROF.	STC LOCAL	TRAVEL AMOUNT	ACAD.	SHORT	PART.	AMOUNT	AND EQUIPMENT	AND OTHER	
	\$			\$			\$	\$	\$	\$	
1969											
PAHO---PR	68,260	1	-	55,377	6,001	-	472	-	3,675	905	1,830
PM	1,103	-	-	1,028	19	-	-	-	-	56	-
PG	8,276	-	-	3,872	360	-	582	-	694	837	1,931
WHO---WR	54,407	1	-	29,335	1,712	5	18,034	-	500	4,011	815
WO	112	-	-	112	-	-	-	-	-	-	-
TOTAL	132,158	2	-	89,724	8,092	5	19,088	-	4,869	5,809	4,576
PER CENT OF TOTAL	100.0			67.9	6.1		14.5		3.7	4.4	3.4
1970											
PAHO---PR	94,115	1	-	62,684	6,824	2	16,127	-	170	3,133	5,177
PG	12,706	-	-	6,268	583	-	1,379	-	2,581	460	1,435
WHO---WR	47,350	1	-	38,678	3,398	-	605	-	206	520	3,943
WO	116	-	-	116	-	-	-	-	-	-	-
TOTAL	154,287	2	-	107,746	10,805	2	18,111	-	2,957	4,113	10,555
PER CENT OF TOTAL	100.0			69.9	7.0		11.7		1.9	2.7	6.8
1971											
PAHO---PR	101,723	1	-	70,278	7,094	2	15,889	-	1,104	3,688	3,670
PG	11,017	-	-	7,241	571	-	1,379	-	181	429	1,216
WHO---WR	58,881	1	-	44,836	3,412	-	151	-	5,966	593	3,923
WT	29,693	1	-	25,723	1,704	-	1,666	-	-	600	-
WO	125	-	-	125	-	-	-	-	-	-	-
TOTAL	201,439	3	-	148,203	12,781	2	19,085	-	7,251	5,310	8,809
PER CENT OF TOTAL	100.0			73.6	6.3		9.5		3.6	2.6	4.4
1972											
PAHO---PR	113,735	1	-	79,030	7,277	2	15,882	-	1,326	4,241	5,979
PG	8,207	-	-	5,864	565	-	519	-	41	282	936
WHO---WR	55,210	1	-	44,207	3,412	-	718	-	1,969	865	4,039
WT	32,193	1	-	25,723	1,704	-	1,666	-	-	3,100	-
WO	137	-	-	137	-	-	-	-	-	-	-
TOTAL	209,482	3	-	154,961	12,958	2	18,785	-	3,336	8,488	10,954
PER CENT OF TOTAL	100.0			74.0	6.2		9.0		1.6	4.0	5.2

PAHO PR-REGULAR BUDGET  
 PM-SPECIAL FUND FOR MALARIA ERADICATION  
 PW-COMMUNITY WATER SUPPLY  
 PG-GRANTS AND OTHER CONTRIBUTIONS  
 PI-INCAP AND OTHER RELATED GRANTS

WHO WR-REGULAR BUDGET  
 WA-MALARIA ERADICATION SPECIAL ACCOUNT  
 WT-UNITED NATIONS TECHNICAL ASSISTANCE  
 WS-UNITED NATIONS SPECIAL FUND  
 WO-GRANTS AND OTHER FUNDS





BRITISH HONDURAS  
PORTIONS OF INTERCOUNTRY PROJECTS

	1969	1970	1971	1972
	\$	\$	\$	\$
<b>TOTAL AMRO PROJECTS</b>	<b>75,224</b>	<b>87,249</b>	<b>107,946</b>	<b>112,116</b>
0103 EPIDEMIOLOGY -- ZONE III	1,556	1,520	1,588	1,657
0200 MALARIA TECHNICAL ADVISORY SERVICES	2,597	2,256	2,394	2,581
0218 PROMOTION OF RURAL HLTH SERV AND ERADICATION CAMPAIGNS	3,181	2,436	2,760	5,582
0403 TUBERCULOSIS CONTROL -- ZONE III	1,309	1,124	1,168	1,213
0408 SEMINAR ON TUBERCULOSIS CONTROL	-	-	1,008	-
0500 LEPROSY CONTROL	165	235	264	303
0600 VENEREAL DISEASE CONTROL	26	102	36	108
0703 VETERINARY PUBLIC HEALTH -- ZONE III	1,331	1,421	1,463	1,476
1008 CHAGAS' DISEASE	229	230	270	540
2100 ENVIRONMENTAL SANITATION	138	352	352	602
2103 SANITARY ENGINEERING -- ZONE III	2,549	1,327	1,655	1,765
2114 PAN AMERICAN SANITARY ENGINEERING CENTER	4,785	8,258	10,454	11,171
2200 WATER SUPPLIES	1,522	702	1,098	1,168
2203 WATER SUPPLIES -- ZONE III	9,829	8,075	8,851	9,275
2215 APPLIED RESEARCH ON WATER SUPPLIES	347	-	150	300
3110 COORDINATION OF INTERNATIONAL RESEARCH	2,028	1,253	1,371	1,981
3130 CONFERENCE ON MYCOLOGY	-	1,131	-	-
3131 CARIBBEAN HEALTH MINISTERS' CONFERENCE	-	3,334	3,334	3,334
3200 NURSING SERVICES	249	866	920	1,208
3203 NURSING -- ZONE III	2,263	2,572	2,691	2,811
3210 HOSPITAL NURSING SERVICES	26	956	1,172	1,239
3211 SEMINAR ON PLANNING FOR NURSING	-	-	1,072	-
3213 SEMINAR ON ADMINISTRATION OF NURSING SERVICES	-	-	1,917	-
3303 LABORATORY SERVICES -- ZONE III	2,263	2,447	2,537	2,625
3310 CONFERENCE ON VIRAL AND RICKETTSIAL VACCINES	-	1,406	-	-
3311 TRAINING LABORATORY PERSONNEL	-	775	605	667
3400 HEALTH EDUCATION	58	248	372	372
3407 COMMUNITY DEVELOPMENT TRAINING CENTER	1,230	1,122	1,216	1,190
3500 HEALTH STATISTICS	14	-	352	308
3503 HEALTH STATISTICS -- ZONE III	2,849	3,298	3,189	3,315
3600 ADMINISTRATIVE METHODS AND PRACTICES IN PUBLIC HEALTH	1,596	1,534	1,568	2,210
3603 ADMINISTRATIVE METHODS AND PRACTICES - ZONE III	2,501	2,197	2,287	2,375
3607 MANAGEMENT OF HEALTH SERVICES	-	-	5,093	5,093
3700 HEALTH PLANNING	2,098	4,197	3,906	4,079
3703 HEALTH PLANNING - ZONE III	2,431	2,347	2,437	2,525
4100 MATERNAL AND CHILD HEALTH	64	400	437	1,448
4103 MATERNAL AND CHILD HEALTH -- ZONE III	1,411	1,772	1,973	2,443
4115 NURSING-MIDWIFERY EDUCATION	613	-	-	-
4200 NUTRITION ADVISORY SERVICES	259	389	591	603
4203 INSTITUTE OF NUTRITION OF CENTRAL AMERICA AND PANAMA	8,740	7,152	7,014	7,396
4221 SEMINAR ON NUTRITION IN FOOD AND HEALTH POLICIES	145	-	201	201
4500 HEALTH ASPECTS OF RADIATION	-	-	-	846
4507 RADIATION HEALTH PROTECTION	1,426	1,340	1,371	1,402
4700 FOOD AND DRUG CONTROL	677	718	744	771
4703 FOOD REFERENCE LABORATORY - ZONE III	1,377	1,895	2,075	2,162
4710 FOOD AND DRUG ADMINISTRATION -- ZONE III	305	360	360	360
4800 MEDICAL CARE SERVICES	1,543	861	1,197	1,219
4803 MEDICAL CARE SERVICES -- ZONE III	2,498	2,547	2,637	2,725
4813 HOSPITAL PLANNING AND ADMINISTRATION	153	276	2,443	2,485
4815 TRAINING FOR MEDICAL CARE AND HOSPITAL ADMINISTRATION	168	199	1,103	1,288
4819 SEMINAR ON CANCER REGISTRATION	643	-	-	-
4900 HEALTH AND POPULATION DYNAMICS	2,195	4,901	4,516	3,459
5000 REHABILITATION	744	1,679	2,475	2,440
6101 HEALTH MANPOWER STUDIES (ZONE I)	393	2,730	3,980	2,479
6312 SEMINARS ON NURSING EDUCATION (ZONE I)	891	-	801	724
6317 SEMINAR ON NURSING EDUCATION	-	-	1,969	1,969
6400 SANITARY ENGINEERING EDUCATION	600	521	525	545
6707 LATIN AMERICAN CENTER FOR THE CLASSIFICATION OF DISEASES	223	253	297	304
6708 TRAINING PROGRAM IN HOSPITAL STATISTICS	986	1,535	1,687	1,774

BRITISH HONDURAS  
SUMMARY OF INVESTMENTS BY SOURCE OF FUNDS

SOURCE OF FUNDS	*-----COUNTRY PROJECTS-----*				*-----PORTIONS OF INTER-COUNTRY PROJECTS-----*			
	1969	1970	1971	1972	1969	1970	1971	1972
TOTAL FUNDS	56,934	67,038	93,493	97,366	75,224	87,249	107,946	112,116
PR PAHO REGULAR	14,932	37,428	37,071	39,914	53,328	56,687	64,652	73,821
PM PAHO SPECIAL MALARIA	-	-	-	-	1,103	-	-	-
PG PAHO GRANTS & OTHER CONTRIB.	-	-	-	-	8,276	12,706	11,017	8,207
WR WHO REGULAR	42,002	29,610	31,822	30,352	12,405	17,740	27,059	24,858
WT WHO TECHNICAL ASSISTANCE	-	-	24,600	27,100	-	-	5,093	5,093
WC WHO GRANTS & OTHER FUNDS	-	-	-	-	112	116	125	137

SOURCE OF FUNDS	*-----TOTAL ALL PROJECTS-----*			
	1969	1970	1971	1972
TOTAL FUNDS	132,158	154,287	201,439	209,482
PR PAHO REGULAR	68,260	94,115	101,723	113,735
PM PAHO SPECIAL MALARIA	1,103	-	-	-
PG PAHO GRANTS & OTHER CONTRIB.	8,276	12,706	11,017	8,207
WR WHO REGULAR	54,407	47,350	58,881	55,210
WT WHO TECHNICAL ASSISTANCE	-	-	29,693	32,193
WC WHO GRANTS & OTHER FUNDS	112	116	125	137



## COSTA RICA

## PROGRAM BUDGET

1 9 6 9		1 9 7 0			1 9 7 1		1 9 7 2	
AMOUNT	PERCENT	AMOUNT	PERCENT		AMOUNT	PERCENT	AMOUNT	PERCENT
\$		\$			\$		\$	
174,295	28.2	205,383	31.8	I. PROTECTION OF HEALTH	201,909	29.7	213,001	30.3
123,424	20.0	130,353	20.1	A. COMMUNICABLE DISEASES	139,323	20.5	137,000	19.5
4,666	.8	4,560	.7	0100 GENERAL	4,765	.7	6,372	.9
104,638	16.9	108,739	16.8	0200 MALARIA	116,695	17.2	110,812	15.7
4,717	.8	6,297	1.0	0400 TUBERCULOSIS	8,086	1.2	7,202	1.0
652	.1	939	.2	0500 LEPROSY	1,055	.2	1,210	.2
74	*	306	*	0600 VENEREAL DISEASES	108	*	324	.1
7,609	1.2	9,282	1.4	0700 ZOOSES	8,344	1.2	10,540	1.5
1,068	.2	230	*	1000 PARASITIC DISEASES	270	*	540	.1
50,871	8.2	75,030	11.7	B. ENVIRONMENTAL HEALTH	62,586	9.2	76,001	10.8
16,225	2.6	17,835	2.8	2100 GENERAL	22,603	3.3	31,829	4.5
33,863	5.5	56,106	8.7	2200 WATER SUPPLIES	38,856	5.7	43,008	6.1
783	.1	1,089	.2	2400 HOUSING	1,127	.2	1,164	.2
428,159	69.3	409,179	63.1	II. PROMOTION OF HEALTH	433,304	64.0	443,653	62.9
119,268	19.4	107,403	16.5	A. GENERAL SERVICES	111,041	16.5	120,567	17.0
89,621	14.5	57,171	8.8	3100 GENERAL PUBLIC HEALTH	57,979	8.6	62,977	8.9
3,646	.6	11,987	1.8	3200 NURSING	15,220	2.3	17,019	2.4
4,537	.7	6,835	1.1	3300 LABORATORY	5,411	.8	7,406	1.1
2,345	.4	1,369	.2	3400 HEALTH EDUCATION	1,588	.2	1,562	.2
4,681	.8	7,365	1.1	3500 STATISTICS	5,134	.8	5,281	.7
5,344	.9	4,830	.7	3600 ADMINISTRATIVE METHODS	10,090	1.5	10,866	1.5
9,094	1.5	17,846	2.8	3700 HEALTH PLANNING	15,619	2.3	15,456	2.2
308,891	49.9	301,776	46.6	B. SPECIFIC PROGRAMS	322,263	47.5	323,086	45.9
4,732	.8	9,856	1.5	4100 MATERNAL AND CHILD HEALTH	13,818	2.0	14,027	2.0
267,588	43.2	235,562	36.3	4200 NUTRITION	235,513	34.7	245,011	34.8
1,163	.2	2,250	.3	4300 MENTAL HEALTH	4,606	.7	1,503	.2
4,300	.7	4,035	.6	4400 DENTAL HEALTH	3,772	.6	4,045	.6
1,949	.3	4,240	.7	4500 RADIATION AND ISOTOPES	4,271	.6	2,272	.3
1,319	.2	1,639	.3	4600 OCCUPATIONAL HEALTH	1,910	.3	1,975	.3
6,873	1.1	9,828	1.5	4700 FOOD AND DRUG	11,091	1.6	12,026	1.7
12,189	2.0	16,746	2.6	4800 MEDICAL CARE	31,268	4.6	29,421	4.2
8,035	1.3	14,698	2.3	4900 HEALTH AND POPULATION DYNAMICS	13,539	2.0	10,368	1.5
743	.1	2,922	.5	5000 REHABILITATION	2,475	.4	2,438	.3
16,440	2.5	33,576	5.1	III. DEVELOPMENT OF EDUCATIONAL INSTITUTIONS	42,777	6.3	48,340	6.8
6,290	1.0	7,955	1.2	6200 MEDICINE	19,246	2.8	22,494	3.2
724	.1	9,300	1.4	6300 NURSING	10,328	1.5	12,132	1.7
2,780	.4	4,262	.7	6400 ENVIRONMENTAL SCIENCES	4,431	.7	4,505	.6
987	.1	729	.1	6600 DENTISTRY	1,036	.2	1,318	.2
5,659	.9	11,330	1.7	6700 BIOSTATISTICS	7,736	1.1	7,891	1.1
618,894	100.0	648,138	100.0	GRAND TOTAL	677,990	100.0	704,994	100.0

\* LESS THAN .05 PERCENT

## COSTA RICA

## SUMMARY OF INVESTMENT

SOURCE OF FUNDS	TOTAL AMOUNT	*-----PERSONNEL-----*			*---DUTY---*	*---FELLOWSHIPS---*		*---SEMINARS---*		*SUPPLIES*	*-GRANTS-*	
		POSTS PROF.	LOCAL	STC MONTH	TRAVEL AMOUNT	ACAD.	SHORT	PART.	AMOUNT	AND EQUIPMENT	AND OTHER	
	\$				\$				\$	\$	\$	
<b>1969</b>												
PAHO---PR	214,842	3	-	1	149,888	12,093	1	5	10,473	7,020	7,578	27,790
PM	62,924	1	-	-	42,603	2,125	-	-	-	-	18,106	90
PG	137,021	-	-	-	65,616	4,973	-	-	7,266	2,233	14,679	42,254
PI	70,178	-	-	-	26,500	764	-	-	482	-	11,694	30,738
WHO---WR	128,512	3	-	-	55,630	6,554	17	15	59,578	1,965	2,985	1,800
WT	2,245	-	-	-	1,760	185	-	-	-	-	-	300
WS	3,060	-	-	-	2,291	181	-	-	-	-	410	178
WO	112	-	-	-	112	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>618,894</b>	<b>7</b>	<b>-</b>	<b>1</b>	<b>344,400</b>	<b>26,875</b>	<b>13</b>	<b>20</b>	<b>77,799</b>	<b>11,218</b>	<b>55,452</b>	<b>103,150</b>
<b>PER CENT OF TOTAL</b>	<b>100.0</b>				<b>55.7</b>	<b>4.3</b>			<b>12.6</b>	<b>1.8</b>	<b>8.9</b>	<b>16.7</b>
<b>1970</b>												
PAHO---PR	277,798	3	-	5	195,338	14,689	3	3	22,662	4,570	3,456	37,083
PM	52,802	-	-	-	21,962	1,840	-	-	-	-	16,360	12,649
PW	17,400	-	-	8	14,400	-	-	-	-	-	3,000	-
PG	109,565	-	-	-	59,715	4,231	-	-	9,613	2,331	9,539	24,145
PI	65,774	-	-	-	42,009	2,143	-	-	600	-	5,752	15,270
WHO---WR	113,323	3	-	-	71,842	5,596	3	4	23,433	4,249	6,553	1,650
WT	2,164	-	-	-	1,326	66	-	-	384	-	88	300
WS	9,197	-	-	-	6,967	240	-	-	-	-	1,628	362
WO	115	-	-	-	115	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>648,138</b>	<b>6</b>	<b>-</b>	<b>13</b>	<b>413,674</b>	<b>28,805</b>	<b>6</b>	<b>7</b>	<b>56,692</b>	<b>11,150</b>	<b>46,367</b>	<b>91,450</b>
<b>PER CENT OF TOTAL</b>	<b>100.0</b>				<b>63.8</b>	<b>4.5</b>			<b>8.7</b>	<b>1.7</b>	<b>7.2</b>	<b>14.1</b>
<b>1971</b>												
PAHO---PR	317,880	3	-	5	221,429	16,184	2	4	20,258	4,027	20,095	35,887
PM	33,082	-	-	-	17,052	1,200	-	-	-	-	1,074	13,756
PW	2,800	-	-	1	1,800	-	-	-	-	-	1,000	-
PG	101,368	-	-	-	58,717	4,182	-	-	8,424	78	7,430	22,537
PI	65,773	-	-	-	43,664	2,143	-	-	600	-	5,002	14,364
WHO---WR	134,840	3	-	4	90,507	5,973	2	5	22,381	7,269	6,820	1,890
WT	14,993	-	-	-	7,633	402	-	-	6,274	-	384	300
WS	7,129	-	-	-	5,976	240	-	-	-	-	509	404
WO	125	-	-	-	125	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>677,990</b>	<b>6</b>	<b>-</b>	<b>10</b>	<b>446,903</b>	<b>30,324</b>	<b>4</b>	<b>9</b>	<b>57,937</b>	<b>11,374</b>	<b>42,314</b>	<b>89,138</b>
<b>PER CENT OF TOTAL</b>	<b>100.0</b>				<b>65.9</b>	<b>4.5</b>			<b>8.6</b>	<b>1.7</b>	<b>6.2</b>	<b>13.1</b>
<b>1972</b>												
PAHO---PR	342,915	3	-	7	241,200	16,480	6	2	31,866	5,747	6,957	40,665
PM	53,845	-	-	-	18,244	1,200	-	-	-	-	19,409	14,992
PW	2,800	-	-	1	1,800	-	-	-	-	-	1,000	-
PG	94,713	-	-	-	60,223	3,882	-	-	6,128	117	6,203	18,160
PI	65,776	-	-	-	45,320	2,143	-	-	600	-	4,335	13,378
WHO---WR	123,104	2	-	-	72,277	5,803	3	5	29,876	7,804	6,169	1,175
WT	14,993	-	-	-	7,633	402	-	-	6,274	-	384	300
WS	6,711	-	-	-	5,640	240	-	-	-	-	455	376
WO	137	-	-	-	137	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>704,994</b>	<b>5</b>	<b>-</b>	<b>8</b>	<b>492,474</b>	<b>30,150</b>	<b>9</b>	<b>7</b>	<b>74,744</b>	<b>13,668</b>	<b>44,912</b>	<b>89,046</b>
<b>PER CENT OF TOTAL</b>	<b>100.0</b>				<b>64.2</b>	<b>4.3</b>			<b>10.6</b>	<b>1.9</b>	<b>6.4</b>	<b>12.6</b>
<p>PAHO PR-REGULAR BUDGET  PM-SPECIAL FUND FOR MALARIA ERADICATION  PW-COMMUNITY WATER SUPPLY  PG-GRANTS AND OTHER CONTRIBUTIONS  PI-INCAP AND OTHER RELATED GRANTS</p> <p>WHO WR-REGULAR BUDGET  WA-MALARIA ERADICATION SPECIAL ACCOUNT  WT-UNITED NATIONS TECHNICAL ASSISTANCE  WS-UNITED NATIONS SPECIAL FUND  WO-GRANTS AND OTHER FUNDS</p>												

## DETAIL

## COSTA RICA-0200, MALARIA ERADICATION

THE MALARIA ERADICATION PROGRAM IN COSTA RICA BEGAN IN JULY 1957. BETWEEN 1957 AND 1963, THE PROGRAM HAD A NOTICEABLE REDUCTION IN THE NUMBER OF CASES REPORTED, THE POSITIVE INDEXES OF BLOOD SLIDES EXAMINED DECREASED FROM 6.4 PER CENT TO 0.7 PER CENT, AND THE TRANSMISSION WAS INTERRUPTED IN THE COUNTRY WITH THE EXCEPTION OF A SMALL AREA ON THE PACIFIC COAST. FINANCIAL PROBLEMS, HOWEVER, FORCED A PREMATURE REDUCTION OF THE OPERATIONS DURING THE PERIOD 1964-1968, AND THE SITUATION DETERIORATED.

IN OCTOBER 1969, THE OPERATIONS WERE BEGUN AGAIN ON A LARGE SCALE, AND SINCE THAT TIME THE SITUATION HAS EVOLVED FAVORABLY. NOW 433,000 PERSONS LIVE IN THE AREAS IN THE ATTACK PHASE. IN 1967, 4,443 CASES WERE FOUND IN THE 164,109 BLOOD SLIDES EXAMINED; THE NUMBER OF CASES REPORTED DECREASED BY 1,191 CASES IN 1968 AND BY 588 CASES IN 1969. DURING THIS PAST YEAR, 202,362 BLOOD SLIDES WERE EXAMINED.

UNICEF AND AID PARTICIPATE IN THIS PROGRAM.

FUND 1969 1970 1971 1972					FUND 1969 1970 1971 1972					
TOTAL		3	2	2	1	TOTAL	57,180	44,601	44,438	31,181
P-4 MEDICAL OFFICER 4.0411	WR	1	1	1	1	SUBTOTAL	PM 21,823	-	-	-
P-2 SANITARIAN .0414	PM	1	-	-	-	PERSONNEL-POSTS	18,468	-	-	-
P-1 SANITARIAN 4.0412	WR	1	1	1	-	SUPPLIES AND EQUIPMENT	3,355	-	-	-
TOTAL		-	1	1	-	SUBTOTAL	WR 35,357	44,601	44,438	31,181
FELLOWSHIPS-SHORT TERM	WR	-	1	1	-	PERSONNEL-POSTS	30,809	37,201	37,038	25,181
						DUTY TRAVEL	4,482	3,000	3,000	3,000
						SUPPLIES AND EQUIPMENT	66	3,000	3,000	3,000
						FELLOWSHIPS	-	1,400	1,400	-
						EST. GOVERNMENT CONTRIB.		( 765,000)	( 490,600)	( 490,600)

## COSTA RICA-2100, ENVIRONMENTAL SANITATION

THE PURPOSE OF THIS PROJECT IS TO COLLABORATE WITH THE GOVERNMENT IN THE PLANNING AND EXECUTION OF ADEQUATE PROGRAMS TO PROVIDE WATER AND SEWERAGE SERVICES IN URBAN AND RURAL AREAS; IN THE STRENGTHENING OF THE SANITARY ENGINEERING DEPARTMENT AT THE MINISTRY OF HEALTH; IN THE PLANNING AND DEVELOPMENT OF PROGRAMS IN INDUSTRIAL HYGIENE, AIR AND WATER POLLUTION, HOUSING AND URBANIZATION, SOLID WASTE REMOVAL, FOOD SANITATION, AND VECTOR CONTROL; IN THE TRAINING OF PROFESSIONAL AND NON-PROFESSIONAL PERSONNEL ENGAGED IN SUCH ACTIVITIES; AND IN THE DEVELOPMENT OF CONTINUING EDUCATION AND RESEARCH ACTIVITIES IN SANITARY ENGINEERING AT THE UNIVERSITY.

FUND 1969 1970 1971 1972					FUND 1969 1970 1971 1972					
TOTAL		1	1	1	1	TOTAL	PR 16,639	21,473	24,161	29,049
P-4 SANITARY ENGINEER .2029	PR	1	1	1	1	PERSONNEL-POSTS	16,433	20,473	21,361	22,249
TOTAL		-	-	1	1	PERSONNEL-CONSULTANTS	-	-	1,800	1,800
						DUTY TRAVEL	206	1,000	1,000	1,000
						FELLOWSHIPS	-	-	-	4,000
CONSULTANT MONTHS	PR	-	-	1	1	EST. GOVERNMENT CONTRIB.		( 115,000)	( 125,000)	( 125,000)
TOTAL		-	-	-	1					
FELLOWSHIPS-ACADEMIC	PR	-	-	-	1					

## COSTA RICA-2200, WATER SUPPLIES

COSTA RICA HAS SUCCESSFULLY KEPT PACE WITH THE RAPID EXPANSION OF ITS URBAN POPULATION IN PROVIDING IT WITH WATER SERVICES, SO THAT IN 1967 IT WAS ESTIMATED THAT ALMOST ALL OF THE URBAN POPULATION WAS SERVED EITHER BY HOUSE CONNECTIONS OR PUBLIC HYDRANTS. IN THE RURAL AREAS, IT WAS ESTIMATED THAT 48 PER CENT HAD SIMILAR SERVICES.

INTERNATIONAL LOANS OF \$10.4 MILLION MATCHED BY \$2.8 MILLION OF NATIONAL AND OTHER FUNDS HAVE CONTRIBUTED TO THE SUCCESS OF THIS PROGRAM. COSTA RICA PLANS TO INVEST A SIMILAR AMOUNT DURING THE REMAINDER OF THE ALLIANCE FOR PROGRESS DECADE TO SERVE 94 PER CENT OF THE URBAN POPULATION BY HOUSE CONNECTIONS AND 57 PER CENT OF THE RURAL POPULATION BY HOUSE CONNECTIONS OR PUBLIC HYDRANTS.

ONE OF THE FIRST REVOLVING FUNDS WAS ESTABLISHED FOR THE RURAL WATER SUPPLY PROGRAM WITH LOAN FUNDS OBTAINED IN 1965 AND IS PROVIDING VALUABLE EXPERIENCE FOR EXTENDING THE USE OF THE PROCEDURES IN OTHER COUNTRIES.

. . . CONTINUED .

## COSTA RICA-2200, WATER SUPPLIES . . . CONTINUED

FUND 1969 1970 1971 1972					FUND 1969 1970 1971 1972						
					\$ \$ \$ \$						
TOTAL		-	8	1	1	TOTAL	336	18,800	4,200	4,200	
CONSULTANT MONTHS	PW	-	8	1	1	SUBTOTAL	PR	336	1,400	1,400	1,400
TOTAL		1	1	1	1	FELLOWSHIPS		336	1,400	1,400	1,400
FELLOWSHIPS-SHORT TERM	PR	1	1	1	1	SUBTOTAL	PW	-	17,400	2,800	2,800
						PERSONNEL-CONSULTANTS		-	14,400	1,800	1,800
						PUBLICATIONS		-	3,000	1,000	1,000
						EST. GOVERNMENT CONTRIB.			(4,000,000)	(4,000,000)	(4,000,000)

## COSTA RICA-3100, HEALTH SERVICES

THE PURPOSE OF THIS PROJECT IS TO FORMULATE AND CARRY OUT A NATIONAL HEALTH PLAN AS PART OF THE NATIONAL PLAN FOR SOCIAL AND ECONOMIC DEVELOPMENT; TO IMPROVE AND EXTEND HEALTH SERVICES, INCLUDING MEDICAL CARE SERVICES; TO TRAIN THE NECESSARY PERSONNEL; AND TO DEVELOP AN EXTENSIVE RURAL SANITATION PROGRAM.

IT IS EXPECTED THAT THE NATIONAL HEALTH PLAN WILL BE INITIATED IN 1969, COMPLETED IN 1970, AND PLACED IN EXECUTION IN 1971. THE PLAN WILL ENCOMPASS EXTENDED HEALTH SERVICES IN THE PROVINCES OF GUANACASTE, PUNTARENAS, SAN JOSE, HEREDIA, AND ALAJUELA; ESTABLISHMENT OF TECHNICOADMINISTRATIVE SUPERVISION OF DECENTRALIZED REGIONAL HEALTH SERVICES; EQUIPPING OF THREE NEW HOSPITALS WITH A TOTAL OF 882 BEDS IN PUNTARENAS, NICOYA, AND SAN ISIDRO; INCREASING THE NUMBER OF HEALTH CENTERS IN BARBA, SAN JOAQUIN DE FLORES, SAN RAMON, AND BAGACES AND EXTENDING THE SERVICES OF MOBILE HEALTH UNITS; INCREASING THE SANITATION PROGRAMS IN WATER SUPPLY, SEWAGE DISPOSAL, FOOD CONTROL, AND OTHER ASPECTS; IMPROVING MATERNAL AND CHILD HEALTH SERVICES THROUGH PERIODIC EXAMINATION OF 50 TO 60 PER CENT OF THE PREGNANT WOMEN; PROVISION OF INSTITUTIONAL SERVICES FOR 50 TO 60 PER CENT OF THE BIRTHS AND PROFESSIONAL ASSISTANCE FOR 20 TO 25 PER CENT OF THE BIRTHS THAT OCCUR AT HOME; AND PROMOTION OF CHILD HEALTH CONFERENCES AND NUTRITION PROGRAMS. THE COMMUNICABLE DISEASE ACTIVITIES WILL ENCOMPASS DPT VACCINATION OF 70 PER CENT OF CHILDREN UNDER 5 YEARS OF AGE; BCG VACCINATION OF ALL CHILDREN BORN IN INSTITUTIONS AND OF OTHERS ATTENDING THE HEALTH SERVICES WHO ARE TUBERCULIN NEGATIVE; VACCINATION OF 20 PER CENT OF THE POPULATION ANNUALLY AGAINST POLIOMYELITIS AND 22 PER CENT ANNUALLY AGAINST SMALLPOX; AND VACCINATION OF 50 PER CENT OF THE CHILDREN UNDER 5 YEARS OF AGE AGAINST MEASLES. TRAINING ACTIVITIES WILL BE CARRIED OUT TO PROVIDE PERSONNEL FOR THESE SERVICES.

UNICEF COOPERATES IN THIS PROGRAM.

FUND 1969 1970 1971 1972					FUND 1969 1970 1971 1972						
TOTAL		2	2	2	2	TOTAL	52,368	57,293	59,789	72,970	
P-5 PAHO/WHO REPRESENTATIVE	PR	1	1	1	1	SUBTOTAL	PR	35,845	57,293	59,789	72,970
P-3 NURSE	PR	1	1	1	1	PERSONNEL-POSTS		25,663	37,293	42,589	44,970
TOTAL		1	2	1	2	PERSONNEL-CONSULTANTS		794	3,600	1,800	3,600
CONSULTANT MONTHS	PR	1	2	1	2	DUTY TRAVEL		577	1,500	1,500	1,500
TOTAL		17	4	3	5	COURSE COSTS		-	-	-	1,000
FELLOWSHIPS-ACADEMIC	PR	1	2	2	4	SUPPLIES AND EQUIPMENT		1,914	500	500	500
FELLOWSHIPS-ACADEMIC	WR	3	-	-	-	FELLOWSHIPS		3,915	10,800	9,400	17,400
FELLOWSHIPS-SHORT TERM	PR	3	2	1	1	COMMON SERVICES		2,982	3,600	4,000	4,000
FELLOWSHIPS-SHORT TERM	WR	10	-	-	-	SUBTOTAL	WR	16,523	-	-	-
						FELLOWSHIPS		16,523	-	-	-
						EST. GOVERNMENT CONTRIB.			(2,830,000)	(3,122,000)	(3,400,000)

## COSTA RICA-3101, FELLOWSHIPS

FELLOWSHIPS ARE PROVIDED IN ORDER TO TRAIN PERSONNEL FOR THE IMPROVEMENT AND EXPANSION OF HEALTH SERVICES IN THE COUNTRY.

FUND 1969 1970 1971 1972					FUND 1969 1970 1971 1972						
TOTAL		14	3	3	3	TOTAL	WR	35,228	9,400	9,400	9,400
FELLOWSHIPS-ACADEMIC	WR	9	2	2	2	FELLOWSHIPS		35,228	9,400	9,400	9,400
FELLOWSHIPS-SHORT TERM	WR	5	1	1	1	EST. GOVERNMENT CONTRIB.			( 15,000)	( 17,000)	( 18,000)



COSTA RICA-3300, LABORATORY SERVICES

THE PURPOSE OF THIS PROJECT IS TO INCREASE THE CAPACITY OF THE SERVICES OF THE CENTRAL LABORATORY AND 24 LABORATORIES IN LOCAL HEALTH UNITS; TO PROVIDE A BETTER ORGANIZATION OF THE NATIONAL SYSTEM OF LABORATORIES THROUGH THE COORDINATION OF REGIONAL AND LOCAL LABORATORIES, IMPROVED PHYSICAL FACILITIES, AND EQUIPMENT; AND TO REASSIGN PERSONNEL TO MEET REQUIRED NEEDS.

IN 1970 THE LABORATORY GOAL WILL BE TO INCREASE EXAMINATIONS BY 10 PER CENT, TO PROVIDE ADDITIONAL PERSONNEL AND EQUIPMENT, AND TO IMPROVE THE MANUAL OF LABORATORY TECHNIQUES AND PROCEDURES.

UNICEF COOPERATES IN THIS PROJECT.

FUND 1969 1970 1971 1972					FUND 1969 1970 1971 1972					
TOTAL				1	TOTAL	PR	728	500	500	2,300
CONSULTANT MONTHS	PR	-	-	1	PERSONNEL-CONSULTANTS	-	-	-	-	1,800
					SUPPLIES AND EQUIPMENT	728	500	500		500
					EST. GOVERNMENT CONTRIB.		( 120,000)	( 122,500)	( 123,000)	

COSTA RICA-4200, NUTRITION

THE PURPOSE OF THIS PROJECT IS THE IMPROVEMENT OF THE NUTRITIONAL STATUS OF THE POPULATION THROUGH THE STUDY OF THE FACTORS THAT DETERMINE AND CONTRIBUTE TO MALNUTRITION IN THE COUNTRY, EDUCATION CONCERNING THE RELATIONS BETWEEN FOODS AND NUTRITION, AND RECUPERATION OF THE MALNOURISHED. IT IS PLANNED TO DRAW UP AND CARRY OUT A NATIONAL NUTRITION PROGRAM AS PART OF THE NATIONAL HEALTH PLAN AND TO CREATE A UNIT RESPONSIBLE FOR DETERMINING NATIONAL FOOD AND NUTRITION POLICIES. THIS PROJECT WILL BE DEVELOPED UNDER THE TECHNICAL SUPERVISION OF INCAP AND WILL UTILIZE FULLY ITS PERSONNEL AND MATERIAL RESOURCES.

UNICEF, FAO, AID, AND CARE COOPERATE IN THIS PROJECT.

FUND 1969 1970 1971 1972					FUND 1969 1970 1971 1972						
TOTAL		1	1	1	1	TOTAL	WR	11,525	17,509	19,107	20,335
P-3 NUTRITIONIST 4.3157	WR	1	1	1	1	PERSONNEL-POSTS	11,517	15,609	17,207	17,035	
						DUTY TRAVEL	13	500	500	500	
						FELLOWSHIPS	-	1,400	1,400	2,800	
TOTAL		-	1	1	2	EST. GOVERNMENT CONTRIB.		( 680,000)	( 748,000)	( 800,000)	
FELLOWSHIPS-SHORT TERM	WR	-	1	1	2						

COSTA RICA-4800, MEDICAL CARE SERVICES

THE PURPOSE OF THIS PROJECT IS TO PROVIDE TECHNICAL ASSISTANCE TO THE HOSPITAL CONSTRUCTION AND EQUIPMENT POLICY WITHIN THE QUADRENNIAL PLAN FOR PUBLIC INVESTMENTS AND THE NATIONAL HEALTH PLAN. ADVISORY SERVICES WILL BE PROVIDED TO CONSTRUCT AND EQUIP 382 NEW HOSPITAL BEDS FOR THE HOSPITAL SYSTEM OF THE CONSEJO TECNICO DE ASISTENCIA MEDICO SOCIAL AND 1,552 FOR THE CAJA COSTARRICENSE DE SEGURO SOCIAL; TO REDUCE THE RATE OF HOSPITALIZATION; TO CONSTRUCT HEALTH UNITS FORESEEN IN THE PLAN OF INVESTMENTS FOR 1969-1970; TO PROVIDE STANDARDS, MANUALS OF PROCEDURES, AND HOSPITAL COST SYSTEMS; TO GRADUALLY ESTABLISH A COORDINATED SYSTEM OF SERVICES ON A REGIONAL BASIS; AND TO PROVIDE TRAINING OF PERSONNEL TO CARRY OUT THE PROGRAMS. THE GOVERNMENT INTENDS TO ADJUST THE NATIONAL HEALTH SYSTEM TO EXTEND COVERAGE AND IMPROVE QUALITY OF SERVICES. ASSISTANCE TOWARDS THIS END WILL BE PROVIDED.

FUND 1969 1970 1971 1972					FUND 1969 1970 1971 1972						
TOTAL		-	-	4	-	TOTAL	WR	-	1,400	10,000	6,800
CONSULTANT MONTHS	WR	-	-	4	-	PERSONNEL-CONSULTANTS	-	-	7,200	-	
TOTAL		-	1	2	3	FELLOWSHIPS	-	1,400	2,800	6,800	
FELLOWSHIPS-ACADEMIC	WR	-	-	-	1	EST. GOVERNMENT CONTRIB.		15,640,000	17,200,000	18,920,000	
FELLOWSHIPS-SHORT TERM	WR	-	1	2	2						

COSTA RICA-6300, ADVANCED NURSING EDUCATION

THERE ARE ABOUT 650 NURSES IN ACTIVE SERVICE IN COSTA RICA. OF THE TOTAL NUMBER OF NURSES, 175, OR 27 PER CENT, ARE IN SUPERVISORY POSITIONS REQUIRING MORE TRAINING THAN IS POSSESSED. THERE ARE ABOUT 1,700 NURSING AUXILIARIES, OF WHOM 43 PER CENT HAVE HAD NO TRAINING. THE PURPOSE OF THIS PROJECT IS THE PREPARATION WITHIN THREE YEARS OF 50 PER CENT OF THE NURSING PERSONNEL NEEDED BY THE COUNTRY FOR SUPERVISORY AND TEACHING POSITIONS AND THE DEVELOPMENT OF PROFESSIONAL EDUCATION FOR NURSES AT ADVANCED LEVELS.

THE GOVERNMENT, WITH THE ASSISTANCE OF THE UNIVERSITY OF COSTA RICA, PLANS TO OFFER, WITHIN THE FACULTY OF MEDICINE, A SUPPLEMENTARY COURSE FOR UNDER-GRADUATE NURSES AND A GRADUATE COURSE, AS WELL AS A REGULAR COURSE FOR A DEGREE IN NURSING. IN ADDITION, IT PLANS TO DEVELOP FIELD CLINICS FOR TEACHING.

. . . CONTINUED

COSTA RICA-6300, ADVANCED NURSING EDUCATION . . . CONTINUED

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972	
								\$	\$	\$	\$	
TOTAL		-	2	2	2	TOTAL	PR	-	7,600	6,400	7,600	
CONSULTANT MONTHS	PR	-	2	2	2	PERSONNEL-CONSULTANTS FELLOWSHIPS		-	3,600	3,600	3,600	
TOTAL		-	1	2	1			-	4,000	2,800	4,000	
FELLOWSHIPS-ACADEMIC	PR	-	1	-	1	EST. GOVERNMENT CONTRIB.		(	62,100)	(	68,000)	
FELLOWSHIPS-SHORT TERM	PR	-	-	2	-						(	73,100)

COSTA RICA-6400, SANITARY ENGINEERING EDUCATION

OF THE 350 PROFESSIONAL ENGINEERS WITH COLLEGE TRAINING, ONLY 2 PER CENT HAVE HAD ACADEMIC SPECIALIZATION IN SANITARY ENGINEERING. THE PROJECT HAS AS ITS PURPOSE THE TRAINING OF ENGINEERS IN BASIC SANITARY ENGINEERING SUBJECTS THROUGH SHORT INTENSIVE COURSES; IMPROVEMENT IN THE TEACHING OF SANITARY ENGINEERING AT THE UNIVERSITY OF COSTA RICA; AND BROADENING AND UPDATING THE TECHNICAL INFORMATION AVAILABLE TO ENGINEERS ENGAGED IN SANITARY ENGINEERING.

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972	
								\$	\$	\$	\$	
TOTAL		-	1	1	1	TOTAL	PR	2,135	3,200	3,200	3,200	
CONSULTANT MONTHS	PR	-	1	1	1	PERSONNEL-CONSULTANTS FELLOWSHIPS		-	1,800	1,800	1,800	
TOTAL		1	-	-	-	GRANTS		735	-	-	-	
FELLOWSHIPS-SHORT TERM	PR	1	-	-	-	EST. GOVERNMENT CONTRIB.		(	15,000)	(	15,000)	
											(	15,000)

COSTA RICA-6700, BIOSTATISTICS EDUCATION

THE PURPOSE OF THIS PROJECT IS TO COOPERATE WITH THE GOVERNMENT IN TRAINING MEDICAL RECORDS LIBRARIANS FOR HOSPITALS IN COSTA RICA AND OTHER COUNTRIES OF LATIN AMERICA. AN ANNUAL FIVE-MONTH COURSE ON MEDICAL RECORDS AND HOSPITAL STATISTICS HAS BEEN ORGANIZED IN COSTA RICA. SINCE 1966, 66 PERSONS (37 FROM COSTA RICA AND 29 FROM 12 OTHER COUNTRIES OF LATIN AMERICA) HAVE RECEIVED TRAINING, AND AN ESTIMATED 20 PERSONS WILL ATTEND THE COURSE IN 1970 AND EACH SUCCESSIVE YEAR THEREAFTER.

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972	
								\$	\$	\$	\$	
TOTAL		-	1	-	-	TOTAL	WR	3,000	7,000	3,000	3,000	
FELLOWSHIPS-ACADEMIC	WR	-	1	-	-	COURSE COSTS		3,000	3,000	3,000	3,000	
						FELLOWSHIPS		-	4,000	-	-	
						EST. GOVERNMENT CONTRIB.		(	8,500)	(	8,500)	
											(	9,200)

COSTA RICA  
PORTIONS OF INTERCOUNTRY PROJECTS

	1969	1970	1971	1972
	\$	\$	\$	\$
TOTAL AMRO PROJECTS	439,755	459,362	493,795	514,959
0102 EPIDEMIOLOGY -- ZONE III	4,666	4,560	4,765	4,971
0111 EPIDEMIOLOGICAL SURVEILLANCE PROGRAM	-	-	-	1,401
0200 MALARIA TECHNICAL ADVISORY SERVICES	2,593	2,256	2,393	2,581
0203 MALARIA TECHNICAL ADVISORY SERVICES -- ZONE III	17,373	15,741	17,449	18,280
0216 RESEARCH IN EPIDEMIOLOGY OF MALARIA ERADICATION	26,009	44,298	49,653	53,845
0217 FIELD INVESTIGATION OF MASS DRUG TREATMENT	210	-	-	-
0218 PROMOTION OF RURAL HLTH SERV AND ERADICATION CAMPAIGNS	1,273	974	1,104	2,233
0219 DATA PROCESSING & OPERATIONS RESEARCH IN MALARIA ERADICATION	-	869	1,658	2,402
0403 TUBERCULOSIS CONTROL -- ZONE III	3,665	3,147	3,271	3,395
0408 SEMINAR ON TUBERCULOSIS CONTROL	-	-	1,008	-
0409 COURSES ON TUBERCULOSIS - EPIDEMIOLOGY	623	1,699	2,133	2,133
0410 COURSES ON TUBERCULOSIS - BACTERIOLOGY	429	1,451	1,674	1,674
0500 LEPROSY CONTROL	652	939	1,055	1,210
0600 VENEREAL DISEASE CONTROL	74	306	108	324
0700 PAN AMERICAN ZOONOSES CENTER	3,882	4,264	4,249	4,692

## COSTA RICA - PORTIONS OF INTERCOUNTRY PROJECTS . . . CONTINUED

0703	VETERINARY PUBLIC HEALTH -- ZONE III	3,727	3,979	4,095	4,134
0713	SEMINAR ON ANIMAL TUBERCULOSIS	-	1,039	-	-
0714	SYMPOSIUM ON THE HEALTH ASPECTS OF THE INTERNAL MOVEMENT OF ANIMALS	-	-	-	1,004
0718	SEMINAR ON EPIDEMIOLOGY OF THE ZOONOSES	-	-	-	710
1008	CHAGAS' DISEASE	226	230	270	540
1010	STUDY GROUP ON CHAGAS' DISEASE	842	-	-	-
2100	ENVIRONMENTAL SANITATION	136	352	352	602
2103	SANITARY ENGINEERING -- ZONE III	7,648	3,980	4,963	5,295
2108	SEMINAR ON SANITARY ENGINEERING -- ZONE III	329	-	-	-
2114	PAN AMERICAN SANITARY ENGINEERING CENTER	4,784	8,247	10,443	11,162
2116	CONFERENCE ON INTEGRATION OF ENVIRONMENTAL PROGRAMS	-	-	-	544
2117	CONFERENCE ON ENVIRONMENTAL RESEARCH	-	-	639	-
2200	WATER SUPPLIES	4,563	2,097	3,289	3,493
2203	WATER SUPPLIES -- ZONE III	14,744	12,111	13,276	13,913
2213	STUDIES AND INVESTIGATIONS OF WATER RESOURCES	1,945	1,144	1,352	1,352
2214	SEMINAR ON WATER POLLUTION CONTROL	-	833	-	-
2215	APPLIED RESEARCH ON WATER SUPPLIES	347	-	150	300
2220	PUBLIC SERVICES ADMINISTRATION	-	7,925	2,119	2,268
2222	SEMINAR ON LOANS & PROJECT DEVELOPMENT	-	-	-	971
2223	SEMINARS ON PUBLIC SERVICES ADMINISTRATION	-	-	-	458
2224	CONFERENCE ON RECENT ADVANCES IN WATER TREATMENT	-	-	-	859
2400	PUBLIC HEALTH ASPECTS OF HOUSING AND URBANIZATION	719	210	219	228
3110	COORDINATION OF INTERNATIONAL RESEARCH	2,025	1,250	1,368	1,977
3124	APPLICATION OF DATA PROCESSING TO HEALTH ADMINISTRATION	393	-	-	-
3125	SPECIAL SEMINARS IN ZONE III	-	2,490	2,490	2,490
3126	OPERATIONS RESEARCH	-	2,531	2,531	2,531
3129	RESEARCH TRAINING IN BIOMEDICAL SCIENCES	-	1,664	1,664	832
3130	CONFERENCE ON MYCOLOGY	-	1,131	-	-
3200	NURSING SERVICES	247	863	919	1,204
3203	NURSING -- ZONE III	6,789	7,715	8,069	8,431
3210	HOSPITAL NURSING SERVICES	26	956	1,172	1,238
3211	SEMINAR ON PLANNING FOR NURSING	713	-	1,072	-
3213	SEMINAR ON ADMINISTRATION OF NURSING SERVICES	-	-	1,916	-
3300	LABORATORY SERVICES	414	483	502	502
3303	LABORATORY SERVICES -- ZONE III	3,395	3,671	3,804	3,938
3310	CONFERENCE ON VIRAL AND RICKETTSIAL VACCINES	-	1,406	-	-
3311	TRAINING LABORATORY PERSONNEL	-	775	605	666
3400	HEALTH EDUCATION	58	249	373	373
3407	COMMUNITY DEVELOPMENT TRAINING CENTER	1,228	1,120	1,215	1,189
3409	STUDY GROUP ON HEALTH EDUCATION AND PLANNING	1,059	-	-	-
3500	HEALTH STATISTICS	14	-	351	308
3503	HEALTH STATISTICS -- ZONE III	4,274	4,946	4,783	4,973
3516	REGIONAL SEMINAR ON DATA PROCESSING	-	619	-	-
3600	ADMINISTRATIVE METHODS AND PRACTICES IN PUBLIC HEALTH	1,592	1,534	1,568	2,210
3603	ADMINISTRATIVE METHODS AND PRACTICES - ZONE III	3,752	3,296	3,429	3,563
3607	MANAGEMENT OF HEALTH SERVICES	-	-	5,093	5,093
3700	HEALTH PLANNING	2,098	4,196	3,904	4,075
3703	HEALTH PLANNING - ZONE III	3,647	3,521	3,654	3,788
3715	PAN AMERICAN PROGRAM FOR HEALTH PLANNING	3,349	10,129	8,061	7,593
4100	MATERNAL AND CHILD HEALTH	64	400	437	1,447
4103	MATERNAL AND CHILD HEALTH -- ZONE III	2,115	2,657	2,959	3,665
4108	CLINICAL AND SOCIAL PEDIATRICS	761	1,311	1,311	1,311
4115	NURSING-MIDWIFERY EDUCATION	612	-	-	-
4116	FACULTY TRAINING IN MATERNAL AND CHILD HEALTH	-	-	2,222	-
4117	STAFFING MATERNAL AND CHILD HEALTH SERVICES	-	281	281	-
4118	STUDY GROUP ON GUIDE FOR NURSING-MIDWIFERY SERVICES	-	-	-	1,243
4119	MATERNAL AND CHILD HEALTH FELLOWSHIPS	-	1,625	696	869
4122	DEVELOPMENT OF RHEUMATIC FEVER PROGRAMS	-	-	-	612
4200	NUTRITION ADVISORY SERVICES	257	389	591	603
4203	INSTITUTE OF NUTRITION OF CENTRAL AMERICA AND PANAMA	255,012	216,960	214,058	222,127
4211	RESEARCH IN PROTEIN-CALORIE MALNUTRITION	-	-	264	264
4221	SEMINAR ON NUTRITION IN FOOD AND HEALTH POLICIES	144	-	200	200
4230	NUTRITION TRAINING	650	704	731	920
4233	NUTRITION TEACHING IN MEDICAL SCHOOLS	-	-	562	562
4300	MENTAL HEALTH	417	450	900	900
4311	STUDY GROUP ON ADM. OF PSYCHIATRIC & MENTAL HEALTH SERVICES	746	-	-	-
4312	COURSES IN COMMUNITY PSYCHIATRY	-	-	900	-
4313	PSYCHIATRIC NURSING	-	-	2,806	-
4315	STUDY GROUP ON TRAINING PSYCHIATRISTS	-	-	-	603
4400	DENTAL HEALTH	628	550	550	925
4409	FLORIDATION	3,672	3,485	3,222	3,120
4500	HEALTH ASPECTS OF RADIATION	524	2,900	2,900	870
4507	RADIATION HEALTH PROTECTION	1,425	1,340	1,371	1,402
4700	FOOD AND DRUG CONTROL	910	967	1,004	1,039
4703	FOOD REFERENCE LABORATORY - ZONE III	5,505	7,579	8,297	8,646

## COSTA RICA - PORTIONS OF INTERCOUNTRY PROJECTS . . . CONTINUED

4708	FOOD HYGIENE TRAINING CENTER	-	-	1,250	1,801
4710	FOOD AND DRUG ADMINISTRATION -- ZONE III	458	540	540	540
4711	FOOD AND DRUG CONTROL SEMINAR	-	742	-	-
4800	MEDICAL CARE SERVICES	1,540	860	1,197	1,219
4803	MEDICAL CARE SERVICES -- ZONE III	3,747	3,821	3,954	4,088
4810	CHRONIC DISEASES	1,009	1,240	1,294	1,347
4813	HOSPITAL PLANNING AND ADMINISTRATION	151	275	2,443	2,485
4815	TRAINING FOR MEDICAL CARE AND HOSPITAL ADMINISTRATION	168	197	1,101	1,285
4816	PROGRESSIVE PATIENT CARE	1,985	-	-	-
4819	SEMINAR ON CANCER REGISTRATION	640	-	-	-
4900	HEALTH AND POPULATION DYNAMICS	6,578	14,698	13,539	10,368
5000	REHABILITATION	743	1,677	2,475	2,438
5008	SEMINAR ON REHABILITATION	-	1,245	-	-
6000	MEDICAL EDUCATION- TEXTBOOKS AND TEACHING MATERIALS	424	202	201	242
6200	MEDICAL EDUCATION	2,708	2,432	2,346	2,419
6214	FACULTY TRAINING FOR MEDICAL SCHOOLS	-	1,770	-	-
6216	PREVENTIVE MEDICINE EDUCATION	2,816	2,083	1,683	1,753
6221	LIBRARY OF MEDICINE	-	-	7,236	9,514
6222	SEMINAR ON TEACHING PREVENTIVE AND SOCIAL MEDICINE	-	940	-	-
6223	TEACHING OF BEHAVIORAL SCIENCES	342	528	7,528	7,528
6225	SURVEY OF FELLOWSHIP PROGRAMS	-	-	252	-
6226	COMMUNITY-CENTERED RESEARCH IN MEDICAL EDUCATION	-	-	-	1,038
6300	NURSING EDUCATION	724	294	294	462
6317	SEMINAR ON NURSING EDUCATION	-	-	1,968	1,968
6319	TRAINING OF NURSING AUXILIARIES	-	1,406	1,666	2,102
6400	SANITARY ENGINEERING EDUCATION	645	559	564	587
6600	DENTAL EDUCATION	704	318	625	641
6608	TRAINING OF AUXILIARY DENTAL PERSONNEL	163	291	291	557
6609	LATIN AMERICAN ASSOCIATION OF DENTAL SCHOOLS	120	120	120	120
6700	BIOSTATISTICS EDUCATION	300	1,020	1,020	1,020
6707	LATIN AMERICAN CENTER FOR THE CLASSIFICATION OF DISEASES	881	1,011	1,186	1,214
6708	TRAINING PROGRAM IN HOSPITAL STATISTICS	1,478	2,299	2,530	2,657
6709	RESEARCH TRAINING PROGRAMS IN HEALTH AND POPULATION	1,457	-	-	-

## COSTA RICA

## SUMMARY OF INVESTMENTS BY SOURCE OF FUNDS

SOURCE OF FUNDS	*-----COUNTRY PROJECTS-----*				*-----PORTIONS OF INTER-COUNTRY PROJECTS-----*			
	1969	1970	1971	1972	1969	1970	1971	1972
TOTAL FUNDS	179,139	188,776	184,195	190,035	439,755	459,362	493,795	514,959
PR PAHO REGULAR	55,683	91,466	95,450	116,519	159,159	186,332	222,430	226,396
PM PAHO SPECIAL MALARIA	21,823	-	-	-	41,101	52,802	33,082	53,845
PW PAHO COMMUNITY WATER SUPPLY	-	17,400	2,800	2,800	-	-	-	-
PG PAHO GRANTS & OTHER CONTRIB.	-	-	-	-	137,021	109,565	101,368	94,713
PI INCAP AND RELATED GRANTS	-	-	-	-	70,178	65,774	65,773	65,776
WR WHO REGULAR	101,633	79,910	85,945	70,716	26,879	33,413	48,895	52,388
WT WHO TECHNICAL ASSISTANCE	-	-	-	-	2,245	2,164	14,993	14,993
WS UNITED NATIONS SPECIAL FUND	-	-	-	-	3,060	9,197	7,129	6,711
WC WHO GRANTS & OTHER FUNDS	-	-	-	-	112	115	125	137

SOURCE OF FUNDS	*-----TOTAL ALL PROJECTS-----*			
	1969	1970	1971	1972
TOTAL FUNDS	618,894	648,138	677,990	704,994
PR PAHO REGULAR	214,842	277,798	317,880	342,915
PM PAHO SPECIAL MALARIA	62,924	52,802	33,082	53,845
PW PAHO COMMUNITY WATER SUPPLY	-	17,400	2,800	2,800
PG PAHO GRANTS & OTHER CONTRIB.	137,021	109,565	101,368	94,713
PI INCAP AND RELATED GRANTS	70,178	65,774	65,773	65,776
WR WHO REGULAR	128,512	113,323	134,840	123,104
WT WHO TECHNICAL ASSISTANCE	2,245	2,164	14,993	14,993
WS UNITED NATIONS SPECIAL FUND	3,060	9,197	7,129	6,711
WC WHO GRANTS & OTHER FUNDS	112	115	125	137

## EL SALVADOR

## PROGRAM BUDGET

1 9 6 9		1 9 7 0			1 9 7 1		1 9 7 2	
AMOUNT	PERCENT	AMOUNT	PERCENT		AMOUNT	PERCENT	AMOUNT	PERCENT
\$		\$			\$		\$	
249,635	33.2	290,209	32.8	I. PROTECTION OF HEALTH	295,359	37.0	303,631	37.5
183,791	24.4	213,210	24.1	A. COMMUNICABLE DISEASES	213,896	26.8	216,846	26.8
4,666	.6	5,960	.7	0100 GENERAL	6,164	.8	7,772	1.0
165,886	22.1	191,385	21.6	0200 MALARIA	190,341	23.9	187,974	23.2
4,023	.5	4,435	.5	0400 TUBERCULOSIS	6,988	.9	7,750	1.0
652	.1	939	.1	0500 LEPROSY	1,055	.1	1,210	.1
74	*	306	*	0600 VENEREAL DISEASES	108	*	324	*
7,596	1.0	9,269	1.1	0700 ZOOZOSES	8,331	1.0	10,552	1.3
894	.1	916	.1	1000 PARASITIC DISEASES	909	.1	1,264	.2
65,844	8.8	76,999	8.7	B. ENVIRONMENTAL HEALTH	81,463	10.2	86,785	10.7
19,548	2.6	23,342	2.6	2100 GENERAL	23,729	3.0	25,147	3.1
35,231	4.7	41,973	4.8	2200 WATER SUPPLIES	46,349	5.8	49,208	6.1
10,282	1.4	10,595	1.2	2300 AEDS AEGYPTI ERADICATION	10,256	1.3	11,266	1.4
783	.1	1,089	.1	2400 HOUSING	1,127	.1	1,164	.1
483,044	64.3	556,708	62.9	II. PROMOTION OF HEALTH	451,215	56.8	449,169	55.4
173,615	23.1	242,142	27.4	A. GENERAL SERVICES	138,448	17.5	130,040	16.0
108,173	14.4	150,670	17.0	3100 GENERAL PUBLIC HEALTH	57,879	7.3	58,661	7.2
8,799	1.2	22,759	2.6	3200 NURSING	22,136	2.8	19,500	2.4
3,809	.5	6,334	.7	3300 LABORATORY	12,211	1.5	12,406	1.5
2,648	.4	1,368	.2	3400 HEALTH EDUCATION	1,587	.2	1,562	.2
34,078	4.5	33,276	3.8	3500 STATISTICS	14,898	1.9	7,794	1.0
5,343	.7	4,827	.5	3600 ADMINISTRATIVE METHODS	10,088	1.3	10,865	1.3
10,765	1.4	22,908	2.6	3700 HEALTH PLANNING	19,649	2.5	19,252	2.4
309,429	41.2	314,566	35.5	B. SPECIFIC PROGRAMS	312,767	39.3	319,129	39.4
7,942	1.1	11,698	1.3	4100 MATERNAL AND CHILD HEALTH	14,829	1.9	15,534	1.9
256,049	34.1	218,046	24.6	4200 NUTRITION	218,413	27.2	224,719	27.8
912	.1	180	*	4300 MENTAL HEALTH	3,540	.4	1,805	.2
3,742	.5	3,552	.4	4400 DENTAL HEALTH	3,282	.4	4,048	.5
1,424	.2	1,339	.2	4500 RADIATION AND ISOTOPES	1,370	.2	2,272	.3
3,321	.4	4,837	.5	4600 OCCUPATIONAL HEALTH	5,109	.6	5,173	.6
6,872	.9	11,227	1.3	4700 FOOD AND DRUG	11,115	1.4	12,059	1.5
18,200	2.4	41,168	4.7	4800 MEDICAL CARE	36,584	4.6	37,259	4.6
10,224	1.4	19,597	2.2	4900 HEALTH AND POPULATION DYNAMICS	18,051	2.3	13,822	1.7
743	.1	2,922	.3	5000 REHABILITATION	2,474	.3	2,438	.3
18,370	2.5	38,356	4.3	III. DEVELOPMENT OF EDUCATIONAL INSTITUTIONS	49,426	6.2	56,778	7.1
8,733	1.2	18,667	2.1	6200 MEDICINE	29,691	3.7	32,958	4.1
724	.1	1,728	.2	6300 NURSING	3,960	.5	4,572	.6
3,778	.5	4,860	.5	6400 ENVIRONMENTAL SCIENCES	5,029	.6	5,102	.6
2,969	.4	9,540	1.1	6600 DENTISTRY	6,853	.9	10,141	1.3
2,166	.3	3,561	.4	6700 BIostatISTICS	3,893	.5	4,005	.5
751,049	100.0	885,273	100.0	GRAND TOTAL	796,000	100.0	809,578	100.0

\* LESS THAN .05 PERCENT

## EL SALVADOR

## SUMMARY OF INVESTMENT

SOURCE OF FUNDS	TOTAL AMOUNT	*-----PERSONNEL-----*			*--DUTY--*	*---FELLOWSHIPS---*		*---SEMINARS---*		*SUPPLIES*	*--GRANTS--*	
		POSTS PROF.	STC LOCAL	MONTH	TRAVEL AMOUNT	ACAD.	SHORT	PART.	AMOUNT	AND EQUIPMENT	AND OTHER	
	\$				\$				\$	\$	\$	
1969												
PAHO---PR	206,019	2	-	2	145,864	-	-	-	5,440	5,696	8,510	28,071
PM	74,172	1	-	-	49,187	-	-	-	-	-	21,689	380
PG	166,908	-	-	-	71,278	-	-	-	7,659	2,851	13,583	65,886
PI	70,177	-	-	-	26,500	-	-	-	482	-	11,694	30,738
WHO---WR	189,156	4	-	6	94,115	9	7	-	36,752	2,231	45,128	1,423
WT	39,918	2	-	-	37,609	-	-	-	-	-	-	300
WS	4,588	-	-	-	3,434	-	-	-	-	-	615	267
WD	111	-	-	-	111	-	-	-	-	-	-	-
TOTAL	751,049	9	-	8	428,098	9	7	-	50,333	10,778	101,219	127,065
PER CENT OF TOTAL	100.0				57.0				6.7	1.4	13.5	16.9
1970												
PAHO---PR	286,054	2	-	8	191,743	1	4	-	15,100	6,626	14,548	35,017
PM	70,336	-	-	-	23,761	-	-	-	-	-	27,120	17,615
PG	237,163	-	-	-	67,720	-	-	-	10,856	2,330	109,755	41,487
PI	65,772	-	-	-	42,008	-	-	-	600	-	5,752	15,270
WHO---WR	161,874	4	-	8	106,384	7	11	-	44,005	4,044	3,562	1,666
WT	50,164	2	-	-	46,326	-	-	-	384	-	88	300
WS	13,795	-	-	-	10,450	-	-	-	-	-	2,442	543
WD	115	-	-	-	115	-	-	-	-	-	-	-
TOTAL	885,273	8	-	16	488,507	8	15	-	70,945	13,000	163,267	111,898
PER CENT OF TOTAL	100.0				55.2				8.0	1.5	18.4	12.6
1971												
PAHO---PR	344,124	3	-	9	233,215	2	6	-	21,662	2,792	29,246	33,426
PM	33,080	-	-	-	17,050	-	-	-	-	-	1,074	13,756
PG	114,557	-	-	-	66,446	-	-	-	9,644	78	7,661	26,096
PI	65,771	-	-	-	43,663	-	-	-	600	-	5,002	14,364
WHO---WR	164,629	3	-	8	109,767	2,694	6	9	38,711	6,292	5,254	1,911
WT	63,020	2	-	-	52,656	3,404	-	-	6,274	-	386	300
WS	10,694	-	-	-	8,964	360	-	-	-	-	764	606
WD	125	-	-	-	125	-	-	-	-	-	-	-
TOTAL	796,000	8	-	17	531,886	8	15	-	76,891	9,162	49,387	90,459
PER CENT OF TOTAL	100.0				66.8				9.7	1.1	6.2	11.4
1972												
PAHO---PR	354,352	3	-	9	248,383	2	6	-	19,070	6,869	17,722	38,179
PM	53,842	-	-	-	18,241	-	-	-	-	-	19,409	14,992
PG	99,542	-	-	-	64,288	-	-	-	6,484	117	6,246	16,326
PI	65,772	-	-	-	45,319	-	-	-	600	-	4,335	13,376
WHO---WR	162,846	2	-	8	102,234	2,649	6	11	46,047	6,556	4,181	1,179
WT	63,020	2	-	-	52,656	3,404	-	-	6,274	-	386	300
WS	10,067	-	-	-	8,460	360	-	-	-	-	683	564
WD	137	-	-	-	137	-	-	-	-	-	-	-
TOTAL	809,578	7	-	17	539,718	8	17	-	78,475	13,542	52,962	86,916
PER CENT OF TOTAL	100.0				66.7				9.7	1.7	6.5	10.7

PAHO PR-REGULAR BUDGET  
 PM-SPECIAL FUND FOR MALARIA ERADICATION  
 PW-COMMUNITY WATER SUPPLY  
 PG-GRANTS AND OTHER CONTRIBUTIONS  
 PI-INCAP AND OTHER RELATED FUNDS

WHO WR-REGULAR BUDGET  
 WA-MALARIA ERADICATION SPECIAL ACCOUNT  
 WT-UNITED NATIONS TECHNICAL ASSISTANCE  
 WS-UNITED NATIONS SPECIAL FUND  
 WD-GRANTS AND OTHER FUNDS



EL SALVADOR-3100, HEALTH SERVICES

THE PURPOSE OF THIS PROJECT IS THE IMPROVEMENT OF THE GENERAL LEVEL OF HEALTH OF THE POPULATION. IT IS A PART OF THE NATIONAL PLAN OF HEALTH ALREADY INCORPORATED IN THE NATIONAL PLAN FOR SOCIAL AND ECONOMIC DEVELOPMENT.

IN 1967, THE THIRD EVALUATION OF THE HEALTH PLAN WAS CARRIED OUT. GENERAL MORTALITY WAS DECREASING ABOUT 3 PER CENT A YEAR, THE REDUCTION BEING GREATEST IN THE AGE GROUPS UNDER 5 AND FROM 20 TO 49 YEARS. ANALYSIS SHOWS THAT 2.8 PER CENT OF THE DEATHS ARE DUE TO ERADICABLE DISEASES, 84.2 PER CENT TO REDUCIBLE DISEASES, AND 13.0 PER CENT TO NON-REDUCIBLE DISEASES, INDICATING THAT THE HEALTH SERVICES MUST BE ORIENTED TOWARD THE ERADICABLE AND REDUCIBLE DISEASES IF THE RATE OF DECREASE IN DEATHS IS TO BE MAINTAINED.

DEMAND FOR SERVICES HAS SURPASSED THE DEVELOPMENT OF SERVICES FORESEEN IN THE PLAN. CLINIC VISITS INCREASED FROM 1,019,473 IN 1962 TO 1,797,761 IN 1969, AND HOSPITAL DISCHARGES INCREASED FROM 116,028 TO 164,090 DURING THE SAME PERIOD. HEALTH ESTABLISHMENTS INCREASED FROM 80 IN 1962 TO 182 IN 1969, ACCESSIBLE TO 85.8 PER CENT OF THE POPULATION. HOWEVER, COVERAGE WITH BASIC SERVICES REMAINED INADEQUATE DUE TO INSUFFICIENT RESOURCES.

FOR THE FIVE-YEAR PERIOD 1968-1972, THE PLAN PROPOSES TO INCREASE THE MEDICAL CARE SERVICES, TO EMPHASIZE CONTROL OF COMMUNICABLE DISEASES, TO IMPROVE ENVIRONMENTAL SANITATION, ESPECIALLY IN THE RURAL AREAS, AND TO INCREASE MATERNAL AND CHILD HEALTH SERVICES AND NUTRITION PROGRAMS.

UNICEF COOPERATES IN THIS PROJECT.

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
								\$	\$	\$	\$
TOTAL		3	3	1	1	TOTAL		118,931	92,105	46,926	47,947
P-5 MEDICAL OFFICER .0477	PR	1	1	1	1	SUBTOTAL	PR	32,840	30,505	33,326	34,347
P-4 SANITARY ENGINEER 4.0478	WT	1	1	-	-	PERSONNEL-POSTS		26,838	23,705	24,726	25,747
P-3 NURSE 4.0479	WT	1	1	-	-	PERSONNEL-CONSULTANTS		-	1,800	3,600	3,600
TOTAL		3	1	2	2	DUTY TRAVEL		318	1,500	1,500	1,500
CONSULTANT MONTHS	PR	-	1	2	2	SUPPLIES AND EQUIPMENT		3,211	-	-	-
CONSULTANT MONTHS	WR	3	-	-	-	COMMON SERVICES		2,473	3,500	3,500	3,500
TOTAL		2	6	6	6	SUBTOTAL	WR	48,418	13,600	13,600	13,600
FELLOWSHIPS-ACADEMIC	WR	1	2	2	2	PERSONNEL-CONSULTANTS		3,129	-	-	-
FELLOWSHIPS-SHORT TERM	WR	1	4	4	4	SUPPLIES AND EQUIPMENT		41,022	-	-	-
						FELLOWSHIPS		4,267	13,600	13,600	13,600
						SUBTOTAL	WT	37,673	48,000	-	-
						PERSONNEL-POSTS		35,849	45,000	-	-
						DUTY TRAVEL		1,824	3,000	-	-
						EST. GOVERNMENT CONTRIB.			14,125,500	14,831,600	15,537,900

EL SALVADOR-3101, FELLOWSHIPS

FELLOWSHIPS ARE PROVIDED IN ORDER TO TRAIN PERSONNEL FOR THE IMPROVEMENT AND EXPANSION OF HEALTH SERVICES IN THE COUNTRY.

		12	8	7	7	TOTAL	WR	24,893	24,200	20,200	20,200
TOTAL											
FELLOWSHIPS-ACADEMIC	WR	6	5	4	4	FELLOWSHIPS		24,893	24,200	20,200	20,200
FELLOWSHIPS-SHORT TERM	WR	6	3	3	3						

EL SALVADOR-3102, EMERGENCY REHABILITATION PROGRAM

THE PURPOSE OF THIS PROJECT IS TO COOPERATE WITH THE GOVERNMENT IN THE REHABILITATION OF CERTAIN HEALTH SERVICES AND FACILITIES IN THE COUNTRY. THE ORGANIZATION OF AMERICAN STATES COOPERATES IN THIS PROJECT.

			PG	-	100,000	-	-
TOTAL							
SUPPLIES AND EQUIPMENT							

EL SALVADOR-3200, NURSING SERVICES

THE PURPOSE OF THIS PROJECT IS TO COOPERATE IN THE PLANNING AND DEVELOPMENT OF NURSING SERVICES IN EL SALVADOR AND IN THE COORDINATION OF THESE SERVICES WITH ALL OTHER HEALTH SERVICES IN THE COUNTRY.

... CONTINUED



EL SALVADOR-3200, NURSING SERVICES . . . CONTINUED

					FUND	1969	1970	1971	1972	
					-----	-----	-----	-----	-----	
						\$	\$	\$	\$	
TOTAL			1	1	TOTAL	WT	-	-	24,000	24,000
P-3 NURSE 4.0479	WT	-	-	1	1	PERSONNEL-POSTS	-	-	22,500	22,500
						DUTY TRAVEL	-	-	1,500	1,500

EL SALVADOR-3300, LABORATORY SERVICES

THE PURPOSE OF THIS PROJECT IS TO ASSIST IN THE DEVELOPMENT OF THE LABORATORY SERVICES OF THE COUNTRY, WHICH INCLUDE THE PREPARATION OF REGULATIONS TO DEFINE THE OPERATIONAL LEVELS OF THE SYSTEM, ITS STRUCTURE, PERSONNEL, AND INTERRELATIONS, IN ACCORDANCE WITH THE NATIONAL HEALTH PLAN; PREPARATION OF MANUALS FOR THE CENTRAL, REGIONAL, AND LOCAL LABORATORIES; INTEGRATION OF THE LABORATORIES WHICH FUNCTION AT THE CENTRAL LEVEL; IMPROVEMENT AND EXPANSION OF THE REGIONAL AND LOCAL LABORATORIES; AND CREATION OF FORMAL COURSES FOR THE TRAINING OF LABORATORY PERSONNEL.

					TOTAL	PR	-	-	7,300	7,300
					-----	-----	-----	-----	-----	-----
FELLOWSHIPS-ACADEMIC	PR	-	-	1	1	SUPPLIES AND EQUIPMENT	-	-	500	500
FELLOWSHIPS-SHORT TERM	PR	-	-	2	2	FELLOWSHIPS	-	-	6,800	6,800

EL SALVADOR-4600, INDUSTRIAL HYGIENE

THE PURPOSE OF THIS PROJECT IS TO COOPERATE IN THE DEVELOPMENT OF LEGISLATION RELATED TO THE PUBLIC HEALTH ASPECTS OF INDUSTRIAL DEVELOPMENT, IN THE PROMOTION OF AN EFFICIENT AND COMPETENT AGENCY TO DEAL WITH THE PROBLEMS, IN THE STUDY OF THE POSSIBILITY OF DEVELOPING A CENTRAL INSTITUTE OF OCCUPATIONAL HEALTH FOR CENTRAL AMERICA IN EL SALVADOR, AND IN ESTABLISHING AN AIR POLLUTION SAMPLING STATION.

					TOTAL	WR	2,003	3,200	3,200	3,200
					-----	-----	-----	-----	-----	-----
CONSULTANT MONTHS	WR	2	1	1	1	PERSONNEL-CONSULTANTS	2,003	1,800	1,800	1,800
TOTAL		-	1	1	1	FELLOWSHIPS	-	1,400	1,400	1,400
FELLOWSHIPS-SHORT TERM	WR	-	1	1	1	EST. GOVERNMENT CONTRIB.		( 25,000)	( 28,000)	( 30,000)

EL SALVADOR-4800, MEDICAL CARE SERVICES

THE MINISTRY OF PUBLIC HEALTH HAS UNDER WAY A PROGRAM FOR THE INCREASE OF HOSPITAL BEDS, INCLUDING EQUIPPING OF THE NEW BLOOM PEDIATRICS HOSPITAL WHICH STARTED OPERATION IN 1969 AND HAS INCREASED THE NUMBER OF BEDS FROM 250 TO 433, AND INITIATION OF CONSTRUCTION OF GENERAL HOSPITALS IN ZACATECOLUCA (200 BEDS), USULUTAN (200 BEDS), AND CHALATENANGO (100 BEDS). AN INTENSIVE CARE UNIT IS PLANNED FOR THE ROSALES HOSPITAL, AND A RECONSTRUCTION PLAN PROVIDES FOR THE ADDITION OF TWO NEW WINGS EACH YEAR. IN ADDITION, CONSTRUCTION AND EXPANSION OF THE OUTPATIENT DEPARTMENTS OF SANTA ANA AND COJUTEPEQUES ARE PLANNED.

PLANS EXIST FOR THE IMPROVEMENT AND EXPANSION OF HEALTH CENTERS IN THE INTERIOR OF THE COUNTRY AND FOR THE CONSTRUCTION OF NEW HOSPITALS FOR SAN MIGUEL, AHUACHAPAN, AND SONSONATE.

					TOTAL	WR	-	9,000	9,000	9,000
					-----	-----	-----	-----	-----	-----
CONSULTANT MONTHS	WR	-	5	5	5	PERSONNEL-CONSULTANTS	-	9,000	9,000	9,000
						EST. GOVERNMENT CONTRIB.		(8,867,800)	(8,284,000)	(8,790,000)

EL SALVADOR-6200, MEDICAL EDUCATION

THE PURPOSE OF THIS PROJECT IS TO STRENGTHEN MEDICAL EDUCATION BY IMPROVING THE TRAINING OF MEDICAL FACULTY MEMBERS AND THE PEDAGOGICAL APPROACH TO THE TEACHING OF MEDICINE. PARTICULAR EMPHASIS IS PLACED ON PREVENTIVE MEDICINE AND BASIC SCIENCE TEACHING. ASSISTANCE IN REVIEWING THE STRUCTURAL ORGANIZATION OF THE SCHOOL IS ALSO CONTEMPLATED, FOLLOWING THE DECISION OF THE UNIVERSITY TO GROUP TOGETHER THE SCHOOLS OF MEDICINE, DENTISTRY, AND PHARMACY IN A FACULTY OF HEALTH SCIENCES.

					TOTAL	PR	2,176	9,400	9,400	9,400
					-----	-----	-----	-----	-----	-----
CONSULTANT MONTHS	PR	1	3	3	3	PERSONNEL-CONSULTANTS	2,176	5,400	5,400	5,400
TOTAL		-	1	1	1	FELLOWSHIPS	-	4,000	4,000	4,000
FELLOWSHIPS-ACADEMIC	PR	-	1	1	1	EST. GOVERNMENT CONTRIB.		( 850,000)	( 850,000)	( 850,000)

EL SALVADOR-6400, SANITARY ENGINEERING EDUCATION

IN EL SALVADOR, THERE IS ONE SANITARY ENGINEER WORKING IN HIS SPECIALTY FOR EACH 300,000 INHABITANTS. IT IS ESTIMATED THAT ABOUT 68 CIVIL ENGINEERS WITH NO ORGANIZED TRAINING IN THIS SUBJECT WORK IN SANITARY ENGINEERING ACTIVITIES.

THE PURPOSE OF THIS PROJECT IS TO IMPROVE TRAINING IN SANITARY ENGINEERING IN THE REGULAR COURSES OF CIVIL ENGINEERING AND TO ASSIST THE UNIVERSITY OF EL SALVADOR IN DEVELOPING A PROGRAM OF SHORT INTENSIVE COURSES ON WATER SUPPLIES, INCREASING LIBRARY MATERIALS, AND IMPROVING OTHER ASPECTS OF SANITARY ENGINEERING.

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
	-----	-----	-----	-----	-----	TOTAL	-----	-----	-----	-----	-----
		\$	\$	\$	\$			\$	\$	\$	\$
TOTAL		1	1	1	1	TOTAL	PR	3,134	3,800	3,800	3,800
CONSULTANT MONTHS	PR	1	1	1	1	PERSONNEL-CONSULTANTS		1,094	1,800	1,800	1,800
						SUPPLIES AND EQUIPMENT		-	2,000	2,000	2,000
						GRANTS		2,040	-	-	-
						EST. GOVERNMENT CONTRIB.			( 406,600)	( 420,000)	( 420,000)

EL SALVADOR-6600, DENTAL EDUCATION

THE PURPOSE OF THIS PROJECT IS TO STRENGTHEN DENTAL EDUCATION, PARTICULARLY IN THE TEACHING OF THE SOCIAL AND PREVENTIVE ASPECTS OF DENTISTRY AT THE UNIVERSITY OF EL SALVADOR, AND TO COLLABORATE IN ESTABLISHING A CENTER FOR THE STUDY OF PROBLEMS RELATED TO SOCIAL AND ECONOMIC ASPECTS OF DENTISTRY.

THE ACTIVITIES OF THE DEPARTMENT OF PREVENTIVE AND SOCIAL DENTISTRY OF THE SCHOOL OF DENTISTRY OF THE UNIVERSITY ARE BEING REORGANIZED AND EXPANDED; A RESEARCH CENTER IS BEING ESTABLISHED FOR THE STUDY OF THE RELATIONSHIP BETWEEN ECONOMIC AND SOCIAL PROBLEMS AND DENTAL HEALTH; AND A NEW TEACHING CURRICULUM IS BEING DEVELOPED.

		1	2	2	2		WR	1,968	8,800	5,800	8,800
		-----	-----	-----	-----	TOTAL		-----	-----	-----	-----
TOTAL		1	2	2	2	TOTAL	WR	1,968	8,800	5,800	8,800
CONSULTANT MONTHS	WR	1	2	2	2	PERSONNEL-CONSULTANTS		995	3,600	3,600	3,600
						SUPPLIES AND EQUIPMENT		973	1,000	800	1,000
TOTAL		-	3	1	3	FELLOWSHIPS		-	4,200	1,400	4,200
FELLOWSHIPS-SHORT TERM	WR	-	3	1	3	EST. GOVERNMENT CONTRIB.			( 303,500)	( 303,500)	( 303,500)

EL SALVADOR  
PORTIONS OF INTERCOUNTRY PROJECTS

	1969	1970	1971	1972
	-----	-----	-----	-----
	\$	\$	\$	\$
TOTAL AMRO PROJECTS	479,921	515,451	514,681	533,980
0103 EPIDEMIOLOGY -- ZONE III	4,666	4,560	4,764	4,971
0111 EPIDEMIOLOGICAL SURVEILLANCE PROGRAM	-	-	-	1,401
0200 MALARIA TECHNICAL ADVISORY SERVICES	2,592	2,252	2,388	2,578
0203 MALARIA TECHNICAL ADVISORY SERVICES -- ZONE III	17,371	15,740	17,449	18,279
0216 RESEARCH IN EPIDEMIOLOGY OF MALARIA ERADICATION	26,009	44,298	49,650	53,842
0217 FIELD INVESTIGATION OF MASS DRUG TREATMENT	419	-	-	-
0218 PROMOTION OF RURAL HLTH SERV AND ERADICATION CAMPAIGNS	1,272	974	1,104	2,233
0219 DATA PROCESSING & OPERATIONS RESEARCH IN MALARIA ERADICATION	-	869	1,657	2,691
0220 FIELD RESEARCH IN MALARIA ERADICATION	200	17,535	-	-
0400 TUBERCULOSIS CONTROL	358	1,289	2,710	4,355
0403 TUBERCULOSIS CONTROL -- ZONE III	3,665	3,146	3,271	3,395
0408 SEMINAR ON TUBERCULOSIS CONTROL	-	-	1,007	-
0500 LEPROSY CONTROL	652	939	1,055	1,210
0600 VENEREAL DISEASE CONTROL	74	306	108	324
0700 PAN AMERICAN ZOONOSIS CENTER	3,870	4,252	4,237	4,683
0703 VETERINARY PUBLIC HEALTH -- ZONE III	3,726	3,978	4,094	4,133
0713 SEMINAR ON ANIMAL TUBERCULOSIS	-	1,039	-	-
0714 SYMPOSIUM ON THE HLTH ASPECTS OF THE INTERNAL MOVEMENT OF ANIMALS	-	-	-	1,026
0718 SEMINAR ON EPIDEMIOLOGY OF THE ZOONOSIS	-	-	-	710
1000 PARASITIC DISEASES	668	702	657	724
1008 CHAGAS' DISEASE	226	214	252	540
2100 ENVIRONMENTAL SANITATION	135	351	351	600

## EL SALVADOR - PORTIONS OF INTERCOUNTRY PROJECTS . . . CONTINUED

2103	SANITARY ENGINEERING -- ZONE III	7,646	3,979	4,961	5,295
2108	SEMINAR ON SANITARY ENGINEERING -- ZONE III	329	-	-	-
2114	PAN AMERICAN SANITARY ENGINEERING CENTER	4,781	8,241	10,440	11,155
2116	CONFERENCE ON INTEGRATION OF ENVIRONMENTAL PROGRAMS	-	-	-	544
2200	WATER SUPPLIES	4,562	2,095	3,288	3,491
2203	WATER SUPPLIES -- ZONE III	14,743	12,110	13,275	13,913
2213	STUDIES AND INVESTIGATIONS OF WATER RESOURCES	1,945	1,144	1,379	1,379
2214	SEMINAR ON WATER POLLUTION CONTROL	-	833	-	-
2215	APPLIED RESEARCH ON WATER SUPPLIES	347	-	150	300
2220	PUBLIC SERVICES ADMINISTRATION	-	1,981	2,118	2,268
2222	SEMINAR ON LOANS & PROJECT DEVELOPMENT	-	-	-	971
2223	SEMINARS ON PUBLIC SERVICES ADMINISTRATION	-	-	-	466
2300	AEDES AEGYPTI ERADICATION	4,616	5,938	5,440	6,287
2303	AEDES ARGYPTI ERADICATION--ZONE III	5,666	4,657	4,818	4,979
2400	PUBLIC HEALTH ASPECTS OF HOUSING AND URBANIZATION	719	210	219	228
3110	COORDINATION OF INTERNATIONAL RESEARCH	2,022	1,249	1,367	1,976
3124	APPLICATION OF DATA PROCESSING TO HEALTH ADMINISTRATION	393	-	-	-
3125	SPECIAL SEMINARS IN ZONE III	-	2,490	2,490	2,490
3129	RESEARCH TRAINING IN BIOMEDICAL SCIENCES	-	1,696	1,696	848
3130	CONFERENCE ON MYCOLOGY	-	1,130	-	-
3200	NURSING SERVICES	246	862	918	1,204
3203	NURSING -- ZONE III	6,786	7,713	8,068	8,429
3210	HOSPITAL NURSING SERVICES	25	956	1,171	1,238
3211	SEMINAR ON PLANNING FOR NURSING	1,070	-	1,071	-
3213	SEMINAR ON ADMINISTRATION OF NURSING SERVICES	-	-	1,944	-
3300	LABORATORY SERVICES	414	483	502	502
3303	LABORATORY SERVICES -- ZONE III	3,395	3,671	3,804	3,938
3310	CONFERENCE ON VIRAL AND RICKETTSIAL VACCINES	-	1,405	-	-
3311	TRAINING LABORATORY PERSONNEL	-	775	605	666
3400	HEALTH EDUCATION	58	248	373	373
3407	COMMUNITY DEVELOPMENT TRAINING CENTER	1,228	1,120	1,214	1,189
3408	CONFERENCE ON POSTGRADUATE TRAINING IN HEALTH EDUCATION	833	-	-	-
3409	STUDY GROUP ON HEALTH EDUCATION AND PLANNING	529	-	-	-
3500	HEALTH STATISTICS	14	-	351	307
3503	HEALTH STATISTICS -- ZONE III	4,271	4,946	4,782	4,973
3513	INTER-AMER. INVES. OF MORTALITY, IN CHILDHOOD	29,400	23,711	9,765	2,514
3516	REGIONAL SEMINAR ON DATA PROCESSING	-	619	-	-
3600	ADMINISTRATIVE METHODS AND PRACTICES IN PUBLIC HEALTH	1,591	1,531	1,564	2,209
3603	ADMINISTRATIVE METHODS AND PRACTICES - ZONE III	3,752	3,296	3,429	3,563
3607	MANAGEMENT OF HEALTH SERVICES	-	-	5,093	5,093
3700	HEALTH PLANNING	2,096	4,194	3,903	4,074
3703	HEALTH PLANNING - ZONE III	3,647	3,521	3,654	3,788
3715	PAN AMERICAN PROGRAM FOR HEALTH PLANNING	5,022	15,193	12,092	11,390
4100	MATERNAL AND CHILD HEALTH	63	400	437	1,445
4103	MATERNAL AND CHILD HEALTH -- ZONE III	2,115	2,657	2,959	3,665
4108	CLINICAL AND SOCIAL PEDIATRICS	775	1,336	1,336	1,336
4115	NURSING-MIDWIFERY EDUCATION	610	-	-	-
4116	FACULTY TRAINING IN MATERNAL AND CHILD HEALTH	-	-	2,263	-
4117	STAFFING MATERNAL AND CHILD HEALTH SERVICES	-	286	286	-
4118	STUDY GROUP ON GUIDE FOR NURSING-MIDWIFERY SERVICES	-	-	-	1,267
4119	MATERNAL AND CHILD HEALTH FELLOWSHIPS	-	1,656	709	886
4200	NUTRITION ADVISORY SERVICES	256	389	591	602
4203	INSTITUTE OF NUTRITION OF CENTRAL AMERICA AND PANAMA	255,001	216,953	214,050	222,116
4211	RESEARCH IN PROTEIN-CALORIE MALNUTRITION	-	-	269	269
4221	SEMINAR ON NUTRITION IN FOOD AND HEALTH POLICIES	144	-	200	200
4230	NUTRITION TRAINING	648	704	731	920
4233	NUTRITION TEACHING IN MEDICAL SCHOOLS	-	-	572	572
4300	MENTAL HEALTH	167	180	900	450
4311	STUDY GROUP ON ADM. OF PSYCHIATRIC & MENTAL HEALTH SERVICES	745	-	-	-
4312	COURSES IN COMMUNITY PSYCHIATRY	-	-	-	740
4313	PSYCHIATRIC NURSING	-	-	2,640	-
4315	STUDY GROUP ON TRAINING PSYCHIATRISTS	-	-	-	615
4409	FLORIDATION	3,742	3,552	3,282	3,179
4412	SEMINAR ON IMPLEMENTATION OF DENTAL HEALTH PROGRAMS	-	-	-	909
4500	HEALTH ASPECTS OF RADIATION	-	-	-	870
4507	RADIATION HEALTH PROTECTION	1,424	1,339	1,370	1,402
4700	FOOD AND DRUG CONTROL	910	967	1,004	1,039
4703	FOOD REFERENCE LABORATORY - ZONE III	5,504	7,578	8,297	8,646
4708	FOOD HYGIENE TRAINING CENTER	-	-	1,274	1,834
4710	FOOD AND DRUG ADMINISTRATION -- ZONE III	458	540	540	540
4711	FOOD AND DRUG CONTROL SEMINAR	-	742	-	-
4800	MEDICAL CARE SERVICES	1,539	859	1,197	1,219
4803	MEDICAL CARE SERVICES -- ZONE III	3,746	3,821	3,954	4,088
4810	CHRONIC DISEASES	1,008	1,240	1,294	1,347
4813	HOSPITAL PLANNING AND ADMINISTRATION	153	273	2,442	2,485

## EL SALVADOR - PORTIONS OF INTERCOUNTRY PROJECTS . . . CONTINUED

4815	TRAINING FOR MEDICAL CARE AND HOSPITAL ADMINISTRATION	165	7,166	1,100	1,284
4819	SEMINAR ON CANCER REGISTRATION	640	-	-	-
4900	HEALTH AND POPULATION DYNAMICS	8,769	19,597	18,051	13,822
5000	REHABILITATION	743	1,677	2,474	2,438
5008	SEMINAR ON REHABILITATION	-	1,245	-	-
6000	MEDICAL EDUCATION- TEXTBOOKS AND TEACHING MATERIALS	634	301	300	360
6200	MEDICAL EDUCATION	2,706	2,430	2,345	2,418
6214	FACULTY TRAINING FOR MEDICAL SCHOOLS	-	1,770	-	-
6216	PREVENTIVE MEDICINE EDUCATION	2,876	2,126	1,717	1,791
6221	LIBRARY OF MEDICINE	-	-	7,231	9,512
6222	SEMINAR ON TEACHING PREVENTIVE AND SOCIAL MEDICINE	-	960	-	-
6223	TEACHING OF BEHAVIORAL SCIENCES	341	528	7,528	7,528
6224	FACULTY AND RESEARCH TRAINING CENTERS	-	1,152	911	911
6225	SURVEY OF FELLOWSHIP PROGRAMS	-	-	259	-
6226	COMMUNITY-CENTERED RESEARCH IN MEDICAL EDUCATION	-	-	-	1,038
6300	NURSING EDUCATION	724	294	294	462
6317	SEMINAR ON NURSING EDUCATION	-	-	1,967	1,967
6319	TRAINING OF NURSING AUXILIARIES	-	1,434	1,699	2,143
6400	SANITARY ENGINEERING EDUCATION	644	557	562	584
6600	DENTAL EDUCATION	716	323	636	653
6608	TRAINING OF AUXILIARY DENTAL PERSONNEL	165	297	297	568
6609	LATIN AMERICAN ASSOCIATION OF DENTAL SCHOOLS	120	120	120	120
6700	BIOSTATISTICS EDUCATION	300	1,020	1,020	1,020
6707	LATIN AMERICAN CENTER FOR THE CLASSIFICATION OF DISEASES	881	1,011	1,186	1,214
6708	TRAINING PROGRAM IN HOSPITAL STATISTICS	985	1,530	1,687	1,771
6709	RESEARCH TRAINING PROGRAMS IN HEALTH AND POPULATION	1,455	-	-	-

## EL SALVADOR

## SUMMARY OF INVESTMENTS BY SOURCE OF FUNDS

SOURCE OF FUNDS	*-----COUNTRY PROJECTS-----*				*-----PORTIONS OF INTER-COUNTRY PROJECTS-----*			
	1969	1970	1971	1972	1969	1970	1971	1972
TOTAL FUNDS	271,128	369,822	281,319	275,598	479,921	515,451	514,681	533,980
PR PAHO REGULAR	38,150	89,678	116,687	119,096	167,869	196,376	227,437	235,256
PM PAHO SPECIAL MALARIA	32,665	-	-	-	41,507	70,336	33,080	53,842
PG PAHO GRANTS & OTHER CONTRIB.	-	100,000	-	-	166,908	137,163	114,557	99,542
PI INCAP AND RELATED GRANTS	-	-	-	-	70,177	65,772	65,771	65,772
WR WHO REGULAR	162,640	132,144	116,632	108,502	26,516	29,730	47,997	54,344
WT WHO TECHNICAL ASSISTANCE	37,673	48,000	48,000	48,000	2,245	2,164	15,020	15,020
WS UNITED NATIONS SPECIAL FUND	-	-	-	-	4,588	13,795	10,694	10,067
WC WHO GRANTS & OTHER FUNDS	-	-	-	-	111	115	125	137

SOURCE OF FUNDS	*-----TOTAL ALL PROJECTS-----*			
	1969	1970	1971	1972
TOTAL FUNDS	751,049	885,273	796,000	809,578
PR PAHO REGULAR	206,019	286,054	344,124	354,352
PM PAHO SPECIAL MALARIA	74,172	70,336	33,080	53,842
PG PAHO GRANTS & OTHER CONTRIB.	166,908	237,163	114,557	99,542
PI INCAP AND RELATED GRANTS	70,177	65,772	65,771	65,772
WR WHO REGULAR	189,156	161,874	164,629	162,846
WT WHO TECHNICAL ASSISTANCE	39,918	50,164	63,020	63,020
WS UNITED NATIONS SPECIAL FUND	4,588	13,795	10,694	10,067
WC WHO GRANTS & OTHER FUNDS	111	115	125	137

## GUATEMALA

## PROGRAM BUDGET

1 9 6 9		1 9 7 0		1 9 7 1		1 9 7 2	
AMOUNT	PERCENT	AMOUNT	PERCENT	AMOUNT	PERCENT	AMOUNT	PERCENT
\$		\$		\$		\$	
283,525	37.0	287,641	34.3	293,130	33.5	311,813	34.0
211,741	27.7	215,018	25.6	216,899	24.8	228,941	25.0
6,222	.8	6,080	.7	6,352	.7	8,029	.9
180,545	23.4	174,155	20.7	178,839	20.4	189,334	20.7
7,614	1.0	11,618	1.4	13,514	1.6	9,930	1.1
652	.1	939	.1	1,054	.1	1,210	.1
74	*	306	*	108	*	324	*
15,407	2.0	20,653	2.5	15,794	1.8	18,489	2.0
1,227	.2	1,267	.2	1,238	.2	1,625	.2
71,784	9.3	72,623	8.7	76,731	8.7	82,872	9.0
21,199	2.8	27,480	3.3	28,412	3.2	30,091	3.3
44,137	5.7	39,397	4.7	41,875	4.8	46,638	5.1
5,666	.7	4,657	.6	4,818	.6	4,975	.5
782	.1	1,089	.1	1,126	.1	1,164	.1
447,779	58.5	451,110	53.6	470,782	53.8	485,093	53.0
131,913	17.2	148,675	17.7	159,347	18.1	168,752	18.6
38,639	5.0	22,209	2.6	27,498	3.1	51,858	5.7
41,853	5.5	48,532	5.8	51,113	5.8	42,034	4.6
29,135	3.8	42,934	5.1	41,511	4.7	41,705	4.6
3,176	.4	1,367	.2	1,586	.2	1,560	.2
4,678	.6	10,965	1.3	5,133	.6	5,280	.6
5,343	.7	4,827	.6	15,488	1.8	10,861	1.2
9,089	1.2	17,841	2.1	17,018	1.9	15,454	1.7
315,866	41.3	302,435	35.9	311,435	35.7	316,341	34.4
8,960	1.2	13,012	1.5	15,015	1.7	14,334	1.6
256,036	33.4	218,040	25.9	216,402	24.7	224,708	24.5
911	.1	180	*	5,722	.7	2,830	.3
4,369	.6	4,101	.5	7,831	.9	4,972	.5
1,423	.2	1,339	.2	1,370	.2	2,246	.2
1,399	.2	1,637	.2	1,909	.2	1,973	.2
6,871	.9	9,826	1.2	11,112	1.3	12,056	1.3
22,817	3.0	31,785	3.8	31,552	3.6	36,962	4.0
10,223	1.3	19,595	2.3	18,049	2.1	13,822	1.5
2,857	.4	2,920	.3	2,473	.3	2,438	.3
34,967	4.5	101,860	12.1	113,041	12.7	118,920	13.0
14,033	1.8	21,848	2.6	34,583	3.9	36,625	4.0
526	.1	1,648	.2	3,880	.4	4,446	.5
5,535	.7	61,660	7.3	57,229	6.5	61,872	6.8
11,708	1.5	7,303	.9	7,303	.8	5,534	.6
1,000	.1	5,840	.7	6,153	.7	6,440	.7
2,165	.3	3,561	.4	3,893	.4	4,003	.4
766,271	100.0	840,611	100.0	876,953	100.0	915,826	100.0
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\* LESS THAN .05 PERCENT

## GUATEMALA

## SUMMARY OF INVESTMENT

SOURCE OF FUNDS	TOTAL AMOUNT	PERSONNEL			TRAVEL AMOUNT	FELLOWSHIPS		SEMINARS		SUPPLIES AND EQUIPMENT	GRANTS AND OTHER		
		POSTS PRDF.	LOCAL	STC MONTH		ACAD.	SHORT	PART.	AMOUNT				
	\$			\$	\$			\$	\$	\$	\$		
1969													
PAHO---PR	238,466	1	-	12	161,307	14,675	2	2	14,606	-	7,400	6,970	33,508
PM	87,934	2	-	-	57,091	7,087	-	-	-	-	-	23,476	280
PG	168,149	1	-	-	89,540	5,901	-	-	7,658	-	5,151	17,213	42,686
PI	70,171	-	-	-	26,500	763	-	-	480	-	-	11,693	30,735
WHO---WR	87,471	1	-	-	36,839	3,250	7	5	31,062	-	2,488	5,310	8,522
WA	86,257	4	-	-	80,320	5,127	1	-	810	-	-	-	-
WT	24,654	1	-	-	20,687	454	-	2	3,213	-	-	-	300
WS	3,058	-	-	-	2,289	181	-	-	-	-	-	410	178
WO	111	-	-	-	111	-	-	-	-	-	-	-	-
TOTAL	766,271	10	-	12	474,684	37,438	10	9	57,829	-	15,039	65,072	116,209
PER CENT OF TOTAL	100.0				62.0	4.9			7.5		2.0	8.5	15.1
1970													
PAHO---PR	294,916	2	-	11	201,266	23,497	1	10	24,507	-	4,590	5,231	35,825
PM	84,909	1	-	-	35,801	2,840	-	1	1,400	-	-	29,740	15,128
PG	201,406	1	-	6	97,844	7,183	1	-	14,355	-	7,191	39,995	34,836
PI	65,771	-	-	-	42,008	2,142	-	-	600	-	-	5,751	15,270
WHO---WR	145,533	3	-	3	96,872	3,522	5	5	30,551	-	4,269	3,153	7,166
WT	38,764	1	-	-	23,826	1,566	2	-	11,984	-	-	1,088	300
WS	9,197	-	-	-	6,967	240	-	-	-	-	-	1,628	362
WO	115	-	-	-	115	-	-	-	-	-	-	-	-
TOTAL	840,611	8	-	20	504,701	40,990	9	16	83,397	-	16,050	86,586	108,887
PER CENT OF TOTAL	100.0				60.0	4.9			9.9		1.9	10.3	13.0
1971													
PAHO---PR	343,630	2	-	12	236,407	24,990	1	8	22,610	-	3,579	21,710	34,334
PM	57,203	1	-	-	30,773	2,200	-	1	1,400	-	-	9,074	13,756
PG	180,627	1	-	4	91,544	5,880	1	-	13,643	-	78	28,217	41,265
PI	65,769	-	-	-	43,663	2,142	-	-	600	-	-	5,000	14,364
WHO---WR	170,850	3	-	3	114,259	3,915	5	7	33,235	-	7,307	4,423	7,711
WT	51,620	1	-	-	30,156	1,904	2	-	17,874	-	-	1,386	300
WS	7,129	-	-	-	5,976	240	-	-	-	-	-	509	404
WO	125	-	-	-	125	-	-	-	-	-	-	-	-
TOTAL	876,953	8	-	19	552,903	41,271	9	16	89,362	-	10,964	70,319	112,134
PER CENT OF TOTAL	100.0				63.1	4.7			10.2		1.2	8.0	12.8
1972													
PAHO---PR	379,578	3	-	9	262,241	26,286	2	10	27,318	-	6,684	17,838	39,211
PM	53,841	-	-	-	18,241	1,200	-	-	-	-	-	19,408	14,992
PG	177,425	1	-	8	104,455	5,581	1	-	8,982	-	117	17,398	40,892
PI	65,769	-	-	-	45,318	2,142	-	-	600	-	-	4,334	13,375
WHO---WR	180,745	3	-	2	115,695	3,755	6	6	42,286	-	7,254	4,776	6,979
WT	51,620	1	-	-	30,156	1,904	2	-	17,874	-	-	1,386	300
WS	6,711	-	-	-	5,640	240	-	-	-	-	-	455	376
WO	137	-	-	-	137	-	-	-	-	-	-	-	-
TOTAL	915,826	8	-	19	581,883	41,108	11	16	97,060	-	14,055	65,595	116,125
PER CENT OF TOTAL	100.0				63.5	4.5			10.6		1.5	7.2	12.7
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PAHO PR-REGULAR BUDGET						WHO WR-REGULAR BUDGET							
PM-SPECIAL FUND FOR MALARIA ERADICATION						WA-MALARIA ERADICATION SPECIAL ACCOUNT							
PW-COMMUNITY WATER SUPPLY						WT-UNITED NATIONS TECHNICAL ASSISTANCE							
PG-GRANTS AND OTHER CONTRIBUTIONS						WS-UNITED NATIONS SPECIAL FUND							
PI-INCAP AND OTHER RELATED GRANTS						WO-GRANTS AND OTHER FUNDS							
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DETAILGUATEMALA-0200, MALARIA ERADICATION

THE OPERATIONS OF THE MALARIA ERADICATION PROGRAM WHICH BEGAN IN 1956 WERE REDUCED DURING THE EARLY 1960'S OWING TO FINANCIAL DIFFICULTIES; LIMITED OPERATIONS DURING THIS PERIOD, TOGETHER WITH PROBLEMS ASSOCIATED WITH EXTENSIVE USE OF MIGRATORY LABOR AND THE DEVELOPMENT OF VECTOR RESISTANCE TO CHLORIDATED INSECTICIDES IN VARIOUS AREAS OF THE COUNTRY, RESULTED IN MUCH INCREASED TRANSMISSION.

GUATEMALA NOW PARTICIPATES IN A CONCERTED CENTRAL AMERICAN REGIONAL ATTACK ON MALARIA. IN 1967, A REVISED PLAN OF OPERATIONS WAS PUT INTO EFFECT, COVERING THE TOTAL POPULATION OF 2,292,000 LIVING IN THE ORIGINALLY MALARIOUS AREAS (45 PER CENT OF THE TOTAL POPULATION). DURING 1968, 492,940 BLOOD SLIDES WERE EXAMINED, OF WHICH 10,407 WERE FOUND POSITIVE, AND IN 1969, OF 521,336 SLIDES, 10,494 WERE POSITIVE.

THE ORGANIZATION ALSO COOPERATES WITH THE GOVERNMENT IN RESEARCH AND EPIDEMIOLOGICAL INVESTIGATIONS TO IMPROVE METHODOLOGY IN THE AREAS WHERE TECHNICAL PROBLEMS ARISE.

UNICEF AND AID PARTICIPATE IN THE PROGRAM.

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
								\$	\$	\$	\$
<b>TOTAL</b>		<b>6</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>TOTAL</b>		<b>132,784</b>	<b>101,259</b>	<b>106,596</b>	<b>109,716</b>
P-4 MEDICAL OFFICER 4.0481 4.0482	WR	-	2	2	2	SUBTOTAL	PR	-	28,473	29,361	55,521
P-4 MEDICAL OFFICER 4.0481 4.0482	WA	2	-	-	-	PERSONNEL-POSTS		-	20,473	21,361	36,521
P-4 SANITARY ENGINEER .0483	PR	-	1	1	1	DUTY TRAVEL		-	8,000	8,000	9,000
P-4 SANITARY ENGINEER 4.0483	WA	1	-	-	-	SUPPLIES AND EQUIPMENT		-	-	-	10,000
P-3 ENTOMOLOGIST 4.0940	WA	1	-	-	-	SUBTOTAL	PM	46,527	23,343	24,124	-
P-1 SANITARIAN .0486	PR	-	-	-	1	PERSONNEL-POSTS		32,839	12,943	13,724	-
P-1 SANITARIAN .0485 .0486	PM	2	1	1	-	DUTY TRAVEL		4,963	1,000	1,000	-
						SUPPLIES AND EQUIPMENT		8,725	8,000	8,000	-
						FELLOWSHIPS		-	1,400	1,400	-
<b>TOTAL</b>		<b>1</b>	<b>1</b>	<b>1</b>	<b>-</b>	SUBTOTAL	WR	-	49,443	53,111	54,195
FELLOWSHIPS-ACADEMIC	WA	1	-	-	-	PERSONNEL-POSTS		-	49,443	53,111	54,195
FELLOWSHIPS-SHORT TERM	PM	-	1	1	-	SUBTOTAL	WA	84,257	-	-	-
						PERSONNEL-POSTS		80,320	-	-	-
						DUTY TRAVEL		5,127	-	-	-
						FELLOWSHIPS		810	-	-	-
						EST. GOVERNMENT CONTRIB.			(1,463,000)	( 578,400)	( 978,400)

GUATEMALA-2100, ENVIRONMENTAL SANITATION

THE PURPOSE OF THIS PROJECT IS TO COLLABORATE WITH THE DIFFERENT AGENCIES INVOLVED IN ENVIRONMENTAL SANITATION ACTIVITIES, SUCH AS THE PROVISION OF WATER SUPPLY AND SEWAGE DISPOSAL FACILITIES IN BOTH URBAN AND RURAL AREAS, WATER AND AIR POLLUTION, AND HOUSING AND URBAN DEVELOPMENT. IN 1969, 86 PER CENT OF THE URBAN POPULATION WAS SERVED WITH WATER, EITHER BY HOUSE CONNECTIONS OR PUBLIC HYDRANTS, WHILE ONLY 11 PER CENT OF THE RURAL POPULATION HAS EITHER SERVICE. ONLY 13 PER CENT OF THE TOTAL POPULATION HAS ADEQUATE SEWERAGE OR EXCRETA DISPOSAL SERVICES.

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
<b>TOTAL</b>		<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>TOTAL</b>	PR	<b>22,738</b>	<b>30,373</b>	<b>29,061</b>	<b>30,349</b>
P-4 SANITARY ENGINEER .0490	PR	1	1	1	1	PERSONNEL-POSTS		21,375	20,473	21,361	22,249
						PERSONNEL-CONSULTANTS		-	1,800	3,600	-
<b>TOTAL</b>		<b>-</b>	<b>1</b>	<b>2</b>	<b>-</b>	DUTY TRAVEL		1,363	1,300	1,300	1,300
						FELLOWSHIPS		-	6,800	2,800	6,800
CONSULTANT MONTHS	PR	-	1	2	-	EST. GOVERNMENT CONTRIB.			( 45,000)	( 45,000)	( 45,000)
<b>TOTAL</b>		<b>-</b>	<b>3</b>	<b>2</b>	<b>3</b>						
FELLOWSHIPS-ACADEMIC	PR	-	1	-	1						
FELLOWSHIPS-SHORT TERM	PR	-	2	2	2						

GUATEMALA-2200, WATER SUPPLIES

THE PURPOSE OF THIS PROJECT IS TO ASSIST THE GOVERNMENT IN MEETING THE GOALS FOR WATER SUPPLY AND SEWERAGE SERVICES OF THE CHARTER OF PUNTA DEL ESTE. BY 1969, 40 PER CENT OF THE URBAN POPULATION WAS BEING SERVED BY HOUSE CONNECTIONS (86 PER CENT BY HOUSE CONNECTIONS OR HYDRANTS), AND 11 PER CENT OF THE RURAL POPULATION HAD SERVICE BY HOUSE CONNECTIONS OR PUBLIC HYDRANTS. FROM 1961 THROUGH 1969, A TOTAL OF \$25.0 MILLION IN INTERNATIONAL LOAN FUNDS AND \$13.3 IN MATCHING NATIONAL FUNDS HAD BEEN ALLOCATED FOR WATER SUPPLY AND SEWERAGE CONSTRUCTION. THE COUNTRY ESTIMATED THAT FOR THE PERIOD 1968-1971 A TOTAL OF \$31 MILLION WILL BE SPENT FOR THESE PROGRAMS, TO PROVIDE 76 PER CENT OF THE URBAN POPULATION WITH WATER SUPPLY SERVICES THROUGH HOUSE CONNECTIONS, 13 PER CENT OF THE RURAL POPULATION WITH SERVICE FROM HOUSE CONNECTIONS OR PUBLIC HYDRANTS, AND 46 PER CENT OF THE URBAN POPULATION WITH SEWERAGE SERVICES.

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GUATEMALA-2200, WATER SUPPLIES . . . CONTINUED

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
								\$	\$	\$	\$
TOTAL		2	-	-	-	TOTAL	PR	2,172	-	-	-
CONSULTANT MONTHS	PR	2	-	-	-	PERSONNEL-CONSULTANTS		2,172	-	-	-

GUATEMALA-3100, HEALTH SERVICES

THE PURPOSE OF THIS PROJECT IS TO ASSIST IN FORMULATING AND CARRYING OUT A NATIONAL HEALTH PLAN ENCOMPASSING PREVENTIVE, HEALTH PROMOTION, CURATIVE, AND REHABILITATION ACTIVITIES, IN ORDER TO BENEFIT THE MAJORITY OF THE POPULATION, AND TRAINING OF THE PROFESSIONAL AND AUXILIARY PERSONNEL NECESSARY FOR ITS IMPLEMENTATION.

GUATEMALA HAS 108,889 SQUARE KILOMETERS AND A POPULATION ESTIMATED AT 4.9 MILLION, OF WHICH 34 PER CENT LIVE IN URBAN AREAS. MORE THAN HALF OF THE URBAN POPULATION IS CONCENTRATED IN THE CAPITAL CITY. THE POPULATION IS INCREASING AT AN ANNUAL RATE OF 3.1 PER CENT.

DESPITE PAST PROGRAMS, THERE IS STILL MUCH TO DO TO IMPROVE THE SANITARY CONDITIONS, ESPECIALLY IN THE RURAL AREAS. MALNUTRITION AND INFANT MORTALITY CONTINUE BEING SERIOUS PROBLEMS, AND GASTROINTESTINAL DISEASES REMAIN AS THE PRINCIPAL CAUSES OF DEATH. THE DEATH RATE IS 17.0 PER THOUSAND, WITH THE GREATER PORTION DUE TO DEATHS IN THE AGE GROUP UNDER FIVE YEARS OF AGE. SINCE 1963 THE NUMBER OF HEALTH CENTERS HAS INCREASED FROM 44 TO 60 AND HEALTH POSTS FROM 105 TO 127. THE PLAN FOR 1969-1970 CALLS FOR ADDITIONAL CENTERS, ESPECIALLY IN AREAS WHERE THERE ARE NO HOSPITAL SERVICES, INCLUDING IMPROVEMENT AND EXTENSION OF LABORATORY AND DENTAL SERVICES.

UNICEF AND AID COOPERATE IN THIS PROJECT.

		1	1	1	1	TOTAL		56,572	61,928	64,335	67,146
P-3 NURSE 4,0986	WR	1	1	1	1	SUBTOTAL	PR	1,420	-	-	-
TOTAL		-	3	3	2	FELLOWSHIPS		1,420	-	-	-
CONSULTANT MONTHS	WR	-	3	3	2	SUBTOTAL	WR	55,152	61,928	64,335	67,146
TOTAL		13	10	12	12	PERSONNEL-POSTS		19,198	20,828	22,135	22,146
FELLOWSHIPS-ACADEMIC	WR	7	5	5	6	PERSONNEL-CONSULTANTS		-	5,400	5,400	3,600
FELLOWSHIPS-SHORT TERM	PR	1	-	-	-	DUTY TRAVEL		757	1,000	1,000	1,000
FELLOWSHIPS-SHORT TERM	WR	5	5	7	6	COURSE COSTS		-	1,700	-	2,000
						SUPPLIES AND EQUIPMENT		2,743	500	1,000	1,000
						FELLOWSHIPS		25,936	27,000	29,800	32,400
						COMMON SERVICES		6,518	5,500	5,000	5,000
						EST. GOVERNMENT CONTRIB.			13,200,000	13,600,000	13,600,000

GUATEMALA-3200, NURSING SERVICES

THE OBJECTIVES OF THIS PROJECT ARE TO IMPROVE NURSING CARE IN THE COUNTRY THROUGH THE ESTABLISHMENT OF A NATIONAL POLICY DEFINING THE NUMBER OF NURSES IN ACCORDANCE WITH HEALTH SERVICE NEEDS; TO DEVELOP CONTINUING EDUCATION AND IN-SERVICE EDUCATION PROGRAMS FOR ALL LEVELS OF EXISTING NURSING PERSONNEL; TO PREPARE NEW PERSONNEL IN ACCORDANCE WITH PROGRAM REQUIREMENTS AND WITHIN THE SOCIOECONOMIC POSSIBILITIES OF THE COUNTRY; AND TO DEVELOP AUDIOVISUAL TEACHING AIDS IN ACCORDANCE WITH THE EDUCATION AND TRAINING PROGRAM NEEDS.

THE PROJECT IS BEING CONDUCTED WITH THE COLLABORATION OF THE W. K. KELLOGG FOUNDATION.

		1	1	1	1	TOTAL		30,766	23,674	25,013	25,293
P-4 NURSE .3217	PG	1	1	1	1	SUBTOTAL	PR	7,145	-	-	-
						DUTY TRAVEL		145	-	-	-
						GRANTS		7,000	-	-	-
						SUBTOTAL	PG	23,621	23,674	25,013	25,293
						PERSONNEL-POSTS		20,058	18,174	19,513	19,793
						DUTY TRAVEL		155	1,500	1,500	1,500
						SUPPLIES AND EQUIPMENT		3,408	4,000	4,000	4,000
						EST. GOVERNMENT CONTRIB.			190,000	190,000	190,000

GUATEMALA-3300, LABORATORY SERVICES

THE PURPOSE OF THIS PROJECT IS TO COOPERATE WITH THE GOVERNMENT IN CARRYING OUT ITS PLAN FOR THE PERIOD 1968-1972, WHICH HAS AS ITS OBJECTIVES INTEGRATION OF HEALTH CENTER AND HOSPITAL LABORATORIES WHERE FEASIBLE; IMPROVEMENT AND EXPANSION OF FACILITIES AND LABORATORY PROCEDURES, WITH EMPHASIS ON THE DIAGNOSIS AND CONTROL OF INFECTIOUS DISEASES; ESTABLISHMENT OF ADMINISTRATIVE AND TECHNICAL STANDARDS FOR LABORATORIES; TRAINING OF PERSONNEL TO STAFF THE LABORATORIES; AND EXPANSION OF THE PRODUCTION LABORATORY TO MEET THE DEMANDS OF ALL CENTRAL AMERICA AND PANAMA FOR BIOLOGICAL PRODUCTS.

UNICEF COOPERATES IN THIS PROJECT.

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GUATEMALA-3300, LABORATORY SERVICES . . . CONTINUED

FUND 1969 1970 1971 1972					FUND 1969 1970 1971 1972					
TOTAL		1	1	1	1	TOTAL	25,927	36,600	36,600	36,600
P-4 LABORATORY ADVISER 4,0936	WT	1	1	1	1	SUBTOTAL	PR 2,918	-	-	-
TOTAL		3	-	-	-	PERSONNEL-CONSULTANTS	2,918	-	-	-
CONSULTANT MONTHS	PR	3	-	-	-	SUBTOTAL	WT 22,409	36,600	36,600	36,600
TOTAL		2	2	2	2	PERSONNEL-POSTS	18,927	22,500	22,500	22,500
FELLOWSHIPS-ACADEMIC	WT	-	2	2	2	DUTY TRAVEL	269	1,500	1,500	1,500
FELLOWSHIPS-SHORT TERM	WT	2	-	-	-	SUPPLIES AND EQUIPMENT	-	1,000	1,000	1,000
						FELLOWSHIPS	3,213	11,600	11,600	11,600
						EST. GOVERNMENT CONTRIB.		( 150,000)	( 150,000)	( 150,000)

GUATEMALA-4800, MEDICAL CARE SERVICES

THE GOVERNMENT HAS RECENTLY ADOPTED MEASURES REQUIRING THE PROVISION OF MEDICAL CARE AND HOSPITAL AND MATERNITY SERVICES FOR WORKERS BY THE INSTITUTE OF SOCIAL SECURITY. THE CHANGES WILL REQUIRE EXTENSIVE PLANNING FOR THE PROVISION OF HOSPITAL SERVICES, AS WELL AS FOR MEANS OF PROVIDING OTHER SERVICES. THE PURPOSE OF THE PROJECT IS TO COLLABORATE WITH THE GOVERNMENT IN INCREASING THE COVERAGE OF SERVICES, INCREASING THE EFFICIENT USE OF RESOURCES, ADEQUATELY TRAINING PERSONNEL, AND IMPROVING THE ADMINISTRATION OF THE INSTITUTIONS.

IN 1970 THE GOVERNMENT PLANS TO STRUCTURE ADMINISTRATIVELY ON A REGIONAL BASIS TO IMPROVE THE SERVICES IN ACCORDANCE WITH THE REFORMS INTRODUCED BY THE MINISTRY OF HEALTH AND THE APPLICATION OF THE NATIONAL HEALTH PLAN.

TOTAL		-	3	3	3	TOTAL	PR 2,601	8,200	7,500	12,200
CONSULTANT MONTHS	PR	-	3	3	3	PERSONNEL-CONSULTANTS	-	5,400	5,400	5,400
TOTAL		1	2	1	3	COURSE COSTS	-	-	700	-
FELLOWSHIPS-ACADEMIC	PR	1	-	-	1	SUPPLIES AND EQUIPMENT	160	-	-	-
FELLOWSHIPS-SHORT TERM	PR	-	2	1	2	FELLOWSHIPS	2,441	2,800	1,400	6,800
						EST. GOVERNMENT CONTRIB.		( 8,950,000)	( 9,000,000)	( 9,000,000)

GUATEMALA-6200, MEDICAL EDUCATION

THE PURPOSE OF THIS PROJECT IS TO ASSIST THE SCHOOL OF MEDICINE OF THE UNIVERSITY OF SAN CARLOS IN STRENGTHENING MEDICAL EDUCATION BY REVISING ITS PROGRAM OF STUDIES, IN IMPROVING THE TRAINING OF MEDICAL FACULTY MEMBERS, AND IN EMPHASIZING THE PEDAGOGICAL APPROACH TO THE TEACHING OF MEDICINE.

SINCE 1969 NEW TEACHING PROGRAMS HAVE BEEN INITIATED WHICH COVER SIX YEARS OF STUDY. SIMULTANEOUSLY, THE STANDARDIZATION OF COURSES HAS BEEN STARTED.

TOTAL		2	2	2	2	TOTAL	PR 3,536	7,400	8,600	7,000
CONSULTANT MONTHS	PR	2	2	2	2	PERSONNEL-CONSULTANTS	2,551	3,600	3,600	3,600
TOTAL		1	2	1	2	COURSE COSTS	-	-	-	600
FELLOWSHIPS-ACADEMIC	PR	-	-	1	-	SUPPLIES AND EQUIPMENT	-	1,000	1,000	-
FELLOWSHIPS-SHORT TERM	PR	1	2	-	2	FELLOWSHIPS	985	2,800	4,000	2,800
						EST. GOVERNMENT CONTRIB.		( 600,000)	( 600,000)	( 600,000)

GUATEMALA-6400, SANITARY ENGINEERING EDUCATION

THE PURPOSE OF THIS PROJECT IS TO ASSIST THE REGIONAL SCHOOL OF SANITARY ENGINEERING FOR CENTRAL AMERICA AND PANAMA OF THE UNIVERSITY OF SAN CARLOS WITH ITS REGULAR POSTGRADUATE ACADEMIC PROGRAM AND WITH SHORT INTENSIVE COURSES FOR CIVIL AND SANITARY ENGINEERS AND SUBPROFESSIONAL PERSONNEL WORKING IN THIS FIELD. ASSISTANCE WILL ALSO BE GIVEN TO RESEARCH ACTIVITIES. THE GOVERNMENT OF SWITZERLAND IS COOPERATING IN THE DEVELOPMENT OF THIS SCHOOL.

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## GUATEMALA - PORTIONS OF INTERCOUNTRY PROJECTS . . . CONTINUED

0408	SEMINAR ON TUBERCULOSIS CONTROL	-	-	1,006	-
0409	COURSES ON TUBERCULOSIS - EPIDEMIOLOGY	632	1,726	2,167	2,167
0410	COURSES ON TUBERCULOSIS - BACTERIOLOGY	437	1,474	1,701	1,701
0500	LEPROSY CONTROL	652	939	1,054	1,210
0600	VENEREAL DISEASE CONTROL	74	306	108	324
0700	PAN AMERICAN ZOONOSES CENTER - RAMOS MEJIA	7,740	8,511	8,483	9,372
0703	VETERINARY PUBLIC HEALTH -- ZONE III	6,654	7,104	7,311	7,381
0713	SEMINAR ON ANIMAL TUBERCULOSIS	-	1,038	-	-
0714	SYMPOSIUM ON THE HEALTH ASPECTS OF THE INTERNAL MOVEMENT OF ANIMALS	-	-	-	1,026
0716	SEMINAR ON RABIES VACCINE PRODUCTION AND CONTROL	1,013	-	-	-
0718	SEMINAR ON EPIDEMIOLOGY OF THE ZOONOSES	-	-	-	710
1000	PARASITIC DISEASES	1,001	1,053	986	1,085
1008	CHAGAS' DISEASE	226	214	252	540
2100	ENVIRONMENTAL SANITATION	135	351	351	600
2103	SANITARY ENGINEERING -- ZONE III	10,195	5,308	6,616	7,058
2108	SEMINAR ON SANITARY ENGINEERING -- ZONE III	329	-	-	-
2112	AIR POLLUTION CONFERENCE	81	-	-	-
2114	PAN AMERICAN SANITARY ENGINEERING CENTER	4,781	8,240	10,437	11,155
2116	CONFERENCE ON INTEGRATION OF ENVIRONMENTAL PROGRAMS	-	-	-	544
2117	CONFERENCE ON ENVIRONMENTAL RESEARCH	-	-	639	-
2200	WATER SUPPLIES	4,562	2,095	3,288	3,491
2203	WATER SUPPLIES -- ZONE III	14,743	12,110	13,275	13,911
2213	STUDIES AND INVESTIGATIONS OF WATER RESOURCES	1,945	1,144	1,379	1,379
2214	SEMINAR ON WATER POLLUTION CONTROL	-	833	-	-
2215	APPLIED RESEARCH ON WATER SUPPLIES	579	-	250	500
2219	WATER METERS	4,539	7,461	-	-
2220	PUBLIC SERVICES ADMINISTRATION	-	1,981	8,474	9,073
2222	SEMINAR ON LOANS & PROJECT DEVELOPMENT	-	-	-	971
2223	SEMINARS ON PUBLIC SERVICES ADMINISTRATION	-	-	-	466
2224	CONFERENCE ON RECENT ADVANCES IN WATER TREATMENT	-	-	-	859
2303	Aedes Aegypti ERADICATION--ZONE III	5,666	4,657	4,818	4,979
2400	PUBLIC HEALTH ASPECTS OF HOUSING AND URBANIZATION	718	210	219	229
3110	COORDINATION OF INTERNATIONAL RESEARCH	2,022	1,247	1,366	1,974
3124	APPLICATION OF DATA PROCESSING TO HEALTH ADMINISTRATION	393	-	-	-
3125	SPECIAL SEMINARS IN ZONE III	-	2,505	2,505	2,505
3126	OPERATIONS RESEARCH	-	2,531	2,531	2,531
3129	RESEARCH TRAINING IN BIOMEDICAL SCIENCES	-	1,696	1,696	848
3130	CONFERENCE ON MYCOLOGY	-	1,130	-	-
3200	NURSING SERVICES	246	862	918	1,204
3203	NURSING -- ZONE III	9,048	10,285	10,758	11,235
3210	HOSPITAL NURSING SERVICES	24	956	1,170	1,237
3211	SEMINAR ON PLANNING FOR NURSING	704	-	1,071	-
3213	SEMINAR ON ADMINISTRATION OF NURSING SERVICES	-	-	1,944	-
3300	LABORATORY SERVICES	414	483	502	502
3303	LABORATORY SERVICES -- ZONE III	3,394	3,671	3,804	3,937
3310	CONFERENCE ON VIRAL AND RICKETTSIAL VACCINES	-	1,405	-	-
3311	TRAINING LABORATORY PERSONNEL	-	775	605	666
3400	HEALTH EDUCATION	58	248	373	373
3407	COMMUNITY DEVELOPMENT TRAINING CENTER	1,228	1,119	1,213	1,187
3408	CONFERENCE ON POSTGRADUATE TRAINING IN HEALTH EDUCATION	833	-	-	-
3409	STUDY GROUP ON HEALTH EDUCATION AND PLANNING	1,057	-	-	-
3500	HEALTH STATISTICS	14	-	351	307
3503	HEALTH STATISTICS -- ZONE III	4,271	4,946	4,782	4,973
3516	REGIONAL SEMINAR ON DATA PROCESSING	-	619	-	-
3600	ADMINISTRATIVE METHODS AND PRACTICES IN PUBLIC HEALTH	1,591	1,531	1,566	2,206
3603	ADMINISTRATIVE METHODS AND PRACTICES - ZONE III	3,752	3,296	3,429	3,562
3607	MANAGEMENT OF HEALTH SERVICES	-	-	5,093	5,093
3700	HEALTH PLANNING	2,096	4,191	3,903	4,074
3703	HEALTH PLANNING - ZONE III	3,646	3,521	3,654	3,787
3715	PAN AMERICAN PROGRAM FOR HEALTH PLANNING	3,347	10,129	8,061	7,593
4100	MATERNAL AND CHILD HEALTH	63	400	437	1,445
4103	MATERNAL AND CHILD HEALTH -- ZONE III	2,115	2,657	2,958	3,665
4108	CLINICAL AND SOCIAL PEDIATRICS	775	1,335	1,335	1,335
4115	NURSING-MIDWIFERY EDUCATION	610	-	-	-
4116	FACULTY TRAINING IN MATERNAL AND CHILD HEALTH	-	-	2,263	-
4117	STAFFING MATERNAL AND CHILD HEALTH SERVICES	-	286	286	-
4118	STUDY GROUP ON GUIDE FOR NURSING-MIDWIFERY SERVICES	-	-	-	1,267
4119	MATERNAL AND CHILD HEALTH FELLOWSHIPS	-	1,656	709	885
4200	NUTRITION ADVISORY SERVICES	256	388	590	601
4203	INSTITUTE OF NUTRITION OF CENTRAL AMERICA AND PANAMA	254,988	216,948	214,040	222,107
4211	RESEARCH IN PROTEIN-CALORIE MALNUTRITION	-	-	269	269
4221	SEMINAR ON NUTRITION IN FOOD AND HEALTH POLICIES	144	-	200	200
4230	NUTRITION TRAINING	648	704	731	919
4233	NUTRITION TEACHING IN MEDICAL SCHOOLS	-	-	572	572
4300	MENTAL HEALTH	166	180	270	450
4311	STUDY GROUP ON ADM. OF PSYCHIATRIC & MENTAL HEALTH SERVICES	745	-	-	-
4312	COURSES IN COMMUNITY PSYCHIATRY	-	-	432	-
4313	PSYCHIATRIC NURSING	-	-	2,640	-
4314	EPIDEMIOLOGICAL STUDY ON EPILEPSY	-	-	2,380	2,380
4400	DENTAL HEALTH	628	550	550	925

## GUATEMALA - PORTIONS OF INTERCOUNTRY PROJECTS . . . CONTINUED

4409	FLUORIDATION	3,741	- 3,551	3,281	3,178
4412	SEMINAR ON IMPLEMENTATION OF DENTAL HEALTH PROGRAMS	-	-	-	909
4500	HEALTH ASPECTS OF RADIATION	-	-	-	845
4507	RADIATION HEALTH PROTECTION	1,423	1,339	1,370	1,401
4700	FOOD AND DRUG CONTROL	910	966	1,001	1,038
4703	FOOD REFERENCE LABORATORY - ZONE III	5,503	7,578	8,297	8,644
4708	FOOD HYGIENE TRAINING CENTER	-	-	1,274	1,834
4710	FOOD AND DRUG ADMINISTRATION -- ZONE III	458	540	540	540
4711	FOOD AND DRUG CONTROL SEMINAR	-	742	-	-
4800	MEDICAL CARE SERVICES	1,013	859	1,196	1,217
4803	MEDICAL CARE SERVICES -- ZONE III	3,746	3,821	3,954	4,087
4810	CHRONIC DISEASES	1,007	1,240	1,293	1,347
4813	HOSPITAL PLANNING AND ADMINISTRATION	153	268	2,441	2,483
4815	TRAINING FOR MEDICAL CARE AND HOSPITAL ADMINISTRATION	165	202	1,099	1,284
4819	SEMINAR ON CANCER REGISTRATION	639	-	-	-
4900	HEALTH AND POPULATION DYNAMICS	8,768	19,595	18,049	13,822
5000	REHABILITATION	740	1,675	2,473	2,438
5007	TEACHING OF PHYSIOTHERAPY	2,117	-	-	-
5008	SEMINAR ON REHABILITATION	-	1,245	-	-
6000	MEDICAL EDUCATION - TEXTBOOKS AND TEACHING	2,331	1,100	1,100	1,321
6200	MEDICAL EDUCATION	2,705	2,430	2,345	2,418
6210	TEACHING METHODS AND ADMIN ORGANIZATION OF MED SCHOOLS	2,246	4,383	4,893	5,111
6214	FACULTY TRAINING FOR MEDICAL SCHOOLS	-	1,770	-	-
6216	PREVENTIVE MEDICINE EDUCATION	2,874	2,126	1,717	1,790
6221	LIBRARY OF MEDICINE	-	-	7,230	9,508
6222	SEMINAR ON TEACHING PREVENTIVE AND SOCIAL MEDICINE	-	959	-	-
6223	TEACHING OF BEHAVIORAL SCIENCES	341	528	7,528	7,528
6224	FACULTY AND RESEARCH TRAINING CENTERS	-	1,152	911	911
6225	SURVEY OF FELLOWSHIP PROGRAMS	-	-	259	-
6226	COMMUNITY-CENTERED RESEARCH IN MEDICAL EDUCATION	-	-	-	1,038
6300	NURSING EDUCATION	526	214	214	336
6317	SEMINAR ON NURSING EDUCATION	-	-	1,967	1,967
6319	TRAINING OF NURSING AUXILIARIES	-	1,434	1,699	2,143
6400	SANITARY ENGINEERING EDUCATION	643	557	562	584
6412	MANAGEMENT AND ADMINISTRATION OF SCHOOLS OF ENGINEERING	-	-	-	1,370
6500	VETERINARY MEDICINE EDUCATION	-	403	403	434
6600	DENTAL EDUCATION	715	323	636	653
6608	TRAINING OF AUXILIARY DENTAL PERSONNEL	165	297	297	567
6609	LATIN AMERICAN ASSOCIATION OF DENTAL SCHOOLS	120	120	120	120
6700	BIOSTATISTICS EDUCATION	300	1,020	1,020	1,020
6707	LATIN AMERICAN CENTER FOR THE CLASSIFICATION OF DISEASES	880	1,011	1,186	1,214
6708	TRAINING PROGRAM IN HOSPITAL STATISTICS	985	1,530	1,687	1,769
6709	RESEARCH TRAINING PROGRAMS IN HEALTH AND POPULATION	1,455	-	-	-

## GUATEMALA

## SUMMARY OF INVESTMENTS BY SOURCE OF FUNDS

SOURCE OF FUNDS	*-----COUNTRY PROJECTS-----*				*-----PORTIONS OF INTER-COUNTRY PROJECTS-----*			
	1969	1970	1971	1972	1969	1970	1971	1972
TOTAL FUNDS	293,096	342,034	345,705	357,704	473,175	498,577	531,248	558,122
PR PAHO REGULAR	59,130	93,046	94,522	122,470	179,336	201,870	249,108	257,108
PM PAHO SPECIAL MALARIA	46,527	23,343	24,124	-	41,407	61,566	33,079	53,841
PG PAHO GRANTS & OTHER CONTRIB.	23,621	77,674	73,013	77,293	144,528	123,732	107,614	100,132
PI INCAP AND RELATED GRANTS	-	-	-	-	70,171	65,771	65,769	65,769
WP WHO REGULAR	55,152	111,371	117,446	121,341	32,319	34,162	53,404	59,404
WA MALARIA ERADICATION SPEC. ACC.	86,257	-	-	-	-	-	-	-
WT WHO TECHNICAL ASSISTANCE	22,409	36,600	36,600	36,600	2,245	2,164	15,020	15,020
WS UNITED NATIONS SPECIAL FUND	-	-	-	-	3,058	9,197	7,129	6,711
WD WHO GRANTS & OTHER FUNDS	-	-	-	-	111	115	125	137

SOURCE OF FUNDS	*-----TOTAL ALL PROJECTS-----*			
	1969	1970	1971	1972
TOTAL FUNDS	766,271	840,611	876,953	915,826
PR PAHO REGULAR	238,466	294,916	343,630	379,578
PM PAHO SPECIAL MALARIA	87,934	84,909	57,203	53,841
PG PAHO GRANTS & OTHER CONTRIB.	168,149	201,406	180,627	177,425
PI INCAP AND RELATED GRANTS	70,171	65,771	65,769	65,769
WP WHO REGULAR	87,471	145,533	170,850	180,745
WA MALARIA ERADICATION SPEC. ACC.	86,257	-	-	-
WT WHO TECHNICAL ASSISTANCE	24,654	38,764	51,620	51,620
WS UNITED NATIONS SPECIAL FUND	3,058	9,197	7,129	6,711
WD WHO GRANTS & OTHER FUNDS	111	115	125	137

## HONDURAS

## PROGRAM BUDGET

1969		1970			1971		1972	
AMOUNT	PERCENT	AMOUNT	PERCENT		AMOUNT	PERCENT	AMOUNT	PERCENT
\$		\$			\$		\$	
213,988	29.0	213,007	28.4	I. PROTECTION OF HEALTH	231,800	31.9	226,916	30.6
135,374	18.4	149,246	19.9	A. COMMUNICABLE DISEASES	162,049	22.3	151,882	20.5
4,666	.6	4,560	.6	0100 GENERAL	4,764	.7	6,372	.9
113,561	15.4	123,366	16.5	0200 MALARIA	137,153	17.9	119,539	16.1
4,734	.7	6,346	.9	0400 TUBERCULOSIS	13,145	1.8	8,663	1.2
652	.1	939	.1	0500 LEPROSY	1,054	.2	1,210	.2
74	*	306	*	0600 VENEREAL DISEASES	108	*	324	*
11,464	1.6	13,515	1.8	0700 ZOOSES	12,573	1.7	15,234	2.0
223	*	214	*	1000 PARASITIC DISEASES	252	*	540	.1
78,614	10.6	63,761	8.5	B. ENVIRONMENTAL HEALTH	69,751	9.6	75,034	10.1
17,798	2.4	16,822	2.3	2100 GENERAL	19,153	2.6	21,016	2.8
37,839	5.1	36,755	4.9	2200 WATER SUPPLIES	49,073	5.5	43,377	5.8
22,196	3.0	9,095	1.2	2300 AEGYPTI ERADICATION	9,400	1.3	9,478	1.3
781	.1	1,089	.1	2400 HOUSING	1,125	.2	1,163	.2
491,051	66.5	489,796	65.7	II. PROMOTION OF HEALTH	432,163	59.4	447,286	60.1
159,193	21.5	199,328	26.7	A. GENERAL SERVICES	105,309	14.5	113,399	15.2
124,422	16.9	140,583	18.8	3100 GENERAL PUBLIC HEALTH	39,391	5.4	49,174	6.6
9,979	1.4	22,732	3.0	3200 NURSING	22,100	3.0	19,462	2.6
3,819	.5	6,370	.9	3300 LABORATORY	6,842	1.0	7,038	.9
1,808	.2	1,365	.2	3400 HEALTH EDUCATION	1,583	.2	1,557	.2
4,688	.6	5,565	.7	3500 STATISTICS	9,491	1.3	9,639	1.3
5,388	.7	4,874	.7	3600 ADMINISTRATIVE METHODS	10,285	1.4	11,078	1.5
9,089	1.2	17,839	2.4	3700 HEALTH PLANNING	15,617	2.2	15,451	2.1
331,858	45.0	290,468	39.0	B. SPECIFIC PROGRAMS	326,854	44.9	333,887	44.9
6,440	.9	11,696	1.6	4100 MATERNAL AND CHILD HEALTH	13,425	1.9	14,130	1.9
256,027	34.7	218,034	29.2	4200 NUTRITION	240,399	33.0	248,662	33.5
911	.1	180	*	4300 MENTAL HEALTH	2,985	.4	1,805	.2
3,741	.5	3,551	.5	4400 DENTAL HEALTH	4,681	.6	4,578	.6
1,382	.2	1,301	.2	4500 RADIATION AND ISOTOPES	1,331	.2	2,206	.3
1,318	.2	1,637	.2	4600 OCCUPATIONAL HEALTH	1,908	.3	1,972	.3
6,869	.9	9,083	1.2	4700 FOOD AND DRUG	11,111	1.5	12,056	1.6
46,400	6.3	27,372	3.7	4800 MEDICAL CARE	35,075	4.8	35,744	4.8
8,030	1.1	14,696	2.0	4900 HEALTH AND POPULATION DYNAMICS	13,537	1.9	10,366	1.4
740	.1	2,918	.4	5000 REHABILITATION	2,402	.3	2,368	.3
33,602	4.5	44,284	5.9	III. DEVELOPMENT OF EDUCATIONAL INSTITUTIONS	63,874	8.7	69,178	9.3
8,588	1.2	15,993	2.1	6200 MEDICINE	27,770	3.8	31,226	4.2
18,775	2.5	18,152	2.4	6300 NURSING	25,150	3.5	26,528	3.6
3,196	.4	5,958	.8	6400 ENVIRONMENTAL SCIENCES	6,128	.8	6,201	.8
880	.1	620	.1	6600 DENTISTRY	933	.1	1,220	.2
2,163	.3	3,561	.5	6700 BIOSTATISTICS	3,893	.5	4,003	.5
738,641	100.0	747,087	100.0	GRAND TOTAL	727,837	100.0	743,380	100.0

\* LESS THAN .05 PERCENT

## HONDURAS

## SUMMARY OF INVESTMENT

SOURCE OF FUNDS	TOTAL AMOUNT	PERSONNEL			AMOUNT	TRAVEL AMOUNT	FELLOWSHIPS		AMOUNT	PART.	AMOUNT	SUPPLIES AND EQUIPMENT	GRANTS AND OTHER
		POSTS PROF.	LOCAL	STC MONTH			ACAD.	SHORT					
	\$				\$	\$			\$	\$	\$	\$	
1969													
PAHO---PR	259,278	3	-	3	182,334	15,529	-	-	5,435	-	5,709	21,790	28,481
PM	60,494	2	-	-	36,463	2,696	-	-	-	-	-	21,245	90
PG	137,346	-	-	-	66,912	4,862	-	-	7,288	-	1,984	13,735	42,565
PI	70,171	-	-	-	26,500	763	-	-	480	-	-	11,693	30,735
WHO---WR	193,656	2	-	2	52,227	6,651	15	8	78,369	-	1,972	52,433	2,004
WT	14,527	1	-	3	12,895	1,332	-	-	-	-	-	-	300
WS	3,058	-	-	-	2,289	181	-	-	-	-	-	410	178
WO	111	-	-	-	111	-	-	-	-	-	-	-	-
TOTAL	738,641	8	-	8	379,731	32,014	15	8	91,572	-	9,665	121,306	104,353
PER CENT OF TOTAL	100.0				51.4	4.4			12.4		1.3	16.4	14.1
1970													
PAHO---PR	263,126	3	-	4	195,793	16,562	-	-	6,514	-	3,850	3,246	37,161
PM	52,797	-	-	-	21,957	1,840	-	-	-	-	-	16,360	12,640
PG	212,336	-	-	-	61,748	4,229	-	-	9,655	-	2,330	109,858	24,516
PI	65,766	-	-	-	42,007	2,141	-	-	600	-	-	5,750	15,268
WHO---WR	117,588	2	-	4	68,749	6,648	4	1	19,251	-	4,269	17,005	1,666
WT	26,164	1	-	-	23,826	1,566	-	-	384	-	-	88	300
WS	9,195	-	-	-	6,966	240	-	-	-	-	-	1,627	362
WO	115	-	-	-	115	-	-	-	-	-	-	-	-
TOTAL	747,087	6	-	8	421,161	33,226	4	1	36,404	-	10,449	153,934	91,913
PER CENT OF TOTAL	100.0				56.4	4.4			4.9		1.4	20.6	12.3
1971													
PAHO---PR	313,339	3	-	4	224,079	18,048	1	1	12,110	-	3,149	20,385	35,568
PM	33,079	-	-	-	17,049	1,200	-	-	-	-	-	1,074	13,756
PG	104,096	-	-	-	60,883	4,180	-	-	8,442	-	78	7,569	22,944
PI	65,767	-	-	-	43,662	2,141	-	-	600	-	-	5,000	14,364
WHO---WR	141,132	2	-	6	81,652	7,048	4	5	26,358	-	6,744	17,419	1,911
WT	63,170	2	-	-	52,751	3,410	-	-	6,323	-	-	386	300
WS	7,129	-	-	-	5,976	240	-	-	-	-	-	509	404
WO	125	-	-	-	125	-	-	-	-	-	-	-	-
TOTAL	727,837	7	-	10	486,177	36,267	5	6	53,833	-	9,971	52,342	89,247
PER CENT OF TOTAL	100.0				66.8	5.0			7.4		1.4	7.2	12.2
1972													
PAHO---PR	321,358	3	-	4	239,510	18,343	1	1	9,518	-	6,326	7,316	40,345
PM	53,840	-	-	-	18,241	1,200	-	-	-	-	-	19,408	14,991
PG	97,721	-	-	-	62,607	3,880	-	-	6,142	-	116	6,354	18,622
PI	65,768	-	-	-	45,318	2,141	-	-	600	-	-	4,334	13,375
WHO---WR	134,675	1	-	9	74,449	4,875	4	4	29,486	-	7,008	17,678	1,179
WT	63,170	2	-	-	52,751	3,410	-	-	6,323	-	-	386	300
WS	6,711	-	-	-	5,640	240	-	-	-	-	-	455	376
WO	137	-	-	-	137	-	-	-	-	-	-	-	-
TOTAL	743,380	6	-	13	498,653	34,089	5	5	52,069	-	13,450	55,931	89,188
PER CENT OF TOTAL	100.0				67.1	4.6			7.0		1.8	7.5	12.0
PAHO PR-REGULAR BUDGET PM-SPECIAL FUND FOR MALARIA ERADICATION PW-COMMUNITY WATER SUPPLY PG-GRANTS AND OTHER CONTRIBUTIONS PI-INCAP AND OTHER RELATED GRANTS													
WHO WR-REGULAR BUDGET WA-MALARIA ERADICATION SPECIAL ACCOUNT WT-UNITED NATIONS TECHNICAL ASSISTANCE WS-UNITED NATIONS SPECIAL FUND WO-GRANTS AND OTHER FUNDS													

## DETAIL

HONDURAS-0200, MALARIA, ERADICATION

CONDUCT OF TOTAL COVERAGE OPERATIONS OF THE MALARIA ERADICATION PROGRAM WAS BEGUN IN 1959. DIFFICULTIES OF A FINANCIAL NATURE WHICH LIMITED THE ACTIVITIES, PLUS THE DEVELOPMENT OF VECTOR RESISTANCE TO DDT IN CERTAIN AREAS OF THE COUNTRY, SLOWED DOWN PROGRESS. SINCE 1965 THERE HAS BEEN AN INCREASE IN THE NUMBER OF CASES. AS A COMPONENT OF THE REGIONAL CENTRAL AMERICAN PROGRAM, WITH INTERNATIONAL FINANCIAL ASSISTANCE, A TRIENNIAL PLAN OF OPERATIONS WAS BEGUN IN 1967 AND IT WAS NECESSARY TO REINCORPORATE SOME AREAS INTO THE ATTACK PHASE WHICH FORMERLY WERE IN THE PHASE OF CONSOLIDATION.

THE POPULATION OF THE ORIGINAL MALARIA AREA OF HONDURAS IS 2,113,000 PERSONS OR 87.3 PER CENT OF THE POPULATION OF THE COUNTRY. PRESENTLY 1,465,000 PEOPLE OR 69.3 PER CENT OF THE POPULATION OF THE MALARIA AREA LIVE IN AREAS IN THE ATTACK PHASE; THE REMAINDER ARE NOW IN THE CONSOLIDATION PHASE. IN 1969, 591,544 BLOOD SLIDES WERE EXAMINED; 29,584 WERE POSITIVE, WHICH IS AN INCREASE IN THE NUMBER OF CASES REPORTED IN 1968.

		FUND 1969	1970	1971	1972		FUND	1969	1970	1971	1972
		-----	-----	-----	-----	TOTAL	-----	-----	-----	-----	-----
		4	2	2	1		\$	\$	\$	\$	
TOTAL		4	2	2	1	TOTAL	66,116	59,239	57,911	39,924	
P-4 MEDICAL OFFICER 4.0934	WR	1	1	1	1	SUBTOTAL	PM 19,402	-	-	-	
P-4 SANITARY ENGINEER .0506	PM	1	-	-	-	PERSONNEL-POSTS	12,334	-	-	-	
P-1 SANITARIAN .0509	PM	1	-	-	-	DUTY TRAVEL	573	-	-	-	
P-1 SANITARIAN 4.0508	WR	1	1	1	-	SUPPLIES AND EQUIPMENT	6,495	-	-	-	
TOTAL		2	1	1	-	SUBTOTAL	WR 46,714	59,239	57,911	39,924	
FELLOWSHIPS-ACADEMIC	WR	2	-	-	-	PERSONNEL-POSTS	36,179	43,339	42,011	27,424	
FELLOWSHIPS-SHORT TERM	WR	-	1	1	-	DUTY TRAVEL	4,525	4,500	4,500	2,500	
						SUPPLIES AND EQUIPMENT	3,257	10,000	10,000	10,000	
						FELLOWSHIPS	2,753	1,400	1,400	-	

HONDURAS-0400, TUBERCULOSIS CONTROL

IN 1968 THE ORGANIZATION COLLABORATED WITH THE GOVERNMENT IN THE EVALUATION AND PLANNING OF AN ANTITUBERCULOSIS PROGRAM INTEGRATED WITH THE GENERAL HEALTH SERVICES OF THE COUNTRY. IN 1969 A PROGRESSIVE ANTITUBERCULOSIS PROGRAM WAS INITIATED AS PART OF BASIC HEALTH SERVICES BY THE SANITARY DISTRICT IN TEGUCIGALPA. DURING 1970-1972 GENERAL HEALTH SERVICES OF THE COUNTRY WILL GRADUALLY TAKE OVER ALL TUBERCULOSIS ACTIVITIES.

TOTAL		-	-	2	-	TOTAL	WR -	-	5,000	1,400	
CONSULTANT MONTHS	WR	-	-	2	-	PERSONNEL-CONSULTANTS	-	-	3,600	-	
TOTAL		-	-	1	1	FELLOWSHIPS	-	-	1,400	1,400	
FELLOWSHIPS-SHORT TERM	WR	-	-	1	1	EST. GOVERNMENT CONTRIB.			( 183,500)	( 203,500)	

HONDURAS-2200, WATER SUPPLIES

IN 1969, IT WAS ESTIMATED THAT 61 PER CENT OF THE URBAN POPULATION WAS BEING SERVED BY HOUSE CONNECTIONS AND 36 PER CENT BY PUBLIC HYDRANTS. NINETEEN PER CENT OF THE RURAL POPULATION WAS SERVED BY HOUSE CONNECTIONS OR PUBLIC HYDRANTS. THIS WAS CONSIDERABLY BETTER THAN THE 35 PER CENT OF THE URBAN AND 7 PER CENT OF THE RURAL POPULATION SERVED IN 1961.

THE GOVERNMENT HAS OBTAINED INTERNATIONAL LOANS AMOUNTING TO MORE THAN \$3.6 MILLION FOR EXPANSION OF THE WATER SYSTEM OF TEGUCIGALPA, BENEFITING A POPULATION OF 182,000, AS WELL AS FOR RURAL WATER SYSTEMS. THE TOTAL PROGRAM ENCOMPASSES THE CONSTRUCTION OF 100 AQUEDUCTS, EXPLOITATION OF UNDERGROUND WATER RESOURCES, AND COMPLETION OF LONG-TERM PLANS FOR THE CAPITAL AND THE RURAL AREA.

HONDURAS PLANS TO ALLOCATE AN ADDITIONAL \$8 MILLION DURING THE FOUR-YEAR PERIOD 1968-1971 TO SUPPLY 67 PER CENT OF THE URBAN POPULATION WITH WATER FROM HOUSE CONNECTIONS AND 18 PER CENT OF THE RURAL POPULATION FROM HOUSE CONNECTIONS OR PUBLIC HYDRANTS.

TOTAL		2	3	3	3	TOTAL	PR 2,534	5,400	5,400	5,400	
CONSULTANT MONTHS	PR	2	3	3	3	PERSONNEL-CONSULTANTS	2,534	5,400	5,400	5,400	
						EST. GOVERNMENT CONTRIB.		(4,000,000)	(4,500,000)	(5,000,000)	

HONDURAS-2300, AEDES AEGYPTI ERADICATION

IN 1968 REINFESTATION WITH AEDES AEGYPTI WAS FOUND IN NINE LOCALITIES IN THE NORTHERN PART OF THE COUNTRY. IN 1969 AN INCREASE WAS REPORTED IN THE NUMBER OF LOCALITIES REINFESTED, REACHING 30 IN THE FIRST QUARTER OF 1970 WITH AN ESTIMATED 48,000 HOUSES. THIS FIGURE INCLUDES ONE PLACE LOCATED IN THE WESTERN PART, ALSO FOUND REINFESTED.

IN 1968 THE ERADICATION CAMPAIGN WAS IMMEDIATELY RESUMED, BUT, BECAUSE OF THE SHORTAGE OF BUDGETARY FUNDS, ATTACK MEASURES ARE LIMITED TO THE SAN PEDRO SULA CITY. THE GOVERNMENT HOPES TO IMPROVE THE CAMPAIGN DURING THE PERIOD 1970-1972 FOR THE ENTIRE AREA AND TO INSPECT THE TOTALITY OF VULNERABLE LOCALITIES IN THE COUNTRY.

	FUND	1969	1970	1971	1972
		\$	\$	\$	\$
TOTAL		16,531	4,438	4,582	4,500
SUBTOTAL	PR	16,531	-	-	-
SUPPLIES AND EQUIPMENT		16,531	-	-	-
SUBTOTAL	WR	-	4,438	4,582	4,500
SUPPLIES AND EQUIPMENT		-	4,438	4,582	4,500
EST. GOVERNMENT CONTRIB.			( 168,000)	( 168,000)	( 100,000)

HONDURAS-3100, HEALTH SERVICES

THE PURPOSE OF THIS PROJECT IS TO DEVELOP AND EXTEND HEALTH SERVICES TO THE WHOLE COUNTRY, IN ACCORDANCE WITH A NATIONAL HEALTH PLAN DRAWN UP IN 1964. THE PLAN IS PART OF THE NATIONAL PLAN FOR SOCIAL AND ECONOMIC DEVELOPMENT.

THE PUBLIC HEALTH ADMINISTRATION HAS BEEN REORGANIZED; SEVEN HEALTH DISTRICTS HAVE BEEN ESTABLISHED AND SOME 71.7 PER CENT OF THE POPULATION IS COVERED BY 174 LOCAL HEALTH SERVICES. A PROGRAM FOR THE INTEGRATION OF MEDICAL CARE AND PREVENTIVE MEDICAL SERVICES IS BEING CARRIED OUT. FIVE HEALTH CENTERS HAVE BEEN INTEGRATED WITH REGIONAL HOSPITALS.

IN 1970-1972 IT IS INTENDED TO SET UP A NATIONAL HEALTH DIRECTORATE, COMPLETE THE INTEGRATION OF HOSPITALS WITH HEALTH CENTERS, CONSOLIDATE THE SEVEN HEALTH DISTRICTS, EXPAND HEALTH SERVICES TO COVER 85 PER CENT OF THE POPULATION, CONSTRUCT NEW HOSPITALS, AND CONTINUE THE TRAINING OF PERSONNEL. ENVIRONMENTAL SANITATION PROGRAMS WILL BE DEVELOPED IN SUCH FIELDS AS WASTE DISPOSAL, FOOD SANITATION, AND LATRINE CONSTRUCTION.

UNICEF COOPERATES IN THIS PROJECT.

TOTAL		3	3	3	3	TOTAL	127,544	74,478	76,387	87,296
P-5 PAHO/WHO REPRESENTATIVE .0511	PR	1	1	1	1	SUBTOTAL	52,495	50,478	52,387	54,296
P-4 SANITARY ENGINEER .0512	PR	1	1	1	1					
P-3 NURSE 4.0513	WT	1	1	1	1	PERSONNEL-POSTS	46,448	44,178	46,087	47,996
TOTAL		3	-	-	5	DUTY TRAVEL	2,741	3,000	3,000	3,000
CONSULTANT MONTHS	WR	-	-	-	5	COMMON SERVICES	3,306	3,300	3,300	3,300
CONSULTANT MONTHS	WT	3	-	-	-	SUBTOTAL	62,767	-	-	9,000
TOTAL		4	-	-	-	PERSONNEL-CONSULTANTS	-	-	-	9,000
FELLOWSHIPS-ACADEMIC	WR	4	-	-	-	SUPPLIES AND EQUIPMENT	46,405	-	-	-
						FELLOWSHIPS	16,362	-	-	-
						SUBTOTAL	12,282	24,000	24,000	24,000
						PERSONNEL-POSTS	8,490	22,500	22,500	22,500
						PERSONNEL-CONSULTANTS	2,645	-	-	-
						DUTY TRAVEL	1,147	1,500	1,500	1,500
						EST. GOVERNMENT CONTRIB.		(2,482,959)	(2,731,906)	(3,005,098)

HONDURAS-5102, FELLOWSHIPS

FELLOWSHIPS ARE PROVIDED IN ORDER TO TRAIN PERSONNEL FOR THE IMPROVEMENT AND EXPANSION OF HEALTH SERVICES IN THE COUNTRY.

. . . CONTINUED



HONDURAS-3102, FELLOWSHIPS . . . CONTINUED

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
						TOTAL		\$	*		
TOTAL		11	4	7	7	TOTAL	WR	27,139	16,000	20,200	20,200
FELLOWSHIPS-ACADEMIC	WR	4	4	4	4	FELLOWSHIPS		27,139	16,000	20,200	20,200
FELLOWSHIPS-SHORT TERM	WR	7	-	3	3						

HONDURAS-3104, EMERGENCY REHABILITATION PROGRAM

THE PURPOSE OF THIS PROJECT IS TO COOPERATE WITH THE GOVERNMENT IN THE REHABILITATION OF CERTAIN HEALTH SERVICES AND FACILITIES IN THE COUNTRY. THE ORGANIZATION OF AMERICAN STATES COOPERATES IN THIS PROJECT.

	TOTAL	PG	1969	1970	1971	1972
TOTAL		-	100,000	-	-	-
SUPPLIES AND EQUIPMENT		-	100,000	-	-	-

HONDURAS-3300, LABORATORY SERVICES

THE PURPOSE OF THIS PROJECT IS TO COLLABORATE IN THE ORGANIZATION OF A CENTRAL PUBLIC HEALTH LABORATORY IN TEGUCIGALPA, TO REGIONALIZE SERVICES BY ESTABLISHING REGIONAL LABORATORIES, TO MODERNIZE LABORATORY TECHNIQUES, AND TO TRAIN TECHNICAL PERSONNEL.

IN 1970 THE CENTRAL LABORATORY WILL BE ESTABLISHED; THE ORGANIZATION OF THE REGIONAL LABORATORY AT SAN PEDRO SULA WILL BE CONTINUED; AND THE TRAINING OF PERSONNEL WILL BEGIN.

FOR 1971-1972 THE PLAN IS TO CONTINUE DISTRICT SERVICES AND PERSONNEL TRAINING.

	TOTAL		1969	1970	1971	1972
TOTAL		PR	-	-	1,900	1,900
FELLOWSHIPS-SHORT TERM	PR	-	-	1	1	
SUPPLIES AND EQUIPMENT		-	-	500	500	
FELLOWSHIPS		-	-	1,400	1,400	
EST. GOVERNMENT CONTRIB.				( 40,000)	( 50,000)	

HONDURAS-4200, NUTRITION

THE PURPOSE OF THIS PROJECT IS THE DEVELOPMENT OF A NATIONAL APPLIED NUTRITION PROGRAM, WITH EMPHASIS IN ITS INITIAL PHASE ON THE CREATION OF REHABILITATION SERVICES AND COORDINATION OF THE ACTIVITIES OF THE NATIONAL NUTRITION COUNCIL RECENTLY CREATED TO ESTABLISH A NATIONAL FOOD AND NUTRITION POLICY. FOR 1970-1972 CREATION OF TEN RECUPERATION SERVICES ANNUALLY IS PLANNED, AS WELL AS TRAINING OF PERSONNEL IN SHORT COURSES.

THIS PROJECT IS CARRIED OUT UNDER THE TECHNICAL SUPERVISION OF INCAP, MAKING FULL USE OF ITS PERSONNEL AND RESOURCES. FAO AND UNICEF ALSO COOPERATE IN THIS PROJECT.

	TOTAL		1969	1970	1971	1972
TOTAL		WT	-	-	74,000	24,000
P-4 NUTRITIONIST 4.3281	WT	-	-	1	1	
PERSONNEL-POSTS		-	-	22,500	22,500	
DUTY TRAVEL		-	-	1,500	1,500	
EST. GOVERNMENT CONTRIB.				( 50,000)	( 60,000)	

HONDURAS-4800, MEDICAL CARE SERVICES

IN ACCORDANCE WITH THE CURRENT NATIONAL HEALTH PLAN, THE MINISTRY OF HEALTH IS PLANNING TO RAISE THE RATIO OF HOSPITAL BEDS FROM 1.9 PER THOUSAND TO 2.5 PER THOUSAND THROUGH THE CONSTRUCTION OF NEW HOSPITALS, AND TO COORDINATE THIS PROGRAM WITH THAT OF THE HONDURAN SOCIAL SECURITY INSTITUTE.

IN ADDITION, THE CHILDREN'S HOSPITAL WILL BE ENLARGED TO 450 BEDS IN 1970. IT WILL BECOME A TEACHING GENERAL HOSPITAL AND WILL BE USED FOR TEACHING MEDICAL STUDENTS AND STUDENT NURSES.

IN 1970 AND 1971 NEW HOSPITALS IN THE DISTRICT OF YORO AND TELA WILL BEGIN SERVICE, AND REGIONAL HOSPITALS ARE TO BE CONSTRUCTED IN SAN PEDRO SULA, CEIBA, AND COMAYAGUA.

. . . CONTINUED

HONDURAS-4800, MEDICAL CARE SERVICES . . . CONTINUED

<u>FUND 1969 1970 1971 1972</u>					<u>FUND 1969 1970 1971 1972</u>						
<u>-----</u>					<u>-----</u>						
					<u>\$ \$ \$ \$</u>						
TOTAL		2	2	2	2	TOTAL	WR	29,798	3,600	3,600	3,600
CONSULTANT MONTHS	WR	2	2	2	2	PERSONNEL-CONSULTANTS		2,509	3,600	3,600	3,600
TOTAL		6	-	-	-	FELLOWSHIPS		27,289	-	-	-
FELLOWSHIPS-ACADEMIC	WR	5	-	-	-	EST. GOVERNMENT CONTRIB.			(3,135,355)	(3,535,000)	(3,835,000)
FELLOWSHIPS-SHORT TERM	WR	1	-	-	-						

HONDURAS-6200, MEDICAL EDUCATION

THE NEW LAW GOVERNING THE NATIONAL AUTONOMOUS UNIVERSITY OF HONDURAS PROVIDES FOR THE INTEGRATION OF ALL THE FACULTIES RELATED TO HEALTH INTO A SINGLE DIVISION. THIS NEW STRUCTURE WILL RESULT IN REVISED PLANS OF STUDY. THE PURPOSE OF THIS PROJECT IS TO COOPERATE IN THIS REVISION WITH PARTICULAR EMPHASIS ON ASSISTANCE TO THE DEPARTMENT OF MEDICAL SCIENCES.

TOTAL		-	2	2	2	TOTAL	WR	-	3,600	3,600	3,600
CONSULTANT MONTHS	WR	-	2	2	2	PERSONNEL-CONSULTANTS		-	3,600	3,600	3,600
						EST. GOVERNMENT CONTRIB.			( 435,394)	( 465,394)	( 495,395)

HONDURAS-6300, NURSING EDUCATION

HONDURAS HAS APPROXIMATELY 318 NURSES. RECENT STUDIES PERFORMED IN THE COUNTRY REVEALED THAT THERE IS AN URGENT NEED FOR INCREASING THE NUMBER OF NURSES. THERE ARE TWO SCHOOLS OF NURSING IN HONDURAS, A THREE-YEAR HOSPITAL SCHOOL OF NURSING AND THE UNIVERSITY SCHOOL OF NURSING IN TEGUCIGALPA.

THIS PROJECT WAS UNDERTAKEN IN ORDER TO COOPERATE IN THE SOLUTION OF THE LACK OF NURSES FOR THE NEEDS OF HEALTH SERVICES. IN ORDER TO ATTAIN THE PROPOSED OBJECTIVES, ASSISTANCE HAS BEEN MADE AVAILABLE IN 1) IMPROVING THE PROGRAMS OF STUDY OF THE TWO SCHOOLS OF NURSING; 2) ESTABLISHING POST-BASIC STUDIES IN THE UNIVERSITY FOR GRADUATE NURSES WISHING TO OBTAIN "LICENCIATURA"; AND 3) ORGANIZING UNIVERSITY EXTENSION COURSES ON NURSING ADMINISTRATION, SUPERVISION, AND PSYCHIATRIC NURSING FOR GRADUATE NURSES.

TOTAL		1	1	1	1	TOTAL	PR	18,051	16,424	21,190	21,956
P-3 NURSE EDUCATOR	PR	1	1	1	1	PERSONNEL-POSTS		17,324	15,524	16,290	17,056
.2030						DUTY TRAVEL		325	400	400	400
TOTAL		-	-	1	1	SUPPLIES AND EQUIPMENT		402	500	500	500
FELLOWSHIPS-ACADEMIC	PR	-	-	1	1	FELLOWSHIPS		-	-	4,000	4,000
						EST. GOVERNMENT CONTRIB.			( 93,500)	( 93,500)	( 113,500)

HONDURAS-6400, SANITARY ENGINEERING EDUCATION

THE PURPOSE OF THIS PROJECT IS TO ASSIST THE NATIONAL UNIVERSITY WITH SHORT INTENSIVE COURSES FOR PERSONNEL WORKING ON WATER SUPPLY AND GENERAL SANITATION PROGRAMS; TO ASSIST THE NATIONAL SERVICE OF AQUEDUCTS AND SEWERAGE ON WATER SUPPLY PROBLEMS; AND TO ASSIST THE MINISTRY OF PUBLIC HEALTH WITH RESEARCH ON PROBLEMS OF INDUSTRIAL WASTE DISPOSAL FROM THE CITIES OF TEGUCIGALPA AND SAN PEDRO SULA. ONE SHORT COURSE IS PLANNED FOR EACH YEAR.

TOTAL		1	1	1	1	TOTAL	PR	2,553	4,900	4,900	4,900
CONSULTANT MONTHS	PR	1	1	1	1	PERSONNEL-CONSULTANTS		893	1,800	1,800	1,800
						GRANTS		1,660	3,100	3,100	3,100
						EST. GOVERNMENT CONTRIB.			( 9,820)	( 9,820)	( 9,820)

HONDURAS				
PORTIONS OF INTERCOUNTRY PROJECTS				
	1969	1970	1971	1972
	\$	\$	\$	\$
<b>TOTAL AMRO PROJECTS</b>	<b>448,375</b>	<b>459,008</b>	<b>499,167</b>	<b>524,704</b>
0103 EPIDEMIOLOGY -- ZONE III	4,666	4,560	4,764	4,971
0111 EPIDEMIOLOGICAL SURVEILLANCE PROGRAM	-	-	-	1,401
0200 MALARIA TECHNICAL ADVISORY SERVICES	2,589	2,251	2,388	2,575
0203 MALARIA TECHNICAL ADVISORY SERVICES -- ZONE III	17,370	15,739	17,447	18,278
0216 RESEARCH IN EPIDEMIOLOGY OF MALARIA ERADICATION	26,006	44,295	49,649	53,840
0217 FIELD INVESTIGATION OF MASS DRUG TREATMENT	209	-	-	-
0218 PROMOTION OF RURAL HLTH SERV AND ERADICATION CAMPAIGNSNS	1,271	974	1,102	2,231
0219 DATA PROCESSING & OPERATIONS RESEARCH IN MALARIA ERADICATION	-	868	1,656	2,691
0403 TUBERCULOSIS CONTRL -- ZONE III	3,665	3,146	3,271	3,395
0408 SEMINAR ON TUBERCULOSIS CONTROL	-	-	1,006	-
0409 COURSES ON TUBERCULOSIS - EPIDEMIOLOGY	632	1,726	2,167	2,167
0410 COURSES ON TUBERCULOSIS - BACTERIOLOGY	437	1,474	1,701	1,701
0500 LEPROSY CONTROL	652	939	1,054	1,210
0600 VENEREAL DISEASE CONTROL	74	306	108	324
0700 PAN AMERICAN ZOONOSES CENTER - RAMOS MEJIA	7,738	8,499	8,479	9,366
0703 VETERINARY PUBLIC HEALTH -- ZONE III	3,726	3,978	4,094	4,133
0713 SEMINAR ON ANIMAL TUBERCULOSIS	-	1,038	-	-
0714 SYMPOS ON THE HLTH ASPECTS OF THE INTERNAL MOVMT OF ANIMALS	-	-	-	1,026
0718 SEMINAR ON EPIDEMIOLOGY OF THE ZOONOSES	-	-	-	709
1008 CHAGAS' DISEASE	223	214	252	540
2100 ENVIRONMENTAL SANITATION	134	351	351	599
2103 SANITARY ENGINEERING -- ZONE III	7,646	3,979	4,961	5,295
2108 SEMINAR ON SANITARY ENGINEERING -- ZONE III	329	-	-	-
2114 PAN AMERICAN SANITARY ENGINEERING CENTER	4,781	8,231	10,428	11,146
2116 CONFERENCE ON INTEGRATION OF ENVIRONMENTAL PROGRAMS	-	-	-	544
2200 WATER SUPPLIES	4,562	2,095	3,286	3,491
2203 WATER SUPPLIES -- ZONE III	14,741	12,109	13,273	13,911
2213 STUDIES AND INVESTIGATIONS OF WATER RESOURCES	1,945	1,144	1,379	1,379
2214 SEMINAR ON WATER POLLUTION CONTROL	-	832	-	-
2215 APPLIED RESEARCH ON WATER SUPPLIES	347	-	150	300
2220 PUBLIC SERVICES ADMINISTRATION	-	1,981	2,118	2,268
2222 SEMINAR ON LOANS & PROJECT DEVELOPMENT	-	-	-	970
2223 SEMINARS ON PUBLIC SERVICES ADMINISTRATION	-	-	-	466
2303 AEDES AEGYPTI ERADICATION--ZONE III	5,665	4,657	4,818	4,978
2400 PUBLIC HEALTH ASPECTS OF HOUSING AND URBANIZATION	717	210	218	227
3110 COORDINATION OF INTERNATIONAL RESEARCH	2,021	1,247	1,364	1,974
3124 APPLICATION OF DATA PROCESSING TO HEALTH ADMINISTRATION	404	-	-	-
3125 SPECIAL SEMINARS IN ZONE III	-	2,505	2,505	2,505
3129 RESEARCH TRAINING IN BIOMEDICAL SCIENCES	-	1,696	1,696	848
3130 CONFERENCE ON MYCOLOGY	-	1,130	-	-
3200 NURSING SERVICES	245	861	918	1,202
3203 NURSING -- ZONE III	6,785	7,712	8,067	8,427
3210 HOSPITAL NURSING SERVICES	24	929	1,137	1,202
3211 SEMINAR ON PLANNING FOR NURSING	713	-	1,070	-
3213 SEMINAR ON ADMINISTRATION OF NURSING SERVICES	-	-	1,944	-
3300 LABORATORY SERVICES	425	496	515	515
3303 LABORATORY SERVICES -- ZONE III	3,394	3,671	3,804	3,937
3310 CONFERENCE ON VIRAL AND RICKETTSIAL VACCINES	-	1,405	-	-
3311 TRAINING LABORATORY PERSONNEL	-	798	623	666
3400 HEALTH EDUCATION	57	248	372	372
3407 COMMUNITY DEVELOPMENT TRAINING CENTER	1,225	1,117	1,211	1,185
3409 STUDY GROUP ON HEALTH EDUCATION AND PLANNING	526	-	-	-
3500 HEALTH STATISTICS	14	-	349	306
3503 HEALTH STATISTICS -- ZONE III	4,270	4,946	4,782	4,973
3515 CENTER FOR TRAINING IN USE OF COMPUTERS IN HEALTH STATISTICS	-	-	360	360
3516 REGIONAL SEMINAR ON DATA PROCESSING	-	619	-	-
3600 ADMINISTRATIVE METHODS AND PRACTICES IN PUBLIC HEALTH	1,637	1,578	1,613	2,273
3603 ADMINISTRATIVE METHODS AND PRACTICES - ZONE III	3,751	3,296	3,429	3,562
3607 MANAGEMENT OF HEALTH SERVICES	-	-	5,243	5,243
3700 HEALTH PLANNING	2,096	4,191	3,902	4,071
3703 HEALTH PLANNING - ZONE III	3,646	3,521	3,654	3,787
3715 PAN AMERICAN PROGRAM FOR HEALTH PLANNING	3,347	10,127	8,061	7,593
4100 MATERNAL AND CHILD HEALTH	63	399	436	1,444
4103 MATERNAL AND CHILD HEALTH -- ZONE III	2,115	2,657	2,958	3,665
4108 CLINICAL AND SOCIAL PEDIATRICS	775	1,335	1,335	1,335
4115 NURSING-MIDWIFERY EDUCATION	610	-	-	-

## HONDURAS - PORTIONS OF INTERCOUNTRY PROJECTS . . . CONTINUED

4116	FACULTY TRAINING IN MATERNAL AND CHILD HEALTH	-	-	2,263	-
4117	STAFFING MATERNAL AND CHILD HEALTH SERVICES	-	286	286	-
4118	STUDY GROUP ON GUIDE FOR NURSING-MIDWIFERY SERVICES	-	-	-	1,267
4119	MATERNAL AND CHILD HEALTH FELLOWSHIPS	-	1,656	708	885
4200	NUTRITION ADVISORY SERVICES	255	388	590	601
4203	INSTITUTE OF NUTRITION OF CENTRAL AMERICA AND PANAMA	254,980	216,942	214,038	222,102
4211	RESEARCH IN PROTEIN-CALORIE MALNUTRITION	-	-	269	269
4221	SEMINAR ON NUTRITION IN FOOD AND HEALTH POLICIES	144	-	199	199
4230	NUTRITION TRAINING	648	704	731	919
4233	NUTRITION TEACHING IN MEDICAL SCHOOLS	-	-	572	572
4300	MENTAL HEALTH	166	180	180	450
4311	STUDY GROUP ON ADM. OF PSYCHIATRIC & MENTAL HEALTH SERVICES	745	-	-	-
4312	COURSES IN COMMUNITY PSYCHIATRY	-	-	-	740
4313	PSYCHIATRIC NURSING	-	-	2,805	-
4315	STUDY GROUP ON TRAINING PSYCHIATRISTS	-	-	-	615
4409	FLUORIDATION	3,741	3,551	3,281	3,178
4500	HEALTH ASPECTS OF RADIATION	-	-	-	845
4507	RADIATION HEALTH PROTECTION	1,382	1,301	1,331	1,361
4700	FOOD AND DRUG CONTROL	909	966	1,001	1,038
4703	FOOD REFERENCE LABORATORY - ZONE III	5,503	7,577	8,296	8,644
4708	FOOD HYGIENE TRAINING CENTER	-	-	1,274	1,834
4710	FOOD AND DRUG ADMINISTRATION -- ZONE III	457	540	540	540
4900	MEDICAL CARE SERVICES	1,538	835	1,162	1,182
4903	MEDICAL CARE SERVICES -- ZONE III	3,746	3,821	3,954	4,087
4810	CHRONIC DISEASES	1,007	1,240	1,293	1,347
4813	HOSPITAL PLANNING AND ADMINISTRATION	2,320	268	2,372	2,412
4815	TRAINING FOR MEDICAL CARE AND HOSPITAL ADMINISTRATION	161	201	1,097	1,261
4819	SEMINAR ON CANCER REGISTRATION	637	-	-	-
4900	HEALTH AND POPULATION DYNAMICS	6,575	14,696	13,537	10,366
5000	REHABILITATION	740	1,673	2,402	2,368
5008	SEMINAR ON REHABILITATION	-	1,245	-	-
6000	MEDICAL EDUCATION- TEXTBOOKS AND TEACHING MATERIALS	423	198	199	238
6200	MEDICAL EDUCATION	2,704	2,429	2,345	2,418
6210	TEACHING METHODS AND ADMIN ORGANIZATION OF MED SCHS	2,246	4,383	4,893	5,111
6214	FACULTY TRAINING FOR MEDICAL SCHOOLS	-	1,770	-	-
6216	PREVENTIVE MEDICINE EDUCATION	2,874	2,126	1,717	1,789
6221	LIBRARY OF MEDICINE	-	-	7,229	9,505
6222	SEMINAR ON TEACHING PREVENTIVE AND SOCIAL MEDICINE	-	959	-	-
6223	TEACHING OF BEHAVIORAL SCIENCES	341	528	7,528	7,528
6225	SURVEY OF FELLOWSHIP PROGRAMS	-	-	259	-
6226	COMMUNITY-CENTERED RESEARCH IN MEDICAL EDUCATION	-	-	-	1,037
6300	NURSING EDUCATION	724	294	294	462
6317	SEMINAR ON NURSING EDUCATION	-	-	1,967	1,967
6319	TRAINING OF NURSING AUXILIARIES	-	1,434	1,699	2,143
6400	SANITARY ENGINEERING EDUCATION	643	556	562	584
6600	DENTAL EDUCATION	715	323	636	653
6608	TRAINING OF AUXILIARY DENTAL PERSONNEL	165	297	297	567
6700	BIOSTATISTICS EDUCATION	300	1,020	1,020	1,020
6707	LATIN AMERICAN CENTER FOR THE CLASSIFICATION OF DISEASES	879	1,011	1,186	1,214
6708	TRAINING PROGRAM IN HOSPITAL STATISTICS	984	1,530	1,687	1,769
6709	RESEARCH TRAINING PROGRAMS IN HEALTH AND POPULATION	1,455	-	-	-

HONDURAS  
SUMMARY OF INVESTMENTS BY SOURCE OF FUNDS

SOURCE OF FUNDS	*-----COUNTRY PROJECTS-----*				*-----PORTIONS OF INTER-COUNTRY PROJECTS-----*			
	1969	1970	1971	1972	1969	1970	1971	1972
TOTAL FUNDS	290,266	288,079	228,670	218,676	448,375	459,008	489,167	524,704
PR PAHO REGULAR	92,164	77,202	85,777	88,452	167,114	185,924	227,562	232,906
PM PAHO SPECIAL MALARIA	19,402	-	-	-	41,092	92,797	33,079	53,840
PG PAHO GRANTS & OTHER CONTRIB.	-	100,000	-	-	137,346	112,336	104,096	97,721
PI INCAP AND RELATED GRANTS	-	-	-	-	70,171	65,766	65,767	65,768
WR WHO REGULAR	166,418	86,977	94,893	82,224	27,238	30,711	46,239	52,451
WT WHO TECHNICAL ASSISTANCE	12,282	24,000	48,000	48,000	2,245	2,164	15,170	15,170
WS UNITED NATIONS SPECIAL FUND	-	-	-	-	3,058	9,195	7,129	6,711
WC WHO GRANTS & OTHER FUNDS	-	-	-	-	111	115	125	137

SOURCE OF FUNDS	*-----TOTAL ALL PROJECTS-----*			
	1969	1970	1971	1972
TOTAL FUNDS	738,641	747,087	727,837	743,380
PR PAHO REGULAR	259,278	263,126	313,339	321,358
PM PAHO SPECIAL MALARIA	60,494	52,797	33,079	53,840
PG PAHO GRANTS & OTHER CONTRIB.	127,346	212,336	104,096	97,721
PI INCAP AND RELATED GRANTS	70,171	65,766	65,767	65,768
WR WHO REGULAR	193,656	117,588	141,132	134,675
WT WHO TECHNICAL ASSISTANCE	14,527	24,164	63,170	63,170
WS UNITED NATIONS SPECIAL FUND	3,058	9,195	7,129	6,711
WC WHO GRANTS & OTHER FUNDS	111	115	125	137



## NICARAGUA

## PROGRAM BUDGET

1 9 6 9		1 9 7 0			1 9 7 1		1 9 7 2	
AMOUNT	PERCENT	AMOUNT	PERCENT		AMOUNT	PERCENT	AMOUNT	PERCENT
\$		\$			\$		\$	
247,434	37.7	259,846	37.8	I. PROTECTION OF HEALTH	262,390	36.6	254,059	35.1
190,920	29.1	203,462	29.6	A. COMMUNICABLE DISEASES	199,807	27.8	185,820	25.7
4,665	.7	4,560	.7	0100 GENERAL	4,764	.7	6,372	.9
169,824	25.9	179,465	26.0	0200 MALARIA	172,678	24.0	153,042	21.0
4,023	.6	4,435	.7	0400 TUBERCULOSIS	6,986	1.0	7,749	1.1
652	.1	939	.1	0500 LEPROSY	1,054	.2	2,566	.4
73	*	306	.1	0600 VENEREAL DISEASES	108	*	324	.1
11,460	1.8	13,543	2.0	0700 ZOOZOSES	13,965	1.9	15,227	2.1
223	*	214	*	1000 PARASITIC DISEASES	252	*	540	.1
56,514	8.6	56,384	8.2	B. ENVIRONMENTAL HEALTH	62,583	8.8	68,239	9.4
17,131	2.6	19,334	2.8	2100 GENERAL	21,219	3.0	23,185	3.2
38,602	5.9	35,962	5.2	2200 WATER SUPPLIES	40,239	5.6	43,892	6.0
781	.1	1,088	.2	2400 HOUSING	1,125	.2	1,162	.2
392,546	60.0	401,370	57.9	II. PROMOTION OF HEALTH	412,326	57.1	425,532	58.3
87,524	13.5	114,184	16.5	A. GENERAL SERVICES	117,902	16.3	125,768	17.2
35,180	5.4	57,999	8.4	3100 GENERAL PUBLIC HEALTH	65,801	9.1	73,904	10.2
8,138	1.3	14,776	2.1	3200 NURSING	14,545	2.0	11,964	1.6
7,547	1.2	6,369	.9	3300 LABORATORY	4,941	.7	5,137	.7
2,338	.4	1,365	.2	3400 HEALTH EDUCATION	1,583	.2	1,557	.2
4,687	.7	9,564	1.4	3500 STATISTICS	5,131	.7	5,278	.7
5,387	.8	4,872	.7	3600 ADMINISTRATIVE METHODS	10,284	1.4	11,077	1.5
24,247	3.7	19,239	2.8	3700 HEALTH PLANNING	15,617	2.2	16,851	2.3
305,022	46.5	287,186	41.4	B. SPECIFIC PROGRAMS	294,424	40.8	299,764	41.1
7,741	1.2	11,460	1.7	4100 MATERNAL AND CHILD HEALTH	13,455	1.9	14,194	1.9
255,981	39.1	217,994	31.5	4200 NUTRITION	216,361	30.0	224,620	30.8
911	.1	180	*	4300 MENTAL HEALTH	3,236	.4	1,063	.1
4,367	.7	4,100	.6	4400 DENTAL HEALTH	3,830	.5	4,101	.6
1,381	.2	1,301	.2	4500 RADIATION AND ISOTOPES	1,331	.2	2,205	.3
1,317	.2	1,637	.2	4600 OCCUPATIONAL HEALTH	1,907	.3	1,972	.3
6,869	1.0	9,823	1.4	4700 FOOD AND DRUG	11,110	1.5	12,056	1.7
17,685	2.7	23,077	3.3	4800 MEDICAL CARE	27,257	3.8	26,819	3.7
8,028	1.2	14,696	2.1	4900 HEALTH AND POPULATION DYNAMICS	13,535	1.9	10,366	1.4
740	.1	2,918	.4	5000 REHABILITATION	2,402	.3	2,368	.3
15,356	2.3	30,455	4.3	III. DEVELOPMENT OF EDUCATIONAL INSTITUTIONS	45,337	6.3	48,541	6.6
8,050	1.2	12,560	1.8	6200 MEDICINE	24,986	3.5	28,261	3.9
724	.1	1,724	.2	6300 NURSING	3,956	.5	4,569	.6
3,420	.5	5,473	.8	6400 ENVIRONMENTAL SCIENCES	5,653	.8	5,770	.8
1,000	.2	7,138	1.0	6600 DENTISTRY	6,852	1.0	5,939	.8
2,162	.3	3,560	.5	6700 BIOSTATISTICS	3,890	.5	4,002	.5
655,336	100.0	691,671	100.0	GRAND TOTAL	720,053	100.0	728,132	100.0

\* LESS THAN .05 PERCENT

## NICARAGUA

## SUMMARY OF INVESTMENT

SOURCE OF FUNDS	TOTAL AMOUNT	*-----PERSONNEL-----*			*--DUTY--*	*---FELLOWSHIPS---*		*---SEMINARS---*		*SUPPLIES*	*--GRANTS--*		
		POSTS PROF.	LOCAL	STC MONTH	TRAVEL AMOUNT	ACAD.	SHORT	PART.	AMOUNT	AND EQUIPMENT	AND OTHER		
	\$				\$				\$	\$	\$		
1969													
PAHO---PR	179,956	-	-	-	108,264	11,275	2	3	20,344	-	6,186	8,936	24,951
PM	71,540	2	-	-	44,973	2,301	-	-	-	-	24,076	190	-
PW	4,165	-	-	1	1,536	-	-	-	-	-	2,629	-	-
PG	137,461	-	-	-	66,910	4,862	-	-	7,288	-	1,982	13,734	42,685
PI	70,130	-	-	-	26,484	762	-	-	480	-	-	11,686	30,718
WHO---WR	167,139	6	-	1	127,264	12,680	5	4	20,538	-	1,364	3,667	1,626
WT	21,776	1	-	1	21,095	381	-	-	-	-	-	-	300
WS	3,058	-	-	-	2,289	181	-	-	-	-	-	410	178
WD	111	-	-	-	111	-	-	-	-	-	-	-	-
TOTAL	655,336	9	-	3	398,926	32,442	7	7	48,650	-	9,532	65,138	100,648
PER CENT OF TOTAL	100.0				60.9	5.0			7.4		1.5	9.9	15.3

1970													
PAHO---PR	210,780	-	-	4	130,501	12,263	3	8	28,706	-	4,248	2,461	32,601
PM	90,089	1	-	-	38,482	3,340	-	1	1,400	-	-	31,740	15,127
PW	3,600	-	-	2	3,600	-	-	-	-	-	-	-	-
PG	112,451	-	-	-	61,748	4,229	-	-	9,655	-	2,327	9,856	24,636
PI	65,732	-	-	-	41,983	2,141	-	-	600	-	-	5,748	15,260
WHO---WR	161,545	5	-	1	131,393	11,263	-	2	3,404	-	4,074	4,146	7,265
WT	38,164	1	-	6	35,826	1,566	-	-	384	-	-	-	88
WS	9,195	-	-	-	6,966	240	-	-	-	-	-	1,627	367
WD	115	-	-	-	115	-	-	-	-	-	-	-	-
TOTAL	691,671	7	-	13	450,614	35,042	3	11	44,149	-	10,649	55,666	95,551
PER CENT OF TOTAL	100.0				65.2	5.1			6.4		1.5	8.0	13.8

1971													
PAHO---PR	250,038	-	-	4	154,724	13,749	4	5	28,261	-	3,241	19,088	30,975
PM	62,249	1	-	-	33,320	2,700	-	1	1,400	-	-	11,073	13,756
PG	104,212	-	-	-	60,883	4,180	-	-	8,442	-	77	7,569	23,061
PI	65,733	-	-	-	43,637	2,141	-	-	600	-	-	4,998	14,357
WHO---WR	172,999	5	-	2	139,998	11,776	-	1	7,511	-	6,288	4,316	3,110
WT	57,568	1	-	6	42,250	1,909	1	-	12,723	-	-	386	300
WS	7,129	-	-	-	5,976	240	-	-	-	-	-	509	404
WD	125	-	-	-	125	-	-	-	-	-	-	-	-
TOTAL	720,053	7	-	12	480,913	36,695	5	7	58,937	-	9,606	47,939	85,963
PER CENT OF TOTAL	100.0				66.8	5.1			8.2		1.3	6.7	11.9

1972													
PAHO---PR	251,406	-	-	4	167,589	14,045	1	11	22,151	-	5,910	5,959	35,752
PM	65,338	-	-	-	18,239	2,700	-	-	-	-	-	29,408	14,991
PG	97,837	-	-	-	62,604	3,880	-	-	6,142	-	116	6,354	18,741
PI	65,730	-	-	-	45,290	2,141	-	-	600	-	-	4,331	13,368
WHO---WR	183,405	4	-	1	134,784	11,721	6	2	24,378	-	6,966	3,177	2,379
WT	57,568	1	-	6	42,250	1,909	1	-	12,723	-	-	386	300
WS	6,711	-	-	-	5,640	240	-	-	-	-	-	455	376
WD	137	-	-	-	137	-	-	-	-	-	-	-	-
TOTAL	728,132	5	-	11	476,533	36,636	8	13	65,994	-	12,992	50,070	85,907
PER CENT OF TOTAL	100.0				65.4	5.0			9.1		1.8	6.9	11.8

PAHO PR-REGULAR BUDGET  
 PM-SPECIAL FUND FOR MALARIA ERADICATION  
 PG-COMMUNITY WATER SUPPLY  
 PI-GRANTS AND OTHER CONTRIBUTIONS  
 PI-INCAP AND OTHER RELATED GRANTS

WHO WR-REGULAR BUDGET  
 WA-MALARIA ERADICATION SPECIAL ACCOUNT  
 WT-UNITED NATIONS TECHNICAL ASSISTANCE  
 WS-UNITED NATIONS SPECIAL FUND  
 WD-GRANTS AND OTHER FUNDS



DETAILNICARAGUA-0200, MALARIA ERADICATION

THE ATTACK PHASE OF THE MALARIA ERADICATION PROGRAM BEGAN IN 1958. AFTER A PERIOD IN WHICH OPERATIONS WERE RESTRICTED, IN 1968 NICARAGUA BEGAN WORK UNDER A NEW OPERATIONAL PLAN WHICH COVERED THE ENTIRE COUNTRY. THIS PLAN IS PART OF THE REGIONAL MALARIA ERADICATION PLAN FOR ALL THE CENTRAL AMERICAN COUNTRIES AND PANAMA.

THE ACTUAL POPULATION OF THE COUNTRY IS 1,872,000 PEOPLE. ALL BUT 7 PER CENT (127,358 SQUARE KILOMETERS) OF THE NATIONAL TERRITORY IS CONSIDERED MALARIOUS.

IN 1967, 16,321 CASES WERE REPORTED FROM 269,575 BLOOD SLIDES EXAMINED, WITH 6.5 PER CENT POSITIVE; IN 1969 THERE WERE 16,043 CASES FROM 498,119 BLOOD SLIDES, OR 3.22 PER CENT POSITIVE.

RESIDUAL SPRAYING WITH DDT IS COUPLED WITH OTHER METHODS OF ATTACK, SUCH AS DISTRIBUTION OF ANTIMALARIA DRUGS AND USE OF LARVICIDES, AND, IN SELECTED AREAS WHERE THE VECTOR IS RESISTANT TO DDT, SUBSTITUTE METHODS ARE BEING APPLIED, SUCH AS USE OF OMS-35 (BAYGON).

UNICEF AND AID PARTICIPATE IN THIS PROGRAM.

		FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
									\$	\$	\$	\$
TOTAL			6	4	4	2	TOTAL		122,281	106,577	100,438	73,432
P-4 MEDICAL OFFICER 4.0535 4.0536	WR		2	2	2	2	SUBTOTAL	PM	30,349	28,578	29,171	11,500
P-4 SANITARY ENGINEER 4.0537	WR		1	-	-	-	PERSONNEL-POSTS		20,844	15,628	16,271	-
P-2 ENTOMOLOGIST 4.0538	WR		1	1	1	-	DUTY TRAVEL		179	1,500	1,500	1,500
P-1 SANITARIAN .0539 .0540	PM		2	1	1	-	SUPPLIES AND EQUIPMENT		9,326	10,000	10,000	10,000
TOTAL			-	1	1	-	FELLOWSHIPS		-	1,400	1,400	-
FELLOWSHIPS-SHORT TERM	PM		-	1	1	-	SUBTOTAL	WR	91,932	78,049	71,267	61,932
							PERSONNEL-POSTS		83,004	72,049	65,267	55,932
							DUTY TRAVEL		8,804	6,000	6,000	6,000
							SUPPLIES AND EQUIPMENT		124	-	-	-
							EST. GOVERNMENT CONTRIB.			(2,347,000)	(1,500,000)	(1,500,000)

NICARAGUA-2200, WATER SUPPLIES

THE PURPOSE OF THIS PROJECT IS TO GIVE ASSISTANCE TO THE GOVERNMENT, HELPING IT TO MEET THE GOAL OF THE CHARTER OF PUNTA DEL ESTE TO PROVIDE POTABLE WATER SUPPLIES TO 70 PER CENT OF THE URBAN POPULATION AND 50 PER CENT OF THE RURAL POPULATION WITHIN TEN YEARS THROUGH THE FORMULATION OF A NATIONAL PLAN FOR WATER SUPPLIES AND SEWAGE DISPOSAL, PREPARATION OF PLANS FOR DESIGN, CONSTRUCTION, AND FINANCING, AND THE DEVELOPMENT OF AN ADMINISTRATIVE AND TECHNICAL STRUCTURE TO PROVIDE ADEQUATE SERVICES.

IN 1969 IT WAS ESTIMATED THAT 45 PER CENT OF THE URBAN POPULATION WAS RECEIVING WATER SERVICE FROM HOUSE CONNECTIONS AND 42 PER CENT FROM PUBLIC HYDRANTS, AND THAT 6 PER CENT OF THE RURAL POPULATION WAS SERVED BY HOUSE CONNECTIONS OR PUBLIC HYDRANTS.

WORK HAS BEEN COMPLETED ON THE \$6 MILLION EXPANSION PROGRAM FOR THE MANAGUA WATER SUPPLY SYSTEM, ASSISTED BY A WORLD BANK LOAN OF \$3 MILLION. THE INTER-AMERICAN DEVELOPMENT BANK GRANTED A \$2 MILLION LOAN FOR 69 RURAL SYSTEMS. DURING THE PERIOD 1968-1971, NICARAGUA PLANS TO SPEND AN ADDITIONAL \$10 MILLION, SO THAT BY 1971 ABOUT 70 PER CENT OF THE URBAN POPULATION WILL HAVE SERVICE FROM HOUSE CONNECTIONS AND 13 PER CENT OF THE RURAL POPULATION WILL HAVE HOUSE CONNECTIONS OR EASY ACCESS TO PUBLIC HYDRANTS.

			1	2	2	1	TOTAL		4,165	3,600	5,000	5,800
TOTAL							TOTAL					
CONSULTANT MONTHS	PW		1	2	-	-	SUBTOTAL	PW	4,165	3,600	-	-
CONSULTANT MONTHS	WR		-	-	2	1	PERSONNEL-CONSULTANTS		1,536	3,600	-	-
TOTAL			-	-	1	1	SUPPLIES AND EQUIPMENT		2,629	-	-	-
FELLOWSHIPS-ACADEMIC	WR		-	-	-	1	SUBTOTAL	WR	-	-	5,000	5,800
FELLOWSHIPS-SHORT TERM	WR		-	-	1	-	PERSONNEL-CONSULTANTS		-	-	3,600	1,800
							FELLOWSHIPS		-	-	1,400	4,000



NICARAGUA-4800, MEDICAL CARE SERVICES . . . CONTINUED

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
								€	€	€	€
TOTAL		-	1	1	1	TOTAL	PR	-	6,000	5,800	6,000
CONSULTANT MONTHS	PR	-	1	1	1	PERSONNEL-CONSULTANTS FELLOWSHIPS		-	1,800	1,800	1,800
TOTAL		-	3	1	3			-	4,200	4,000	4,200
FELLOWSHIPS-ACADEMIC FELLOWSHIPS-SHORT TERM	PR	-	-	1	-	EST. GOVERNMENT CONTRIB.			(6,000,000)	(8,000,000)	(8,000,000)
	PR	-	3	-	3						

NICARAGUA-6200, MEDICAL EDUCATION

THE PURPOSE OF THIS PROJECT IS TO STRENGTHEN MEDICAL EDUCATION BY IMPROVING THE TRAINING OF TEACHERS OF BASIC MEDICAL SCIENCES AND OF PREVENTIVE AND SOCIAL MEDICINE AND THE PEDAGOGICAL APPROACH TO THE TEACHING OF MEDICINE. A UNIVERSITY-WIDE DEVELOPMENT PLAN HAS BEEN PREPARED AND IS BEING IMPLEMENTED.

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
								€	€	€	€
TOTAL		1	1	1	1	TOTAL	PR	-	-	4,600	4,600
CONSULTANT MONTHS	PR	-	-	1	1	PERSONNEL-CONSULTANTS FELLOWSHIPS		-	-	1,800	1,800
CONSULTANT MONTHS	WR	1	1	-	-			-	-	2,800	2,800
TOTAL		1	1	2	2	SUBTOTAL	WR	1,288	3,200	-	-
FELLOWSHIPS-SHORT TERM	PR	-	-	2	2	PERSONNEL-CONSULTANTS FELLOWSHIPS		651	1,800	-	-
FELLOWSHIPS-SHORT TERM	WR	1	1	-	-			637	1,400	-	-
						EST. GOVERNMENT CONTRIB.			( 250,000)	( 275,000)	( 275,000)

NICARAGUA-6400, SANITARY ENGINEERING EDUCATION

THE PURPOSE OF THIS PROJECT IS TO ASSIST THE FACULTY OF PHYSICS AND MATHEMATICS OF THE NATIONAL UNIVERSITY TO DEVELOP A PROGRAM OF SHORT INTENSIVE COURSES IN WATER SUPPLY TRAINING TO IMPROVE THE TECHNICAL PREPARATION OF SANITARY ENGINEERING PERSONNEL; TO PROVIDE BASIC INSTRUCTION FOR PERSONNEL EMPLOYED IN PUBLIC WORKS PROGRAMS WHO HAVE HAD NO PREVIOUS TRAINING; AND TO STRENGTHEN THE INSTALLATIONS OF THE SCHOOL WITH BETTER LIBRARY AND LABORATORY FACILITIES.

DURING THE PERIOD 1965-1969 TEN COURSES HAVE BEEN GIVEN. TWO COURSES ANNUALLY ARE PLANNED FOR 1970 AND 1971.

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
								€	€	€	€
TOTAL		-	1	1	1	TOTAL	PR	1,490	3,300	3,300	3,300
CONSULTANT MONTHS	PR	-	1	1	1	PERSONNEL-CONSULTANTS GRANTS		-	1,800	1,800	1,800
								1,490	1,500	1,500	1,500
						EST. GOVERNMENT CONTRIB.			( 210,000)	( 230,000)	( 230,000)

NICARAGUA-6600, DENTAL EDUCATION

THE OBJECTIVES OF THIS PROJECT ARE TO ASSIST IN ORGANIZING A DEPARTMENT OF PREVENTIVE AND SOCIAL DENTISTRY AT THE SCHOOL OF DENTISTRY OF THE NATIONAL UNIVERSITY AND IN COORDINATING THE PREVENTIVE DENTISTRY ACTIVITIES OF THE DEPARTMENT OF DENTISTRY OF THE MINISTRY OF PUBLIC HEALTH AND OF THE UNIVERSITY. A DEPARTMENT OF PREVENTIVE AND SOCIAL DENTISTRY HAS BEEN ESTABLISHED, AND INTENSIVE SHORT COURSES IN PUBLIC HEALTH HAVE BEEN PLANNED FOR DENTISTS AND FOR AUXILIARY PERSONNEL WORKING IN THE MINISTRY'S DENTAL PROGRAM.

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
								€	€	€	€
TOTAL		-	2	1	1	TOTAL	PR	-	6,400	5,800	4,600
CONSULTANT MONTHS	PR	-	2	1	1	PERSONNEL-CONSULTANTS FELLOWSHIPS		-	3,600	1,800	1,800
TOTAL		-	2	1	2			-	2,800	4,000	2,800
FELLOWSHIPS-ACADEMIC FELLOWSHIPS-SHORT TERM	PR	-	-	1	-	EST. GOVERNMENT CONTRIB.			( 95,000)	( 110,000)	( 110,000)
	PR	-	2	-	2						

NICARAGUA  
PORTIONS OF INTERCOUNTRY PROJECTS

	1969	1970	1971	1972
	\$	\$	\$	\$
<b>TOTAL AMRO PROJECTS</b>	<b>440,595</b>	<b>460,648</b>	<b>491,019</b>	<b>519,174</b>
0103 EPIDEMIOLOGY -- ZONE III	4,665	4,560	4,764	4,971
0111 EPIDEMIOLOGICAL SURVEILLANCE PROGRAM	-	-	-	1,401
0200 MALARIA TECHNICAL ADVISORY SERVICES	2,588	2,250	2,388	2,573
0203 MALARIA TECHNICAL ADVISORY SERVICES -- ZONE III	17,370	15,737	17,446	18,278
0216 RESEARCH IN EPIDEMIOLOGY OF MALARIA ERADICATION	26,006	44,293	49,648	53,838
0217 FIELD INVESTIGATION OF MASS DRUG TREATMENT	209	-	-	-
0218 PROMOTION OF RURAL HLTH SERV AND ERADICATION CAMPAIGNSNS	1,270	973	1,102	2,230
0219 DATA PROCESSING & OPERATIONS RESEARCH IN MALARIA ERADICATION	-	868	1,656	2,691
0220 FIELD RESEARCH IN MALARIA ERADICATION	100	8,767	-	-
0400 TUBERCULOSIS CONTROL	358	1,289	2,710	4,354
0403 TUBERCULOSIS CONTROL -- ZONE III	3,665	3,146	3,270	3,395
0408 SEMINAR ON TUBERCULOSIS CONTROL	-	-	1,006	-
0500 LEPROSY CONTROL	652	939	1,054	1,210
0507 COURSES ON REHAB AND PREVENTION OF DEFORMITIES (LEPROSY)	-	-	-	1,356
0600 VENEREAL DISEASE CONTROL	73	306	108	324
0700 PAN AMERICAN ZOOSES CENTER - RAMOS MEJIA	7,734	8,494	8,471	9,360
0703 VETERINARY PUBLIC HEALTH -- ZONE III	3,726	3,978	4,094	4,133
0713 SEMINAR ON ANIMAL TUBERCULOSIS	-	1,071	-	-
0714 SYMPCS ON THE HLTH ASPECTS OF THE INTERNAL MOVMMT OF ANIMALS	-	-	-	1,025
0718 SEMINAR ON EPIDEMIOLOGY OF THE ZOOSES	-	-	-	709
1008 CHAGAS' DISEASE	223	214	252	540
2100 ENVIRONMENTAL SANITATION	133	351	351	599
2103 SANITARY ENGINEERING -- ZONE III	7,646	3,979	4,959	5,293
2108 SEMINAR ON SANITARY ENGINEERING -- ZONE III	332	-	-	-
2114 PAN AMERICAN SANITARY ENGINEERING CENTER	4,780	8,230	10,425	11,143
2116 CONFERENCE ON INTEGRATION OF ENVIRONMENTAL PROGRAMS	-	-	-	1,090
2200 WATER SUPPLIES	4,562	2,093	3,286	3,488
2203 WATER SUPPLIES -- ZONE III	14,741	12,109	13,272	13,910
2213 STUDIES AND INVESTIGATIONS OF WATER RESOURCES	1,944	1,144	1,377	1,377
2214 SEMINAR ON WATER POLLUTION CONTROL	-	831	-	-
2215 APPLIED RESEARCH ON WATER SUPPLIES	347	-	150	300
2220 PUBLIC SERVICES ADMINISTRATION	-	1,977	2,118	2,266
2222 SEMINAR ON LOANS & PROJECT DEVELOPMENT	-	-	-	969
2223 SEMINARS ON PUBLIC SERVICES ADMINISTRATION	-	-	-	466
2400 PUBLIC HEALTH ASPECTS OF HOUSING AND URBANIZATION	717	209	218	227
3110 COORDINATION OF INTERNATIONAL RESEARCH	2,017	1,244	1,361	1,970
3124 APPLICATION OF DATA PROCESSING TO HEALTH ADMINISTRATION	403	-	-	-
3125 SPECIAL SEMINARS IN ZONE III	-	2,505	2,505	2,505
3129 RESEARCH TRAINING IN BIOMEDICAL SCIENCES	-	1,696	1,696	848
3130 CONFERENCE ON MYCOLOGY	-	1,127	-	-
3200 NURSING SERVICES	243	861	918	1,199
3203 NURSING -- ZONE III	6,785	7,711	8,066	8,424
3210 HOSPITAL NURSING SERVICES	24	928	1,136	1,201
3211 SEMINAR ON PLANNING FOR NURSING	713	-	1,070	-
3213 SEMINAR ON ADMINISTRATION OF NURSING SERVICES	-	-	1,943	-
3300 LABORATORY SERVICES	424	495	514	514
3303 LABORATORY SERVICES -- ZONE III	3,392	3,671	3,804	3,937
3310 CONFERENCE ON VIRAL AND RICKETTSIAL VACCINES	-	1,405	-	-
3311 TRAINING LABORATORY PERSONNEL	-	798	623	686
3400 HEALTH EDUCATION	57	240	372	372
3407 COMMUNITY DEVELOPMENT TRAINING CENTER	1,224	1,117	1,211	1,185
3409 STUDY GROUP ON HEALTH EDUCATION AND PLANNING	1,057	-	-	-
3500 HEALTH STATISTICS	14	-	349	306
3503 HEALTH STATISTICS -- ZONE III	4,270	4,944	4,782	4,972
3516 REGIONAL SEMINAR ON DATA PROCESSING	-	618	-	-
3600 ADMINISTRATIVE METHODS AND PRACTICES IN PUBLIC HEALTH	1,636	1,576	1,612	2,272
3603 ADMINISTRATIVE METHODS AND PRACTICES - ZONE III	3,751	3,296	3,429	3,562
3607 MANAGEMENT OF HEALTH SERVICES	-	-	5,243	5,243
3700 HEALTH PLANNING	2,096	4,191	3,902	4,071
3703 HEALTH PLANNING - ZONE III	3,645	3,521	3,654	3,787
3715 PAN AMERICAN PROGRAM FOR HEALTH PLANNING	3,347	10,127	8,061	7,593
4100 MATERNAL AND CHILD HEALTH	63	399	436	1,443
4103 MATERNAL AND CHILD HEALTH -- ZONE III	2,115	2,657	2,958	3,664

## NICARAGUA - PORTIONS OF INTERCOUNTRY PROJECTS . . . CONTINUED

4108	CLINICAL AND SOCIAL PEDIATRICS	775	1,335	1,335	1,335
4115	NURSING-MIDWIFERY EDUCATION	609	-	-	-
4116	FACULTY TRAINING IN MATERNAL AND CHILD HEALTH	-	-	2,262	-
4117	STAFFING MATERNAL AND CHILD HEALTH SERVICES	-	286	286	-
4118	STUDY GROUP ON GUIDE FOR NURSING-MIDWIFERY SERVICES	-	-	-	1,266
4119	MATERNAL AND CHILD HEALTH FELLOWSHIPS	-	1,656	708	885
4200	NUTRITION ADVISORY SERVICES	255	388	590	601
4203	INSTITUTE OF NUTRITION OF CENTRAL AMERICA AND PANAMA	254,937	216,992	214,900	222,060
4211	RESEARCH IN PROTEIN-CALORIE MALNUTRITION	-	-	269	269
4221	SEMINAR ON NUTRITION IN FOOD AND HEALTH POLICIES	143	-	199	199
4230	NUTRITION TRAINING	648	704	731	919
4233	NUTRITION TEACHING IN MEDICAL SCHOOLS	-	-	572	572
4300	MENTAL HEALTH	166	180	-	450
4311	STUDY GROUP ON ADM. OF PSYCHIATRIC & MENTAL HEALTH SERVICES	745	-	-	-
4312	COURSES IN COMMUNITY PSYCHIATRY	-	-	432	-
4313	PSYCHIATRIC NURSING	-	-	2,804	-
4315	STUDY GROUP ON TRAINING PSYCHIATRISTS	-	-	-	613
4400	DENTAL HEALTH	627	549	549	924
4409	FLUORIDATION	3,740	3,551	3,281	3,177
4500	HEALTH ASPECTS OF RADIATION	-	-	-	844
4507	RADIATION HEALTH PROTECTION	1,381	1,301	1,331	1,361
4700	FOOD AND DRUG CONTROL	909	966	1,001	1,038
4703	FOOD REFERENCE LABORATORY - ZONE III	5,503	7,576	8,295	8,644
4708	FOOD HYGIENE TRAINING CENTER	-	-	1,274	1,834
4710	FOOD AND DRUG ADMINISTRATION -- ZONE III	457	540	540	540
4711	FOOD AND DRUG CONTROL SEMINAR	-	741	-	-
4800	MEDICAL CARE SERVICES	1,537	835	1,161	1,182
4803	MEDICAL CARE SERVICES -- ZONE III	3,746	3,821	3,954	4,087
4810	CHRONIC DISEASES	1,006	1,239	1,293	1,346
4813	HOSPITAL PLANNING AND ADMINISTRATION	152	268	2,371	2,412
4815	TRAINING FOR MEDICAL CARE AND HOSPITAL ADMINISTRATION	160	198	1,103	1,288
4819	SEMINAR ON CANCER REGISTRATION	636	-	-	-
4900	HEALTH AND POPULATION DYNAMICS	6,574	14,696	13,535	10,366
5000	REHABILITATION	740	1,673	2,402	2,368
5008	SEMINAR ON REHABILITATION	-	1,245	-	-
6000	MEDICAL EDUCATION- TEXTBOOKS AND TEACHING MATERIALS	846	398	399	477
6200	MEDICAL EDUCATION	2,703	2,429	2,345	2,415
6214	FACULTY TRAINING FOR MEDICAL SCHOOLS	-	1,770	-	-
6216	PREVENTIVE MEDICINE EDUCATION	2,872	2,124	1,717	1,789
6221	LIBRARY OF MEDICINE	-	-	7,227	9,504
6222	SEMINAR ON TEACHING PREVENTIVE AND SOCIAL MEDICINE	-	959	-	-
6223	TEACHING OF BEHAVIORAL SCIENCES	341	528	7,528	7,528
6224	FACULTY AND RESEARCH TRAINING CENTERS	-	1,152	911	911
6225	SURVEY OF FELLOWSHIP PROGRAMS	-	-	759	-
6226	COMMUNITY-CENTERED RESEARCH IN MEDICAL EDUCATION	-	-	-	1,037
6300	NURSING EDUCATION	724	294	294	462
6317	SEMINAR ON NURSING EDUCATION	-	-	1,967	1,967
6319	TRAINING OF NURSING AUXILIARIES	-	1,430	1,695	2,140
6400	SANITARY ENGINEERING EDUCATION	1,930	1,671	1,687	1,753
6600	DENTAL EDUCATION	715	322	636	653
6608	TRAINING OF AUXILIARY DENTAL PERSONNEL	165	296	296	566
6609	LATIN AMERICAN ASSOCIATION OF DENTAL SCHOOLS	120	120	120	120
6700	BIOSTATISTICS EDUCATION	300	1,020	1,020	1,020
6707	LATIN AMERICAN CENTER FOR THE CLASSIFICATION OF DISEASES	878	1,011	1,186	1,213
6708	TRAINING PROGRAM IN HOSPITAL STATISTICS	984	1,529	1,684	1,769
6709	RESEARCH TRAINING PROGRAMS IN HEALTH AND POPULATION	1,454	-	-	-

## NICARAGUA

## SUMMARY OF INVESTMENTS BY SOURCE OF FUNDS

SOURCE OF FUNDS	*-----COUNTRY PROJECTS-----*				*-----PORTIONS OF INTER-COUNTRY PROJECTS-----*			
	1969	1970	1971	1972	1969	1970	1971	1972
TOTAL FUNDS	214,741	231,023	229,034	208,958	440,595	460,648	491,019	519,174
PR PAHO REGULAR	20,077	31,990	31,700	28,100	159,879	178,880	218,338	223,306
PM PAHO SPECIAL MALARIA	30,349	28,528	29,171	11,500	41,191	61,561	33,078	53,838
PW PAHO COMMUNITY WATER SUPPLY	4,165	3,600	-	-	-	-	-	-
PG PAHO GRANTS & OTHER CONTRIB.	-	-	-	-	137,461	112,451	104,212	97,837
PI INCAP AND RELATED GRANTS	-	-	-	-	70,130	65,732	65,733	65,730
WR WHO REGULAR	140,618	130,995	125,763	126,958	26,521	30,550	47,236	56,447
WT WHO TECHNICAL ASSISTANCE	19,532	36,000	42,400	42,400	2,244	2,164	15,168	15,168
WS UNITED NATIONS SPECIAL FUND	-	-	-	-	3,058	9,195	7,129	6,711
WD WHO GRANTS & OTHER FUNDS	-	-	-	-	111	115	125	137

SOURCE OF FUNDS	*-----TOTAL ALL PROJECTS-----*			
	1969	1970	1971	1972
TOTAL FUNDS	655,336	691,671	720,053	728,132
PR PAHO REGULAR	179,956	210,780	250,038	251,406
PM PAHO SPECIAL MALARIA	71,540	90,089	62,249	65,338
PW PAHO COMMUNITY WATER SUPPLY	4,165	3,600	-	-
PG PAHO GRANTS & OTHER CONTRIB.	137,461	112,451	104,212	97,837
PI INCAP AND RELATED GRANTS	70,130	65,732	65,733	65,730
WR WHO REGULAR	167,135	161,545	172,999	183,405
WT WHO TECHNICAL ASSISTANCE	21,776	38,164	57,568	57,568
WS UNITED NATIONS SPECIAL FUND	3,058	9,195	7,129	6,711
WD WHO GRANTS & OTHER FUNDS	111	115	125	137

## PANAMA

## PROGRAM BUDGET

1 9 6 9		1 9 7 0			1 9 7 1		1 9 7 2	
AMOUNT	PERCENT	AMOUNT	PERCENT		AMOUNT	PERCENT	AMOUNT	PERCENT
\$		\$			\$		\$	
226,719	34.2	183,966	30.5	I. PROTECTION OF HEALTH	192,473	29.6	207,039	30.2
146,625	22.1	111,107	18.4	A. COMMUNICABLE DISEASES	119,074	18.3	109,517	15.9
4,665	.7	4,559	.8	0100 GENERAL	4,764	.7	6,372	.9
129,407	19.6	91,366	15.1	0200 MALARIA	97,587	15.0	83,489	12.2
4,022	.6	4,434	.7	0400 TUBERCULOSIS	6,984	1.1	7,748	1.1
651	.1	938	.2	0500 LEPROSY	1,054	.2	1,209	.2
73	*	306	.1	0600 VENEREAL DISEASES	108	*	324	*
7,584	1.1	9,290	1.5	0700 ZOOZOSES	8,325	1.3	9,835	1.4
223	*	214	*	1000 PARASITIC DISEASES	252	*	540	.1
80,094	12.1	72,859	12.1	B. ENVIRONMENTAL HEALTH	73,399	11.3	97,522	14.3
19,800	3.0	21,621	3.6	2100 GENERAL	24,589	3.8	25,810	3.8
37,304	5.6	40,493	6.7	2200 WATER SUPPLIES	37,868	5.8	42,023	6.1
22,209	3.4	9,657	1.6	2300 AEDES AEGYPTI ERADICATION	9,817	1.5	28,527	4.2
781	.1	1,088	.2	2400 HOUSING	1,125	.2	1,162	.2
406,559	61.7	380,240	62.8	II. PROMOTION OF HEALTH	403,125	61.9	419,103	60.9
108,249	16.5	92,261	15.2	A. GENERAL SERVICES	99,841	15.3	104,627	15.1
78,519	11.9	49,885	8.2	3100 GENERAL PUBLIC HEALTH	48,202	7.4	52,112	7.6
3,638	.6	6,480	1.1	3200 NURSING	12,329	1.9	11,865	1.7
3,816	.6	6,369	1.1	3300 LABORATORY	6,441	1.0	7,037	1.0
3,170	.5	1,365	.2	3400 HEALTH EDUCATION	1,583	.2	1,557	.2
4,687	.7	5,564	.9	3500 STATISTICS	5,491	.8	5,638	.8
5,387	.8	4,872	.8	3600 ADMINISTRATIVE METHODS	10,284	1.6	11,077	1.6
9,032	1.4	17,726	2.9	3700 HEALTH PLANNING	15,511	2.4	15,341	2.2
298,310	45.2	287,979	47.6	B. SPECIFIC PROGRAMS	303,284	46.6	314,476	45.8
4,739	.7	7,196	1.2	4100 MATERNAL AND CHILD HEALTH	13,474	2.1	15,628	2.3
255,970	38.7	217,979	36.0	4200 NUTRITION	217,736	33.4	226,000	32.9
995	.2	3,870	.6	4300 MENTAL HEALTH	6,404	1.0	5,403	.8
4,367	.7	4,099	.7	4400 DENTAL HEALTH	3,830	.6	4,101	.6
1,905	.3	4,201	.7	4500 RADIATION AND ISOTOPES	4,231	.6	2,230	.3
1,317	.2	1,637	.3	4600 OCCUPATIONAL HEALTH	1,907	.3	1,972	.3
8,424	1.3	17,465	2.9	4700 FOOD AND DRUG	18,009	2.8	20,355	3.0
11,827	1.8	13,918	2.3	4800 MEDICAL CARE	21,756	3.3	26,053	3.8
8,027	1.2	14,696	2.4	4900 HEALTH AND POPULATION DYNAMICS	13,535	2.1	10,366	1.5
739	.1	2,918	.5	5000 REHABILITATION	2,402	.4	2,368	.3
28,127	4.1	40,823	6.7	III. DEVELOPMENT OF EDUCATIONAL INSTITUTIONS	55,652	8.5	60,232	8.9
12,048	1.8	17,644	2.9	6200 MEDICINE	29,428	4.5	32,922	4.8
9,499	1.4	7,124	1.2	6300 NURSING	9,356	1.4	9,969	1.5
3,418	.5	5,757	.9	6400 ENVIRONMENTAL SCIENCES	5,927	.9	6,000	.9
1,000	.1	6,738	1.1	6600 DENTISTRY	7,052	1.1	7,339	1.1
2,162	.3	3,560	.6	6700 BIostatistics	3,889	.6	4,002	.6
661,405	100.0	605,029	100.0	GRAND TOTAL	651,250	100.0	686,374	100.0

\* LESS THAN .05 PERCENT

## PANAMA

## SUMMARY OF INVESTMENT

SOURCE OF FUNDS	TOTAL AMOUNT	*-----PERSONNEL-----*			*--DUTY--*	*---FELLOWSHIPS---		*---SEMINARS---		*SUPPLIES*	*--GRANTS--*		
		POSTS PROF.	LOCAL	STC MONTH	TRAVEL AMOUNT	ACAD.	SHORT	PART.	AMOUNT	AND EQUIPMENT	AND OTHER		
	\$				\$				\$	\$	\$		
1969													
PAHO---PR	210,608	-	-	13	133,642	13,158	-	4	10,392	-	6,184	14,910	32,322
PM	52,500	1	-	-	33,656	3,729	-	-	-	-	15,025	90	
PG	135,372	-	-	-	65,129	4,862	-	-	7,287	-	2,389	13,443	42,262
PI	70,125	-	-	-	26,484	761	-	-	479	-	-	11,685	30,716
WHO---WR	66,836	-	-	4	19,115	2,054	5	11	37,966	-	1,807	4,478	1,416
WA	69,665	3	-	-	66,073	3,592	-	-	-	-	-	-	-
WT	53,130	2	-	-	50,264	2,566	-	-	-	-	-	-	300
WS	3,058	-	-	-	2,289	181	-	-	-	-	-	410	178
WO	111	-	-	-	111	-	-	-	-	-	-	-	-
TOTAL	661,405	6	-	17	396,763	30,903	5	15	56,124	-	10,380	59,951	107,284
PER CENT OF TOTAL	100.0				60.0	4.7			8.5		1.6	9.0	16.2
1970													
PAHO---PR	246,896	1	-	10	174,308	14,882	1	6	17,885	-	4,990	2,937	31,894
PM	54,230	2	-	-	45,430	2,300	-	1	1,400	-	-	5,000	100
PG	109,636	-	-	-	59,738	4,229	-	-	9,654	-	2,327	9,529	24,159
PI	65,730	-	-	-	41,982	2,141	-	-	600	-	-	5,747	15,260
WHO---WR	93,063	1	-	8	60,163	4,708	1	5	12,588	-	4,073	6,866	4,665
WT	26,164	1	-	-	23,826	1,566	-	-	384	-	-	88	300
WS	9,195	-	-	-	6,966	240	-	-	-	-	-	1,627	362
WO	115	-	-	-	115	-	-	-	-	-	-	-	-
TOTAL	605,029	5	-	18	412,528	30,066	2	12	42,511	-	11,390	31,794	76,740
PER CENT OF TOTAL	100.0				68.2	5.0			7.0		1.9	5.2	12.7
1971													
PAHO---PR	287,136	2	-	10	213,789	18,107	1	7	19,040	-	2,809	3,073	30,318
PM	27,461	1	-	-	21,361	1,500	-	-	-	-	-	4,600	-
PG	101,383	-	-	-	58,714	4,179	-	-	8,441	-	77	7,428	22,544
PI	65,732	-	-	-	43,637	2,141	-	-	600	-	-	4,998	14,356
WHO---WR	123,116	2	-	8	78,034	6,199	1	9	19,784	-	6,854	7,335	4,910
WT	39,168	1	-	-	30,250	1,909	-	-	6,323	-	-	386	300
WS	7,129	-	-	-	5,976	240	-	-	-	-	-	509	404
WO	125	-	-	-	125	-	-	-	-	-	-	-	-
TOTAL	651,250	6	-	18	451,886	34,275	2	16	54,188	-	9,740	28,329	72,832
PER CENT OF TOTAL	100.0				69.4	5.3			8.3		1.5	4.3	11.2
1972													
PAHO---PR	335,427	3	-	11	249,881	19,903	1	8	17,847	-	5,985	6,715	35,096
PM	27,749	1	-	-	22,249	1,500	-	-	-	-	-	4,000	-
PG	94,727	-	-	-	60,219	3,880	-	-	6,141	-	116	6,198	18,173
PI	65,730	-	-	-	45,290	2,141	-	-	600	-	-	4,331	13,368
WHO---WR	140,725	2	-	8	91,977	6,144	1	10	24,643	-	6,698	7,084	4,179
WT	15,168	-	-	-	7,750	409	-	-	6,323	-	-	386	300
WS	6,711	-	-	-	5,640	240	-	-	-	-	-	455	376
WO	137	-	-	-	137	-	-	-	-	-	-	-	-
TOTAL	686,374	6	-	19	483,143	34,217	2	18	55,554	-	12,799	29,169	71,492
PER CENT OF TOTAL	100.0				70.4	5.0			8.1		1.9	4.2	10.4

PAHO PR-REGULAR BUDGET  
 PM-SPECIAL FUND FOR MALARIA ERADICATION  
 PW-COMMUNITY WATER SUPPLY  
 PG-GRANTS AND OTHER CONTRIBUTIONS  
 PI-INCAP AND OTHER RELATED GRANTS

WHO WR-REGULAR BUDGET  
 WA-MALARIA ERADICATION SPECIAL ACCOUNT  
 WT-UNITED NATIONS TECHNICAL ASSISTANCE  
 WS-UNITED NATIONS SPECIAL FUND  
 WO-GRANTS AND OTHER FUNDS



DETAIL

PANAMA-0200, MALARIA ERADICATION

THE MALARIA ERADICATION PROGRAM, WHICH BEGAN IN AUGUST 1957, HAD GOOD RESULTS UNTIL 1964; THE POSITIVE INDEX OF THE BLOOD SLIDES EXAMINED DECREASED FROM 6.6 PER CENT IN 1958 TO 1.4 PER CENT IN 1964. BEGINNING WITH 1965 NO PROGRESS IN THE SITUATION WAS OBSERVED; THIS HAS BEEN ATTRIBUTED TO ADMINISTRATIVE PROBLEMS AND TO LACK OF ADEQUATE FINANCING. A NEW PLAN OF OPERATIONS WAS DRAWN UP, THE STRUCTURE OF THE PROGRAM MODIFIED, AND ADDITIONAL RESOURCES OBTAINED. IN JULY 1969, THE NEW OPERATIONAL PLAN WAS PUT INTO EFFECT, BUT IT IS TOO EARLY TO ANALYZE THE RESULTS. WHILE RESISTANCE OF THE VECTOR TO DDT HAS NOT BEEN OBSERVED IN PANAMA, THERE ARE INDICATIONS OF RESISTANCE OF THE PARASITES (P. FALCIPARUM) TO CHLOROQUINE.

THE POPULATION OF THE ORIGINAL MALARIOUS AREA IS 1,360,000 PEOPLE, OR 96 PER CENT OF THE POPULATION OF THE COUNTRY; IN 1968, 83,211 BLOOD SLIDES WERE EXAMINED, WITH 5,938 CASES REPORTED, MOST OF WHICH WERE INFECTIONS BY P. FALCIPARUM. IN THE SIX AREAS MOST SEVERELY AFFECTED, ATTACK MEASURES WILL BE INTENSIFIED UNDER THE NEW OPERATIONAL PLAN.

UNICEF AND AID PARTICIPATE IN THIS PROGRAM.

FUND 1969 1970 1971 1972					FUND 1969 1970 1971 1972						
TOTAL		4	3	3	2	TOTAL	\$	\$	\$	\$	
-----		-----	-----	-----	-----	-----	103,624	67,601	70,632	53,149	
P-4 MEDICAL OFFICER .0551	PR	-	-	-	1	SUBTOTAL	PR	-	-	19,171	25,400
P-4 MEDICAL OFFICER 4.0551	WA	1	-	-	-	PERSONNEL-POSTS	-	-	16,271	22,500	
P-4 MEDICAL OFFICER 4.0551	WT	-	1	1	-	DUTY TRAVEL	-	-	1,500	1,500	
P-4 SANITARY ENGINEER .0552	PM	-	1	1	1	FELLOWSHIPS	-	-	1,400	1,400	
P-4 SANITARY ENGINEER 4.0552	WA	1	-	-	-	SUBTOTAL	PM	33,959	43,601	27,461	27,749
P-2 SANITARIAN .0556	PR	-	-	1	-	PERSONNEL-POSTS	17,398	36,101	21,361	22,249	
P-2 SANITARIAN .0556	PM	1	1	-	-	DUTY TRAVEL	1,780	1,500	1,500	1,500	
P-2 SANITARIAN 4.0554	WA	1	-	-	-	SUPPLIES AND EQUIPMENT	14,781	4,600	4,600	4,000	
						FELLOWSHIPS	-	1,400	-	-	
TOTAL		-	1	1	1	SUBTOTAL	WA	69,665	-	-	-
FELLOWSHIPS-SHORT TERM	PR	-	-	1	1	PERSONNEL-POSTS	66,073	-	-	-	
FELLOWSHIPS-SHORT TERM	PM	-	1	-	-	DUTY TRAVEL	3,592	-	-	-	
						SUBTOTAL	WT	-	24,000	24,000	-
						PERSONNEL-POSTS	-	22,500	22,500	-	
						DUTY TRAVEL	-	1,500	1,500	-	
						EST. GOVERNMENT CONTRIB.		11,497,000	700,000	700,000	

PANAMA-2100, ENVIRONMENTAL SANITATION

THE PURPOSE OF THIS PROJECT IS TO ASSIST VARIOUS GOVERNMENTAL AGENCIES IN PLANNING AND IMPLEMENTING PROGRAMS FOR THE IMPROVEMENT OF ENVIRONMENTAL SANITATION CONDITIONS, IN TRAINING THE NECESSARY PERSONNEL, AND IN RESEARCH IN ENVIRONMENTAL SERVICES AND ENGINEERING.

TOTAL		-	1	1	1	TOTAL	PR	25,273	26,161	27,049
-----		-----	-----	-----	-----	-----	-----	-----	-----	-----
P-4 SANITARY ENGINEER .0549	PR	-	1	1	1	PERSONNEL-POSTS	-	20,473	21,361	22,249
TOTAL		-	1	1	1	PERSONNEL-CONSULTANTS	-	1,800	1,800	1,800
CONSULTANT MONTHS	PR	-	1	1	1	DUTY TRAVEL	-	1,500	1,500	1,500
TOTAL		-	1	1	1	SUPPLIES AND EQUIPMENT	-	100	100	100
FELLOWSHIPS-SHORT TERM	PR	-	1	1	1	FELLOWSHIPS	-	1,400	1,400	1,400
						EST. GOVERNMENT CONTRIB.		24,600,209	24,600,209	24,600,209

PANAMA-2200, WATER SUPPLIES

THE PURPOSE OF THIS PROJECT IS TO GIVE ASSISTANCE TO THE GOVERNMENT IN HELPING IT MEET THE GOAL OF THE CHARTER OF PUNTA DEL ESTE TO PROVIDE WATER SUPPLY SERVICES FOR 70 PER CENT OF THE URBAN AND 50 PER CENT OF THE RURAL POPULATION BY 1971.

AT PRESENT, 90 PER CENT OF THE URBAN POPULATION HAS WATER SERVICE FROM HOUSE CONNECTIONS. THE EXPECTATION IS THAT BY THE END OF 1971 ALL OF THE URBAN POPULATION WILL BE SERVED THROUGH HOUSE CONNECTIONS. AN ESTIMATED \$4.7 MILLION IS NEEDED TO REACH THIS GOAL.

IN 1969 IT WAS ESTIMATED THAT 7 PER CENT OF THE RURAL POPULATION WAS SERVED BY HOUSE CONNECTIONS OR PUBLIC HYDRANTS. IT IS ESTIMATED THAT THIS WILL REACH 24 PER CENT BY THE END OF 1971, AT A COST OF \$1.2 MILLION.

SINCE 1961, PANAMA HAS RECEIVED INTERNATIONAL LOANS OF \$38.2 MILLION FOR COMMUNITY WATER SUPPLY PROJECTS. IN 1969, 64 PER CENT OF THE URBAN POPULATION WAS SERVED BY SEWERAGE SYSTEMS, AND THE GOVERNMENT PLANNED TO EXTEND THESE FACILITIES TO PROVIDE SERVICE FOR 81 PER CENT OF THE URBAN POPULATION BY 1971, THROUGH AN ESTIMATED EXPENDITURE OF \$9.7 MILLION.

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
								\$			\$
TOTAL		-	1	1	1	TOTAL	PR	-	3,200	3,200	3,200
CONSULTANT MONTHS	PR	-	1	1	1	PERSONNEL-CONSULTANTS		-	1,800	1,800	1,800
TOTAL		-	1	1	1	FELLOWSHIPS		-	1,400	1,400	1,400
FELLOWSHIPS-SHORT TERM	PR	-	1	1	1	EST. GOVERNMENT CONTRIB.			15,000,000	15,000,000	15,000,000

PANAMA-2300, AEDES AEGYPTI ERADICATION

THE ULTIMATE OBJECTIVE OF THIS PROJECT IS THE ERADICATION OF AEDES AEGYPTI AND THE ESTABLISHMENT OF A PERMANENT SYSTEM OF VIGILANCE OF THE VECTOR. THE SHORT-TERM OBJECTIVE IS TO DETERMINE THE MAGNITUDE OF THE REINFESTATION WHERE THE ENTOMOLOGICAL INVESTIGATIONS WILL BE CONTINUED IN THE LOCALITIES OF THE PROVINCES OF COLON AND IN THOSE PARTS OF OTHER PROVINCES WHERE THE GEOGRAPHICAL SITUATION AND ECOLOGICAL CONDITIONS ARE IN DANGER OF REINFESTATION.

THE ORGANIZATION IS COOPERATING IN THIS PROGRAM WITH TECHNICAL ASSISTANCE AND ADVICE IN THE ORGANIZATION AND EXECUTION OF THE PROGRAM IN THE TRAINING OF PERSONNEL.

		-	-	-	1	TOTAL	PR	16,545	5,000	5,000	23,549
TOTAL		-	-	-	1	TOTAL		-	-	-	13,849
P-1 SANITARY ENGINEER	PR	-	-	-	1	PERSONNEL-POSTS		6,893	3,600	3,600	5,400
3622						PERSONNEL-CONSULTANTS		-	-	-	1,500
TOTAL		6	2	2	3	DUTY TRAVEL		9,652	-	-	-
CONSULTANT MONTHS	PR	6	2	2	3	SUPPLIES AND EQUIPMENT		-	1,400	1,400	2,800
TOTAL		-	1	1	2	FELLOWSHIPS		-	-	-	-
FELLOWSHIPS-SHORT TERM	PR	-	1	1	2	EST. GOVERNMENT CONTRIB.		( 105,082)(	( 131,352)(	( 131,352)(	

PANAMA-3100, HEALTH SERVICES

PANAMA HAS COMPLETED A NATIONAL HEALTH PLAN COVERING THE PERIOD 1968-1978. THE PURPOSE OF THIS PROJECT IS THE IMPLEMENTATION AND FULL EXECUTION OF THIS PLAN, WITH ANNUAL ADJUSTMENTS WHERE INDICATED BY EVALUATIONS, TO IMPROVE HEALTH CONDITIONS IN THE COUNTRY. FOLLOWING THE OUTLINES IN THE PLAN, PREVENTIVE AND CURATIVE HEALTH PROGRAMS WILL BE CARRIED OUT THROUGH LOCAL SERVICES, WITH EMPHASIS ON STRENGTHENING AND EXPANDING THOSE IN RURAL COMMUNITIES. NEW HEALTH UNITS ARE TO BE ESTABLISHED; EXISTING ONES ARE TO BE IMPROVED. MORE PHYSICAL RESOURCES AND EQUIPMENT WILL BE OBTAINED AND WILL BE BETTER DISTRIBUTED GEOGRAPHICALLY. TRAINING OF PERSONNEL WILL BE CONTINUED AND ADMINISTRATIVE PROCEDURES WILL BE IMPROVED TO PROVIDE INCREASED EFFICIENCY AND EXPAND COVERAGE OF SERVICES IN ORDER TO ATTAIN THE GOALS OF THE PROGRAMS.

. . . CONTINUED

PANAMA-3100, HEALTH SERVICES . . . CONTINUED

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
								\$	\$	\$	\$
<u>TOTAL</u>		<u>2</u>	<u>1</u>	<u>2</u>	<u>2</u>	<u>TOTAL</u>		<u>70,294</u>	<u>40,113</u>	<u>47,699</u>	<u>59,107</u>
P-5 PAHO/WHO REPRESENTATIVE 4.0546	WR	-	1	1	1	<u>SUBTOTAL</u>	PR	<u>19,408</u>	<u>5,400</u>	<u>5,400</u>	<u>5,400</u>
P-5 PAHO/WHO REPRESENTATIVE 4.0546	WT	1	-	-	-	PERSONNEL-CONSULTANTS		6,676	5,400	5,400	5,400
P-4 SANITARY ENGINEER 4.0549	WT	1	-	-	-	DUTY TRAVEL		535	-	-	-
P-3 NURSE 4.3423	WR	-	-	1	1	FELLOWSHIPS		4,904	-	-	-
						COMMON SERVICES		7,293	-	-	-
<u>TOTAL</u>		<u>4</u>	<u>5</u>	<u>5</u>	<u>5</u>	<u>SUBTOTAL</u>	WR	<u>-</u>	<u>34,713</u>	<u>42,299</u>	<u>53,707</u>
CONSULTANT MONTHS	PR	4	3	3	3	PERSONNEL-POSTS		-	25,613	32,199	43,607
CONSULTANT MONTHS	WR	-	2	2	2	PERSONNEL-CONSULTANTS		-	3,600	3,600	3,600
<u>TOTAL</u>		<u>4</u>	<u>-</u>	<u>-</u>	<u>-</u>	DUTY TRAVEL		-	2,500	3,500	3,500
						COMMON SERVICES		-	3,000	3,000	3,000
FELLOWSHIPS-SHORT TERM	PR	4	-	-	-	<u>SUBTOTAL</u>	WT	<u>50,886</u>	<u>-</u>	<u>-</u>	<u>-</u>
						PERSONNEL-POSTS		48,504	-	-	-
						DUTY TRAVEL		2,382	-	-	-
						EST. GOVERNMENT CONTRIB.			20,030,267	22,033,295	24,236,624

PANAMA-3101, FELLOWSHIPS

FELLOWSHIPS ARE PROVIDED IN ORDER TO TRAIN PERSONNEL FOR THE IMPROVEMENT AND EXPANSION OF HEALTH SERVICES IN THE COUNTRY.

<u>TOTAL</u>		<u>15</u>	<u>3</u>	<u>3</u>	<u>3</u>	<u>TOTAL</u>	WR	<u>30,208</u>	<u>6,800</u>	<u>6,800</u>	<u>6,800</u>
FELLOWSHIPS-ACADEMIC	WR	4	1	1	1	FELLOWSHIPS		30,208	6,800	6,800	6,800
FELLOWSHIPS-SHORT TERM	WR	11	2	2	2						

PANAMA-3300, LABORATORY SERVICES

THE PURPOSE OF THIS PROJECT IS TO ASSIST THE GOVERNMENT IN IMPROVING AND EXPANDING LABORATORY SERVICES AND IN TRAINING LABORATORY PERSONNEL.

<u>TOTAL</u>		<u>-</u>	<u>-</u>	<u>1</u>	<u>1</u>	<u>TOTAL</u>	WR	<u>-</u>	<u>-</u>	<u>1,500</u>	<u>1,900</u>
FELLOWSHIPS-SHORT TERM	WR	-	-	1	1	SUPPLIES AND EQUIPMENT		-	-	100	500
						FELLOWSHIPS		-	-	1,400	1,400

PANAMA-4100, MATERNAL AND CHILD HEALTH

THE PURPOSE OF THIS PROJECT IS TO ASSIST THE GOVERNMENT IN STRENGTHENING AND DEVELOPING MATERNAL AND CHILD HEALTH SERVICES.

<u>TOTAL</u>		<u>-</u>	<u>-</u>	<u>2</u>	<u>2</u>	<u>TOTAL</u>	WR	<u>-</u>	<u>-</u>	<u>2,900</u>	<u>2,900</u>
FELLOWSHIPS-SHORT TERM	WR	-	-	2	2	SUPPLIES AND EQUIPMENT		-	-	100	100
						FELLOWSHIPS		-	-	2,800	2,800

EST. GOVERNMENT CONTRIB.

( 76,799 ) ( 84,479 )

PANAMA-6200, NUTRITION

THE PURPOSE OF THIS PROJECT IS TO ASSIST THE GOVERNMENT IN TRAINING STAFF FOR IMPROVING THE NUTRITIONAL STATUS OF THE POPULATION.

. . . CONTINUED

PANAMA-4200, NUTRITION . . . CONTINUED

TOTAL	-	-	1	1	TOTAL	WR	-	-	1,400	1,400		
FELLOWSHIPS--SHORT TERM	WR	-	-	1	1	FELLOWSHIPS	-	-	1,400	1,400		
					EST. GOVERNMENT CONTRIB.		(	25,091)	(	27,600)	(	30,360)

PANAMA-4700, FOOD AND DRUG CONTROL

DURING THE PAST FEW YEARS, PANAMA HAS INCREASED ITS FOOD AND DRUG CONTROL ACTIVITIES. NEW FOOD AND DRUG LEGISLATION HAS BEEN PROMULGATED, AND SIMULTANEOUSLY THE FIELD AND LABORATORY PERSONNEL HAVE BEEN INCREASED IN ORDER TO ENFORCE THE NEW LAWS.

THE PURPOSE OF THIS PROJECT IS TO ASSIST THE NEWLY CREATED FOOD AND DRUG SECTION OF THE DEPARTMENT OF HEALTH AND THE NEW SPECIALIZED ANALYSIS LABORATORY OF THE UNIVERSITY OF PANAMA, WHICH IS SERVING AS REFERENCE LABORATORY FOR THE COUNTRIES OF CENTRAL AMERICA, AND TO HELP TO TRAIN PERSONNEL IN FOOD AND DRUG CONTROL WORK.

TOTAL	-	2	2	2	TOTAL	WR	1,558	6,900	6,900	8,300		
CONSULTANT MONTHS	WR	-	2	2	2	PERSONNEL--CONSULTANTS	-	3,600	3,600	3,600		
TOTAL	-	1	1	2	SUPPLIES AND EQUIPMENT	1,558	1,900	1,900	1,900	1,900		
FELLOWSHIPS--SHORT TERM	WR	-	1	1	2	FELLOWSHIPS	-	1,400	1,400	2,800		
					EST. GOVERNMENT CONTRIB.		(	55,360)	(	79,200)	(	85,200)

PANAMA-4800, MEDICAL CARE SERVICES

THE AIM OF THIS PROJECT IS TO EXPAND MEDICAL CARE SERVICES AND TO INTEGRATE THEM INTO THE PUBLIC HEALTH ACTIVITIES IN ORDER TO MAKE BETTER USE OF EXISTING RESOURCES.

ASSISTANCE WILL BE PROVIDED FOR INCREASING SERVICES THROUGH THE EXPANSION OF EXISTING HOSPITALS AND THROUGH NEW CONSTRUCTION, EXTENSION, AND REMODELING OF OLD INSTALLATIONS; INCREASING EFFICIENCY OF RESOURCES THROUGH THE INTEGRATION OF HEALTH ACTIVITIES AND COORDINATION OF OUTSIDE AND INTER-AGENCY MEDICAL CARE SERVICES; TRAINING DIRECTORS, DOCTORS, AND TECHNICIANS IN THEIR SPECIFIC FIELDS TO PROVIDE MORE EFFICIENT OPERATIONS; AND IMPROVING THE ADMINISTRATION OF HEALTH INSTITUTIONS THROUGH THE ESTABLISHMENT OF SYSTEMS OF CONTROL AND COST REDUCTION.

TOTAL	-	2	2	2	TOTAL	PR	-	5,400	5,400	5,400			
FELLOWSHIPS--ACADEMIC	PR	-	1	1	1	FELLOWSHIPS	-	5,400	5,400	5,400			
FELLOWSHIPS--SHORT TERM	PR	-	1	1	1	EST. GOVERNMENT CONTRIB.		(	5,154,613)	(	5,206,159)	(	5,258,221)

PANAMA-5200, MEDICAL EDUCATION

THE FACULTY OF MEDICINE OF THE UNIVERSITY OF PANAMA IS NOW THE ONLY MEDICAL SCHOOL IN THE COUNTRY, BUT THE NATIONAL HEALTH PLAN PROVIDES FOR THE EXPANSION OF MEDICAL EDUCATION ACTIVITIES.

THE PROJECT WILL ASSIST THE UNIVERSITY IN THE REVISION AND IMPLEMENTATION OF THE STRUCTURAL REFORM, ANALYZING THE FEASIBILITY OF A BETTER INTEGRATION OF DIFFERENT SCHOOLS IN THE FIELD OF HEALTH PROFESSIONS, FOLLOWING THE FRAMEWORK OF A DIVISION OF HEALTH SCIENCES. AT THE SAME TIME, IT WILL PROVIDE ASSISTANCE FOR THE IMPLEMENTATION OF THE NEW BY-LAWS AND THE ORGANIZATION OF THE DEPARTMENTAL STRUCTURE OF THE MEDICAL SCHOOL.

TOTAL	2	2	2	2	TOTAL	PR	3,010	5,000	5,000	5,000			
CONSULTANT MONTHS	PR	2	2	2	2	PERSONNEL--CONSULTANTS	3,010	3,600	3,600	3,600			
TOTAL	-	1	1	1	FELLOWSHIPS	-	1,400	1,400	1,400	1,400			
FELLOWSHIPS--SHORT TERM	PR	-	1	1	1	EST. GOVERNMENT CONTRIB.		(	553,496)	(	608,846)	(	669,730)

PANAMA-6300, NURSING EDUCATION

PANAMA HAS AN ESTIMATED 7 NURSES PER 10,000 INHABITANTS. IF THIS SAME RATIO WERE MAINTAINED, 220 MORE NURSES WOULD BE NEEDED IN 1970. THE PURPOSE OF THIS PROJECT IS TO INCREASE THE NUMBER AND QUALITY OF PROFESSIONAL NURSES, TO CREATE INCENTIVES FOR THE STUDENTS AND THE PROFESSIONAL PRACTICE, AND TO IMPROVE STUDY PROGRAMS ADAPTED REALISTICALLY TO THE NATIONAL NEEDS.

IN ORDER TO ATTAIN THE PROPOSED OBJECTIVES, ASSISTANCE HAS BEEN GIVEN TO THE SCHOOL OF NURSING OF THE UNIVERSITY OF PANAMA IN ORDER TO IMPROVE THE PREPARATION OF THE FACULTY AND IN THE ELABORATION AND DEVELOPMENT OF A NEW CURRICULUM FOR THE SCHOOL.

. . . CONTINUED

PANAMA-6300, NURSING EDUCATION . . . CONTINUED

TOTAL		4	2	2	2	TOTAL	WR	8,776	5,400	5,400	5,400	
-----		-----	-----	-----	-----	-----		-----	-----	-----	-----	
CONSULTANT MONTHS	WR	4	2	2	2	PERSONNEL-CONSULTANTS		5,760	3,600	3,600	3,600	
						SUPPLIES AND EQUIPMENT		-	400	400	400	
TOTAL		1	1	1	1	FELLOWSHIPS		3,016	1,400	1,400	1,400	
-----		-----	-----	-----	-----							
FELLOWSHIPS-ACADEMIC	WR	1	-	-	-	EST. GOVERNMENT CONTRIB.		(	85,000)	(	93,500)	
FELLOWSHIPS-SHORT TERM	WR	-	1	1	1						(	102,850)

PANAMA-6400, SANITARY ENGINEERING EDUCATION

THE AIM OF THIS PROJECT IS TO ASSIST THE UNIVERSITY OF PANAMA AND THE NATIONAL INSTITUTE OF AQUEDUCTS AND SEWERAGE SYSTEMS WITH A PROGRAM OF SHORT INTENSIVE COURSES IN VARIOUS ASPECTS OF SANITARY ENGINEERING RELATED TO THE SPECIFIC NEEDS OF THE COUNTRY. THE PROJECT ENVISIONS THE ESTABLISHMENT OF A TRAINING AND INFORMATION CENTER IN SANITARY ENGINEERING WITHIN THE ENGINEERING SCHOOL, AND PLANS HAVE BEEN MADE TO COORDINATE RESEARCH ACTIVITIES WITH THE ACTIVITIES OF THE CENTER.

FROM 1964 TO 1969, TEN COURSES WERE HELD FOR A TOTAL OF 200 STUDENTS. FROM 1970 THROUGH 1972, TWENTY PROFESSIONALS WILL BE TRAINED EACH YEAR.

TOTAL		1	1	1	1	TOTAL	PR	2,776	4,700	4,700	4,700	
-----		-----	-----	-----	-----	-----		-----	-----	-----	-----	
CONSULTANT MONTHS	PR	1	1	1	1	PERSONNEL-CONSULTANTS		1,276	1,800	1,800	1,800	
						FELLOWSHIPS		-	1,400	1,400	1,400	
TOTAL		-	1	1	1	GRANTS		1,500	1,500	1,500	1,500	
-----		-----	-----	-----	-----							
FELLOWSHIPS-SHORT TERM	PR	-	1	1	1	EST. GOVERNMENT CONTRIB.		(	40,000)	(	40,000)	
											(	40,000)

PANAMA-6600, DENTAL EDUCATION

PRIOR TO THE RECENT ESTABLISHMENT OF A DENTAL SCHOOL IN PANAMA UNDER THE NATIONAL HEALTH PLAN, NO SUCH FACILITIES EXISTED FOR THE TRAINING OF DENTAL PERSONNEL. THIS PROJECT IS INTENDED TO IMPROVE AND STRENGTHEN THE DENTAL SCHOOL, INCLUDING THE TEACHING FACULTY, CURRICULUM, AND OVERALL TEACHING FACILITIES. IN THIS MANNER, STUDENTS WILL BE ENCOURAGED TO ENTER CAREERS IN DENTISTRY AND IMPROVE THE EXISTING DENTIST-TO-POPULATION RATIO.

TOTAL		-	2	2	2	TOTAL	WR	-	6,000	6,000	6,000	
-----		-----	-----	-----	-----	-----		-----	-----	-----	-----	
CONSULTANT MONTHS	WR	-	2	2	2	PERSONNEL-CONSULTANTS		-	3,600	3,600	3,600	
						SUPPLIES AND EQUIPMENT		-	1,000	1,000	1,000	
TOTAL		-	1	1	1	FELLOWSHIPS		-	1,400	1,400	1,400	
-----		-----	-----	-----	-----							
FELLOWSHIPS-SHORT TERM	WR	-	1	1	1	EST. GOVERNMENT CONTRIB.		(	245,000)	(	269,500)	
											(	296,450)

PANAMA  
PORTIONS OF INTERCOUNTRY PROJECTS

	1969	1970	1971	1972
	\$	\$	\$	\$
TOTAL AMRC PROJECTS	424,614	423,642	452,558	472,520
0103 EPIDEMIOLOGY -- ZONE III	4,665	4,555	4,764	4,971
0111 EPIDEMIOLOGICAL SURVEILLANCE PROGRAM	-	-	-	1,401
0200 MALARIA TECHNICAL ADVISORY SERVICES	2,588	2,250	2,388	2,573
0203 MALARIA TECHNICAL ADVISORY SERVICES -- ZONE III	21,716	19,674	21,809	22,846
0217 FIELD INVESTIGATION OF MASS DRUG TREATMENT	209	-	-	-
0218 PROMOTION OF RURAL HLTH SERV AND ERADICATION CAMPAIGNS	1,270	973	1,102	2,230
0219 DATA PROCESSING & OPERATIONS RESEARCH IN MALARIA ERADICATION	-	868	1,656	2,691
0400 TUBERCULOSIS CONTRCL	358	1,289	2,708	4,354
0403 TUBERCULOSIS CONTRCL -- ZONE III	3,664	3,146	3,270	3,394
0408 SEMINAR ON TUBERCULOSIS CONTROL	-	-	1,006	-
0500 LEPROSY CONTROL	651	938	1,054	1,209
0600 VENEREAL DISEASE CONTROL	73	306	108	324
0700 PAN AMERICAN ZOONOSES CENTER	3,858	4,242	4,231	4,677
0703 VETERINARY PUBLIC HEALTH -- ZONE III	3,726	3,978	4,094	4,133
0713 SEMINAR ON ANIMAL TUBERCULOSIS	-	1,070	-	-
0714 SYMPOSIUM ON THE HLTH ASPECTS OF THE INTERNAL MOVEMENT OF ANIMALS	-	-	-	1,025
1008 CHAGAS' DISEASE	223	214	252	540
2100 ENVIRONMENTAL SANITATION	133	351	351	599
2103 SANITARY ENGINEERING -- ZONE III	7,646	3,979	4,959	5,291
2108 SEMINAR ON SANITARY ENGINEERING -- ZONE III	332	-	-	-
2114 PAN AMERICAN SANITARY ENGINEERING CENTER	4,780	8,230	10,425	11,143
2116 CONFERENCE ON INTEGRATION OF ENVIRONMENTAL PROGRAMS	-	-	-	542
2117 CONFERENCE ON ENVIRONMENTAL RESEARCH	-	-	639	-
2200 WATER SUPPLIES	4,562	2,093	3,286	3,487
2203 WATER SUPPLIES -- ZONE III	14,741	12,109	13,272	13,910
2213 STUDIES AND INVESTIGATIONS OF WATER RESOURCES	1,944	1,144	1,377	1,377
2214 SEMINAR ON WATER POLLUTION CONTROL	-	831	-	-
2215 APPLIED RESEARCH ON WATER SUPPLIES	347	-	150	300
2220 PUBLIC SERVICES ADMINISTRATION	-	7,922	2,117	2,266
2222 SEMINAR ON LOANS & PROJECT DEVELOPMENT	-	-	-	969
2223 SEMINARS ON PUBLIC SERVICES ADMINISTRATION	-	-	-	466
2224 CONFERENCE ON RECENT ADVANCES IN WATER TREATMENT	-	-	-	858
2303 AEDES AEGYPTI ERADICATION--ZONE III	5,664	4,657	4,817	4,978
2400 PUBLIC HEALTH ASPECTS OF HOUSING AND URBANIZATION	717	209	218	277
3110 COORDINATION OF INTERNATIONAL RESEARCH	2,017	1,244	1,361	1,968
3124 APPLICATION OF DATA PROCESSING TO HEALTH ADMINISTRATION	403	-	-	-
3125 SPECIAL SEMINARS IN ZONE III	-	2,505	2,505	2,505
3129 RESEARCH TRAINING IN BIOMEDICAL SCIENCES	-	1,696	1,696	848
3130 CONFERENCE ON MYCOLOGY	-	1,127	-	-
3200 NURSING SERVICES	243	861	918	1,199
3203 NURSING -- ZONE III	6,785	7,711	8,063	8,424
3210 HOSPITAL NURSING SERVICES	24	928	1,136	1,201
3211 SEMINAR ON PLANNING FOR NURSING	713	-	1,074	-
3213 SEMINAR ON ADMINISTRATION OF NURSING SERVICES	-	-	1,943	-
3300 LABORATORY SERVICES	424	495	514	514
3303 LABORATORY SERVICES -- ZONE III	3,392	3,671	3,804	3,937
3310 CONFERENCE ON VIRAL AND RICKETTSIAL VACCINES	-	1,405	-	-
3311 TRAINING LABORATORY PERSONNEL	-	798	623	686
3400 HEALTH EDUCATION	57	248	372	372
3407 COMMUNITY DEVELOPMENT TRAINING CENTER	1,224	1,117	1,211	1,185
3408 CONFERENCE ON POSTGRADUATE TRAINING IN HEALTH EDUCATION	833	-	-	-
3409 STUDY GROUP ON HEALTH EDUCATION AND PLANNING	1,056	-	-	-
3500 HEALTH STATISTICS	14	-	349	306
3503 HEALTH STATISTICS -- ZONE III	4,270	4,946	4,782	4,972
3515 CENTER FOR TRAINING IN USE OF COMPUTERS IN HEALTH STATISTICS	-	-	360	360
3516 REGIONAL SEMINAR ON DATA PROCESSING	-	618	-	-
3600 ADMINISTRATIVE METHODS AND PRACTICES IN PUBLIC HEALTH	1,636	1,576	1,612	2,272
3603 ADMINISTRATIVE METHODS AND PRACTICES -- ZONE III	3,751	3,296	3,429	3,562
3607 MANAGEMENT OF HEALTH SERVICES	-	-	5,243	5,243
3700 HEALTH PLANNING	2,040	4,078	3,796	3,961
3703 HEALTH PLANNING -- ZONE III	3,645	3,521	3,654	3,787
3715 PAN AMERICAN PROGRAM FOR HEALTH PLANNING	3,347	10,127	8,061	7,593
4100 MATERNAL AND CHILD HEALTH	63	399	436	1,443
4103 MATERNAL AND CHILD HEALTH -- ZONE III	2,114	2,657	2,958	3,664

## PANAMA - PORTIONS OF INTERCOUNTRY PROJECTS . . . CONTINUED

4108	CLINICAL AND SOCIAL PEDIATRICS	774	1,335	1,335	1,335
4115	NURSING-MIDWIFERY EDUCATION	609	-	-	-
4116	FACULTY TRAINING IN MATERNAL AND CHILD HEALTH	-	-	2,262	-
4117	STAFFING MATERNAL AND CHILD HEALTH SERVICES	-	286	286	-
4118	STUDY GROUP ON GUIDE FOR NURSING-MIDWIFERY SERVICES	-	-	-	1,266
4119	MATERNAL AND CHILD HEALTH FELLOWSHIPS	-	1,656	708	885
4200	NUTRITION ADVISORY SERVICES	249	378	575	585
4203	INSTITUTE OF NUTRITION OF CENTRAL AMERICA AND PANAMA	254,930	216,897	213,992	222,057
4211	RESEARCH IN PROTEIN-CALORIE MALNUTRITION	-	-	268	268
4221	SEMINAR ON NUTRITION IN FOOD AND HEALTH POLICIES	143	-	199	199
4230	NUTRITION TRAINING	648	704	730	919
4233	NUTRITION TEACHING IN MEDICAL SCHOOLS	-	-	572	572
4300	MENTAL HEALTH	250	270	-	450
4311	STUDY GROUP ON ADM. OF PSYCHIATRIC & MENTAL HEALTH SERVICES	745	-	-	-
4312	COURSES IN COMMUNITY PSYCHIATRY	-	-	-	740
4313	PSYCHIATRIC NURSING	-	-	2,804	-
4315	STUDY GROUP ON TRAINING PSYCHIATRISTS	-	-	-	613
4400	DENTAL HEALTH	627	549	549	924
4409	FLORIDATION	3,740	3,550	3,281	3,177
4500	HEALTH ASPECTS OF RADIATION	524	2,900	2,900	869
4507	RADIATION HEALTH PROTECTION	1,381	1,301	1,331	1,361
4700	FOOD AND DRUG CONTROL	908	966	1,001	1,038
4703	FOOD REFERENCE LABORATORY - ZONE III	5,501	7,576	8,294	8,643
4708	FOOD HYGIENE TRAINING CENTER	-	-	1,274	1,834
4710	FOOD AND DRUG ADMINISTRATION -- ZONE III	457	540	540	540
4711	FOOD AND DRUG CONTROL SEMINAR	-	1,483	-	-
4800	MEDICAL CARE SERVICES	1,012	835	1,161	1,182
4803	MEDICAL CARE SERVICES -- ZONE III	3,746	3,821	3,954	4,087
4810	CHRONIC DISEASES	1,006	1,239	1,293	1,346
4813	HOSPITAL PLANNING AND ADMINISTRATION	2,319	268	2,371	2,412
4815	TRAINING FOR MEDICAL CARE AND HOSPITAL ADMINISTRATION	160	198	1,102	1,286
4819	SEMINAR ON CANCER REGISTRATION	636	-	-	-
4900	HEALTH AND POPULATION DYNAMICS	6,574	14,696	13,535	10,366
5000	REHABILITATION	739	1,673	2,402	2,368
5008	SEMINAR ON REHABILITATION	-	1,245	-	-
6000	MEDICAL EDUCATION- TEXTBOOKS AND TEACHING MATERIALS	846	397	399	477
6200	MEDICAL EDUCATION	2,703	2,429	2,345	2,415
6210	TEACHING METHODS AND ADMIN ORGANIZATION OF MED SCHS	2,276	4,437	4,953	5,173
6214	FACULTY TRAINING FOR MEDICAL SCHOOLS	-	1,770	-	-
6216	PREVENTIVE MEDICINE EDUCATION	2,872	2,124	1,717	1,788
6221	LIBRARY OF MEDICINE	-	-	7,227	9,504
6222	SEMINAR ON TEACHING PREVENTIVE AND SOCIAL MEDICINE	-	959	-	-
6223	TEACHING OF BEHAVIORAL SCIENCES	341	528	7,528	7,528
6225	SURVEY OF FELLOWSHIP PROGRAMS	-	-	259	-
6226	COMMUNITY-CENTERED RESEARCH IN MEDICAL EDUCATION	-	-	-	1,037
6300	NURSING EDUCATION	723	294	294	462
6317	SEMINAR ON NURSING EDUCATION	-	-	1,967	1,967
6319	TRAINING OF NURSING AUXILIARIES	-	1,430	1,695	2,140
6400	SANITARY ENGINEERING EDUCATION	642	555	561	583
6600	DENTAL EDUCATION	715	322	636	653
6608	TRAINING OF AUXILIARY DENTAL PERSONNEL	165	296	296	566
6609	LATIN AMERICAN ASSOCIATION OF DENTAL SCHOOLS	120	120	120	120
6700	BIOSTATISTICS EDUCATION	300	1,020	1,020	1,020
6707	LATIN AMERICAN CENTER FOR THE CLASSIFICATION OF DISEASES	878	1,011	1,186	1,213
6708	TRAINING PROGRAM IN HOSPITAL STATISTICS	984	1,529	1,683	1,769
6709	RESEARCH TRAINING PROGRAMS IN HEALTH AND POPULATION	1,453	-	-	-

## PANAMA

## SUMMARY OF INVESTMENTS BY SOURCE OF FUNDS

SOURCE OF FUNDS	*-----COUNTRY PROJECTS-----*				*-----PORTIONS OF INTER-COUNTRY PROJECTS-----*			
	1969	1970	1971	1972	1969	1970	1971	1972
TOTAL FUNDS	236,791	181,387	198,692	213,854	424,614	423,642	452,558	472,520
PR PAHO REGULAR	41,739	53,973	74,032	99,698	168,869	192,923	213,104	235,729
PM PAHO SPECIAL MALARIA	33,959	43,601	27,461	27,749	18,541	10,629	-	-
PG PAHO GRANTS & OTHER CONTRIB.	-	-	-	-	135,372	109,636	101,383	94,727
PI INCAP AND RELATED GRANTS	-	-	-	-	70,125	65,730	65,732	65,730
WR WHO REGULAR	40,542	59,813	73,199	86,407	26,294	33,250	49,917	54,318
WA MALARIA ERADICATION SPEC. ACC.	69,665	-	-	-	-	-	-	-
WT WHO TECHNICAL ASSISTANCE	50,886	24,000	24,000	-	2,244	2,164	15,168	15,168
WS UNITED NATIONS SPECIAL FUND	-	-	-	-	3,058	9,195	7,129	6,711
WC WHO GRANTS & OTHER FUNDS	-	-	-	-	111	115	125	137

SOURCE OF FUNDS	*-----TOTAL ALL PROJECTS-----*			
	1969	1970	1971	1972
TOTAL FUNDS	661,405	605,029	651,250	686,374
PR PAHO REGULAR	210,608	246,896	287,126	335,427
PM PAHO SPECIAL MALARIA	52,500	54,230	27,461	27,749
PG PAHO GRANTS & OTHER CONTRIB.	135,372	109,636	101,383	94,727
PI INCAP AND RELATED GRANTS	70,125	65,730	65,732	65,730
WR WHO REGULAR	66,836	93,063	123,116	140,725
WA MALARIA ERADICATION SPEC. ACC.	69,665	-	-	-
WT WHO TECHNICAL ASSISTANCE	53,130	26,164	39,168	15,168
WS UNITED NATIONS SPECIAL FUND	3,358	9,195	7,129	6,711
WC WHO GRANTS & OTHER FUNDS	111	115	125	137



## PART III - FIELD AND OTHER PROGRAMS

## ZONE IV

## PROGRAM BUDGET

1 9 6 9		1 9 7 0		1 9 7 1		1 9 7 2	
AMOUNT	PERCENT	AMOUNT	PERCENT	AMOUNT	PERCENT	AMOUNT	PERCENT
\$ 1,085,232	40.6	\$ 1,272,286	31.0	\$ 1,238,013	41.2	\$ 1,363,948	41.8
797,308	29.8	884,738	21.6	823,611	27.5	908,175	27.9
35,657	1.3	94,389	2.3	95,292	3.2	108,064	3.3
473,535	17.7	435,991	10.6	347,237	11.6	347,967	10.7
93,480	3.5	167,585	4.1	190,814	6.4	203,966	6.3
31,869	1.2	36,145	.9	54,478	1.8	67,414	2.1
15,084	.6	9,034	.2	9,327	.3	13,023	.4
446	*	1,836	.1	648	*	6,944	.2
96,201	3.6	94,886	2.3	96,178	3.2	121,061	3.7
46,464	1.7	40,226	1.0	24,764	.8	32,553	1.0
4,572	.2	4,646	.1	4,873	.2	7,183	.2
287,924	10.8	387,548	9.4	414,402	13.7	455,773	13.9
113,781	4.3	160,421	3.9	187,314	6.2	205,336	6.3
129,745	4.9	193,145	4.7	220,616	6.4	216,476	6.6
24,724	.9	8,900	.2	2300	.2	6,900	.2
19,674	.7	25,082	.6	4000	.9	27,061	.8
1,282,399	48.0	2,286,358	55.3	1,294,887	43.1	1,390,568	42.8
697,128	26.1	797,906	19.3	803,770	26.7	851,619	26.2
379,446	14.2	321,388	7.8	3100	12.0	390,444	12.0
31,338	1.2	51,528	1.2	3200	1.8	47,125	1.4
42,970	1.6	69,763	1.7	3300	2.3	90,337	2.8
16,600	.6	9,816	.2	3400	.3	9,330	.3
113,033	4.2	126,499	3.1	3500	2.9	63,535	2.0
28,251	1.1	36,790	.9	3600	2.1	96,539	3.0
85,490	3.2	182,122	4.4	3700	5.3	154,309	4.7
585,271	21.9	1,488,452	36.0	491,117	16.4	538,949	16.6
25,088	.9	44,184	1.1	4100	1.7	53,872	1.7
100,543	3.8	119,093	2.9	4200	3.7	146,510	4.5
7,356	.3	2,670	.1	4300	.4	33,822	1.0
18,457	.7	16,765	.4	4400	.6	20,327	.6
35,899	1.3	21,720	.5	4500	.7	25,673	.8
23,303	.9	13,520	.3	4600	.6	21,488	.7
6,909	.3	10,230	.2	4700	.4	14,278	.4
110,661	4.1	120,028	2.9	4800	3.5	109,337	3.4
247,732	9.3	1,122,556	27.2	4900	4.2	96,757	3.0
9,323	.3	17,686	.4	5000	.6	16,885	.5
308,583	11.4	563,628	13.7	471,842	15.7	502,619	15.4
21,340	.8	46,686	1.1	6100	2.0	42,818	1.3
150,588	5.6	301,976	7.3	6200	6.8	230,046	7.1
48,942	1.8	51,933	1.3	6300	1.3	50,890	1.6
38,365	1.4	63,960	1.6	6400	2.2	69,053	2.1
16,049	.6	41,004	1.0	6500	1.1	40,961	1.3
16,261	.6	30,798	.7	6600	1.3	37,777	1.1
17,036	.6	27,271	.7	6700	1.0	31,074	.9
2,676,214	100.0	4,122,272	100.0	3,004,742	100.0	3,257,135	100.0
=====	=====	=====	=====	=====	=====	=====	=====

\* LESS THAN .05 PERCENT

## PART III - FIELD AND OTHER PROGRAMS

## ZONE IV

## SUMMARY OF INVESTMENT

SOURCE OF FUNDS	TOTAL AMOUNT	*--PERSONNEL--*			*--DUTY--* AMOUNT	*--FELLOWSHIPS--*		*--SEMINARS--*		*SUPPLIES* AND EQUIPMENT	*--GRANTS--* AND OTHER		
		POSTS PROF.	LOCAL	STC MONTH		ACAD.	SHORT	PART.	AMOUNT			AMOUNT	
	\$				\$					\$	\$		
1969													
PAHO---PR	1,198,298	25	1	21	815,539	89,262	11	27	68,374	-	72,546	104,653	87,924
PM	68,138	4	-	1	55,296	3,760	1	-	730	-	7,405	-	938
PW	12,784	-	-	7	11,622	1,074	-	-	-	-	-	88	-
PG	454,547	1	-	2	116,219	10,759	-	-	17,709	-	21,363	103,790	184,707
WHO---WR	690,328	10	-	23	314,044	37,726	46	63	228,631	-	17,992	63,891	27,744
WT	216,319	16	-	5	193,871	12,849	4	-	8,398	-	-	-	1,200
WS	35,181	-	-	-	26,333	2,082	-	-	-	-	-	4,719	2,047
WO	920	-	-	-	920	-	-	-	-	-	-	-	-
TOTAL	2,676,214	56	1	59	1,533,844	157,521	62	90	323,842	-	71,901	284,546	304,560
PER CENT OF TOTAL	100.0				57.3	5.9			12.1		2.7	10.6	11.4
1970													
PAHO---PR	1,293,487	22	1	34	875,611	68,948	18	40	143,238	-	17,800	87,922	100,068
PM	97,461	2	-	-	36,656	3,600	1	-	4,000	-	-	38,280	14,925
PW	21,000	-	-	5	9,000	-	-	5	11,000	-	-	1,000	-
PG	1,437,319	1	-	14	166,997	11,676	-	-	43,394	-	14,180	95,535	1,105,541
WHO---WR	768,479	9	-	37	419,289	37,615	23	24	139,334	-	33,864	108,518	29,859
WT	397,812	14	-	7	335,564	21,348	5	1	37,236	-	-	2,464	1,200
WS	105,761	-	-	-	80,117	2,760	-	-	-	-	-	18,721	4,163
WO	953	-	-	-	953	-	-	-	-	-	-	-	-
TOTAL	4,122,272	48	1	97	1,924,083	145,947	48	70	378,202	-	65,844	352,440	1,255,756
PER CENT OF TOTAL	100.0				46.7	3.6			9.2		1.6	8.5	30.4
1971													
PAHO---PR	1,286,439	18	1	38	918,980	73,865	24	47	177,822	-	3,974	98,825	112,973
PW	5,400	-	-	3	5,400	-	-	-	-	-	-	-	-
PG	205,885	-	-	-	105,326	7,764	-	-	38,591	-	312	11,266	42,626
WHO---WR	885,027	9	-	33	475,863	38,497	29	30	178,359	-	41,417	116,947	33,964
WT	438,975	14	-	8	360,873	22,617	4	-	50,745	-	-	3,540	1,200
WS	81,984	-	-	-	68,724	2,760	-	-	-	-	-	5,854	4,646
WO	1,032	-	-	-	1,032	-	-	-	-	-	-	-	-
TOTAL	3,004,742	41	1	82	1,936,198	145,503	57	77	445,517	-	45,703	236,432	195,389
PER CENT OF TOTAL	100.0				64.4	4.9			14.8		1.5	7.9	6.5
1972													
PAHO---PR	1,561,293	15	1	51	1,037,935	80,330	33	41	206,473	-	17,813	127,551	91,191
PG	159,097	-	-	-	95,748	6,219	-	-	15,641	-	467	7,872	33,150
WHO---WR	1,009,460	9	-	39	538,446	39,344	32	32	187,304	-	53,880	158,909	31,577
WT	448,975	14	-	8	360,873	22,617	4	-	50,745	-	-	13,540	1,200
WS	77,177	-	-	-	64,860	2,760	-	-	-	-	-	5,233	4,324
WO	1,133	-	-	-	1,133	-	-	-	-	-	-	-	-
TOTAL	3,257,135	38	1	98	2,098,995	151,270	69	73	460,163	-	72,160	313,105	161,442
PER CENT OF TOTAL	100.0				64.5	4.6			14.1		2.2	9.6	5.0

PAHO PR-REGULAR BUDGET  
 PM-SPECIAL FUND FOR MALARIA ERADICATION  
 PW-COMMUNITY WATER SUPPLY  
 PG-GRANTS AND OTHER CONTRIBUTIONS  
 PI-INCAP AND OTHER RELATED GRANTS

WHO WR-REGULAR BUDGET  
 WA-MALARIA ERADICATION SPECIAL ACCOUNT  
 WT-UNITED NATIONS TECHNICAL ASSISTANCE  
 WS-UNITED NATIONS SPECIAL FUND  
 WO-GRANTS AND OTHER FUNDS

## BOLIVIA

## PROGRAM BUDGET

1 9 6 9		1 9 7 0		1 9 7 1		1 9 7 2	
AMOUNT	PERCENT	AMOUNT	PERCENT	AMOUNT	PERCENT	AMOUNT	PERCENT
\$		\$		\$		\$	
218,314	46.0	322,938	48.6	271,189	42.7	308,152	41.0
141,487	29.8	224,507	33.8	185,424	26.0	187,071	24.8
10,988	2.3	34,133	5.1	33,079	5.2	40,996	5.4
69,840	14.7	105,921	16.0	56,657	8.9	50,589	6.7
16,140	3.4	38,336	5.8	40,130	6.3	43,511	5.8
12,440	2.6	12,366	1.9	19,174	3.0	30,217	4.0
2,685	.6	1,644	.2	1,846	.3	2,118	.3
101	*	408	.1	144	*	432	.1
13,474	2.8	14,161	2.1	13,162	2.1	16,006	2.1
15,577	3.3	17,323	2.6	1,080	.2	2,632	.3
242	.1	215	*	252	*	570	.1
76,827	16.2	98,431	14.8	105,765	16.7	121,081	16.2
33,576	7.1	43,357	6.5	46,359	7.3	58,378	7.8
43,187	9.1	53,983	8.1	58,279	9.2	61,538	8.2
64	*	1,091	.2	1,127	.2	1,165	.2
220,344	46.2	277,092	41.7	284,409	44.9	340,019	45.1
165,451	34.8	211,175	31.8	208,687	33.0	234,082	31.1
97,722	20.5	108,814	16.4	117,785	18.6	141,052	18.7
5,921	1.2	11,064	1.7	12,489	2.0	11,014	1.5
416	.1	2,666	.4	1,109	.2	7,278	1.0
2,350	.5	1,371	.2	1,589	.3	1,564	.2
39,863	8.4	60,436	9.1	46,924	7.4	39,260	5.2
4,579	1.0	1,536	.2	6,663	1.0	12,094	1.6
14,600	3.1	25,288	3.8	22,128	3.5	21,820	2.9
54,893	11.4	65,917	9.9	75,722	11.9	105,937	14.0
4,622	1.0	7,519	1.1	9,097	1.4	9,270	1.2
17,714	3.7	16,291	2.5	17,693	2.8	48,426	6.4
748	.1	-	-	2,380	.4	3,724	.5
4,297	.9	4,029	.6	3,765	.6	4,033	.5
2,668	.6	4,440	.7	4,471	.7	2,474	.3
1,402	.3	1,640	.2	1,912	.3	1,976	.3
1,553	.3	1,650	.2	2,962	.5	3,573	.5
16,754	3.5	17,623	2.7	21,938	3.4	23,106	3.1
4,390	.9	9,801	1.5	9,029	1.4	6,915	.9
745	.1	2,924	.4	2,475	.4	2,440	.3
36,866	7.8	64,209	9.7	78,653	12.4	104,094	13.9
19,074	4.0	25,899	3.9	37,981	6.0	48,618	6.5
725	.1	1,704	.3	3,899	.6	4,500	.6
9,875	2.1	12,023	1.8	12,196	1.9	12,791	1.6
2,700	.6	11,604	1.7	8,004	1.3	16,636	2.2
1,337	.3	7,880	1.2	10,988	1.7	16,269	2.2
3,155	.7	5,099	.8	5,585	.9	5,780	.8
475,524	100.0	664,239	100.0	634,251	100.0	752,265	100.0

\* LESS THAN .05 PERCENT

## BOLIVIA

## SUMMARY OF INVESTMENT

SOURCE OF FUNDS	TOTAL AMOUNT	*-----PERSONNEL-----*			*--DUTY--*	*---FELLOWSHIPS---		*---SEMINARS---	*SUPPLIES*	*-GRANTS-*		
		POSTS PROF.	LOCAL	STC MONTH	AMOUNT	TRAVEL AMOUNT	ACAD.	SHORT	PART.	AMOUNT	AND EQUIPMENT	AND OTHER
	\$				\$				\$	\$	\$	
1969												
PAHO---PR	238,288	7	-	7	181,327	14,948	2	3	9,419	5,784	16,567	10,243
PM	1,921	-	-	-	1,177	19	-	-	-	-	57	668
PW	10,143	-	-	6	10,055	-	-	-	-	-	88	-
PG	49,245	-	-	-	15,528	1,146	-	-	2,260	1,470	1,609	27,232
WHO---WR	107,253	1	-	-	45,840	6,419	10	18	43,073	878	7,303	3,740
WT	63,971	5	-	-	57,453	3,886	2	-	2,332	-	-	300
WS	4,591	-	-	-	3,436	272	-	-	-	-	616	267
WO	112	-	-	-	112	-	-	-	-	-	-	-
TOTAL	475,524	13	-	13	314,928	26,690	14	21	57,084	8,132	26,240	42,450
PER CENT OF TOTAL	100.0				66.3	5.6			12.0	1.7	5.5	8.9
1970												
PAHO---PR	240,740	5	-	4	176,328	14,253	1	4	13,396	1,339	23,265	12,159
PM	52,605	-	-	-	5,400	-	-	-	-	-	32,280	14,925
PW	4,600	-	-	1	1,800	-	-	2	2,800	-	-	-
PG	50,254	-	-	-	18,029	1,155	-	-	4,829	2,331	3,282	20,628
WHO---WR	153,607	1	-	9	72,976	6,024	4	9	32,034	8,488	29,074	5,011
WT	148,520	5	-	-	115,086	7,650	3	1	23,284	-	2,200	300
WS	13,797	-	-	-	10,451	360	-	-	-	-	2,443	543
WO	116	-	-	-	116	-	-	-	-	-	-	-
TOTAL	664,239	11	-	14	400,186	29,442	8	16	76,343	12,158	92,544	53,566
PER CENT OF TOTAL	100.0				60.3	4.4			11.5	1.8	13.9	8.1
1971												
PAHO---PR	261,772	4	-	2	182,118	14,743	3	6	24,392	688	27,421	12,410
PM	5,400	-	-	3	5,400	-	-	-	-	-	-	-
PG	32,755	-	-	-	16,346	1,005	-	-	3,640	79	1,893	9,792
WHO---WR	173,711	1	-	7	84,109	6,367	7	10	46,905	8,896	21,383	6,051
WT	149,794	5	-	-	120,134	7,902	2	-	19,074	-	2,384	300
WS	10,694	-	-	-	8,964	360	-	-	-	-	764	606
WO	125	-	-	-	125	-	-	-	-	-	-	-
TOTAL	634,251	10	-	12	417,196	30,377	12	16	94,011	9,663	53,845	29,159
PER CENT OF TOTAL	100.0				65.8	4.8			14.8	1.5	8.5	4.6
1972												
PAHO---PR	342,372	4	-	5	223,229	16,971	5	9	36,675	4,452	48,433	12,612
PM	24,385	-	-	-	13,213	556	-	-	2,206	117	1,525	6,768
PG	215,509	1	-	11	97,351	6,483	7	13	48,756	10,209	47,370	5,340
WHO---WR	159,794	5	-	-	120,134	7,902	2	-	19,074	-	12,384	300
WT	10,067	-	-	-	8,460	360	-	-	-	-	683	564
WS	138	-	-	-	138	-	-	-	-	-	-	-
WO	138	-	-	-	138	-	-	-	-	-	-	-
TOTAL	752,265	10	-	16	462,525	32,272	14	22	106,711	14,778	110,395	25,584
PER CENT OF TOTAL	100.0				61.5	4.3			14.2	1.9	14.7	3.4
PAHO PR-REGULAR BUDGET PM-SPECIAL FUND FOR MALARIA ERADICATION PW-COMMUNITY WATER SUPPLY PG-GRANTS AND OTHER CONTRIBUTIONS PI-INCAP AND OTHER RELATED GRANTS												
WHO WR-REGULAR BUDGET WA-MALARIA ERADICATION SPECIAL ACCOUNT WT-UNITED NATIONS TECHNICAL ASSISTANCE WS-UNITED NATIONS SPECIAL FUND WO-GRANTS AND OTHER FUNDS												

DETAILBOLIVIA-0100, EPIDEMIOLOGY

THE PURPOSE OF THIS PROJECT IS TO DETERMINE THE PREVALENCE AND CHARACTERISTICS OF COMMUNICABLE DISEASES IN BOLIVIA AND TO COOPERATE IN FORMULATING AND IMPLEMENTING PREVENTIVE MEASURES, IN INTRODUCING NEW CONTROL TECHNIQUES, IN CONDUCTING RESEARCH, AND IN TRAINING OF PERSONNEL. DURING 1969, WITH THE APPOINTMENT OF THE FIRST DIRECTOR OF THE NATIONAL INSTITUTE OF PUBLIC HEALTH LABORATORIES, A REORGANIZATION OF THE INSTITUTE BEGAN.

AN "INTEGRATED VACCINATION PLAN" IS BEING DEVELOPED, COORDINATING UNDER THE MINISTRY OF HEALTH ALL THE ACTIVITIES OF THE HEALTH AGENCIES IN BOLIVIA. THE PLAN WILL INCLUDE ALL THE AGRICULTURAL AREAS IN THE EAST OF BOLIVIA, WHERE SOME 670,000 PERSONS ARE BEING RESETTLED AT A COST OF SOME \$12 MILLION. SUCH AREAS OFFER GREAT EPIDEMIOLOGICAL RISKS WHICH SHOULD BE PREVENTED.

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
								\$	\$	\$	\$
TOTAL		1	1	1	1	TOTAL		6,774	30,400	29,000	35,400
P-4 MEDICAL OFFICER 4.3333	WT	1	1	1	1	SUBTOTAL	PR	1,422	6,400	5,000	11,400
TOTAL		-	1	1	1	SUPPLIES AND EQUIPMENT FELLOWSHIPS		1,422	5,000	3,600	10,000
FELLOWSHIPS-SHORT TERM	PR	-	1	1	1			-	1,400	1,400	1,400
						SUBTOTAL	WT	5,352	24,000	24,000	24,000
						PERSONNEL-POSTS DUTY TRAVEL		5,217	22,500	22,500	22,500
								135	1,500	1,500	1,500
						EST. GOVERNMENT CONTRIB.			( 80,000 )	( 80,000 )	( 80,000 )

BOLIVIA-0200, MALARIA ERADICATION

THE MALARIA ERADICATION PROGRAM BEGAN IN 1958 IN AN AREA OF 75 PER CENT OF THE COUNTRY WITH 27 PER CENT OF THE POPULATION. INITIAL RESULTS CONTRIBUTED TO THE COLONIZATION OF THE ORIGINAL MALARIOUS AREAS, WITH THE RESULT THAT ITS POPULATION NOW IS 31.7 PER CENT OF THE TOTAL POPULATION. HOWEVER, THESE MIGRATORY MOVEMENTS AND INADEQUATE FINANCING HAVE CAUSED SETBACKS IN THE PROGRAM. THUS, WHILE IN 1968 85 PER CENT OF THE POPULATION OF THE MALARIOUS AREA WAS BEING CONSOLIDATED, THIS PROPORTION DECREASED TO 76.8 PER CENT IN 1969. THE NUMBER OF CASES REPORTED DURING THE FIRST 11 MONTHS OF 1969 WAS 3,957 FROM 167,287 BLOOD SLIDES EXAMINED, WHILE IN 1968 THERE WERE 1,998 CASES FROM 187,635 BLOOD SLIDES EXAMINED.

THE ATTACK PHASE IS EXPECTED TO CONTINUE THROUGH 1972 IN AN AREA OF 396,982 SQUARE KILOMETERS WITH A POPULATION OF 355,000 PEOPLE, OR 23.2 PER CENT OF THE TOTAL MALARIOUS AREA. IN ADDITION TO THE PROTECTION PROVIDED BY APPLICATION OF INSECTICIDES, A PROGRAM OF COLLECTIVE DRUG TREATMENT IS BEING CARRIED OUT IN A LIMITED AREA OF THE RIO PILCOMAYO WITH A POPULATION OF 15,000 PEOPLE.

UNICEF COOPERATES IN THIS PROJECT.

		4	2	2	1		PR	60,121	45,316	46,985	34,149
TOTAL						TOTAL					
P-4 MEDICAL OFFICER .0334	PR	1	1	1	1	PERSONNEL-POSTS DUTY TRAVEL		48,117	33,416	35,085	22,249
P-2 SANITARIAN .0336	PR	1	-	-	-			3,608	3,000	3,000	3,000
P-1 SANITARIAN .0335 .0337	PR	2	1	1	-	SUPPLIES AND EQUIPMENT FELLOWSHIPS		7,406	7,500	7,500	7,500
								990	1,400	1,400	1,400
TOTAL		1	1	1	1	EST. GOVERNMENT CONTRIB.			( 362,000 )	( 360,000 )	( 360,000 )
FELLOWSHIPS-ACADEMIC	PR	1	-	-	-						
FELLOWSHIPS-SHORT TERM	PR	-	1	1	1						

BOLIVIA-0300, SMALLPOX ERADICATION

THE VACCINATION CAMPAIGN, CARRIED OUT FROM 1963 THROUGH 1968, HAS REACHED APPROXIMATELY 85 PER CENT OF THE POPULATION; HOWEVER, A MAINTENANCE PROGRAM DID NOT FOLLOW THE ATTACK PHASE, AND AN EVALUATION PERFORMED IN 1968 DEMONSTRATED THAT CHILDREN UNDER FIVE YEARS OF AGE WERE NOT IMMUNIZED AFTER THE CAMPAIGN.

IN FEBRUARY 1969, A COMBINED PROGRAM OF SMALLPOX AND BCG VACCINATION BEGAN, AND IT WILL VACCINATE 2,170,000 PERSONS IN THE NEXT FIVE YEARS.

		-	1	1	1		WR	-	17,000	17,000	17,000
TOTAL						TOTAL					
FELLOWSHIPS-SHORT TERM	WR	-	1	1	1	SUPPLIES AND EQUIPMENT FELLOWSHIPS		-	15,000	15,000	15,000
								-	2,000	2,000	2,000



BOLIVIA-3100, HEALTH SERVICES

THE OBJECTIVE OF THIS PROJECT IS TO DEVELOP THE HEALTH SERVICES AT NATIONAL AND LOCAL LEVELS AND TO TRAIN PROFESSIONAL AND AUXILIARY HEALTH PERSONNEL.

A TEN-YEAR NATIONAL HEALTH PLAN (1966-1975) HAS BEEN PREPARED, THE MINISTRY OF PUBLIC HEALTH HAS BEEN REORGANIZED, AND THE COUNTRY HAS BEEN DIVIDED INTO TEN HEALTH UNITS. A COMMUNITY DEVELOPMENT DIVISION HAS BEEN SET UP TO PLAN, SUPERVISE, COORDINATE, AND EVALUATE HEALTH PROGRAMS, PARTICULARLY IN RURAL AREAS. THE SCHOOL OF PUBLIC HEALTH REOPENED IN JUNE 1969. THE PROGRAM STARTED WITH THE DEVELOPMENT OF SERVICES IN THE DEPARTMENTS OF COCHABAMBA AND TARIJA (SEE PROJECT BOLIVIA-3104 BELOW); IT WAS EXTENDED TO THE DEPARTMENTS OF SANTA CRUZ, PANDO, AND BENI IN 1968-1969 AND WILL BE EXTENDED LATER TO THE REMAINING FIVE HEALTH UNITS.

UNICEF COOPERATES IN THIS PROJECT.

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
								\$	\$	\$	\$
TOTAL		3	3	3	3	TOTAL		71,598	105,209	115,527	127,644
P-5 PAHO/WHO REPRESENTATIVE .3045	PR	1	1	1	1	SUBTOTAL	PR	34,099	32,705	50,726	46,747
P-4 MEDICAL OFFICER 4.0344	WT	1	1	1	1	PERSONNEL-POSTS		22,517	23,705	24,726	25,747
P-3 NURSE 4.0338	WR	1	1	1	1	DUTY TRAVEL		1,482	1,500	1,500	1,500
TOTAL		8	9	11	13	SUPPLIES AND EQUIPMENT		-	-	9,000	-
FELLOWSHIPS-ACADEMIC	PR	1	1	3	4	FELLOWSHIPS		7,448	4,000	12,000	15,000
FELLOWSHIPS-ACADEMIC	WR	1	2	5	5	COMMON SERVICES		2,652	3,500	3,500	3,500
FELLOWSHIPS-ACADEMIC	WT	-	1	-	-	SUBTOTAL	WR	16,260	38,404	40,796	56,897
FELLOWSHIPS-SHORT TERM	PR	3	-	-	-	PERSONNEL-POSTS		11,192	13,804	14,596	15,297
FELLOWSHIPS-SHORT TERM	WR	3	4	3	4	DUTY TRAVEL		551	1,000	1,000	1,000
FELLOWSHIPS-SHORT TERM	WT	-	1	-	-	SUPPLIES AND EQUIPMENT		-	10,000	1,000	15,000
						FELLOWSHIPS		4,517	13,600	24,700	25,600
						SUBTOTAL	WT	21,239	34,100	24,000	24,000
						PERSONNEL-POSTS		19,962	22,500	22,500	22,500
						DUTY TRAVEL		1,277	1,500	1,500	1,500
						FELLOWSHIPS		-	10,100	-	-

BOLIVIA-3102, FELLOWSHIPS

FELLOWSHIPS ARE PROVIDED IN ORDER TO TRAIN PERSONNEL FOR THE IMPROVEMENT AND EXPANSION OF HEALTH SERVICES IN THE COUNTRY.

TOTAL		18	1	1	1	TOTAL	WR	29,198	4,000	4,000	4,000
FELLOWSHIPS-ACADEMIC	WR	7	1	1	1	FELLOWSHIPS		29,198	4,000	4,000	4,000
FELLOWSHIPS-SHORT TERM	WR	11	-	-	-						

BOLIVIA-3104, HEALTH SERVICES (COCHABAMBA AND TARIJA)

BOLIVIA HAS HIGH RATES OF MORBIDITY AND MORTALITY. IN 1965 THE GENERAL MORTALITY RATE WAS 14 PER 1,000 AND THE INFANT MORTALITY RATE WAS 106.5 PER 1,000 LIVE BIRTHS. THE AIM OF THIS PROJECT IS TO IMPROVE THE LEVEL OF HEALTH OF BOTH THE URBAN AND RURAL POPULATIONS BY DEVELOPING INTEGRATED HEALTH SERVICES IN ACCORDANCE WITH THE TEN-YEAR NATIONAL HEALTH PLAN (1966-1975). THE WORK STARTED IN 1967 IN THE DEPARTMENTS OF COCHABAMBA AND TARIJA, WITH A POPULATION OF SOME 871,907 (70 PER CENT IN RURAL AREAS). THE TECHNICAL AND ADMINISTRATIVE ORGANIZATION IS BEING IMPROVED, AND THE SERVICES FOR HEALTH CARE AND PROTECTION AND PROMOTION OF HEALTH ARE BEING INTEGRATED, SO THAT THE HEALTH SERVICES IN THESE DEPARTMENTS MAY BE USED FOR DEMONSTRATING HEALTH TECHNIQUES TO BE EXTENDED LATER TO OTHER PARTS OF THE COUNTRY.

TOTAL		2	2	2	2	TOTAL	WT	33,780	54,400	54,400	64,400
P-4 SANITARY ENGINEER 4.2149	WT	1	1	1	1	PERSONNEL-POSTS		29,129	45,000	45,000	45,000
P-3 NURSE 4.2150	WT	1	1	1	1	DUTY TRAVEL		2,319	3,000	3,000	3,000
TOTAL		1	1	1	1	SUPPLIES AND EQUIPMENT		-	-	-	10,000
FELLOWSHIPS-ACADEMIC	WT	1	1	1	1	FELLOWSHIPS		2,332	6,400	6,400	6,400

BOLIVIA-3500, HEALTH STATISTICS

THE OBJECTIVE OF THIS PROJECT IS TO COOPERATE WITH THE MINISTRY OF PUBLIC HEALTH IN REORGANIZING BIOSTATISTICAL SERVICES AT NATIONAL AND LOCAL LEVELS. THE WORK INCLUDES TRAINING OF STAFF, IMPROVEMENT OF DATA COLLECTION, AND ORGANIZATION OF A SYSTEM FOR THE REPORTING OF NOTIFIABLE DISEASE. IN ADDITION, STATISTICAL TECHNICIANS WILL BE TRAINED TO IMPROVE HOSPITAL RECORDS SYSTEMS AND TO SERVE AS INSTRUCTORS FOR STATISTICAL AUXILIARIES.

. . . CONTINUED

BOLIVIA-3500, HEALTH STATISTICS . . . CONTINUED

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
								\$	\$	\$	\$
TOTAL		1	1	1	1	TOTAL		7,546	32,400	32,400	32,400
P-2 STATISTICIAN 4.3227	WT	1	1	1	1	SUBTOTAL	WR	4,733	-	-	-
TOTAL		3	1	1	1	FELLOWSHIPS		4,733	-	-	-
FELLOWSHIPS-ACADEMIC	WR	2	-	-	-	SUBTOTAL	WT	2,813	32,400	32,400	32,400
FELLOWSHIPS-ACADEMIC	WT	1	1	1	1	PERSONNEL-POSTS		2,705	22,500	22,500	22,500
						DUTY TRAVEL		108	1,500	1,500	1,500
						SUPPLIES AND EQUIPMENT		-	2,000	2,000	2,000
						FELLOWSHIPS		-	6,400	6,400	6,400

BOLIVIA-3600, ADMINISTRATIVE METHODS AND PRACTICES IN PUBLIC HEALTH

IN 1969 SHORT-TERM CONSULTANTS WORKED WITH THE GOVERNMENT IN THE IMPROVEMENT OF ITS ADMINISTRATIVE METHODS AND PRACTICES.

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
TOTAL		2	-	-	-	TOTAL	PR	2,983	-	-	-
CONSULTANT MONTHS	PR	2	-	-	-	PERSONNEL-CONSULTANTS		2,983	-	-	-

BOLIVIA-4200, NUTRITION

THE PURPOSE OF THIS PROJECT IS TO REDUCE THE PREVALENCE OF PROTEIN-CALORIE MALNUTRITION IN PRESCHOOL CHILDREN BY INCORPORATING FEEDING AND NUTRITION ACTIVITIES INTO THE HEALTH SERVICES AND BY A RATIONAL UTILIZATION OF BILATERAL (USAID, CARE, CARITAS) AND INTERNATIONAL (UNICEF, WFP) FOOD AND ECONOMIC ASSISTANCE.

ASSISTANCE WILL BE GIVEN IN THE DEVELOPMENT OF A NATIONAL NUTRITION POLICY.

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
TOTAL		-	-	-	1	TOTAL	PR	-	-	-	30,423
P-3 NUTRITIONIST .3587	PR	-	-	-	1	PERSONNEL-POSTS		-	-	-	19,223
TOTAL		-	-	-	4	DUTY TRAVEL		-	-	-	1,000
FELLOWSHIPS-ACADEMIC	PR	-	-	-	1	SUPPLIES AND EQUIPMENT		-	-	-	2,000
FELLOWSHIPS-SHORT TERM	PR	-	-	-	3	FELLOWSHIPS		-	-	-	8,200

BOLIVIA-4500, RADIATION PROTECTION

THE PURPOSE OF THIS PROJECT IS TO COOPERATE IN THE DEVELOPMENT OF A FILM BADGE DOSIMETRY SERVICE, A RADIATION PROTECTION SURVEY SERVICE IN THE FIELD, AND A SMALL LABORATORY ANALYSIS PROGRAM FOR CONTAMINATION DUE TO RADIOACTIVE MATERIALS.

	FUND	1969	1970	1971	1972
TOTAL	PR	700	-	-	-
SUPPLIES AND EQUIPMENT		700	-	-	-

BOLIVIA-6200, MEDICAL EDUCATION

THE PURPOSE OF THIS PROJECT IS TO ASSIST THE THREE MEDICAL SCHOOLS IN BOLIVIA IN REVISING THEIR PROGRAMS TO CORRESPOND BETTER WITH THE HEALTH NEEDS OF THE COUNTRY AND IN INCORPORATING CONCEPTS OF SOCIAL AND PREVENTIVE MEDICINE INTO THE CURRICULA.

A SURVEY CARRIED OUT FROM 1967 TO 1969 AND A SEMINAR ON MEDICAL EDUCATION HELD IN 1969 LED TO THE FOLLOWING RECOMMENDATIONS: RESTRUCTURE OF MEDICAL EDUCATION, STUDY OF HEALTH MANPOWER RESOURCES, ESTABLISHMENT OF A LABORATORY OF HUMAN RELATIONS AND MEDICAL TEACHING, BETTER COORDINATION OF ACTIVITIES BETWEEN THE THREE SCHOOLS AND THE MINISTRY OF HEALTH, AND ASSISTANCE IN THE TEACHING OF PATHOLOGY.

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
TOTAL		1	2	2	4	TOTAL		1,007	7,800	7,800	14,200
CONSULTANT MONTHS	PR	1	-	-	-	SUBTOTAL	PR	1,007	-	-	-
CONSULTANT MONTHS	WR	-	2	2	4	PERSONNEL-CONSULTANTS		1,007	-	-	-
TOTAL		-	3	3	5	SUBTOTAL	WR	-	7,800	7,800	14,200
FELLOWSHIPS-SHORT TERM	WR	-	3	3	5	PERSONNEL-CONSULTANTS		-	3,600	3,600	7,200
						FELLOWSHIPS		-	4,200	4,200	7,000



BOLIVIA-6400, SANITARY ENGINEERING EDUCATION

THE DEVELOPMENT IN RECENT YEARS OF PROGRAMS IN WATER SUPPLY, IN SEWERAGE, AND IN RELATED ENVIRONMENTAL CONTROL CALLS FOR TRAINED TECHNICAL MANPOWER IN EXCESS OF THOSE AVAILABLE. THE AIM OF THIS PROJECT IS TO IMPROVE THE TEACHING OF SANITARY ENGINEERING AND TO INCREASE THE NUMBER OF TRAINED PERSONNEL AVAILABLE FOR THE WATER, SEWERAGE, AND OTHER SANITATION PROGRAMS.

SHORT, INTENSIVE POSTGRADUATE COURSES ARE BEING HELD AT THE SCHOOL OF ENGINEERING OF THE UNIVERSITY OF SAN ANDRES IN LA PAZ AND AT THE TECHNICAL UNIVERSITY OF ORURO. IN THE PAST FEW YEARS, AN AVERAGE OF THREE COURSES A YEAR HAVE PROVIDED TRAINING TO SOME 100 ENGINEERS ANNUALLY. IN ADDITION, CHANGES ARE BEING INTRODUCED IN THE TEACHING OF SANITARY ENGINEERING WITHIN CIVIL AND MINING ENGINEERING COURSES AT BOTH UNIVERSITIES. IT IS HOPED THAT THE SCHOOL OF ENGINEERING OF POTOSI WILL EVENTUALLY DEVELOP POSTGRADUATE TRAINING ACTIVITIES. IT IS ALSO EXPECTED THAT THE UNIVERSITIES WILL IMPROVE THEIR LABORATORIES AND RELATED FACILITIES.

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
								\$	\$	\$	\$
TOTAL		3	2	2	2	TOTAL	PR	8,585	10,400	10,400	10,400
CONSULTANT MONTHS	PR	3	2	2	2	PERSONNEL-CONSULTANTS		3,419	3,600	3,600	3,600
TOTAL		-	2	2	2	SUPPLIES AND EQUIPMENT		366	-	-	-
FELLOWSHIPS-SHORT TERM	PR	-	2	2	2	FELLOWSHIPS		-	2,800	2,800	2,800
						GRANTS		4,800	4,000	4,000	4,000

BOLIVIA-6500, VETERINARY MEDICINE EDUCATION

THE LACK OF VETERINARIANS IN THE MINISTRIES OF HEALTH AND AGRICULTURE HAMPERS THE DEVELOPMENT OF SOUND AND EFFECTIVE VETERINARY PUBLIC HEALTH ACTIVITIES IN THE COUNTRY.

THE PURPOSE OF THIS PROJECT IS TO COOPERATE WITH THE SCHOOL OF VETERINARY MEDICINE OF THE UNIVERSITY OF SANTA CRUZ DE LA SIERRA IN PREPARING A NEW CURRICULUM IN WHICH PLANS OF STUDY IN PREVENTIVE MEDICINE AND PUBLIC HEALTH WILL BE INCORPORATED, IN ORGANIZING NEW LABORATORIES, AND IN TRAINING TEACHERS AND OTHER SPECIALIZED PERSONNEL.

THE INTER-AMERICAN DEVELOPMENT BANK COOPERATES WITH THE FINANCING OF THIS PROJECT.

		1	4	2	4			2,700	11,200	7,600	16,200
TOTAL		1	4	2	4	TOTAL		2,700	11,200	7,600	16,200
CONSULTANT MONTHS	PR	1	-	-	-	CONSULTANT MONTHS	PR	2,700	-	-	-
CONSULTANT MONTHS	WR	-	4	2	4	SUBTOTAL		-	-	-	-
TOTAL		-	1	1	1	PERSONNEL-CONSULTANTS		2,700	-	-	-
FELLOWSHIPS-ACADEMIC	WR	-	1	1	1	SUBTOTAL	WR	-	11,200	7,600	16,200
						PERSONNEL-CONSULTANTS		-	7,200	3,600	7,200
						SUPPLIES AND EQUIPMENT		-	-	-	5,000
						FELLOWSHIPS		-	4,000	4,000	4,000

BOLIVIA-6600, DENTAL EDUCATION

THE PURPOSE OF THIS PROJECT IS TO COOPERATE IN REORGANIZING THE CURRICULA OF THE SCHOOLS OF DENTISTRY AT LA PAZ, TARIJA, AND SUCRE, TO STRENGTHEN THE TEACHING PROGRAM, AND TO INCORPORATE THE TEACHING OF SOCIAL AND PREVENTIVE DENTISTRY.

		-	3	3	3		WR	-	6,800	9,600	14,600
TOTAL		-	3	3	3	TOTAL		-	6,800	9,600	14,600
CONSULTANT MONTHS	WR	-	3	3	3	PERSONNEL-CONSULTANTS		-	5,400	5,400	5,400
TOTAL		-	1	3	3	SUPPLIES AND EQUIPMENT		-	-	-	5,000
FELLOWSHIPS-SHORT TERM	WR	-	1	3	3	FELLOWSHIPS		-	1,400	4,200	4,200

BOLIVIA  
PORTIONS OF INTERCOUNTRY PROJECTS

	1969	1970	1971	1972
	\$	\$	\$	\$
TOTAL AMRC PROJECTS	196,029	287,598	263,183	294,200
0104 EPIDEMIOLOGY -- ZONE IV	4,214	3,733	4,079	4,194
0111 EPIDEMIOLOGICAL SURVEILLANCE PROGRAM	-	-	-	1,402
0200 MALARIA TECHNICAL ADVISORY SERVICES	2,599	2,257	2,394	2,584
0217 FIELD INVESTIGATION OF MASS DRUG TREATMENT	158	-	-	-
0218 PROMOTION OF RURAL HLTH SERV AND ERADICATION CAMPAIGNSNS	6,362	4,874	5,520	11,163
0219 DATA PROCESSING & OPERATIONS RESEARCH IN MALARIA ERADICATION	-	869	1,658	2,693
0220 FIELD RESEARCH IN MALARIA ERADICATION	600	52,605	-	-
0300 SMALLPOX ERADICATION	6,907	8,145	9,861	12,856
0304 SMALLPOX ERADICATION -- ZONE IV	9,233	9,900	9,976	10,364
0307 SEMINARS ON SMALLPOX ERADICATION	-	3,291	3,291	3,291
0400 TUBERCULOSIS CONTROL	359	1,291	2,711	4,358
0404 TUBERCULOSIS CONTROL -- ZONE IV	1,727	2,925	3,846	4,251
0408 SEMINAR ON TUBERCULOSIS CONTROL	-	-	1,009	-
0409 COURSES ON TUBERCULOSIS - EPIDEMIOLOGY	623	1,699	2,133	2,133
0410 COURSES ON TUBERCULOSIS - BACTERIOLOGY	430	1,451	1,675	1,675
0500 LEPRECY CONTROL	1,144	1,644	1,846	2,118
0504 LEPRECY CONTROL -- ZONE IV	1,541	-	-	-
0600 VENEREAL DISEASE CONTROL	101	408	144	432
0700 PAN AMERICAN ZOONOSES CENTER - RAMOS MEJIA	7,773	8,529	8,498	9,387
0704 VETERINARY PUBLIC HEALTH - ZONE IV	4,005	4,592	4,664	4,902
0713 SEMINAR ON ANIMAL TUBERCULOSIS	-	1,040	-	-
0714 SYMPOS ON THE HLTH ASPECTS OF THE INTERNAL MOVMT OF ANIMALS	-	-	-	1,006
0716 SEMINAR ON RABIES VACCINE PRODUCTION AND CONTROL	1,014	-	-	-
0717 SEMINAR ON RABIES -- ZONE IV	682	-	-	-
0718 SEMINAR ON EPIDEMIOLOGY OF THE ZOONOSES	-	-	-	711
0900 PLAGUE CONTROL	1,278	1,080	1,080	2,632
1008 CHAGAS' DISEASE	242	215	252	570
2100 ENVIRONMENTAL SANITATION	138	352	352	603
2104 SANITARY ENGINEERING -- ZONE IV	5,513	6,388	8,007	8,542
2112 AIP POLLUTION CONFERENCE	82	-	-	-
2114 PAN AMERICAN SANITARY ENGINEERING CENTER	4,786	8,261	10,460	11,176
2116 CONFERENCE ON INTEGRATION OF ENVIRONMENTAL PROGRAMS	-	-	-	547
2200 WATER SUPPLIES	4,565	2,101	3,293	3,497
2213 STUDIES AND INVESTIGATIONS OF WATER RESOURCES	487	2,600	1,352	1,352
2214 SEMINAR ON WATER POLLUTION CONTROL	-	833	-	-
2215 APPLIED RESEARCH ON WATER SUPPLIES	348	-	150	300
2220 PUBLIC SERVICES ADMINISTRATION	-	1,986	8,479	9,077
2222 SEMINAR ON LOANS & PROJECT DEVELOPMENT	-	-	-	972
2223 SEMINARS ON PUBLIC SERVICES ADMINISTRATION	-	-	-	458
2400 PUBLIC HEALTH ASPECTS OF HOUSING AND URBANIZATION	-	211	219	228
3110 COORDINATION OF INTERNATIONAL RESEARCH	2,031	1,254	1,372	1,982
3122 DEVELOPMENT OF RIO PLATA BASIN	4,265	4,830	5,395	7,566
3124 APPLICATION OF DATA PROCESSING TO HEALTH ADMINISTRATION	395	-	-	-
3129 RESEARCH TRAINING IN BIOMEDICAL SCIENCES	-	1,664	1,664	832
3130 CONFERENCE ON MYCOLOGY	-	1,131	-	-
3200 NURSING SERVICES	251	866	921	1,209
3204 NURSING -- ZONE IV	5,044	5,644	5,901	6,159
3210 HOSPITAL NURSING SERVICES	27	957	1,172	1,239
3211 SEMINAR ON PLANNING FOR NURSING	-	945	-	-
3213 SEMINAR ON ADMINISTRATION OF NURSING SERVICES	-	-	1,917	-
3300 LABORATORY SERVICES	416	484	503	503
3304 LABORATORY SERVICES - ZONE IV	-	-	-	6,108
3310 CONFERENCE ON VIRAL AND RICKETTSIAL VACCINES	-	1,406	-	-
3311 TRAINING LABORATORY PERSONNEL	-	776	606	667
3400 HEALTH EDUCATION	59	249	373	373
3407 COMMUNITY DEVELOPMENT TRAINING CENTER	1,231	1,122	1,216	1,191
3409 STUDY GROUP ON HEALTH EDUCATION AND PLANNING	1,060	-	-	-
3500 HEALTH STATISTICS	14	-	353	309
3504 HEALTH STATISTICS -- ZONE IV	2,858	3,988	4,523	4,066
3513 INTER-AMER. INVES. OF MORTALITY, IN CHILDHOOD	29,050	23,428	9,648	2,485
3516 REGIONAL SEMINAR ON DATA PROCESSING	-	620	-	-
3600 ADMINISTRATIVE METHODS AND PRACTICES IN PUBLIC HEALTH	1,596	1,536	1,569	2,214
3604 ADMINISTRATIVE METHODS AND PRACTICES - ZONE IV	-	-	-	4,786
3607 MANAGEMENT OF HEALTH SERVICES	-	-	5,094	5,094
3700 HEALTH PLANNING	2,099	4,200	3,908	4,080
3704 HEALTH PLANNING - ZONE IV	7,476	5,893	6,128	6,350

## BOLIVIA - PORTIONS OF INTERCOUNTRY PROJECTS . . . CONTINUED

3715	PAN AMERICAN PROGRAM FOR HEALTH PLANNING	5,025	15,195	12,092	11,390
4100	MATERNAL AND CHILD HEALTH	64	401	438	1,449
4108	CLINICAL AND SOCIAL PEDIATRICS	761	1,311	1,311	1,311
4115	NURSING-MIDWIFERY EDUCATION	613	-	-	-
4116	FACULTY TRAINING IN MATERNAL AND CHILD HEALTH	-	-	2,222	-
4117	STAFFING MATERNAL AND CHILD HEALTH SERVICES	-	281	281	-
4118	STUDY GROUP ON GUIDE FOR NURSING-MIDWIFERY SERVICES	-	-	-	1,243
4119	MATERNAL AND CHILD HEALTH FELLOWSHIPS	-	1,625	696	870
4200	NUTRITION ADVISORY SERVICES	259	390	597	674
4203	INSTITUTE OF NUTRITION OF CENTRAL AMERICA AND PANAMA	8,750	7,163	7,021	7,402
4204	NUTRITION ADVISORY SERVICES -- ZONE IV	8,560	8,378	8,957	8,874
4221	SEMINAR ON NUTRITION IN FOOD AND HEALTH POLICIES	145	-	201	201
4233	NUTRITION TEACHING IN MEDICAL SCHOOLS	-	-	562	562
4238	NUTRITION RESEARCH	-	360	360	360
4311	STUDY GROUP ON ADM. OF PSYCHIATRIC & MENTAL HEALTH SERVICES	748	-	-	-
4312	COURSES IN COMMUNITY PSYCHIATRY	-	-	-	740
4314	EPIDEMIOLOGICAL STUDY ON EPILEPSY	-	-	2,380	2,380
4315	STUDY GROUP ON TRAINING PSYCHIATRISTS	-	-	-	604
4400	DENTAL HEALTH	620	542	542	911
4409	FLORIDATION	3,677	3,487	3,223	3,122
4500	HEALTH ASPECTS OF RADIATION	524	2,909	2,900	871
4507	RADIATION HEALTH PROTECTION	1,428	1,340	1,371	1,403
4509	RADIATION SURVEILLANCE	16	200	200	200
4700	FOOD AND DRUG CONTROL	1,553	1,650	1,711	1,772
4708	FOOD HYGIENE TRAINING CENTER	-	-	1,251	1,801
4800	MEDICAL CARE SERVICES	1,547	861	1,198	1,219
4804	MEDICAL CARE SERVICES -- ZONE IV	5,269	5,293	5,530	5,771
4810	CHRONIC DISEASES	1,010	1,242	1,294	1,349
4813	HOSPITAL PLANNING AND ADMINISTRATION	155	276	2,443	2,486
4815	TRAINING FOR MEDICAL CARE AND HOSPITAL ADMINISTRATION	170	200	1,104	1,288
4819	SEMINAR ON CANCER REGISTRATION	643	-	-	-
4900	HEALTH AND POPULATION DYNAMICS	4,390	9,801	9,029	6,915
5000	REHABILITATION	745	1,679	2,475	2,440
5008	SEMINAR ON REHABILITATION	-	1,245	-	-
6000	MEDICAL EDUCATION - TEXTBOOKS AND TEACHING	7,844	3,704	3,704	4,445
6200	MEDICAL EDUCATION	2,710	2,434	2,348	2,422
6204	MEDICAL EDUCATION - ZONE IV	4,351	5,531	6,525	6,811
6214	FACULTY TRAINING FOR MEDICAL SCHOOLS	-	1,740	-	-
6216	PREVENTIVE MEDICINE EDUCATION	2,820	2,084	1,685	1,756
6221	LIBRARY OF MEDICINE	-	-	7,241	9,519
6222	SEMINAR ON TEACHING PREVENTIVE AND SOCIAL MEDICINE	-	942	-	-
6223	TEACHING OF BEHAVIORAL SCIENCES	342	528	7,528	7,528
6224	FACULTY AND RESEARCH TRAINING CENTERS	-	1,136	898	898
6225	SURVEY OF FELLOWSHIP PROGRAMS	-	-	252	-
6226	COMMUNITY-CENTERED RESEARCH IN MEDICAL EDUCATION	-	-	-	1,039
6300	NURSING EDUCATION	725	295	295	462
6317	SEMINAR ON NURSING EDUCATION	-	-	1,935	1,935
6319	TRAINING OF NURSING AUXILIARIES	-	1,409	1,669	2,103
6400	SANITARY ENGINEERING EDUCATION	1,290	1,119	1,128	1,172
6500	VETERINARY MEDICINE EDUCATION	-	404	404	436
6600	DENTAL EDUCATION	704	318	626	642
6608	TRAINING OF AUXILIARY DENTAL PERSONNEL	163	292	292	557
6609	LATIN AMERICAN ASSOCIATION OF DENTAL SCHOOLS	470	470	470	470
6700	BIOSTATISTICS EDUCATION	300	1,020	1,020	1,020
6707	LATIN AMERICAN CENTER FOR THE CLASSIFICATION OF DISEASES	884	1,011	1,187	1,215
6708	TRAINING PROGRAM IN HOSPITAL STATISTICS	1,971	3,068	3,378	3,545

BOLIVIA  
SUMMARY OF INVESTMENTS BY SOURCE OF FUNDS

SOURCE OF FUNDS	*-----COUNTRY PROJECTS-----*				*-----PORTIONS OF INTER-COUNTRY PROJECTS-----*			
	1969	1970	1971	1972	1969	1970	1971	1972
TOTAL FUNDS	279,495	376,641	371,068	458,065	196,029	287,598	263,183	294,200
PR PAHO REGULAR	146,676	141,937	144,072	190,368	91,612	98,803	117,700	152,004
PM PAHO SPECIAL MALARIA	-	-	-	-	1,921	52,605	-	-
PW PAHO COMMUNITY WATER SUPPLY	10,143	4,600	5,400	-	-	-	-	-
PG PAHO GRANTS & OTHER CONTRIB.	-	-	-	-	49,245	50,254	32,755	24,385
WR WHO REGULAR	59,492	85,204	86,796	122,897	47,761	68,403	86,915	92,612
WT WHO TECHNICAL ASSISTANCE	63,184	144,900	134,800	144,800	787	3,620	14,994	14,994
WS UNITED NATIONS SPECIAL FUND	-	-	-	-	4,591	13,797	10,694	10,067
WC WHO GRANTS & OTHER FUNDS	-	-	-	-	112	116	125	138

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SOURCE OF FUNDS	*-----TOTAL ALL PROJECTS-----*			
	1969	1970	1971	1972
TOTAL FUNDS	475,524	664,239	634,251	752,265
PR PAHO REGULAR	238,268	240,740	261,772	342,372
PM PAHO SPECIAL MALARIA	1,921	52,605	-	-
PW PAHO COMMUNITY WATER SUPPLY	10,143	4,600	5,400	-
PG PAHO GRANTS & OTHER CONTRIB.	49,245	50,254	32,755	24,385
WR WHO REGULAR	107,253	153,607	173,711	215,509
WT WHO TECHNICAL ASSISTANCE	63,971	148,520	149,794	159,794
WS UNITED NATIONS SPECIAL FUND	4,591	13,797	10,694	10,067
WC WHO GRANTS & OTHER FUNDS	112	116	125	138

## COLOMBIA

## PROGRAM BUDGET

1 9 6 9		1 9 7 0			1 9 7 1		1 9 7 2	
AMOUNT	PERCENT	AMOUNT	PERCENT		AMOUNT	PERCENT	AMOUNT	PERCENT
\$		\$			\$		\$	
377,758	36.1	385,129	18.4	I. PROTECTION OF HEALTH	265,264	38.8	384,118	39.0
264,723	25.3	255,968	12.2	A. COMMUNICABLE DISEASES	238,215	25.3	248,842	25.3
7,021	.7	6,222	.3	0100 GENERAL	6,798	.7	8,391	.8
197,744	18.9	147,198	8.0	0200 MALARIA	145,422	15.4	140,958	14.3
16,716	1.6	38,333	1.8	0300 SMALLPOX	40,127	4.3	43,506	4.4
8,417	.8	10,291	.5	0400 TUBERCULOSIS	14,209	1.5	16,666	1.7
3,384	.3	1,174	.1	0500 LEPROSY	1,318	.2	1,513	.2
124	*	510	*	0600 VENEREAL DISEASES	180	*	540	.1
29,237	2.8	30,252	1.4	0700 ZOOZOSES	28,203	3.0	33,888	3.4
851	.1	720	*	0900 OTHER	720	.1	1,754	.2
1,229	.1	1,268	.1	1000 PARASITIC DISEASES	1,238	.1	1,626	.2
113,035	10.8	129,161	6.2	B. ENVIRONMENTAL HEALTH	127,049	13.5	135,276	13.7
25,363	2.4	39,591	1.9	2100 GENERAL	43,459	4.6	43,761	4.4
43,738	4.2	62,593	3.0	2200 WATER SUPPLIES	57,355	6.1	65,023	6.6
24,724	2.4	8,900	.4	2300 AEDES AEGYPTI ERADICATION	7,400	.8	6,900	.7
19,210	1.8	18,077	.9	2400 HOUSING	18,835	2.0	19,592	2.0
564,037	53.8	1,418,667	67.8	II. PROMOTION OF HEALTH	416,515	44.1	432,800	43.8
261,841	25.0	294,258	14.1	A. GENERAL SERVICES	273,094	28.8	273,571	27.7
104,537	10.0	105,478	5.0	3100 GENERAL PUBLIC HEALTH	109,450	11.6	110,932	11.2
2,482	.2	13,189	.6	3200 NURSING	14,396	1.5	12,728	1.3
35,459	3.4	43,937	2.1	3300 LABORATORY	46,468	4.9	53,276	5.4
5,682	.5	3,941	.2	3400 HEALTH EDUCATION	3,131	.3	3,105	.3
62,793	6.0	53,457	2.6	3500 STATISTICS	26,793	2.8	11,737	1.2
20,446	2.0	18,558	.9	3600 ADMINISTRATIVE METHODS	24,451	2.6	34,645	3.5
30,442	2.9	56,498	2.7	3700 HEALTH PLANNING	48,405	5.1	47,148	4.8
302,196	28.8	1,124,409	53.7	B. SPECIFIC PROGRAMS	143,421	15.3	159,229	16.1
7,379	.7	15,989	.8	4100 MATERNAL AND CHILD HEALTH	17,366	1.9	18,161	1.8
22,622	2.2	22,683	1.1	4200 NUTRITION	24,347	2.6	29,397	3.0
1,494	.1	-	-	4300 MENTAL HEALTH	2,380	.3	13,428	1.4
6,051	.6	5,085	.2	4400 DENTAL HEALTH	5,400	.6	7,985	.8
13,643	1.3	2,540	.1	4500 RADIATION AND ISOTOPES	3,971	.4	8,197	.8
1,401	.1	1,640	.1	4600 OCCUPATIONAL HEALTH	3,810	.4	7,175	.7
1,552	.1	3,133	.1	4700 FOOD AND DRUG	2,961	.3	3,573	.4
35,451	3.4	26,249	1.3	4800 MEDICAL CARE	26,557	2.8	27,405	2.8
209,741	20.0	1,044,168	49.9	4900 HEALTH AND POPULATION DYNAMICS	54,154	5.7	41,469	4.2
2,862	.3	2,922	.1	5000 REHABILITATION	2,475	.3	2,439	.2
106,332	10.1	287,356	13.8	III. DEVELOPMENT OF EDUCATIONAL INSTITUTIONS	161,738	17.1	171,440	17.2
7,299	.7	24,394	1.2	6100 PUBLIC HEALTH	26,751	2.8	30,460	3.1
67,620	6.4	199,836	9.6	6200 MEDICINE	66,042	7.0	71,590	7.2
5,297	.5	13,001	.6	6300 NURSING	17,329	1.8	22,133	2.2
12,758	1.2	23,293	1.1	6400 ENVIRONMENTAL SCIENCES	23,681	2.5	25,214	2.5
2,810	.3	11,594	.6	6500 VETERINARY MEDICINE	11,594	1.2	11,056	1.1
5,426	.5	7,080	.3	6600 DENTISTRY	7,387	.8	1,668	.2
5,122	.5	8,158	.4	6700 BIOSTATISTICS	8,954	1.0	9,319	.9
1,048,127	100.0	2,091,152	100.0	GRAND TOTAL	943,517	100.0	988,358	100.0

\* LESS THAN .05 PERCENT

## COLOMBIA

## SUMMARY OF INVESTMENT

SOURCE OF FUNDS	TOTAL AMOUNT	*-----PERSONNEL-----*			*--DUTY--*	*---FELLOWSHIPS---		*---SEMINARS---	*SUPPLIES*	*--GRANTS--*		
		POSTS PROF.	LOCAL	STC MONTH	TRAVEL AMOUNT	ACAD.	SHORT	PART.	AND EQUIPMENT	AND OTHER		
	\$				\$			\$	\$	\$		
1969												
PAHO---PR	478,147	11	1	7	312,351	37,170	5	9	21,266	9,290	44,027	54,043
PM	6,109	-	-	1	5,648	90	-	-	-	-	281	90
PG	323,174	1	-	2	62,084	6,594	-	-	6,370	10,338	95,027	142,761
WHO---WR	148,832	1	-	4	72,418	7,812	5	18	43,338	6,164	14,754	4,346
WT	79,517	4	-	5	69,910	3,241	2	-	6,066	-	-	300
WS	12,236	-	-	-	9,159	724	-	-	-	-	1,641	712
WO	112	-	-	-	112	-	-	-	-	-	-	-
TOTAL	1,048,127	17	1	19	531,682	55,631	12	27	77,040	25,792	155,730	202,252
PER CENT OF TOTAL	100.0				50.7	5.3			7.4	2.5	14.8	19.3
1970												
PAHO---PR	502,407	9	1	14	323,434	24,946	7	21	61,194	4,797	32,708	55,328
PW	10,000	-	-	2	3,600	-	1	1	5,400	-	1,000	-
PG	1,268,200	1	-	14	97,709	7,374	-	-	16,827	7,192	80,896	1,058,202
WHO---WR	154,679	1	-	7	90,356	7,051	4	3	22,633	9,522	20,107	5,010
WT	118,964	4	-	4	99,326	6,066	2	-	13,184	-	88	300
WS	36,786	-	-	-	27,867	960	-	-	-	-	6,511	1,448
WO	116	-	-	-	116	-	-	-	-	-	-	-
TOTAL	2,091,152	15	1	41	642,408	46,397	14	25	119,238	21,511	141,310	1,120,288
PER CENT OF TOTAL	100.0				30.7	2.2			5.7	1.0	6.8	53.6
1971												
PAHO---PR	516,989	7	1	19	326,742	25,357	10	23	76,190	637	30,235	57,828
PG	84,817	-	-	-	45,335	3,253	-	-	15,638	78	3,871	16,642
WHO---WR	181,277	1	-	6	104,454	7,461	4	6	28,535	11,561	23,216	6,050
WT	131,793	4	-	4	105,633	6,402	2	-	19,074	-	384	300
WS	28,516	-	-	-	23,904	960	-	-	-	-	2,036	1,616
WO	125	-	-	-	125	-	-	-	-	-	-	-
TOTAL	943,517	12	1	29	606,193	43,433	16	29	139,437	12,276	59,742	82,436
PER CENT OF TOTAL	100.0				64.3	4.6			14.8	1.3	6.3	8.7
1972												
PAHO---PR	556,360	5	1	29	343,219	26,461	16	14	87,749	6,351	34,634	57,946
PG	59,050	-	-	-	38,394	2,555	-	-	5,602	117	2,416	9,966
WHO---WR	214,174	1	-	8	123,076	7,827	5	5	29,670	16,289	31,977	5,335
WT	131,793	4	-	4	105,633	6,402	2	-	19,074	-	384	300
WS	26,844	-	-	-	22,560	960	-	-	-	-	1,820	1,504
WO	137	-	-	-	137	-	-	-	-	-	-	-
TOTAL	988,358	10	1	41	633,019	44,205	23	19	142,095	22,757	71,231	75,051
PER CENT OF TOTAL	100.0				64.0	4.5			14.4	2.3	7.2	7.6
-----												
PAHO PR-REGULAR BUDGET					WHO WR-REGULAR BUDGET							
PM-SPECIAL FUND FOR MALARIA ERADICATION					WA-MALARIA ERADICATION SPECIAL ACCOUNT							
PG-COMMUNITY WATER SUPPLY					WT-UNITED NATIONS TECHNICAL ASSISTANCE							
GRANTS AND OTHER CONTRIBUTIONS					WS-UNITED NATIONS SPECIAL FUND							
P-INCAP AND OTHER RELATED GRANTS					WO-GRANTS AND OTHER FUNDS							
-----												

## DETAIL

COLOMBIA-0200, MALARIA ERADICATION

THE MALARIA ERADICATION PROGRAM BEGAN IN 1958, AND BY THE END OF 1969 THE POPULATION IN THE CONSOLIDATION PHASE WAS 8,580,000, OR 68.8 PER CENT OF THE POPULATION OF THE ORIGINAL MALARIOUS AREA. SOME 3,677,000 PEOPLE (29.5 PER CENT) STILL LIVE IN AREAS IN THE ATTACK PHASE, AND APPROXIMATELY 206,000 (1.7 PER CENT) ARE IN INACCESSIBLE AREAS. ONCE INTERRUPTION OF TRANSMISSION HAS BEEN ATTAINED, IT HAS BEEN MAINTAINED AT AN ADEQUATE LEVEL, BUT PROGRESS IN OTHER AREAS HAS BEEN LIMITED BY ADVERSE FACTORS, SUCH AS MIGRATORY MOVEMENTS AND OTHER SOCIAL PROBLEMS.

DURING THE FIRST TEN MONTHS OF 1969, 637,333 BLOOD SAMPLES WERE TAKEN, WITH 34,230 POSITIVE.

UNICEF COOPERATES IN THIS PROJECT.

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
								\$	\$	\$	\$
TOTAL		8	7	5	4	TOTAL		181,391	151,757	127,397	117,103
P-4 MEDICAL OFFICER .0396 .2121	PR	2	2	2	2	SUBTOTAL	PR	180,757	151,757	127,397	117,103
P-4 SANITARY ENGINEER .0397	PR	1	1	1	1	PERSONNEL-POSTS		138,478	118,457	94,097	83,803
P-3 ENTOMOLOGIST .0399	PR	1	1	1	1	DUTY TRAVEL		14,797	10,500	10,500	10,500
P-2 SANITARIAN .0400	PR	1	1	-	-	SUPPLIES AND EQUIPMENT		22,031	20,000	20,000	20,000
P-1 SANITARIAN .0402 .0403 .0405	PR	3	2	1	-	FELLOWSHIPS		5,451	2,800	2,800	2,800
TOTAL		1	-	-	-	SUBTOTAL	PM	634	-	-	-
CONSULTANT MONTHS	PM	1	-	-	-	PERSONNEL-CONSULTANTS		634	-	-	-
TOTAL		4	2	2	2						
FELLOWSHIPS-ACADEMIC	PR	3	-	-	-						
FELLOWSHIPS-SHORT TERM	PR	1	2	2	2						

COLOMBIA-0300, SMALLPOX ERADICATION

THE PURPOSE OF THIS PROJECT IS TO ASSIST WITH A CAMPAIGN, WHICH IS AIMED AT VACCINATING AT LEAST 80 PER CENT OF THE POPULATION AGAINST SMALLPOX WITHIN FOUR AND A HALF YEARS, AND TO HELP WITH THE ORGANIZATION OF A MAINTENANCE AND EPIDEMIOLOGICAL SURVEILLANCE PROGRAM.

SINCE THE START OF THE CAMPAIGN, IN JULY 1967, 57.8 PER CENT COVERAGE OF THE POPULATION HAS BEEN ACHIEVED.

TOTAL		-	1	1	1	TOTAL	WR	578	17,000	17,000	17,000
FELLOWSHIPS-SHORT TERM	WR	-	1	1	1	SUPPLIES AND EQUIPMENT		578	15,000	15,000	15,000
						FELLOWSHIPS		-	2,000	2,000	2,000

COLOMBIA-0400, TUBERCULOSIS CONTROL

THE PURPOSE OF THIS PROJECT IS TO ASSIST IN THE IMPLEMENTATION OF A NATIONAL TUBERCULOSIS CONTROL PROGRAM, BEGINNING WITH A VERIFICATION AREA IN 12 MUNICIPALITIES OF THE DEPARTMENTS OF CUNDINAMARCA AND TOLIMA (175,000 POPULATION) AND WITH EXTENSION TO THE 25 DEPARTMENTS OF THE COUNTRY WITHIN FIVE YEARS.

UNICEF COOPERATES IN THIS PROJECT.

TOTAL		3	-	-	-	TOTAL	PR	3,553	-	-	-
FELLOWSHIPS-SHORT TERM	PR	3	-	-	-	FELLOWSHIPS		3,553	-	-	-

COLOMBIA-2100, ENVIRONMENTAL SANITATION

THE OBJECTIVE OF THIS PROJECT IS TO ASSIST THE MANY GOVERNMENTAL AND LOCAL INSTITUTIONS DEALING WITH ENVIRONMENTAL SANITATION AND SANITARY ENGINEERING WORK IN PLANNING AND DEVELOPING ENVIRONMENTAL SANITATION PROGRAMS IN URBAN AND RURAL AREAS, INCLUDING PROGRAMS FOR WATER SUPPLY AND SEWAGE DISPOSAL, SOLID WASTES DISPOSAL, INDUSTRIAL HEALTH, AIR AND WATER POLLUTION CONTROL, HOUSING AND URBANIZATION, FOOD SANITATION, AND VECTOR CONTROL; AND TO HELP THEM TO TRAIN SANITARY INSPECTORS AND OTHER AUXILIARY PERSONNEL.

THE SANITARY ENGINEERING AND ENVIRONMENTAL SANITATION-RELATED ACTIVITIES INCLUDED IN THE VARIOUS PAHO PROJECTS IN COLOMBIA WILL BE COORDINATED THROUGH THIS PROJECT.

... CONTINUED

## COLOMBIA-2100, ENVIRONMENTAL SANITATION . . . CONTINUED

FUND 1969 1970 1971 1972				FUND 1969 1970 1971 1972							
TOTAL		-	1	1	1	TOTAL	WR	-	34,529	34,016	34,321
P-4 SANITARY ENGINEER 4.0410	WR	-	1	1	1	PERSONNEL-POSTS		-	24,029	23,516	23,821
						PERSONNEL-CONSULTANTS		-	3,600	3,600	3,600
						DUTY TRAVEL		-	1,500	1,500	1,500
TOTAL		-	2	2	2	FELLOWSHIPS		-	5,400	5,400	5,400
CONSULTANT MONTHS	WR	-	2	2	2	EST. GOVERNMENT CONTRIB.			16,000,000	16,000,000	16,000,000
TOTAL		-	2	2	2						
FELLOWSHIPS-ACADEMIC	WR	-	1	1	1						
FELLOWSHIPS-SHORT TERM	WR	-	1	1	1						

## COLOMBIA-2102, WATER QUALITY STUDIES

THE PURPOSE OF THIS PROJECT IS TO COOPERATE IN STUDIES AND PROGRAMS OF THE GOVERNMENT FOR THE CONSERVATION AND WISE USE OF THE WATER RESOURCES OF THE SAVANNAH OF BOGOTA AND THE UBATE AND CHIQUINQUIRA VALLEYS.

FUND 1969 1970 1971 1972				FUND 1969 1970 1971 1972							
TOTAL		-	2	2	2	TOTAL		-	10,000	10,000	10,000
CONSULTANT MONTHS	PR	-	-	2	2	SUBTOTAL	PR	-	-	10,000	10,000
CONSULTANT MONTHS	PW	-	2	-	-						
TOTAL		-	2	2	2	PERSONNEL-CONSULTANTS		-	-	3,600	3,600
FELLOWSHIPS-ACADEMIC	PR	-	-	1	1	SUPPLIES AND EQUIPMENT		-	-	1,000	1,000
FELLOWSHIPS-ACADEMIC	PW	-	1	-	-	FELLOWSHIPS		-	-	5,400	5,400
FELLOWSHIPS-SHORT TERM	PR	-	-	1	1	SUBTOTAL	PW	-	10,000	-	-
FELLOWSHIPS-SHORT TERM	PW	-	1	-	-	PERSONNEL-CONSULTANTS		-	3,600	-	-
						SUPPLIES AND EQUIPMENT		-	1,000	-	-
						FELLOWSHIPS		-	5,400	-	-

## COLOMBIA-2200, WATER SUPPLIES

IN 1969, 65 PER CENT OF THE URBAN POPULATION HAD WATER SUPPLY SERVICE THROUGH HOUSE CONNECTIONS AND 48 PER CENT OF THE RURAL POPULATION WERE SERVED BY HOUSE CONNECTIONS OR PUBLIC HYDRANTS. OF THE URBAN POPULATION, 70 PER CENT HAD SEWERAGE SYSTEM SERVICE, WITH 24 PER CENT OF THE RURAL POPULATION SO SERVED. THE COUNTRY PLANS TO BRING THESE PERCENTAGES TO THE FOLLOWING AMOUNTS RESPECTIVELY DURING THE 1968-1971 PERIOD - 70 PER CENT, 48 PER CENT, 68 PER CENT, AND 25 PER CENT - THROUGH THE EXPENDITURE OF \$36 MILLION FOR WATER SUPPLY CONSTRUCTION AND \$15 MILLION FOR SEWERAGE SYSTEM CONSTRUCTION. INTERNATIONAL LOANS HAVE BEEN OBTAINED (1961-1969) FOR A TOTAL OF 68.8 MILLION FOR WATER SUPPLY AND SEWERAGE SYSTEM CONSTRUCTION AND IMPROVEMENT, WITH 68.1 MILLION IN MATCHING FUNDS PROVIDED BY COLOMBIA.

THE OBJECTIVE OF THIS PROJECT IS TO HELP THE COUNTRY MEET THE GOALS IT HAS SET ITSELF BY PROVIDING ASSISTANCE ON TECHNICAL, FINANCIAL, AND ADMINISTRATIVE MATTERS THROUGH PERMANENT STAFF, SHORT-TERM CONSULTANTS, AND TRAINING.

FUND 1969 1970 1971 1972				FUND 1969 1970 1971 1972							
TOTAL		1	-	-	-	TOTAL	WR	26,841	-	-	-
P-4 SANITARY ENGINEER 4.0410	WR	1	-	-	-	PERSONNEL-POSTS		17,564	-	-	-
						PERSONNEL-CONSULTANTS		2,872	-	-	-
						DUTY TRAVEL		873	-	-	-
TOTAL		2	-	-	-	FELLOWSHIPS		5,532	-	-	-
CONSULTANT MONTHS	WR	2	-	-	-						
TOTAL		3	-	-	-						
FELLOWSHIPS-ACADEMIC	WR	1	-	-	-						
FELLOWSHIPS-SHORT TERM	WR	2	-	-	-						

## COLOMBIA-2300, AEDIS AEGYPTI ERADICATION

THE ERADICATION OF AEDIS AEGYPTI WAS COMPLETED IN 1951; SUBSEQUENTLY THERE HAVE BEEN A NUMBER OF REINFECTIONS IN THE AREA OF THE FRONTIER WITH VENEZUELA AND IN THE NORTHERN COASTAL REGION. IT IS NECESSARY TO MAINTAIN AND STRENGTHEN THE ERADICATION CAMPAIGN TO ELIMINATE REINFECTIONS AND TO PROMOTE VIGILANCE ACTIVITIES TO PREVENT NEW REINFECTIONS.

FUND 1969 1970 1971 1972				FUND 1969 1970 1971 1972							
TOTAL		1	-	-	-	TOTAL	PR	24,724	8,900	7,400	6,900
P-2 SANITARIAN .0406	PR	1	-	-	-	PERSONNEL-POSTS		15,642	-	-	-
						PERSONNEL-CONSULTANTS		-	5,400	5,400	5,400
						DUTY TRAVEL		3,693	-	-	-
TOTAL		-	3	3	3	SUPPLIES AND EQUIPMENT		5,389	3,500	2,000	1,500
CONSULTANT MONTHS	PR	-	3	3	3						





COLOMBIA-4200, NUTRITION

THE PURPOSE OF THIS PROJECT IS TO ASSIST IN IMPROVING THE NUTRITIONAL STATUS OF THE POPULATION THROUGH COORDINATED ACTION OF THE LOCAL HEALTH, EDUCATION, AGRICULTURAL, AND COMMUNITY DEVELOPMENT SERVICES. BEGUN IN THREE DEPARTMENTS IN 1960, THE APPLIED NUTRITION PROGRAM HAS BEEN EXTENDED TO 14, WITH A COVERAGE OF 75 PER CENT OF THE COUNTRY BY 1970. TRAINING OF PERSONNEL AT ALL LEVELS AND NUTRITION RESEARCH ARE IMPORTANT PARTS OF THE PROJECT. AN EXTENDED PROGRAM OF SUPPLEMENTARY FEEDING FOR VULNERABLE GROUPS (PREGNANT AND LACTATING MOTHERS, CHILDREN UNDER FIVE, AND SCHOOL CHILDREN) IS BEING CARRIED OUT THROUGH HEALTH SERVICES AND PRIMARY SCHOOLS. IT GIVES SPECIAL EMPHASIS TO NUTRITION EDUCATION ACTIVITIES. IT COORDINATES BILATERAL AND MULTILATERAL FOOD AND ECONOMIC ASSISTANCE. THE APPLIED NUTRITION PROGRAM ALSO PROMOTES THE INCREASE OF LOCAL FOOD PRODUCTION.

THE PROJECT ALSO ASSISTS IN UPGRADING THE STAFF OF THE FOUR SCHOOLS OF NUTRITION AND DIETETICS OF THE COUNTRY.

FAO, UNICEF, WFP, AND USAID VOLUNTARY AGENCIES COOPERATE IN THIS PROJECT.

<u>FUND 1969 1970 1971 1972</u>					<u>FUND 1969<sup>2</sup> 1970 1971 1972</u>						
<u>-----</u>					<u>-----</u>						
					<u>\$ \$ \$ \$</u>						
TOTAL		1	3	3	4	TOTAL	5,294	6,800	6,800	10,800	
<u>-----</u>					<u>-----</u>						
FELLOWSHIPS-ACADEMIC	PR	-	1	1	2						
FELLOWSHIPS-ACADEMIC	WR	1	-	-	-	SUBTOTAL	PR	-	6,800	6,800	10,800
FELLOWSHIPS-SHORT TERM	PR	-	2	2	2	<u>-----</u>					
					FELLOWSHIPS		-	6,800	6,800	10,800	
					SUBTOTAL	WR	5,294	-	-	-	
					<u>-----</u>						
					FELLOWSHIPS		5,294	-	-	-	

COLOMBIA-4500, RADIATION PROTECTION

THE PURPOSE OF THIS PROJECT IS TO COLLABORATE IN THE DEVELOPMENT OF A RADIATION PROTECTION PROGRAM ON A NATIONAL SCALE IN ORDER TO COPE WITH THE OVERALL PROBLEM OF RADIATION EXPOSURE, BOTH OCCUPATIONAL AND OF THE GENERAL PUBLIC. COLOMBIA PARTICIPATES IN THE PAN AMERICAN RADIATION SURVEILLANCE NETWORK.

<u>FUND 1969 1970 1971 1972</u>					<u>FUND 1969<sup>2</sup> 1970 1971 1972</u>						
<u>-----</u>					<u>-----</u>						
					<u>WR \$ \$ \$ \$</u>						
TOTAL		-	-	-	1	TOTAL	WR	10,013	1,000	2,400	3,800
<u>-----</u>					<u>-----</u>						
CONSULTANT MONTHS	WR	-	-	-	1	PERSONNEL-CONSULTANTS		-	-	-	1,800
TOTAL		-	-	1	-	SUPPLIES AND EQUIPMENT		10,013	1,000	1,000	2,000
<u>-----</u>					<u>-----</u>						
FELLOWSHIPS-SHORT TERM	WR	-	-	1	-	FELLOWSHIPS		-	-	1,400	-

COLOMBIA-4601, AIR POLLUTION

THE PURPOSE OF THIS PROJECT IS TO DETERMINE THE AIR POLLUTION PROBLEM IN COLOMBIA, TO INITIATE PROGRAMS OF PREVENTION AND CONTROL, AND TO ESTABLISH THE SERVICES NECESSARY TO DEVELOP THEM.

AN AIR POLLUTION SAMPLING NETWORK WILL COVER THE SIX PRINCIPAL CITIES OF COLOMBIA WITH A MINIMUM OF 16 STATIONS.

<u>FUND 1969 1970 1971 1972</u>					<u>FUND 1969<sup>2</sup> 1970 1971 1972</u>						
<u>-----</u>					<u>-----</u>						
					<u>WR \$ \$ \$ \$</u>						
TOTAL		-	-	-	1	TOTAL	WR	-	-	1,900	5,200
<u>-----</u>					<u>-----</u>						
CONSULTANT MONTHS	WR	-	-	-	1	PERSONNEL-CONSULTANTS		-	-	-	1,800
TOTAL		-	-	1	1	SUPPLIES AND EQUIPMENT		-	-	500	2,000
<u>-----</u>					<u>-----</u>						
FELLOWSHIPS-SHORT TERM	WR	-	-	1	1	FELLOWSHIPS		-	-	1,400	1,400

COLOMBIA-4900, HEALTH AND POPULATION DYNAMICS

RECOGNIZING THE NEED TO COMBAT INFANT AND MATERNAL MORBIDITY AND MORTALITY, FAMILY MISERY, AND THE OMNIPRESENT PROBLEM OF ABORTION, THE GOVERNMENT OF COLOMBIA REQUESTED THE ORGANIZATION'S ASSISTANCE IN EXPANDING ITS MATERNAL AND CHILD HEALTH AND FAMILY PLANNING SERVICES. THE PROGRAM COMMENCED ACTIVITIES IN EARLY 1969; THE ACTUAL SERVICES BEGAN IN JUNE 1969.

THE OBJECTIVES OF THIS PROJECT ARE 1) TO INCREASE THE COVERAGE OF PRENATAL CARE, OF MEDICALLY SUPERVISED DELIVERIES, AND OF CHILD CARE; 2) TO PREVENT PROVOKED ABORTION IN 100 PER CENT OF THE WOMEN WHO ARE ADMITTED TO HOSPITALS FOR THIS REASON OR WHO DECLARE HAVING RESORTED TO THIS PREVIOUSLY; 3) TO GRADUALLY SATISFY THE DEMAND FOR INFORMATION AND MEDICAL SERVICES TO SPACE BIRTHS OR TREAT STERILITY IN COUPLES WHO JUSTIFIABLY REQUEST THEM FOR MEDICAL OR SOCIAL REASONS; AND 4) TO CONTRIBUTE TO THE EARLY DETECTION OF CERVICAL CANCER THROUGH VAGINAL CYTOLOGICAL STUDIES IN WOMEN OF REPRODUCTIVE AGE WHO REQUEST MOTHER-AND-CHILD PROTECTION. EMPHASIS IS BEING PLACED UPON DEVELOPING THESE SERVICES IN RURAL AREAS. NEARLY 300 MUNICIPIOS HAVE ALREADY BEEN REACHED.

STRENGTHENING THE CENTRAL, PERIPHERAL, AND LOCAL PERSONNEL TO MEET THE DEMANDS OF THESE AUGMENTED SERVICES IS AN IMPORTANT ELEMENT OF THIS PROJECT. IN-SERVICE AND SPECIAL TRAINING PROGRAMS HAVE BEEN INITIATED FOR MEDICAL, PARAMEDICAL, AND AUXILIARY STAFF. AT THE END OF 1969, APPROXIMATELY 1,300 WORKERS IN THESE CATEGORIES HAD COMPLETED TRAINING PROGRAMS..

. . . CONTINUED

## COLOMBIA-4900, HEALTH AND POPULATION DYNAMICS . . . CONTINUED

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
								\$	\$	\$	\$
TOTAL		1	1	-	-	TOTAL	PG	181,974	985,378	-	-
P-4 MEDICAL OFFICER 3377	PG	1	1	-	-	PERSONNEL-POSTS		16,333	20,473	-	-
TOTAL		1	3	-	-	PERSONNEL-CONSULTANTS		1,773	5,400	-	-
CONSULTANT MONTHS	PG	1	3	-	-	DUTY TRAVEL		814	1,389	-	-
						CONTRACTUAL SERVICES		1,170	-	-	-
						SUPPLIES AND EQUIPMENT		80,762	73,238	-	-
						LOCAL COSTS		81,122	864,878	-	-

## COLOMBIA-6100, SCHOOL OF PUBLIC HEALTH

THE PURPOSE OF THIS PROJECT IS TO ASSIST IN THE DEVELOPMENT OF THE SCHOOL OF PUBLIC HEALTH OF THE UNIVERSITY OF ANTIOQUIA. THE SCHOOL, WHICH OPENED IN FEBRUARY 1964, HAD THIRTY FULL-TIME PROFESSORS BY THE END OF 1967. IN 1969 THE SCHOOL GAVE FOURTEEN COURSES IN VARIOUS DISCIPLINES, ATTENDED BY 338 STUDENTS, INCLUDING 18 FOREIGN ONES.

DURING THE SAME YEAR A WORK PLAN WAS DRAWN UP FOR THE NEXT FIVE YEARS. THIS PLAN WILL PROVIDE FOR ADDITIONAL TEACHING STAFF.

		1	3	3	3		WR	3,254	19,300	20,300	25,300
TOTAL		1	3	3	3	TOTAL					
CONSULTANT MONTHS	WR	1	3	3	3	PERSONNEL-CONSULTANTS		792	5,400	5,400	5,400
TOTAL		2	4	4	5	SUPPLIES AND EQUIPMENT		1,269	500	1,500	2,500
FELLOWSHIPS-ACADEMIC	WR	-	3	3	4	FELLOWSHIPS		1,193	13,400	13,400	17,400
FELLOWSHIPS-SHORT TERM	WR	2	1	1	1						

## COLOMBIA-6200, HEALTH MANPOWER STUDIES

THE OBJECTIVE OF THIS PROJECT IS TO CONTINUE THE PUBLICATION OF THE RESULTS OF THE STUDY OF HEALTH MANPOWER.

TOTAL		9,000	2,859	-	-
SUBTOTAL	PR	9,000	-	-	-
GRANTS		9,000	-	-	-
SUBTOTAL	PG	-	2,859	-	-
GRANTS		-	2,859	-	-

## COLOMBIA-6201, MEDICAL EDUCATION

THE PURPOSE OF THIS PROJECT IS TO ASSIST IN STRENGTHENING MEDICAL EDUCATION.

IT PROVIDES FOR REVISING THE CURRICULA OF SCHOOLS OF MEDICINE, FOR IMPROVING THE TEACHING OF PREVENTIVE AND SOCIAL MEDICINE, FOR DEVELOPING A PROGRAM OF CONTINUING MEDICAL EDUCATION FOR PHYSICIANS PRACTICING IN RURAL AREAS, AND PERIODIC DISSEMINATION OF TECHNICAL INFORMATION.

		4	3	4	4			20,992	19,400	25,400	25,400
TOTAL		4	3	4	4	TOTAL					
FELLOWSHIPS-ACADEMIC	PR	1	2	3	3	SUBTOTAL	PR	13,900	19,400	25,400	25,400
FELLOWSHIPS-ACADEMIC	WR	1	-	-	-	FELLOWSHIPS		3,900	9,400	13,400	13,400
FELLOWSHIPS-SHORT TERM	PR	-	1	1	1	GRANTS		10,090	10,000	12,000	12,000
FELLOWSHIPS-SHORT TERM	WR	2	-	-	-	SUBTOTAL	WR	7,092	-	-	-
						FELLOWSHIPS		7,092	-	-	-

## COLOMBIA-6203, CENTER FOR TEACHING PATHOLOGY

THE OBJECTIVE OF THIS PROJECT IS TO ASSIST IN PROVIDING TRAINING FOR PROFESSORS OF PATHOLOGY FOR LATIN AMERICAN MEDICAL SCHOOLS FOR PRACTICING PATHOLOGISTS AND TO ASSIST IN ESTABLISHING AN INTERNATIONAL CENTER FOR THE TRAINING OF PATHOLOGISTS. THE FIRST FELLOWS UNDER THIS PROGRAM BEGAN THEIR STUDIES IN 1969.

. . . CONTINUED

## COLOMBIA-6203, CENTER FOR TEACHING PATHOLOGY . . . CONTINUED

FUND. 1969 1970 1971 1972					FUND. 1969 1970 1971 1972				
-----					-----				
					PR				
					\$				
TOTAL					5,025 5,000 5,000 7,000				
GRANTS					5,025 5,000 5,000 7,000				

## COLOMBIA-6204, EXPERIMENTAL STUDIES OF HEALTH SERVICES

THE PURPOSE OF THIS PROJECT IS TO DESIGN A MODEL FOR RURAL HEALTH SERVICES BASED ON THE DELEGATION OF SPECIFIED JOBS FROM PROFESSIONALS TO AUXILIARY PERSONNEL AND ON THE TYPE OF TRAINING REQUIRED FOR THE AUXILIARIES IN ORDER TO CARRY OUT THEIR FUNCTIONS. THE MODEL WILL BE APPLIED TO AREAS WITH DIFFERENT ECOLOGIC CONDITIONS. THE PROJECT IS SUPPORTED BY THE AGENCY FOR INTERNATIONAL DEVELOPMENT.

TOTAL					TOTAL				
-----					-----				
					PG				
CONSULTANT MONTHS					9,797 150,284 - -				
PERSONNEL-CONSULTANTS					878 19,800 - -				
DUTY TRAVEL					583 1,000 - -				
LCCAL COSTS					8,336 129,484 - -				
EST. GOVERNMENT CONTRIB.					( 50,000)				

## COLOMBIA-6300, NURSING EDUCATION

THE NUMBER OF NURSING PERSONNEL, PROFESSIONAL AND AUXILIARY, BEING PREPARED IS NOT SUFFICIENT TO MEET THE NEEDS AND TARGETS OF THE NATIONAL HEALTH PLAN. THE RATIO OF NURSES IN COLOMBIA IS 0.7 TO 10,000 POPULATION.

THE OBJECTIVE OF THIS PROJECT IS TO INCREASE THE NUMBER AND IMPROVE THE PREPARATION OF NURSING PERSONNEL BY STRENGTHENING NURSING EDUCATION AND ORGANIZING IN-SERVICE PROGRAMS IN SPECIALIZED FIELDS OF NURSING.

TOTAL					TOTAL				
-----					-----				
					PR				
CONSULTANT MONTHS					4,573 11,300 13,400 17,600				
PERSONNEL-CONSULTANTS					3,008 5,400 5,400 7,200				
SUPPLIES AND EQUIPMENT					249 500 - 1,000				
FELLOWSHIPS					1,316 5,400 8,000 9,400				
FELLOWSHIPS-ACADEMIC					- 1 2 2				
FELLOWSHIPS-SHORT TERM					2 1 - 1				

## COLOMBIA-6400, SANITARY ENGINEERING EDUCATION

THE PURPOSE OF THIS PROJECT IS TO ASSIST IN IMPROVING THE TRAINING OF SANITARY ENGINEERS, IN SETTING UP CENTERS FOR TRAINING AND APPLIED RESEARCH IN ENVIRONMENTAL ENGINEERING AT THE NATIONAL UNIVERSITY OF COLOMBIA, THE UNIVERSITY OF LOS ANDES, AND THE UNIVERSITY DEL VALLE, AND IN IMPROVING THE TEACHING OF SANITARY ENGINEERING SUBJECTS IN THE REGULAR COURSES FOR CIVIL ENGINEERS.

DURING THE PERIOD 1964-1969, A TOTAL OF 26 SHORT INTENSIVE AND SPECIALIZED COURSES FOR A TOTAL OF 340 PROFESSIONALS WERE ORGANIZED WITH THE COOPERATION OF THE ORGANIZATION.

AID, IADB, VARIOUS FOUNDATIONS, AND A NUMBER OF INTERNATIONAL AGENCIES COOPERATE IN THIS PROJECT.

TOTAL					TOTAL				
-----					-----				
					PR				
CONSULTANT MONTHS					9,537 20,000 20,200 20,200				
PERSONNEL-CONSULTANTS					4,310 5,400 5,400 5,400				
SUPPLIES AND EQUIPMENT					1,161 - - -				
FELLOWSHIPS					- 6,800 6,800 6,800				
GRANTS					4,066 7,800 8,000 8,000				
FELLOWSHIPS-ACADEMIC					- 1 1 1				
FELLOWSHIPS-SHORT TERM					2 2 2 2				

## COLOMBIA-6500, VETERINARY MEDICINE EDUCATION

THE PURPOSE OF THIS PROJECT IS TO ASSIST FIVE UNIVERSITIES IN IMPROVING THE TEACHING OF VETERINARY MEDICINE, PARTICULARLY AS REGARDS THE PUBLIC HEALTH AND PREVENTIVE MEDICINE ASPECTS, IN PROMOTING RESEARCH AND IN TRAINING TEACHING STAFF.

TOTAL					TOTAL				
-----					-----				
					PR				
CONSULTANT MONTHS					2,810 10,800 10,800 10,200				
PERSONNEL-CONSULTANTS					1,730 1,800 1,800 1,800				
FELLOWSHIPS					1,080 4,000 4,000 5,400				
GRANTS					- 5,000 5,000 3,000				
FELLOWSHIPS-ACADEMIC					- 1 1 1				
FELLOWSHIPS-SHORT TERM					1 - - 1				

COLOMBIA-6600, DENTAL AND MEDICAL EDUCATION

THE PURPOSE OF THIS PROJECT IS TO COOPERATE WITH THE UNIVERSITY OF ANTIOQUIA AND THE NATIONAL UNIVERSITY IN BOGOTA IN TEACHING THE SOCIAL AND PUBLIC HEALTH ASPECTS OF DENTISTRY. THE UNIVERSITY OF ANTIOQUIA ALSO SERVES AS A TRAINING CENTER FOR TEACHERS OF PREVENTIVE DENTISTRY OF OTHER UNIVERSITIES AND AS A RESEARCH CENTER IN THIS SUBJECT. THE W. K. KELLOGG FOUNDATION HAS PROVIDED SUPPLIES AND EQUIPMENT, AS WELL AS FUNDS TO SUPPLEMENT THE SALARIES OF CERTAIN STAFF MEMBERS.

	FUND 1969 1970 1971 1972				TOTAL	FUND 1969 1970 1971 1972				
						PR	\$	\$	\$	\$
TOTAL		1	1	1	-		4,089	6,000	6,000	-
CONSULTANT MONTHS	PR	1	1	1	-		1,549	1,800	1,800	-
						PERSONNEL-CONSULTANTS FELLOWSHIPS	2,540	4,200	4,200	-
TOTAL		1	3	3	-					
FELLOWSHIPS-ACADEMIC	PR	1	-	-	-					
FELLOWSHIPS-SHORT TERM	PR	-	3	3	-					

COLOMBIA  
PORTIONS OF INTERCOUNTRY PROJECTS

	1969	1970	1971	1972
	\$	\$	\$	\$
TOTAL AMRC PROJECTS	364,810	421,947	416,767	451,667
0104	7,021	6,222	6,798	6,989
0111	-	-	-	1,402
0200	12,962	11,267	11,951	12,889
0217	210	-	-	-
0218	3,181	2,436	2,760	5,582
0219	-	1,738	3,314	5,384
0300	6,906	8,144	9,860	12,854
0304	9,232	9,900	9,978	10,363
0307	-	3,289	3,289	3,289
0400	359	1,291	2,711	4,357
0404	3,453	5,850	7,691	8,502
0409	623	1,699	2,133	2,133
0410	429	1,451	1,674	1,674
0500	816	1,174	1,318	1,513
0504	2,568	-	-	-
0600	124	510	180	540
0700	19,377	21,286	21,208	23,437
0704	6,006	6,888	6,995	7,352
0708	-	-	-	675
0713	-	2,078	-	-
0714	-	-	-	1,004
0716	1,014	-	-	-
0717	2,840	-	-	-
0718	-	-	-	1,420
0900	851	720	720	1,754
1000	1,003	1,054	986	1,086
1008	224	214	252	540
2100	136	352	352	602
2104	5,513	6,386	8,005	8,541
2112	81	-	-	-
2114	4,785	8,249	10,444	11,163
2116	-	-	-	1,092
2117	-	-	1,921	-
2200	7,605	3,495	5,484	5,821
2213	486	1,144	1,352	1,352
2214	-	1,665	-	-
2215	579	-	250	500
2219	4,540	7,461	-	-
2220	-	7,925	8,475	9,074
2222	-	-	-	2,913
2223	-	-	-	458
2224	-	-	-	2,577
2400	19,146	17,198	17,927	18,655
3110	2,025	1,251	1,369	1,978
3124	393	-	-	-

## COLOMBIA - PORTIONS OF INTERCOUNTRY PROJECTS . . . CONTINUED

3126	OPERATIONS RESEARCH	-	2,531	2,531	2,531
3129	RESEARCH TRAINING IN BIDMEDICAL SCIENCES	-	1,664	1,664	832
3130	CONFERENCE ON MYCOLOGY	-	1,131	-	-
3200	NURSING SERVICES	248	864	920	1,207
3204	NURSING -- ZONE IV	6,305	7,058	7,375	7,699
3210	HOSPITAL NURSING SERVICES	26	956	1,172	1,238
3211	SEMINAR ON PLANNING FOR NURSING	-	945	-	-
3213	SEMINAR ON ADMINISTRATION OF NURSING SERVICES	-	-	1,917	-
3300	LABORATORY SERVICES	414	483	502	502
3304	LABORATORY SERVICES - ZONE IV	-	-	-	6,108
3310	CONFERENCE ON VIRAL AND RICKETTSIAL VACCINES	-	1,406	-	-
3311	TRAINING LABORATORY PERSONNEL	-	775	605	666
3400	HEALTH EDUCATION	58	249	373	373
3407	COMMUNITY DEVELOPMENT TRAINING CENTER	1,228	1,120	1,215	1,189
3408	CONFERENCE ON POSTGRADUATE TRAINING IN HEALTH EDUCATION	3,337	-	-	-
3409	STUDY GROUP ON HEALTH EDUCATION AND PLANNING	1,059	-	-	-
3410	TRAINING OF TEACHERS IN HEALTH EDUCATION	-	2,172	1,543	1,543
3500	HEALTH STATISTICS	14	-	352	308
3504	HEALTH STATISTICS -- ZONE IV	4,286	5,982	6,785	6,100
3513	INTER-AMER. INVES. OF MORTALITY, IN CHILDHOOD	58,100	46,856	19,296	4,969
3515	CENTER FOR TRAINING IN USE OF COMPUTERS IN HEALTH STATISTICS	-	-	360	360
3516	REGIONAL SEMINAR ON DATA PROCESSING	-	619	-	666
3600	ADMINISTRATIVE METHODS AND PRACTICES IN PUBLIC HEALTH	1,593	1,534	1,568	2,210
3604	ADMINISTRATIVE METHODS AND PRACTICES - ZONE IV	-	-	-	4,786
3607	MANAGEMENT OF HEALTH SERVICES	-	-	5,093	5,093
3700	HEALTH PLANNING	2,098	4,197	3,905	4,076
3704	HEALTH PLANNING - ZONE IV	14,952	11,787	12,256	12,700
3715	PAN AMERICAN PROGRAM FOR HEALTH PLANNING	13,392	40,514	32,244	30,372
4100	MATERNAL AND CHILD HEALTH	64	400	437	1,448
4108	CLINICAL AND SOCIAL PEDIATRICS	761	1,311	1,311	1,311
4109	NURSING MIDWIFERY	1,309	2,376	2,723	2,859
4115	NURSING-MIDWIFERY EDUCATION	612	-	-	-
4116	FACULTY TRAINING IN MATERNAL AND CHILD HEALTH	-	-	2,222	-
4117	STAFFING MATERNAL AND CHILD HEALTH SERVICES	-	281	281	-
4118	STUDY GROUP ON GUIDE FOR NURSING-MIDWIFERY SERVICES	-	-	-	1,243
4119	MATERNAL AND CHILD HEALTH FELLOWSHIPS	-	1,625	696	869
4122	DEVELOPMENT OF RHEUMATIC FEVER PROGRAMS	-	-	-	612
4200	NUTRITION ADVISORY SERVICES	258	389	591	603
4203	INSTITUTE OF NUTRITION OF CENTRAL AMERICA AND PANAMA	8,722	7,140	7,000	7,383
4204	NUTRITION ADVISORY SERVICES -- ZONE IV	2,854	2,793	2,986	2,958
4211	RESEARCH IN PROTEIN-CALORIE MALNUTRITION	-	-	264	264
4221	SEMINAR ON NUTRITION IN FOOD AND HEALTH POLICIES	145	-	200	200
4223	NUTRITION EDUCATION MATERIAL	781	-	-	-
4225	GRADUATE COURSE IN PUBLIC HEALTH NUTRITION	1,923	2,853	3,148	3,122
4228	CONFERENCE ON ENDEMIC GOITER CONTROL	51	-	-	-
4230	NUTRITION TRAINING	2,594	2,348	2,436	3,065
4233	NUTRITION TEACHING IN MEDICAL SCHOOLS	-	-	562	562
4238	NUTRITION RESEARCH	-	360	360	360
4311	STUDY GROUP ON ADM. OF PSYCHIATRIC & MENTAL HEALTH SERVICES	1,494	-	-	-
4312	COURSES IN COMMUNITY PSYCHIATRY	-	-	-	1,110
4313	PSYCHIATRIC NURSING	-	-	-	9,334
4314	EPIDEMIOLOGICAL STUDY ON EPILEPSY	-	-	2,380	2,380
4315	STUDY GROUP ON TRAINING PSYCHIATRISTS	-	-	-	604
4400	DENTAL HEALTH	619	541	541	911
4409	FLUORIDATION	3,673	3,485	3,222	3,120
4410	LABORATORY FOR CONTROL OF DENTAL PRODUCTS	-	-	515	1,030
4411	HUMAN AND MATERIAL RESOURCES IN DENTISTRY	1,759	1,059	1,122	1,186
4412	SEMINAR ON IMPLEMENTATION OF DENTAL HEALTH PROGRAMS	-	-	-	1,818
4500	HEALTH ASPECTS OF RADIATION	-	-	-	845
4507	RADIATION HEALTH PROTECTION	1,426	1,340	1,371	1,402
4509	RADIATION SURVEILLANCE	16	200	200	200
4511	STUDY GROUP ON RADIATION PROTECTION	2,188	-	-	-
4514	NUCLEAR MEDICINE	-	-	-	1,950
4700	FOOD AND DRUG CONTROL	1,552	1,649	1,710	1,772
4708	FOOD HYGIENE TRAINING CENTER	-	-	1,251	1,801
4711	FOOD AND DRUG CONTROL SEMINAR	-	1,484	-	-
4800	MEDICAL CARE SERVICES	1,541	861	1,197	1,219
4804	MEDICAL CARE SERVICES -- ZONE IV	5,269	5,292	5,530	5,771
4810	CHRONIC DISEASES	1,009	1,241	1,294	1,348
4813	HOSPITAL PLANNING AND ADMINISTRATION	582	1,899	2,443	2,485
4815	TRAINING FOR MEDICAL CARE AND HOSPITAL ADMINISTRATION	5,656	198	1,101	1,285
4816	PROGRESSIVE PATIENT CARE	17,828	2,020	-	-
4819	SEMINAR ON CANCER REGISTRATION	640	-	-	-
4900	HEALTH AND POPULATION DYNAMICS	28,309	58,790	54,154	41,469
5000	REHABILITATION	744	1,677	2,475	2,439

## COLOMBIA - PORTIONS OF INTERCOUNTRY PROJECTS . . . CONTINUED

5007	TEACHING OF PHYSICHTHERAPY	2,118	-	-	-
5008	SEMINAR ON REHABILITATION	-	1,245	-	-
6000	MEDICAL EDUCATION - TEXTBOOKS AND TEACHING	12,082	5,703	5,703	6,842
6100	SCHOOLS OF PUBLIC HEALTH	3,086	5,094	4,497	5,160
6107	SEMINARS ON SCHOOLS OF PUBLIC HEALTH	959	-	1,954	-
6200	MEDICAL EDUCATION	2,709	2,432	2,346	2,420
6204	MEDICAL EDUCATION - ZONE IV	2,610	3,318	3,914	4,085
6208	TEACHING OF STATISTICS IN MEDICAL SCHOOLS	-	-	1,188	-
6210	TEACHING METHODS AND ADMIN ORGANIZATION OF MED SCHS	2,246	4,384	4,894	5,111
6214	FACULTY TRAINING FOR MEDICAL SCHOOLS	-	1,770	-	-
6216	PREVENTIVE MEDICINE EDUCATION	2,817	2,083	1,683	1,753
6221	LIBRARY OF MEDICINE	-	-	7,236	9,515
6222	SEMINAR ON TEACHING PREVENTIVE AND SOCIAL MEDICINE	-	940	-	-
6223	TEACHING OF BEHAVIORAL SCIENCES	342	528	7,528	7,528
6224	FACULTY AND RESEARCH TRAINING CENTERS	-	1,135	898	898
6225	SURVEY OF FELLOWSHIP PROGRAMS	-	-	252	-
6226	COMMUNITY-CENTERED RESEARCH IN MEDICAL EDUCATION	-	-	-	1,038
6300	NURSING EDUCATION	724	294	294	462
6317	SEMINAR ON NURSING EDUCATION	-	-	1,968	1,968
6319	TRAINING OF NURSING AUXILIARIES	-	1,407	1,667	2,103
6400	SANITARY ENGINEERING EDUCATION	3,221	2,790	2,814	2,926
6412	MANAGEMENT AND ADMINISTRATION OF SCHOOLS OF ENGINEERING	-	-	-	1,370
6500	VETERINARY MEDICINE EDUCATION	-	794	794	856
6600	DENTAL EDUCATION	704	318	625	641
6608	TRAINING OF AUXILIARY DENTAL PERSONNEL	163	292	292	557
6609	LATIN AMERICAN ASSOCIATION OF DENTAL SCHOOLS	470	470	470	470
6700	BIOSTATISTICS EDUCATION	300	1,020	1,020	1,020
6707	LATIN AMERICAN CENTER FOR THE CLASSIFICATION OF DISEASES	881	1,011	1,186	1,214
6708	TRAINING PROGRAM IN HOSPITAL STATISTICS	3,941	6,127	6,748	7,085
6709	RESEARCH TRAINING PROGRAMS IN HEALTH AND POPULATION	1,458	-	-	-

## COLOMBIA

## SUMMARY OF INVESTMENTS BY SOURCE OF FUNDS

SOURCE OF FUNDS	*-----COUNTRY PROJECTS-----*				*-----PORTIONS OF INTER-COUNTRY PROJECTS-----*			
	1969	1970	1971	1972	1969	1970	1971	1972
TOTAL FUNDS	683,317	1,669,205	526,750	536,671	364,810	421,947	416,767	451,687
PR PAHO REGULAR	329,959	327,955	330,634	330,550	148,188	174,452	186,355	225,810
PM PAHO SPECIAL MALARIA	634	-	-	-	5,475	-	-	-
PW PAHO COMMUNITY WATER SUPPLY	-	10,000	-	-	-	-	-	-
PG PAHO GRANTS & OTHER CONTRIB.	191,771	1,138,521	-	-	131,403	129,679	84,817	59,050
WR WHO REGULAR	82,222	79,929	79,316	89,321	66,610	78,750	101,961	124,853
WT WHO TECHNICAL ASSISTANCE	78,731	116,800	116,800	116,800	786	2,164	14,993	14,993
WS UNITED NATIONS SPECIAL FUND	-	-	-	-	12,236	36,786	28,516	26,844
WC WHO GRANTS & OTHER FUNDS	-	-	-	-	112	116	125	137

SOURCE OF FUNDS	*-----TOTAL ALL PROJECTS-----*			
	1969	1970	1971	1972
TOTAL FUNDS	1,048,127	2,091,152	943,517	988,358
PR PAHO REGULAR	478,147	502,407	516,989	556,360
PM PAHO SPECIAL MALARIA	6,109	-	-	-
PW PAHO COMMUNITY WATER SUPPLY	-	10,000	-	-
PG PAHO GRANTS & OTHER CONTRIB.	323,174	1,268,200	84,817	59,050
WR WHO REGULAR	148,832	154,679	181,277	214,174
WT WHO TECHNICAL ASSISTANCE	79,517	118,764	131,793	131,793
WS UNITED NATIONS SPECIAL FUND	12,236	36,786	28,516	26,844
WC WHO GRANTS & OTHER FUNDS	112	116	125	137





## ECUADOR

## PROGRAM BUDGET

1 9 6 9		1 9 7 0			1 9 7 1		1 9 7 2	
AMOUNT	PERCENT	AMOUNT	PERCENT		AMOUNT	PERCENT	AMOUNT	PERCENT
\$		\$			\$		\$	
188,212	35.5	226,411	36.7	I. PROTECTION OF HEALTH	252,149	38.9	293,650	41.8
146,380	27.7	176,426	28.6	A. COMMUNICABLE DISEASES	188,056	29.0	221,678	31.6
6,413	1.2	36,578	5.9	0100 GENERAL	37,038	5.7	38,593	5.5
84,335	15.9	74,415	12.1	0200 MALARIA	74,348	11.4	79,679	11.3
22,087	4.2	33,065	5.4	0300 SMALLPOX	34,842	5.4	38,144	5.4
7,355	1.4	5,901	1.0	0400 TUBERCULOSIS	9,446	1.5	10,288	1.5
5,117	1.0	5,043	.8	0500 LEPROSY	4,845	.8	7,880	1.1
124	*	510	.1	0600 VENEREAL DISEASES	180	*	5,540	.8
14,119	2.7	15,183	2.4	0700 ZOOZOSES	21,630	3.3	32,904	4.7
5,936	1.1	4,800	.8	0900 OTHER	4,800	.7	7,386	1.1
894	.2	931	.1	1000 PARASITIC DISEASES	927	.2	1,264	.2
41,832	7.8	49,985	8.1	B. ENVIRONMENTAL HEALTH	64,093	9.9	71,972	10.2
21,968	4.1	24,114	3.9	2100 GENERAL	32,999	5.1	36,795	5.2
19,800	3.7	24,782	4.0	2200 WATER SUPPLIES	29,967	4.6	34,013	4.8
64	*	1,089	.2	2400 HOUSING	1,127	.2	1,164	.2
266,287	50.1	276,029	44.7	II. PROMOTION OF HEALTH	292,098	44.6	293,142	41.7
164,138	30.9	139,260	22.5	A. GENERAL SERVICES	168,646	25.7	175,108	24.9
115,766	21.8	53,074	8.6	3100 GENERAL PUBLIC HEALTH	76,426	11.7	79,151	11.3
12,475	2.4	8,428	1.4	3200 NURSING	11,291	1.7	9,588	1.4
6,671	1.3	15,463	2.5	3300 LABORATORY	15,907	2.4	17,076	2.4
2,344	.4	1,368	.2	3400 HEALTH EDUCATION	1,587	.2	1,562	.2
3,265	.6	6,007	1.0	3500 STATISTICS	6,274	1.0	5,773	.8
1,591	.3	1,532	.2	3600 ADMINISTRATIVE METHODS	8,060	1.2	13,489	1.9
22,026	4.1	53,388	8.6	3700 HEALTH PLANNING	49,101	7.5	48,469	6.9
102,149	19.2	136,769	22.2	B. SPECIFIC PROGRAMS	123,452	18.9	118,034	16.8
5,805	1.1	7,489	1.2	4100 MATERNAL AND CHILD HEALTH	11,778	1.8	11,975	1.7
22,321	4.2	36,276	5.9	4200 NUTRITION	28,047	4.3	25,944	3.7
3,371	.6	2,400	.4	4300 MENTAL HEALTH	2,848	.4	3,445	.5
3,742	.7	3,552	.6	4400 DENTAL HEALTH	3,282	.5	3,179	.5
15,480	2.9	10,339	1.7	4500 RADIATION AND ISOTOPES	7,771	1.2	10,622	1.5
1,399	.3	1,638	.3	4600 OCCUPATIONAL HEALTH	1,909	.3	1,975	.3
1,517	.3	2,353	.4	4700 FOOD AND DRUG	2,946	.5	3,567	.5
26,657	5.0	30,607	4.9	4800 MEDICAL CARE	26,296	4.0	27,245	3.9
18,996	3.6	39,193	6.3	4900 HEALTH AND POPULATION DYNAMICS	36,101	5.5	27,644	3.9
2,861	.5	2,922	.5	5000 REHABILITATION	2,474	.4	2,438	.3
76,818	14.4	115,081	18.6	III. DEVELOPMENT OF EDUCATIONAL INSTITUTIONS	106,756	16.5	116,342	16.5
39,499	7.4	45,245	7.3	6200 MEDICINE	57,981	8.9	62,245	8.9
22,506	4.2	27,904	4.5	6300 NURSING	7,507	1.2	12,088	1.7
5,406	1.0	15,334	2.5	6400 ENVIRONMENTAL SCIENCES	15,518	2.4	15,658	2.2
-	-	9,603	1.5	6500 VETERINARY MEDICINE	5,003	.8	5,035	.7
5,271	1.0	10,370	1.7	6600 DENTISTRY	13,483	2.1	13,771	1.9
4,136	.8	6,625	1.1	6700 BIOSTATISTICS	7,264	1.1	7,545	1.1
531,317	100.0	617,521	100.0	GRAND TOTAL	651,003	100.0	703,134	100.0

\* LESS THAN .05 PERCENT

## ECUADOR

## SUMMARY OF INVESTMENT

SOURCE OF FUNDS	TOTAL AMOUNT	*-----PERSONNEL-----*			*--DUTY--*	*---FELLOWSHIPS---*		*---SEMINARS---*		*SUPPLIES*	*--GRANTS--*		
		POSTS PROF.	LOCAL	STC MONTH	TRAVEL AMOUNT	ACAD.	SHORT	AMOUNT	PART.	AMOUNT	EQUIPMENT	AND OTHER	
	\$			\$	\$			\$		\$	\$		
1969													
PAHO---PR	115,251	-	-	-	69,401	8,651	2	11	14,596	-	6,403	10,531	5,664
PM	58,509	4	-	-	47,035	3,643	1	-	730	-	7,011	-	90
PW	2,641	-	-	1	1,567	1,074	-	-	-	-	-	-	-
PG	38,424	-	-	-	17,435	1,616	-	-	4,911	-	4,536	3,165	6,761
WHO---WR	251,209	5	-	12	108,862	12,750	22	15	80,212	-	4,156	31,882	13,347
WT	59,053	5	-	-	53,749	5,004	-	-	-	-	-	-	300
WS	6,119	-	-	-	4,580	362	-	-	-	-	-	821	356
WD	111	-	-	-	111	-	-	-	-	-	-	-	-
TOTAL	531,317	14	-	13	302,740	33,100	25	26	100,449	-	15,100	53,410	26,518
PER CENT OF TOTAL	100.0				57.0	6.2			18.9		2.8	10.1	5.0
1970													
PAHO---PR	161,107	-	-	4	96,671	9,299	2	6	20,224	-	4,471	16,638	13,804
PM	44,856	2	-	-	31,256	3,600	1	-	4,000	-	-	6,000	-
PW	4,600	-	-	1	1,800	-	-	2	2,800	-	-	-	-
PG	61,416	-	-	-	24,606	1,774	-	-	12,070	-	2,330	4,050	16,586
WHO---WR	252,870	4	-	14	138,182	12,231	10	8	53,632	-	6,250	30,049	12,526
WT	74,164	3	-	-	68,826	4,566	-	-	384	-	-	88	300
WS	18,393	-	-	-	13,933	480	-	-	-	-	-	3,256	724
WD	115	-	-	-	115	-	-	-	-	-	-	-	-
TOTAL	617,521	9	-	19	375,289	31,950	13	16	93,110	-	13,051	60,081	43,940
PER CENT OF TOTAL	100.0				60.8	5.2			15.1		2.1	9.7	7.1
1971													
PAHO---PR	232,804	2	-	5	149,125	13,185	3	9	28,620	-	1,105	26,753	14,016
PG	43,369	-	-	-	20,218	1,953	-	-	10,858	-	78	2,688	7,574
WHO---WR	273,427	4	-	13	144,498	12,066	13	10	70,057	-	6,787	26,448	13,571
WT	87,020	3	-	-	75,156	4,904	-	-	6,274	-	-	386	300
WS	14,258	-	-	-	11,952	480	-	-	-	-	-	1,018	808
WD	125	-	-	-	125	-	-	-	-	-	-	-	-
TOTAL	651,003	9	-	18	401,074	32,608	16	19	115,809	-	7,970	57,293	36,269
PER CENT OF TOTAL	100.0				61.6	5.0			17.8		1.2	8.8	5.6
1972													
PAHO---PR	264,626	2	-	5	174,554	14,289	4	9	32,696	-	3,265	28,027	11,795
PG	35,511	-	-	-	20,048	1,754	-	-	4,258	-	117	1,777	7,557
WHO---WR	302,418	4	-	13	158,282	12,181	15	10	78,588	-	11,104	29,424	12,839
WT	87,020	3	-	-	75,156	4,904	-	-	6,274	-	-	386	300
WS	13,422	-	-	-	11,280	480	-	-	-	-	-	910	752
WD	137	-	-	-	137	-	-	-	-	-	-	-	-
TOTAL	703,134	9	-	18	439,457	33,608	19	19	121,816	-	14,486	60,524	33,243
PER CENT OF TOTAL	100.0				62.5	4.8			17.3		2.1	8.6	4.7
-----													
PAHO PR-REGULAR BUDGET						WHO WR-REGULAR BUDGET							
PM-SPECIAL FUND FOR MALARIA ERADICATION						WA-MALARIA ERADICATION SPECIAL ACCOUNT							
PW-COMMUNITY WATER SUPPLY						WT-UNITED NATIONS TECHNICAL ASSISTANCE							
PG-GRANTS AND OTHER CONTRIBUTIONS						WS-UNITED NATIONS SPECIAL FUND							
PI-INCAP AND OTHER RELATED GRANTS						WD-GRANTS AND OTHER FUNDS							
-----													

## DETAIL

ECUADOR-0100, COMMUNICABLE DISEASE CONTROL

IN 1965, 16.2 PER CENT OF THE DEATHS REGISTERED AND 18 PER CENT OF THE DEATHS UNDER ONE YEAR OF AGE WERE DUE TO COMMUNICABLE AND PARASITIC DISEASES. OF THE TEN LEADING CAUSES OF DEATHS, SIX WERE COMMUNICABLE DISEASES. THE PURPOSE OF THIS PROJECT IS TO ASSIST IN DEVELOPING, THROUGH THE HEALTH SERVICES, ACTIVITIES TO ENSURE THE CONTROL OF COMMUNICABLE DISEASES.

THE EPIDEMIOLOGIST WILL ASSIST IN THE STRENGTHENING OF EPIDEMIOLOGICAL SERVICES OF THE COUNTRY, PROMOTE THE DEVELOPMENT OF ERADICATION AND CONTROL PROGRAMS AGAINST COMMUNICABLE DISEASES, ADVISE ON METHODS AND TECHNIQUES OF CONTROL, STIMULATE THE COORDINATION OF CONTROL ACTIVITIES OF THE HEALTH SERVICES AND AGENCIES, AND PROMOTE BETTER REPORTING OF COMMUNICABLE DISEASES.

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
								\$	\$	\$	\$
TOTAL		1	1	1	1	TOTAL		796	31,600	31,600	31,600
P-4 EPIDEMIOLOGIST 4.2130	WT	1	1	1	1	SUBTOTAL	PR	796	7,600	7,600	7,600
TOTAL		2	-	-	-	SUPPLIES AND EQUIPMENT FELLOWSHIPS		-	7,600	7,600	7,600
FELLOWSHIPS-SHORT TERM	PR	2	-	-	-	SUBTOTAL	WT	-	24,000	24,000	24,000
						PERSONNEL-POSTS DUTY TRAVEL		-	22,500	22,500	22,500
								-	1,500	1,500	1,500

ECUADOR-0200, MALARIA ERADICATION

THE MALARIA ERADICATION PROGRAM BEGAN IN 1957 WITH GOOD PROGRESS, PARTICULARLY DURING 1960-1965; SUBSEQUENTLY, BUDGET PROBLEMS RESULTED IN INCOMPLETE OPERATIONS AND IN A RESURGENCE OF MALARIA. IN 1969 A NEW OPERATIONAL PLAN WAS APPROVED AND IS NOW BEING PARTIALLY IMPLEMENTED.

THE ORIGINAL MALARIOUS AREA COVERS 60.1 PER CENT OF THE COUNTRY, WITH 3,030,000 INHABITANTS OR 54.3 PER CENT OF THE POPULATION. AT THE END OF 1969, 1,736,000 PEOPLE WERE LIVING IN AREAS IN THE ATTACK PHASE.

DURING 1969, 421,650 BLOOD SLIDES WERE EXAMINED, WITH 50,957 CASES OF MALARIA. SINCE THE AREA OF HIGH ENDEMICITY CORRESPONDS TO IMPORTANT AGRICULTURAL ZONES AND COLONIZATION AREAS, THE GOVERNMENT HAS GIVEN PRIORITY TO THE PROGRAM WITH THE HOPE OF IMPROVING THE SITUATION IN THE FUTURE.

UNICEF AND AID PARTICIPATE IN THIS PROGRAM.

		5	3	3	3			78,353	68,856	67,562	68,828
TOTAL						TOTAL					
P-4 MEDICAL OFFICER 4.0453	WT	1	1	1	1	SUBTOTAL	PR	-	-	43,542	44,828
P-4 SANITARY ENGINEER .0455	PM	1	-	-	-	PERSONNEL-POSTS DUTY TRAVEL		-	-	32,542	33,828
P-3 SANITARIAN .3011	PM	1	-	-	-	SUPPLIES AND EQUIPMENT FELLOWSHIPS		-	-	6,000	6,000
P-2 SANITARIAN .0459 .0460	PR	-	-	2	2	SUBTOTAL	PM	57,199	44,856	-	-
P-2 SANITARIAN .0459 .0460	PM	2	2	-	-	PERSONNEL-POSTS DUTY TRAVEL		45,889	31,256	-	-
TOTAL		1	1	1	1	DUTY TRAVEL		3,625	3,600	-	-
FELLOWSHIPS-ACADEMIC	PM	1	1	-	-	SUPPLIES AND EQUIPMENT FELLOWSHIPS		6,955	6,000	-	-
FELLOWSHIPS-SHORT TERM	PR	-	-	1	1	SUBTOTAL	WT	21,154	24,000	24,000	24,000
						PERSONNEL-POSTS DUTY TRAVEL		19,475	22,500	22,500	22,500
								1,679	1,500	1,500	1,500

ECUADOR-0300, SMALLPOX ERADICATION

FOLLOWING A SUCCESSFUL MASS VACCINATION CAMPAIGN (1958-1965), NO CASES OF SMALLPOX WERE REPORTED BETWEEN 1965 AND 1968.

THE PURPOSE OF THIS PROJECT IS TO ASSIST WITH THE EPIDEMIOLOGICAL ACTIVITIES BEING UNDERTAKEN IN ORDER TO MAINTAIN AN ADEQUATE LEVEL OF PROTECTION IN THE POPULATION, THROUGH VACCINATION OF 80 PER CENT OF THOSE UNDER FIVE YEARS OF AGE DURING THE PERIOD 1970-1972 AND EPIDEMIOLOGICAL INVESTIGATIONS OF ALL SUSPECTED CASES.

... CONTINUED

ECUADOR-0300, SMALLPOX ERADICATION . . . CONTINUED

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
								\$	\$	\$	\$
TOTAL		2	1	1	1	TOTAL	WR	7,798	17,000	17,000	17,000
FELLOWSHIPS-SHORT TERM	WR	2	1	1	1	SUPPLIES AND EQUIPMENT		6,334	15,000	15,000	15,000
						FELLOWSHIPS		1,464	2,000	2,000	2,000
						EST. GOVERNMENT CONTRIB.			( 210,500)	( 210,500)	( 210,500)

ECUADOR-0400, TUBERCULOSIS CONTROL

IN 1969 ASSISTANCE WAS PROVIDED IN PLANNING, IMPLEMENTING, AND EVALUATING A NATIONAL TUBERCULOSIS CONTROL PROGRAM INCORPORATED INTO THE GENERAL HEALTH SERVICES. THE ACTIVITIES ARE NOW INCLUDED IN PROJECT ECUADOR-0100.

		1	-	-	-	TOTAL		5,080	-	-	-
TOTAL		1	-	-	-	TOTAL		5,080	-	-	-
P-4 MEDICAL OFFICER 4.2130	WT	1	-	-	-	SUBTOTAL	PR	2,033	-	-	-
TOTAL		2	-	-	-	FELLOWSHIPS		2,033	-	-	-
FELLOWSHIPS-SHORT TERM	PR	2	-	-	-	SUBTOTAL	WT	3,047	-	-	-
						PERSONNEL-POSTS		2,936	-	-	-
						DUTY TRAVEL		111	-	-	-

ECUADOR-0500, LEPROSY CONTROL

THE PURPOSE OF THIS PROJECT IS TO COLLABORATE IN THE DEVELOPMENT OF A NATIONAL LEPROSY PROGRAM, IN INTEGRATING IT INTO THE GENERAL HEALTH SERVICES, AND IN TRAINING PERSONNEL IN MODERN TECHNIQUES OF LEPROSY CONTROL. THE PROGRAM PROVIDES FOR DETECTION OF CASES, TREATMENT AND FOLLOW-UP OF PATIENTS, CONTACT-TRACING, PREVENTION OF DEFORMITIES, AND REHABILITATION SERVICES. THE PROGRAM IS APPLYING AND PERFECTING THE ADMINISTRATIVE METHODS RECOMMENDED BY THE SEMINAR ON LEPROSY, HELD IN CUERNAVACA, MEXICO IN 1963.

		1	1	-	-	TOTAL		894	3,400	3,000	3,000
TOTAL		1	1	-	-	TOTAL		894	3,400	3,000	3,000
FELLOWSHIPS-ACADEMIC	PR	1	-	-	-	SUBTOTAL	PR	894	-	-	-
FELLOWSHIPS-SHORT TERM	WR	-	1	-	-	SUPPLIES AND EQUIPMENT		894	-	-	-
						FELLOWSHIPS		-	-	-	-
						SUBTOTAL	WR	-	3,400	3,000	3,000
						SUPPLIES AND EQUIPMENT		-	2,000	3,000	3,000
						FELLOWSHIPS		-	1,400	-	-

ECUADOR-0600, TREPONEMATOSES

THE PURPOSE OF THIS PROJECT IS TO ASSIST THE GOVERNMENT IN A STUDY OF THE VENEREAL DISEASE PROBLEM IN THE COUNTRY AND IN THE ORGANIZATION AND EXECUTION OF A CONTROL PROGRAM.

TOTAL	PR	-	-	-	5,000
SUPPLIES AND EQUIPMENT		-	-	-	5,000

ECUADOR-0900, PLAGUE CONTROL

PLAGUE IS AN IMPORTANT PROBLEM IN ECUADOR, SINCE A RISING INCIDENCE HAS BEEN OBSERVED IN THE PAST FEW YEARS. BETWEEN 1960 AND 1968, 1,512 HUMAN CASES WERE REPORTED. MANABI, CHIMBORAZO, LOJA, AND EL ORO ARE THE PROVINCES MOST AFFECTED, AND THE POSSIBILITY EXISTS THAT THE DISEASE MIGHT SPREAD TO PORT CITIES, WHICH COULD HAVE SERIOUS REPERCUSSIONS.

THE OBJECTIVE OF THIS PROJECT IS TO ASSIST WITH A PLAGUE CONTROL PROJECT AND WITH THE DEVELOPMENT OF ECOLOGICAL RESEARCH STUDIES IN THE PLAGUE FOCI.

TOTAL	WR	3,808	3,000	3,000	3,000
SUPPLIES AND EQUIPMENT		3,808	3,000	3,000	3,000

EQUADOR-2100, ENVIRONMENTAL SANITATION

THE OBJECTIVE OF THIS PROJECT IS TO ASSIST THE MANY GOVERNMENTAL AND LOCAL INSTITUTIONS DEALING WITH ENVIRONMENTAL SANITATION AND SANITARY ENGINEERING ACTIVITIES IN THE PLANNING AND DEVELOPMENT OF ENVIRONMENTAL SANITATION PROGRAMS IN URBAN AND RURAL AREAS, SUCH AS WATER SUPPLY AND SEWERAGE, WASTE DISPOSAL, INDUSTRIAL HEALTH, AIR AND WATER POLLUTION CONTROL, IMPROVEMENT OF HEALTH CONDITIONS IN HOUSING AND URBANIZATION PROGRAMS, FOOD SANITATION, AND VECTOR CONTROL, AS WELL AS THE TRAINING OF SANITARY INSPECTORS AND AUXILIARY PERSONNEL.

THE ACTIVITIES RELATED TO SANITARY ENGINEERING AND ENVIRONMENTAL SANITATION INCLUDED IN THE VARIOUS PAHO PROJECTS IN EQUADOR WILL BE COORDINATED THROUGH THIS PROJECT.

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
						TOTAL	WR	\$	\$	\$	\$
TOTAL		1	1	1	1	TOTAL	WR	24,684	26,281	33,083	36,194
P-4 SANITARY ENGINEER 4.0451	WR	1	1	1	1	PERSONNEL-POSTS		18,593	20,181	22,983	22,094
						PERSONNEL-CONSULTANTS		3,540	3,600	3,600	3,600
TOTAL		2	2	2	2	DUTY TRAVEL		2,551	2,500	2,500	2,500
						FELLOWSHIPS		-	-	4,000	8,000
CONSULTANT MONTHS	WR	2	2	2	2						
TOTAL		-	-	1	2						
FELLOWSHIPS-ACADEMIC	WR	-	-	1	2						

EQUADOR-2200, WATER SUPPLIES

THE OBJECTIVE OF THIS PROJECT IS TO ASSIST THE COUNTRY, THE NEWLY CREATED NATIONAL WATER AUTHORITY, AND THE MUNICIPALITIES OF THE LARGER CITIES IN ATTAINING THE 1971 TARGETS ESTABLISHED FOR WATER AND SEWERAGE, NAMELY, 63 PER CENT OF THE URBAN POPULATION WITH WATER SUPPLY SERVICES THROUGH HOUSE CONNECTIONS AND 51 PER CENT WITH SEWERAGE SYSTEMS SERVICES. BY 1969, 60 PER CENT OF THE URBAN POPULATION WAS BEING SERVED BY HOUSE CONNECTIONS FROM PIPED WATER SYSTEMS AND 58 PER CENT HAD SEWERAGE SYSTEM FACILITIES. THE COUNTRY PLANNED TO SPEND \$32.7 MILLION DURING THE 1968-1971 PERIOD TO REACH THE WATER SUPPLY GOALS IT HAD SET FOR ITSELF AND AN ADDITIONAL \$4.6 FOR SEWERAGE SYSTEMS. COLLABORATION FROM THE IADB HAS BEEN OBTAINED IN THE FORM OF LOANS AMOUNTING TO \$20.8 MILLION TOWARD FINANCING PROJECTS WITH A TOTAL VALUE OF \$29.2 MILLION, BENEFITING THE CITIES OF QUITO AND GUAYAQUIL AND 18 OTHER SMALLER LOCALITIES.

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
						TOTAL	WR	\$	\$	\$	\$
TOTAL		1	1	-	-	TOTAL		2,641	4,600	-	-
CONSULTANT MONTHS	PW	1	1	-	-	SUBTOTAL		1,567	1,800	-	-
TOTAL		-	2	-	-			1,074	-	-	-
								-	2,800	-	-
FELLOWSHIPS-SHORT TERM	PW	-	2	-	-						

EQUADOR-3100, HEALTH SERVICES

THE PURPOSE OF THIS PROJECT IS TO COOPERATE WITH THE GOVERNMENT IN THE PROGRAMING AND DEVELOPMENT OF INTEGRATED HEALTH SERVICES AND THE TRAINING OF PROFESSIONAL PERSONNEL, BOTH TECHNICAL AND AUXILIARY.

FOR A NUMBER OF YEARS, AN INTEGRATED HEALTH PROGRAM HAS BEEN IN OPERATION IN THE PROVINCE OF MANABI, WHERE BASIC SERVICES IN MATERNAL AND INFANT HYGIENE, SANITATION, NUTRITION, MEDICAL CARE, CONTROL OF COMMUNICABLE DISEASES, HEALTH EDUCATION, STATISTICS, AND NURSING ARE BEING PROVIDED FOR A POPULATION OF APPROXIMATELY 750,000 PEOPLE. THE PROGRAM WILL BE EXTENDED IN THE NEXT FEW YEARS TO COVER AN ADDITIONAL 1,400,000 PERSONS IN THE WATERSHED OF THE GUAYAS RIVER AND THE ANDEAN REGION. IT WILL BE BASED ON THE NATIONAL HEALTH PLAN NOW IN PREPARATION.

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
						TOTAL	WR	\$	\$	\$	\$
TOTAL		4	2	2	2	TOTAL		124,096	59,429	78,823	77,820
P-5 PAHO/WHO REPRESENTATIVE 4.0450	WR	-	1	1	1	SUBTOTAL	WR	98,778	59,429	78,823	77,820
P-5 PAHO/WHO REPRESENTATIVE 4.0450	WT	1	-	-	-						
P-4 MEDICAL OFFICER 4.0926	WR	1	-	-	-	PERSONNEL-POSTS		17,054	33,829	35,023	35,020
P-3 NURSE 4.0452	WR	1	1	1	1	PERSONNEL-CONSULTANTS		5,307	5,400	3,600	3,600
P-2 STATISTICIAN 4.3304	WR	1	-	-	-	DUTY TRAVEL		3,516	3,500	3,500	3,500
						SUPPLIES AND EQUIPMENT		7,540	1,000	1,000	-
TOTAL		4	3	2	2	FELLOWSHIPS		55,750	8,200	28,200	28,200
						COMMON SERVICES		9,611	7,500	7,500	7,500
CONSULTANT MONTHS	WR	4	3	2	2	SUBTOTAL	WT	25,318	-	-	-
TOTAL		22	4	9	9						
						PERSONNEL-POSTS		22,414	-	-	-
FELLOWSHIPS-ACADEMIC	WR	18	1	6	6	DUTY TRAVEL		2,904	-	-	-
FELLOWSHIPS-SHORT TERM	WR	4	3	3	3						

ECUADOR-3101, FELLOWSHIPS

FELLOWSHIPS ARE PROVIDED IN ORDER TO TRAIN PERSONNEL FOR THE IMPROVEMENT AND EXPANSION OF HEALTH SERVICES IN THE COUNTRY.

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
						TOTAL		\$	\$	\$	\$
TOTAL		4	4	5	6	TOTAL	PR	6,700	8,200	12,200	16,200
FELLOWSHIPS-ACADEMIC	PR	1	1	2	3	FELLOWSHIPS		6,700	8,200	12,200	16,200
FELLOWSHIPS-SHORT TERM	PR	3	3	3	3						

ECUADOR-3501, NATIONAL INSTITUTE OF HEALTH

THE OBJECTIVE OF THIS PROJECT IS TO COOPERATE WITH THE NATIONAL INSTITUTE OF HEALTH AND ITS VARIOUS SECTIONS IN RESEARCH ON THE EPIDEMIOLOGY AND CONTROL OF COMMUNICABLE DISEASES, MANUFACTURE OF BIOLOGICAL PRODUCTS FOR HUMAN USE, AND CONTROL OF BIOLOGICALS MANUFACTURED IN THE COUNTRY OR IMPORTED.

IT IS PLANNED TO ORGANIZE TEN LABORATORIES IN NEW HEALTH CENTERS EACH YEAR AND TO INCREASE VACCINE PRODUCTION.

TOTAL		-	2	2	2	TOTAL		11,609	12,800	14,800	9,800
CONSULTANT MONTHS	PR	-	2	2	2	SUBTOTAL	PR	6,257	12,800	14,800	9,800
TOTAL		2	3	3	3	PERSONNEL-CONSULTANTS		-	3,600	3,600	3,600
FELLOWSHIPS-ACADEMIC	WR	1	-	-	-	SUPPLIES AND EQUIPMENT		5,000	5,000	7,000	2,000
FELLOWSHIPS-SHORT TERM	PR	1	3	3	3	FELLOWSHIPS		1,257	4,200	4,200	4,200
						SUBTOTAL	WR	5,352	-	-	-
						FELLOWSHIPS		5,352	-	-	-

ECUADOR-3700, HEALTH PLANNING

THE PURPOSE OF THIS PROJECT IS TO COOPERATE WITH THE MINISTRY OF PUBLIC HEALTH IN THE PREPARATION AND DEVELOPMENT OF A NATIONAL HEALTH PLAN.

ASSISTANCE WILL BE PROVIDED IN STRENGTHENING THE STRUCTURE, LEGAL AND ADMINISTRATIVE, OF THE RECENTLY CREATED MINISTRY OF PUBLIC HEALTH; IN ELABORATING PROVINCIAL HEALTH PLANS, WITH THE PARTICIPATION OF THE VARIOUS HEALTH AGENCIES, AND THEN EXTENDING THE PROCESS TO THE NATIONAL LEVEL; AND, EVENTUALLY, IN EVALUATING THE PLAN TO PERFECT ITS IMPLEMENTATION.

TOTAL		1	1	1	1	TOTAL		8,748	24,000	25,400	25,400
P-4 MEDICAL OFFICER 4.3489	WT	1	1	1	1	SUBTOTAL	PR	-	-	1,400	1,400
TOTAL		-	-	1	1	FELLOWSHIPS		-	-	1,400	1,400
FELLOWSHIPS-SHORT TERM	PR	-	-	1	1	SUBTOTAL	WT	8,748	24,000	24,000	24,000
						PERSONNEL-POSTS		8,484	22,500	22,500	22,500
						DUTY TRAVEL		264	1,500	1,500	1,500
						EST. GOVERNMENT CONTRIB.			15,000	15,000	15,000

ECUADOR-4200, NUTRITION

FOOD SURVEYS IN ECUADOR SHOW THAT THE DIET OF THE RURAL FAMILY, BOTH ON THE COAST AND IN THE SIERRA, IS DEFICIENT IN PROTEIN, CALORIES, AND CERTAIN VITAMINS WHEN COMPARED WITH THE TECHNICAL RECOMMENDATIONS ON FOOD INTAKE. FURTHER, THE SURVEYS SHOW THAT ABOUT 75 PER CENT OF THE POPULATION COULD AFFORD ONLY 90 PER CENT OF THE RECOMMENDED DIET, EVEN IF ALL INCOME WERE SPENT FOR FOOD.

THE PURPOSE OF THIS PROJECT IS TO INCORPORATE NUTRITION ACTIVITIES INTO THE PROGRAMS OF THE GENERAL HEALTH SERVICES. THEY INCLUDE SUPPLEMENTARY FEEDING TO VULNERABLE GROUPS AND NUTRITION ACTIVITY. THE MAIN OBJECTIVE OF THE PROGRAM IS TO REDUCE THE PREVALENCE OF MALNUTRITION AMONG PRESCHOOL CHILDREN.

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ECUADOR-4200, NUTRITION, . . . CONTINUED

FUND 1969 1970 1971 1972					FUND 1969 1970 1971 1972						
-----					-----						
					WP						
					-----						
					-----						
					-----						
TOTAL		-	-	1	1	TOTAL		-	5,400	14,883	22,582
P-3 NUTRITIONIST 4.3447	WR	-	-	1	1	PERSONNEL-POSTS		-	-	8,483	16,187
						DUTY TRAVEL		-	-	1,000	1,000
						FELLOWSHIPS		-	5,400	5,400	5,400
TOTAL		-	2	2	2						
FELLOWSHIPS-ACADEMIC	WR	-	1	1	1						
FELLOWSHIPS-SHORT TERM	WP	-	1	1	1						

ECUADOR-4202, GOITER PREVENTION

THE OBJECTIVE OF THIS PROJECT IS TO TEST THE USE OF IODIZED OIL AS A MEANS OF PREVENTING ENDEMIC GOITER AND CRETINISM, PARTICULARLY AS REGARDS THE FEASIBILITY AND EFFECTIVENESS OF THE METHOD AND ITS ACTION ON GROWTH AND DEVELOPMENT.

A PRELIMINARY CENSUS AND NUTRITIONAL AND ANTHROPOMETRIC SURVEYS WERE CARRIED OUT. INJECTIONS OF IODIZED OIL WERE ADMINISTERED TO CHILDREN IN THE COMMUNITY OF TOCACHI, WHERE A CLINIC WAS ESTABLISHED AND A DOCTOR ASSIGNED TO INITIATE LONGITUDINAL STUDIES OF BONE MATURATION. THIS STUDY OF ALTERNATE METHODS OF GOITER PREVENTION IS IN KEEPING WITH THE QUADRENNIAL PROJECTIONS FOR NUTRITION RESEARCH FOR 1969-1970.

TOTAL					
-----					
	PR	2,700	2,400	2,400	-
GRANTS		2,700	2,400	2,400	-

ECUADOR-4203, NUTRITION (PORTOVIJEJO)

THE AIM OF THIS PROJECT WAS TO CONDUCT A STUDY, SUPPORTED BY THE WILLIAMS-WATERMAN FUND, RESEARCH CORPORATION, ON THE PREVALENCE OF PROTEIN-CALORIE MALNUTRITION IN PRESCHOOL CHILDREN IN PORTOVIJEJO, AND TO ESTABLISH, WITH THE ASSISTANCE OF THE LOCAL RED CROSS, A NUTRITION REHABILITATION CENTER TO REDUCE AND PREVENT SUCH MALNUTRITION.

TOTAL					
-----					
	PG	68	9,391	-	-
GRANTS		68	9,391	-	-

ECUADOR-4204, ENDEMIC GOITER AND MENTAL RETARDATION

THE PURPOSE OF THIS PROJECT WAS TO DETERMINE THE EFFECTIVENESS OF IODIZED OIL INJECTED INTRAMUSCULARLY IN THE PREVENTION OF ENDEMIC GOITER AND CRETINISM IN THE ANDEAN REGION OF LATIN AMERICA. THE INHABITANTS OF LA ESPERANZA AND TOCACHI, TWO ISOLATED COMMUNITIES IN THE PROVINCE OF CAYAMBE, WERE GIVEN CLINICAL EXAMINATIONS. IN ONE OF THE TOWNS, 80 PER CENT OF THE POPULATION EXAMINED RECEIVED THE INJECTION, WHILE THE OTHER TOWN WAS USED AS A CONTROL GROUP. PERIODIC EXAMINATIONS OF THE NEWBORNS ARE MADE BY A CLINICIAN, IN ORDER TO COMPARE THE INCIDENCE OF CRETINISM IN BOTH VILLAGES. THE PROJECT WAS SUPPORTED BY THE NATIONAL ASSOCIATION FOR RETARDED CHILDREN.

TOTAL					
-----					
	PG	2,625	2,400	-	-
GRANTS		2,625	2,400	-	-

ECUADOR-4500, HEALTH ASPECTS OF RADIATION

THE PURPOSE OF THIS PROJECT IS TO ASSIST IN DEVELOPING A NATIONAL RADIATION PROTECTION PROGRAM, IN SETTING UP A FILM BADGE DOSIMETRY SERVICE, AND IN TRAINING STAFF. ECUADOR HAS TWO STATIONS PARTICIPATING IN THE PAN AMERICAN RADIATION SURVEILLANCE NETWORK.

TOTAL					TOTAL						
-----					-----						
		-	1	1	1		10,758	8,800	6,200	6,200	
CONSULTANT MONTHS	PP	-	-	1	1						
CONSULTANT MONTHS	WR	-	1	-	-	SUBTOTAL	PR	-	-	6,200	6,200
TOTAL		-	1	1	1						
						PERSONNEL-CONSULTANTS		-	-	1,800	1,800
FELLOWSHIPS-ACADEMIC	WR	-	1	-	-	SUPPLIES AND EQUIPMENT		-	-	3,000	3,000
FELLOWSHIPS-SHORT TERM	PR	-	-	1	1	FELLOWSHIPS		-	-	1,400	1,400
						SUBTOTAL	PG	1,140	-	-	-
						SUPPLIES AND EQUIPMENT		1,140	-	-	-
						SUBTOTAL	WR	9,618	8,800	-	-
						PERSONNEL-CONSULTANTS		-	-	1,800	-
						SUPPLIES AND EQUIPMENT		9,618	-	3,000	-
						FELLOWSHIPS		-	-	4,000	-

ECUADOR-6200, MEDICAL EDUCATION

THERE IS A SERIOUS SHORTAGE OF PHYSICIANS IN ECUADOR; THE RATIO OF PHYSICIANS PER 10,000 POPULATION IS 3.3, WITH MOST OF THEM CONCENTRATED IN LARGE CITIES.

THREE SCHOOLS OF MEDICINE IN ECUADOR - IN QUITO, GUAYAQUIL, AND CUENCA - RECENTLY JOINED IN A NATIONAL ASSOCIATION OF MEDICAL SCHOOLS. THE PURPOSE OF THIS PROJECT IS TO ASSIST THE ASSOCIATION AND THE INDIVIDUAL SCHOOLS IN IMPROVING TEACHING PROGRAMS AND IN INTRODUCING CONCEPTS OF SOCIAL AND PREVENTIVE MEDICINE INTO THE CURRICULA.

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
						TOTAL		\$	\$	\$	\$
TOTAL		3	3	3	3	TOTAL	WR	20,869	22,800	22,800	22,800
CONSULTANT MONTHS	WR	3	3	3	3	PERSONNEL-CONSULTANTS		5,019	5,400	5,400	5,400
						FELLOWSHIPS		15,850	17,400	17,400	17,400
TOTAL		12	5	5	5						
FELLOWSHIPS-ACADEMIC	WR	3	4	4	4						
FELLOWSHIPS-SHORT TERM	WR	9	1	1	1						

ECUADOR-6300, NURSING EDUCATION

THERE IS SHORTAGE OF NURSING PERSONNEL IN ECUADOR. FOR AN ESTIMATED POPULATION OF 5,776,100, THERE ARE APPROXIMATELY 600 NURSES AND 1,200 TRAINED NURSING AUXILIARIES. TO MEET THE NURSING NEEDS OF THE COUNTRY, IT IS ESTIMATED THAT IT WILL BE NECESSARY TO TRAIN 100 PROFESSIONAL NURSES AND 300 NURSING AUXILIARIES ANNUALLY FOR THE NEXT DECADE. THERE ARE AT PRESENT THREE SCHOOLS OF NURSING IN QUITO, ONE IN GUAYAQUIL, AND ONE IN THE UNIVERSITY OF CUENCA. THE NUMBER OF STUDENTS IN THE FIVE SCHOOLS IS 428. TWO CENTERS FOR THE TRAINING OF NURSING AUXILIARIES PREPARE APPROXIMATELY 60 PER YEAR.

THE PURPOSE OF THIS PROJECT IS TO STRENGTHEN THE TEACHING IN THE SCHOOLS OF NURSING, TO EXPAND IN-SERVICE TRAINING FOR NURSES AND NURSING AUXILIARIES, AND TO PREPARE GRADUATE NURSES TO ASSUME RESPONSIBILITIES FOR DIRECTING AND TEACHING IN NURSING PROGRAMS.

UNICEF COOPERATES IN THIS PROGRAM.

		1	1	-	-	TOTAL	WR	21,914	26,229	3,600	7,600
TOTAL		1	1	-	-	TOTAL					
P-3 NURSE EDUCATOR 4,0461	WR	1	1	-	-	PERSONNEL-POSTS		17,390	17,929	-	-
						PERSONNEL-CONSULTANTS		1,173	1,800	3,600	3,600
TOTAL		1	1	2	2	DUTY TRAVEL		1,032	1,500	-	-
						SUPPLIES AND EQUIPMENT		1,581	1,000	-	-
CONSULTANT MONTHS	WR	1	1	2	2	FELLOWSHIPS		738	4,000	-	4,000
TOTAL		-	1	-	1						
FELLOWSHIPS-ACADEMIC	WR	-	1	-	1						

ECUADOR-6400, SANITARY ENGINEERING EDUCATION

THE PURPOSE OF THIS PROJECT IS TO ASSIST IN IMPROVING THE TEACHING OF SANITARY ENGINEERING IN REGULAR CIVIL ENGINEERING COURSES AND IN DEVELOPING SHORT INTENSIVE COURSES IN ENVIRONMENTAL ENGINEERING AT THE CENTRAL UNIVERSITY OF ECUADOR AND THE UNIVERSITY OF GUAYAQUIL.

		-	2	2	2	TOTAL	PR	2,830	12,600	12,600	12,600
TOTAL		-	2	2	2	TOTAL					
CONSULTANT MONTHS	PR	-	2	2	2	PERSONNEL-CONSULTANTS		-	3,600	3,600	3,600
						FELLOWSHIPS		2,830	4,000	4,000	4,000
TOTAL		3	1	1	1	GRANTS		-	5,000	5,000	5,000
FELLOWSHIPS-ACADEMIC	PR	-	1	1	1						
FELLOWSHIPS-SHORT TERM	PR	3	-	-	-						

Ecuador - 6500, VETERINARY MEDICINE EDUCATION

THE PURPOSE OF THIS PROJECT IS TO ASSIST THE SCHOOLS OF VETERINARY MEDICINE IN DEVELOPING THEIR TEACHING PROGRAM ESPECIALLY AS REGARDS THE TEACHING OF PREVENTIVE MEDICINE AND PUBLIC HEALTH.

. . . CONTINUED



## ECUADOR-6500, VETERINARY MEDICINE EDUCATION . . . CONTINUED

	FUND				TOTAL		FUND			
	1969	1970	1971	1972			1969	1970	1971	1972
						WR	\$	\$	\$	\$
TOTAL	-	1	1	1	TOTAL	WR	-	9,200	4,600	4,600
CONSULTANT MONTHS	WR	-	1	1	PERSONNEL-CONSULTANTS	-	-	1,800	1,800	1,800
TOTAL	-	2	2	2	SUPPLIES AND EQUIPMENT	-	-	2,000	-	-
FELLOWSHIPS-ACADEMIC	WR	-	1	-	FELLOWSHIPS	-	-	5,400	2,800	2,800
FELLOWSHIPS-SHORT TERM	WR	-	1	2						

## ECUADOR-6600, DENTAL EDUCATION

THE PURPOSE OF THIS PROJECT IS TO ASSIST IN STRENGTHENING THE TEACHING PROGRAMS OF THE SCHOOLS OF DENTISTRY IN CUENCA, QUITO, AND GUAYAQUIL, THROUGH REVISION OF THE DENTAL CURRICULA AND THE ORGANIZATIONAL STRUCTURE OF THE SCHOOLS.

	FUND				TOTAL		FUND			
	1969	1970	1971	1972			1969	1970	1971	1972
						WR	\$	\$	\$	\$
TOTAL	2	3	3	3	TOTAL	WR	4,039	9,400	12,200	12,200
CONSULTANT MONTHS	WR	2	3	3	PERSONNEL-CONSULTANTS	-	3,039	5,400	5,400	5,400
TOTAL	-	1	3	3	SUPPLIES AND EQUIPMENT	-	1,000	-	-	-
FELLOWSHIPS-ACADEMIC	WR	-	1	1	FELLOWSHIPS	-	-	4,000	6,800	6,800
FELLOWSHIPS-SHORT TERM	WR	-	-	2						

ECUADOR  
PORTIONS OF INTERCOUNTRY PROJECTS

	1969	1970	1971	1972
	\$	\$	\$	\$
TOTAL AMRD PROJECTS	190,307	249,735	285,272	320,710
0104 EPIDEMIOLOGY -- ZONE IV	5,617	4,978	5,438	5,592
0111 EPIDEMIOLOGICAL SURVEILLANCE PROGRAM	-	-	-	1,401
0200 MALARIA TECHNICAL ADVISORY SERVICES	2,592	2,254	2,389	2,578
0217 FIELD INVESTIGATION OF MASS DRUG TREATMENT	210	-	-	-
0218 PROMOTION OF RURAL HLTH SERV AND ERADICATION CAMPAIGNSNS	3,180	2,436	2,759	5,581
0219 DATA PROCESSING & OPERATIONS RESEARCH IN MALARIA ERADICATION	-	869	1,658	2,692
0300 SMALLPOX ERADICATION	6,903	8,144	9,860	12,854
0304 SMALLPOX ERADICATION -- ZONE IV	7,386	7,921	7,982	8,290
0400 TUBERCULOSIS CONTROL	359	1,289	2,710	4,356
0404 TUBERCULOSIS CONTROL -- ZONE IV	864	1,463	1,923	2,126
0408 SEMINAR ON TUBERCULOSIS CONTROL	-	-	1,007	-
0409 COURSES ON TUBERCULOSIS - EPIDEMIOLOGY	623	1,699	2,133	2,133
0410 COURSES ON TUBERCULOSIS - BACTERIOLOGY	429	1,450	1,673	1,673
0500 LEPROSY CONTROL	1,141	1,643	1,845	2,118
0504 LEPROSY CONTROL -- ZONE IV	3,082	-	-	-
0507 COURSES ON REHAB AND PREVENTION OF DEFORMITIES (LEPROSY)	-	-	-	2,762
0600 VENEREAL DISEASE CONTROL	124	510	180	540
0700 PAN AMERICAN ZOONOSES CENTER	7,743	8,514	8,483	9,375
0704 VETERINARY PUBLIC HEALTH - ZONE IV	4,004	4,592	4,664	4,902
0713 SEMINAR ON ANIMAL TUBERCULOSIS	-	2,077	-	-
0714 SYMPOS ON THE HLTH ASPECTS OF THE INTERNAL MOVMENT OF ANIMALS	-	-	-	1,026
0716 SEMINAR ON RABIES VACCINE PRODUCTION AND CONTROL	1,013	-	-	-
0717 SEMINAR ON RABIES -- ZONE IV	1,359	-	-	-
0718 SEMINAR ON EPIDEMIOLOGY OF THE ZOONOSES	-	-	-	1,419
0900 PLAGUE CONTROL	2,128	1,800	1,800	4,386
1000 PARASITIC DISEASES	668	702	657	724
1008 CHAGAS' DISEASE	226	229	270	540
2100 ENVIRONMENTAL SANITATION	135	352	352	601
2104 SANITARY ENGINEERING -- ZONE IV	5,513	6,385	8,003	8,541
2112 AIR POLLUTION CONFERENCE	81	-	-	-
2114 PAN AMERICAN SANITARY ENGINEERING CENTER	4,782	8,244	10,441	11,159
2116 CONFERENCE ON INTEGRATION OF ENVIRONMENTAL PROGRAMS	-	-	-	544
2117 CONFERENCE ON ENVIRONMENTAL RESEARCH	-	-	1,280	-
2200 WATER SUPPLIES	4,562	2,095	3,288	3,491
2213 STUDIES AND INVESTIGATIONS OF WATER RESOURCES	486	1,144	1,379	1,379

## EQUADOR - PORTIONS OF INTERCOUNTRY PROJECTS . . . CONTINUED

2214	SEMINAR ON WATER POLLUTION CONTROL	-	833	-	-
2215	APPLIED RESEARCH ON WATER SUPPLIES	347	-	150	300
2220	PUBLIC SERVICES ADMINISTRATION	-	1,982	8,474	9,073
2222	SEMINAR ON LOANS & PROJECT DEVELOPMENT	-	-	-	971
2223	SEMINARS ON PUBLIC SERVICES ADMINISTRATION	-	-	-	466
2224	CONFERENCE ON RECENT ADVANCES IN WATER TREATMENT	-	-	-	1,718
2400	PUBLIC HEALTH ASPECTS OF HOUSING AND URBANIZATION	-	210	219	228
3110	COORDINATION OF INTERNATIONAL RESEARCH	2,024	1,249	1,367	1,976
3124	APPLICATION OF DATA PROCESSING TO HEALTH ADMINISTRATION	393	-	-	-
3126	OPERATIONS RESEARCH	-	2,531	2,531	2,531
3129	RESEARCH TRAINING IN BIOMEDICAL SCIENCES	-	1,696	1,696	848
3130	CONFERENCE ON MYCOLOGY	-	1,130	-	-
3200	NURSING SERVICES	246	862	919	1,204
3204	NURSING -- ZONE IV	5,044	5,644	5,897	6,158
3210	HOSPITAL NURSING SERVICES	25	956	1,171	1,238
3211	SEMINAR ON PLANNING FOR NURSING	-	945	-	-
3213	SEMINAR ON ADMINISTRATION OF NURSING SERVICES	-	-	1,944	-
3300	LABORATORY SERVICES	414	483	502	502
3304	LABORATORY SERVICES - ZONE IV	-	-	-	6,108
3310	CONFERENCE ON VIRAL AND RICKETTSIAL VACCINES	-	1,405	-	-
3311	TRAINING LABORATORY PERSONNEL	-	775	605	666
3400	HEALTH EDUCATION	58	248	373	373
3407	COMMUNITY DEVELOPMENT TRAINING CENTER	1,228	1,120	1,214	1,189
3409	STUDY GROUP ON HEALTH EDUCATION AND PLANNING	1,058	-	-	-
3500	HEALTH STATISTICS	14	-	351	307
3504	HEALTH STATISTICS -- ZONE IV	2,858	3,988	4,523	4,066
3516	REGIONAL SEMINAR ON DATA PROCESSING	-	619	-	-
3600	ADMINISTRATIVE METHODS AND PRACTICES IN PUBLIC HEALTH	1,591	1,532	1,567	2,210
3604	ADMINISTRATIVE METHODS AND PRACTICES - ZONE IV	-	-	-	4,786
3607	MANAGEMENT OF HEALTH SERVICES	-	-	5,093	5,093
3700	HEALTH PLANNING	2,096	4,195	3,903	4,074
3704	HEALTH PLANNING - ZONE IV	4,485	3,536	3,676	3,809
3715	PAN AMERICAN PROGRAM FOR HEALTH PLANNING	6,697	20,257	16,122	15,186
4100	MATERNAL AND CHILD HEALTH	63	400	437	1,446
4108	CLINICAL AND SOCIAL PEDIATRICS	775	1,336	1,336	1,336
4109	NURSING MIDWIFERY	-	-	2,723	2,858
4115	NURSING-MIDWIFERY EDUCATION	611	-	-	-
4116	FACULTY TRAINING IN MATERNAL AND CHILD HEALTH	-	-	2,222	-
4117	STAFFING MATERNAL AND CHILD HEALTH SERVICES	-	286	286	-
4118	STUDY GROUP ON GUIDE FOR NURSING-MIDWIFERY SERVICES	-	-	-	1,267
4119	MATERNAL AND CHILD HEALTH FELLOWSHIPS	-	1,656	709	886
4200	NUTRITION ADVISORY SERVICES	256	389	591	602
4203	INSTITUTE OF NUTRITION OF CENTRAL AMERICA AND PANAMA	8,713	7,132	6,992	7,372
4204	NUTRITION ADVISORY SERVICES -- ZONE IV	8,560	8,377	8,957	8,874
4211	RESEARCH IN PROTEIN-CALORIE MALNUTRITION	-	-	263	263
4221	SEMINAR ON NUTRITION IN FOOD AND HEALTH POLICIES	144	-	200	200
4225	GRADUATE COURSE IN PUBLIC HEALTH NUTRITION	1,776	1,427	1,312	1,301
4228	CONFERENCE ON ENDEMIC GCITER CONTROL	104	-	-	-
4233	NUTRITION TEACHING IN MEDICAL SCHOOLS	-	-	572	572
4238	NUTRITION RESEARCH	-	360	360	360
4300	MENTAL HEALTH	-	-	-	450
4311	STUDY GROUP ON ADM. OF PSYCHIATRIC & MENTAL HEALTH SERVICES	746	-	-	-
4312	COURSES IN COMMUNITY PSYCHIATRY	-	-	468	-
4314	EPIDEMIOLGICAL STUDY ON EPILEPSY	-	-	2,380	2,380
4315	STUDY GROUP ON TRAINING PSYCHIATRISTS	-	-	-	615
4409	FLUORIDATION	3,742	3,552	3,282	3,179
4500	HEALTH ASPECTS OF RADIATION	-	-	-	870
4507	RADIATION HEALTH PROTECTION	1,424	1,339	1,371	1,402
4509	RADIATION SURVEILLANCE	16	200	200	200
4511	STUDY GROUP ON RADIATION PROTECTION	3,282	-	-	-
4514	NUCLEAR MEDICINE	-	-	-	1,950
4700	FOOD AND DRUG CONTROL	1,517	1,611	1,672	1,732
4708	FOOD HYGIENE TRAINING CENTER	-	-	1,274	1,835
4711	FOOD AND DRUG CONTROL SEMINAR	-	742	-	-
4800	MEDICAL CARE SERVICES	1,539	859	1,197	1,219
4804	MEDICAL CARE SERVICES -- ZONE IV	7,903	7,940	8,296	8,656
4810	CHRONIC DISEASES	1,008	1,240	1,294	1,347
4813	HOSPITAL PLANNING AND ADMINISTRATION	2,321	273	2,443	2,485
4815	TRAINING FOR MEDICAL CARE AND HOSPITAL ADMINISTRATION	2,356	7,166	1,100	1,284
4819	SEMINAR ON CANCER REGISTRATION	640	-	-	-
4900	HEALTH AND POPULATION DYNAMICS	17,540	39,193	36,101	27,644
5000	REHABILITATION	743	1,677	2,474	2,438
5007	TEACHING OF PHYSIOTHERAPY	2,118	-	-	-
5008	SEMINAR ON REHABILITATION	-	1,245	-	-
6000	MEDICAL EDUCATION - TEXTBOOKS AND TEACHING	5,299	2,500	2,499	3,001

## ECUADOR - PORTIONS OF INTERCOUNTRY PROJECTS . . . CONTINUED

6200	MEDICAL EDUCATION	2,707	2,432	2,346	2,418
6204	MEDICAL EDUCATION - ZONE IV	5,222	6,637	7,831	8,173
6210	TEACHING METHODS AND ADMIN ORGANIZATION OF MED SCHO	2,246	4,384	4,894	5,111
6214	FACULTY TRAINING FOR MEDICAL SCHOOLS	-	1,770	-	-
6216	PREVENTIVE MEDICINE EDUCATION	2,815	2,081	1,682	1,753
6221	LIBRARY OF MEDICINE	-	-	7,231	9,512
6222	SEMINAR ON TEACHING PREVENTIVE AND SOCIAL MEDICINE	-	960	-	-
6223	TEACHING OF BEHAVIORAL SCIENCES	341	528	7,578	7,528
6224	FACULTY AND RESEARCH TRAINING CENTERS	-	1,153	911	911
6225	SURVEY OF FELLOWSHIP PROGRAMS	-	-	259	-
6226	COMMUNITY-CENTERED RESEARCH IN MEDICAL EDUCATION	-	-	-	1,038
6300	NURSING EDUCATION	592	241	241	378
6317	SEMINAR ON NURSING EDUCATION	-	-	1,967	1,967
6319	TRAINING OF NURSING AUXILIARIES	-	1,434	1,699	2,143
6400	SANITARY ENGINEERING EDUCATION	2,576	2,231	2,251	2,340
6500	VETERINARY MEDICINE EDUCATION	-	403	403	435
6600	DENTAL EDUCATION	716	323	636	653
6608	TRAINING OF AUXILIARY DENTAL PERSONNEL	166	297	297	568
6609	LATIN AMERICAN ASSOCIATION OF DENTAL SCHOOLS	350	350	350	350
6700	BIOSTATISTICS EDUCATION	300	1,020	1,020	1,020
6707	LATIN AMERICAN CENTER FOR THE CLASSIFICATION OF DISEASES	881	1,011	1,186	1,214
6708	TRAINING PROGRAM IN HOSPITAL STATISTICS	2,955	4,594	5,058	5,311
6709	RESEARCH TRAINING PROGRAMS IN HEALTH AND POPULATION	1,456	-	-	-

## ECUADOR

## SUMMARY OF INVESTMENTS BY SOURCE OF FUNDS

SOURCE OF FUNDS	*-----COUNTRY PROJECTS-----*				*-----PORTIONS OF INTER-COUNTRY PROJECTS-----*			
	1969	1970	1971	1972	1969	1970	1971	1972
TOTAL FUNDS	341,010	367,786	365,731	382,424	190,307	249,735	285,272	320,710
PR PAHO REGULAR	22,210	43,600	100,742	103,628	93,041	117,537	132,062	160,998
PM PAHO SPECIAL MALARIA	57,199	44,856	-	-	1,310	-	-	-
PW PAHO COMMUNITY WATER SUPPLY	2,641	4,600	-	-	-	-	-	-
PG PAHO GRANTS & OTHER CONTRIB.	3,833	11,751	-	-	34,591	49,625	43,369	35,511
WR WHO REGULAR	196,860	190,939	192,989	206,796	54,349	61,931	80,438	95,622
WT WHO TECHNICAL ASSISTANCE	58,267	72,000	72,000	72,000	786	2,164	15,020	15,020
WS UNITED NATIONS SPECIAL FUND	-	-	-	-	6,119	18,393	14,258	13,422
WC WHO GRANTS & OTHER FUNDS	-	-	-	-	111	115	125	137

SOURCE OF FUNDS	*-----TOTAL ALL PROJECTS-----*			
	1969	1970	1971	1972
TOTAL FUNDS	531,317	617,521	651,003	703,134
PR PAHO REGULAR	115,251	161,107	232,894	264,626
PM PAHO SPECIAL MALARIA	58,509	44,856	-	-
PW PAHO COMMUNITY WATER SUPPLY	2,641	4,600	-	-
PG PAHO GRANTS & OTHER CONTRIB.	38,424	61,416	43,369	35,511
WR WHO REGULAR	251,209	252,870	273,427	302,418
WT WHO TECHNICAL ASSISTANCE	59,053	74,161	87,020	87,020
WS UNITED NATIONS SPECIAL FUND	6,119	18,393	14,258	13,422
WC WHO GRANTS & OTHER FUNDS	111	115	125	137



## PERU

## PROGRAM BUDGET

1969		1970		1971		1972	
AMOUNT	PERCENT	AMOUNT	PERCENT	AMOUNT	PERCENT	AMOUNT	PERCENT
\$		\$		\$		\$	
300,948	48.3	337,808	45.1	349,411	45.0	378,028	46.7
244,718	39.3	227,837	30.4	231,916	29.9	250,584	31.0
11,235	1.8	17,456	2.3	18,377	2.4	20,084	2.5
121,616	19.6	88,457	11.8	70,910	9.1	76,741	9.4
38,537	6.2	57,851	7.7	75,715	9.8	78,805	9.7
3,657	.6	7,587	1.0	11,649	1.5	10,243	1.3
3,898	.6	1,173	.2	1,318	.2	1,512	.2
97	*	408	.1	144	*	432	.1
39,371	6.3	35,290	4.7	33,183	4.3	38,263	4.7
24,100	3.9	17,383	2.3	18,164	2.3	20,781	2.6
2,207	.3	2,232	.3	2,456	.3	3,723	.5
56,230	9.0	109,971	14.7	117,495	15.1	127,444	15.7
32,874	5.3	53,359	7.1	64,497	8.3	66,402	8.2
23,020	3.7	51,787	6.9	48,015	6.2	55,902	6.9
336	*	4,825	.7	4,983	.6	5,140	.6
231,731	37.4	314,570	42.0	301,865	39.0	324,607	39.9
105,698	17.1	153,213	20.5	153,343	19.8	168,858	20.8
61,421	9.9	54,022	7.2	57,525	7.4	59,309	7.3
19,460	1.7	18,847	2.5	15,454	2.0	13,795	1.7
424	.1	8,097	1.1	6,537	.8	12,707	1.6
6,224	1.0	3,536	.5	3,124	.4	3,099	.4
7,112	1.1	6,599	.9	7,494	1.0	6,765	.8
1,635	.3	15,164	2.0	24,718	3.2	36,311	4.5
18,422	3.0	46,948	6.3	38,491	5.0	36,872	4.5
126,033	20.3	161,357	21.5	148,522	19.2	155,749	19.1
7,282	1.2	13,187	1.8	14,282	1.8	14,466	1.8
37,886	6.1	43,843	5.9	41,538	5.4	42,743	5.3
1,743	.3	270	*	3,730	.5	13,225	1.6
4,367	.7	4,099	.5	4,345	.6	5,130	.6
4,108	.7	4,401	.6	4,431	.6	4,380	.5
19,101	3.1	8,602	1.1	10,021	1.3	10,362	1.3
2,287	.4	3,094	.4	2,944	.4	3,565	.4
31,799	5.1	45,549	6.1	30,556	3.9	31,581	3.9
14,605	2.3	29,394	3.9	27,073	3.5	20,729	2.5
2,855	.4	8,918	1.2	9,602	1.2	9,568	1.2
88,567	14.3	96,982	12.9	124,695	16.0	110,743	13.4
14,041	2.3	22,292	3.0	33,647	4.3	12,358	1.5
24,395	3.9	30,996	4.1	43,214	5.6	47,593	5.8
20,414	3.3	9,324	1.2	11,556	1.5	12,169	1.5
10,326	1.7	13,310	1.8	14,186	1.8	15,890	1.9
10,539	1.7	8,203	1.1	8,203	1.1	8,234	1.0
4,227	.7	5,468	.7	5,782	.7	6,069	.7
4,625	.7	7,389	1.0	8,107	1.0	8,430	1.0
621,246	100.0	749,360	100.0	775,971	100.0	813,378	100.0
*****	*****	*****	*****	*****	*****	*****	*****

\* LESS THAN .05 PERCENT

## PERU

## SUMMARY OF INVESTMENT

SOURCE OF FUNDS	TOTAL AMOUNT	*-----PERSONNEL-----*			*--DUTY--*	*---FELLOWSHIPS---		*---SEMINARS---	*SUPPLIES*	*--GRANTS--*			
		POSTS PROF.	LOCAL	STC MONTH	TRAVEL AMOUNT	ACAD.	SHORT	PART.	AND EQUIPMENT	AND OTHER			
	\$				\$			\$	\$	\$			
1969													
PAHO---PR	366,612	7	-	7	252,460	28,493	2	4	23,093	-	11,064	33,528	17,974
PM	1,599	-	-	-	1,436	17	-	-	-	-	-	56	90
PG	43,704	-	-	-	21,172	1,403	-	-	4,168	-	5,019	3,989	7,953
WHO---WR	182,734	3	-	7	86,924	10,745	9	12	62,008	-	6,794	9,952	6,311
WT	13,777	2	-	-	12,759	718	-	-	-	-	-	-	300
WS	12,235	-	-	-	9,158	724	-	-	-	-	-	1,641	712
WO	585	-	-	-	585	-	-	-	-	-	-	-	-
TOTAL	621,246	12	-	14	384,494	42,100	11	16	89,269	-	22,877	49,166	33,340
PER CENT OF TOTAL	100.0				61.9	6.8			14.4		3.7	7.9	5.3
1970													
PAHO---PR	389,233	8	-	12	279,078	20,450	8	9	48,424	-	7,193	15,311	18,777
PW	1,800	-	-	1	1,800	-	-	-	-	-	-	-	-
PG	57,449	-	-	-	26,649	1,373	-	-	9,668	-	2,327	7,307	10,125
WHO---WR	207,323	3	-	7	117,775	12,309	5	4	31,035	-	9,604	29,288	7,312
WT	56,164	2	-	3	52,326	3,086	-	-	384	-	-	88	300
WS	36,785	-	-	-	27,866	960	-	-	-	-	-	6,511	1,448
WO	606	-	-	-	606	-	-	-	-	-	-	-	-
TOTAL	749,360	13	-	23	506,100	38,158	13	13	89,511	-	19,124	58,505	37,962
PER CENT OF TOTAL	100.0				67.5	5.1			11.9		2.6	7.8	5.1
1971													
PAHO---PR	374,874	5	-	12	260,995	20,580	8	9	48,620	-	1,544	14,416	28,719
PG	44,944	-	-	-	23,427	1,553	-	-	8,455	-	77	2,814	8,618
WHO---WR	256,612	3	-	7	142,802	12,603	5	4	32,862	-	14,173	45,900	8,272
WT	70,368	2	-	4	59,950	3,409	-	-	6,323	-	-	386	300
WS	28,516	-	-	-	23,904	960	-	-	-	-	-	2,036	1,616
WO	657	-	-	-	657	-	-	-	-	-	-	-	-
TOTAL	775,971	10	-	23	511,735	39,105	13	13	96,260	-	15,794	65,552	47,525
PER CENT OF TOTAL	100.0				66.0	5.0			12.4		2.0	8.5	6.1
1972													
PAHO---PR	397,935	4	-	12	296,933	22,609	8	9	49,353	-	3,745	16,457	8,838
PG	40,151	-	-	-	24,093	1,354	-	-	3,575	-	116	2,154	8,859
WHO---WR	277,359	3	-	7	159,737	12,853	5	4	30,290	-	16,278	50,138	8,063
WT	70,368	2	-	4	59,950	3,409	-	-	6,323	-	-	386	300
WS	26,844	-	-	-	22,560	960	-	-	-	-	-	1,820	1,504
WO	721	-	-	-	721	-	-	-	-	-	-	-	-
TOTAL	813,378	9	-	23	563,994	41,185	13	13	89,541	-	20,139	70,955	27,564
PER CENT OF TOTAL	100.0				69.3	5.1			11.0		2.5	8.7	3.4

PAHO PR-REGULAR BUDGET  
 PM-SPECIAL FUND FOR MALARIA ERADICATION  
 PG-COMMUNITY WATER SUPPLY  
 PG-GRANTS AND OTHER CONTRIBUTIONS  
 PI-INCAP AND OTHER RELATED GRANTS

WHO WR-REGULAR BUDGET  
 WA-MALARIA ERADICATION SPECIAL ACCOUNT  
 WT-UNITED NATIONS TECHNICAL ASSISTANCE  
 WS-UNITED NATIONS SPECIAL FUND  
 WO-GRANTS AND OTHER FUNDS

DETAILPERU-0100, COMMUNICABLE DISEASES

THE PURPOSE OF THIS PROJECT IS TO ASSIST IN IMPROVING MEASURES FOR THE CONTROL AND ERADICATION OF COMMUNICABLE DISEASES, TO STIMULATE THE ESTABLISHMENT OF EPIDEMIOLOGICAL SERVICES, AND TO PROMOTE BETTER REPORTING OF COMMUNICABLE DISEASES.

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
								\$	\$	\$	\$
TOTAL		-	2	2	2	TOTAL	WR	-	7,500	7,500	7,500
CONSULTANT MONTHS	NR	-	2	2	2	PERSONNEL-CONSULTANTS		-	3,600	3,600	3,600
TOTAL		-	1	1	1	SUPPLIES AND EQUIPMENT		-	2,500	2,500	2,500
FELLOWSHIPS-SHORT TERM	WR	-	1	1	1	FELLOWSHIPS		-	1,400	1,400	1,400

PERU-0200, MALARIA ERADICATION

THE MALARIA ERADICATION PROGRAM, BEGUN IN 1957, HAS BEEN NOTABLY SUCCESSFUL IN THE COASTAL AREAS AND IN THE SOUTHERN PART OF THE COUNTRY. HOWEVER, RELATIVE INACCESSIBILITY TO THE INTERIOR, DISPERSION OF POPULATION, AND MIGRATORY MOVEMENTS IN THE NORTH AND NORTHEAST HAVE CAUSED DIFFICULTIES IN THE APPLICATION OF ERADICATION MEASURES IN THE AREAS IN THE ATTACK PHASE, AND THE SITUATION HAS SHOWN LITTLE IMPROVEMENT IN THE LAST FOUR YEARS.

THE POPULATION IN THE ORIGINAL MALARIA AREA WAS 4,590,000 PERSONS OR 34.8 PER CENT OF THE TOTAL POPULATION OF THE COUNTRY. PRESENTLY, 3,389,000 PEOPLE LIVE IN AREAS WHERE TRANSMISSION HAS BEEN INTERRUPTED; 1,201,000 PERSONS, OR 26.2 PER CENT OF THE POPULATION OF THE ORIGINAL MALARIA AREA, ARE IN THE ATTACK PHASE.

IN 1966, 424,903 BLOOD SMEARS WERE EXAMINED, OF WHICH 2,025 WERE POSITIVE. DURING THE FIRST TEN MONTHS OF 1969, 212,461 BLOOD SMEARS WERE EXAMINED, WITH 2,627 POSITIVE.

EFFORTS ARE BEING MADE TO RESOLVE THE LOGISTICAL PROBLEMS, AND SPECIAL ATTENTION IS BEING GIVEN TO THE TRANSFER TO THE GENERAL HEALTH SERVICES OF RESPONSIBILITY FOR EPIDEMIOLOGICAL SURVEILLANCE IN THE AREAS IN THE MAINTENANCE PHASE AS WELL AS THOSE AREAS MOVING TOWARD THE PHASE OF CONSOLIDATION.

		4	4	2	1		PR	99,741	70,289	49,485	36,649
TOTAL						TOTAL					
P-4 MEDICAL OFFICER .1051	PR	1	1	1	1	PERSONNEL-POSTS		87,675	55,889	35,085	22,249
P-4 SANITARY ENGINEER .0571	PR	1	1	-	-	DUTY TRAVEL		7,959	3,000	3,000	3,000
P-2 SANITARIAN .0572	PR	1	1	-	-	SUPPLIES AND EQUIPMENT		4,107	10,000	10,000	10,000
P-1 SANITARIAN .0575	PR	1	1	1	-	FELLOWSHIPS		-	1,400	1,400	1,400
TOTAL		-	1	1	1						
FELLOWSHIPS-SHORT TERM	PR	-	1	1	1						

PERU-0300, SMALLPOX ERADICATION

THE PURPOSE OF THIS PROJECT IS TO ASSIST WITH A PROGRAM FOR MAINTAINING A HIGH LEVEL OF IMMUNIZATION AGAINST SMALLPOX IN THE POPULATION, FOR PRODUCING SUFFICIENT VACCINES FOR THE COUNTRY'S NEEDS, AND FOR DEVELOPING AN EPIDEMIOLOGICAL SURVEILLANCE SERVICE, IN ORDER TO KEEP THE COUNTRY FREE FROM THE DISEASE.

		1	1	1	1		WR	20,555	34,540	50,595	50,226
TOTAL						TOTAL					
P-1 SANITARIAN 4.3193	WR	1	1	1	1	PERSONNEL-POSTS		12,327	12,450	13,505	13,136
TOTAL		1	1	1	1	DUTY TRAVEL		2,665	2,600	2,600	2,600
FELLOWSHIPS-SHORT TERM	WR	1	1	1	1	SUPPLIES AND EQUIPMENT		4,102	17,490	32,490	32,490
						FELLOWSHIPS		1,461	2,000	2,000	2,000

PERU-0700, VETERINARY PUBLIC HEALTH

THE PURPOSE OF THIS PROJECT IS TO ASSIST IN THE PLANNING, ORGANIZATION, AND CONDUCT OF PROGRAMS FOR THE CONTROL AND PREVENTION OF THE ZOOSES, AND PARTICULARLY OF BRUCELLOSIS, RABIES, HYDATIDOSIS, AND BOVINE TUBERCULOSIS.

A PROGRAM FOR THE CONTROL OF CAPRINE BRUCELLOSIS IS PROGRESSING IN THE DEPARTMENTS OF CALLAO, ICA, AND LIMA. THE VACCINATION OF YOUNG AND ADULT GOATS BEGAN IN AUGUST 1969 IN THE AREA OF LIMA.

. . . CONTINUED

PERU-0700, VETERINARY PUBLIC HEALTH . . . CONTINUED

FUND 1969 1970 1971 1972				FUND 1969 1970 1971 1972			
-----				-----			
				\$	\$	\$	\$
TOTAL				9,050	5,000	5,000	5,000
-----				-----			
SUBTOTAL				PR 9,050	-	-	-
-----				-----			
SUPPLIES AND EQUIPMENT				9,050	-	-	-
-----				-----			
SUBTOTAL				WR -	5,000	5,000	5,000
-----				-----			
SUPPLIES AND EQUIPMENT				-	5,000	5,000	5,000

PERU-0900, PLAGUE CONTROL

PLAGUE CONSTITUTES AN IMPORTANT PUBLIC HEALTH PROBLEM IN PERU. THE ANNUAL INCIDENCE OF HUMAN CASES IS VARIABLE. BETWEEN 1963 AND 1969 THERE WERE 1,060 CASES. THE MAJORITY OF CASES OCCURRED IN THE PROVINCES OF HUANCABAMBA AND AYABACA IN THE DEPARTMENT OF PIURA, WHICH BORDERS ON THE PROVINCE OF LOJA, ECUADOR, AND IS PART OF THE FOCUS WHICH EXISTS ALONG THE BORDER OF THE TWO COUNTRIES. HOWEVER, THERE IS PARTICULAR CONCERN BECAUSE THE DISEASE IS SPREADING TOWARD THE EAST.

THE PURPOSE OF THIS PROJECT IS TO ASSIST THE GOVERNMENT IN IMPLEMENTING A PROGRAM FOR THE CONTROL OF PLAGUE, IN IMPROVING HEALTH EDUCATION WORK IN THE COMMUNITIES AFFECTED, AND IN STUDYING THE FACTORS INFLUENCING THE OCCURRENCE AND PERSISTENCE OF PLAGUE IN THE NATURAL FOCI.

TOTAL				TOTAL			
-----				-----			
				PR			
TOTAL				22,397	15,943	16,724	17,272
-----				-----			
P-1	SANITARIAN	PR	1 1 1 1	PERSONNEL-POSTS	14,295	12,943	13,724
	.3381			DUTY TRAVEL	5,130	1,500	1,500
				SUPPLIES AND EQUIPMENT	2,972	1,500	1,500

PERU-2100, ENVIRONMENTAL SANITATION

THE OBJECTIVE OF THIS PROJECT IS TO ASSIST THE GOVERNMENT IN PLANNING AND IMPLEMENTING VARIOUS SANITATION PROGRAMS IN URBAN AND RURAL AREAS AND IN THE TRAINING OF SANITARY INSPECTORS AND OTHER AUXILIARY PERSONNEL. THE PROGRAMS WILL COVER WATER SUPPLY AND SEWERAGE, AIR AND WATER POLLUTION CONTROL, COLLECTION AND DISPOSAL OF SOLID WASTES, ELIMINATION OF INDUSTRIAL WASTES, HOUSING AND URBANIZATION, AND FOOD SANITATION.

THE COOPERATION OF THE ORGANIZATION WILL BE PROVIDED BOTH THROUGH THE MINISTRY OF HEALTH AND ALL OF THE OTHER NATIONAL AGENCIES THAT HAVE RESPONSIBILITIES IN THE ABOVE-MENTIONED FIELDS, AND THROUGH THE MINISTRY OF HOUSING, WHICH HAS THE RESPONSIBILITY FOR WATER AND SEWERAGE SERVICES IN THE COUNTRY.

THE ACTIVITIES RELATED TO SANITARY ENGINEERING AND ENVIRONMENTAL SANITATION INCLUDED IN THE VARIOUS PAHO/WHO-ASSISTED PROJECTS IN PERU WILL BE COORDINATED THROUGH THIS PROJECT.

TOTAL				TOTAL			
-----				-----			
				PR			
TOTAL				17,054	25,973	26,861	27,749
-----				-----			
P-4	SANITARY ENGINEER	PR	1 1 1 1	PERSONNEL-POSTS	16,819	20,473	21,361
	.0581			DUTY TRAVEL	235	1,500	1,500
				FELLOWSHIPS	-	4,000	4,000
TOTAL				-	1	1	1
-----				-----			
	FELLOWSHIPS-ACADEMIC	PR	- 1 1 1				

PERU-2200, WATER SUPPLIES

THE OBJECTIVE OF THIS PROGRAM IS TO ASSIST THE GOVERNMENT IN PLANNING, ORGANIZING, AND DEVELOPING A NATIONAL PROGRAM FOR THE CONSTRUCTION, EXTENSION, AND IMPROVEMENT OF WATER AND SEWER SERVICES.

PERU, THE FIRST COUNTRY TO RECEIVE A LOAN FROM THE INTER-AMERICAN DEVELOPMENT BANK (FOR THE WATER SUPPLY AND SEWERAGE SYSTEMS OF AREQUIPA), HAS RECEIVED FROM 1961-1969 A TOTAL OF \$48.4 MILLION IN INTERNATIONAL LOANS FOR WATER SUPPLY AND SEWERAGE SYSTEM PROJECTS WITH AN ESTIMATED VALUE OF \$90 MILLION.

BY 1969 WATER SUPPLY SERVICE WAS BEING PROVIDED TO 48 PER CENT OF THE PEOPLE IN URBAN AREAS BY HOUSE CONNECTIONS AND TO 8 PER CENT OF THE PEOPLE IN RURAL AREAS.

PRESENT PLANS ARE TO ALLOCATE AN ADDITIONAL \$39.5 MILLION DURING THE FOUR-YEAR PERIOD 1968-1971, TO PROVIDE 58 PER CENT OF THE 1971 URBAN POPULATION WITH WATER SERVICE FROM HOUSE CONNECTIONS AND 13 PER CENT OF THE RURAL POPULATION WITH SERVICE BY HOUSE CONNECTIONS OR PUBLIC HYDRANTS. ASSISTANCE HAS BEEN GIVEN THE MINISTRY OF HOUSING AND THE LIMA WATER AUTHORITY IN THE FIELD OF ADMINISTRATION AND MANAGEMENT OF SERVICES, INCLUDING PROGRAMING OF CONSTRUCTION AND AUTOMATIZATION OF BILLING AND COLLECTING PROCEDURES.

. . . CONTINUED



## PERU-2200, WATER SUPPLIES . . . CONTINUED

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
								\$	\$	\$	\$
TOTAL		-	3	2	2	TOTAL		-	6,800	5,000	5,000
CONSULTANT MONTHS	PW	-	1	-	-						
CONSULTANT MONTHS	WR	-	2	2	2	SUBTOTAL	PW	-	1,800	-	-
TOTAL		-	1	1	1	PERSONNEL-CONSULTANTS		-	1,800	-	-
FELLOWSHIPS-SHORT TERM	WR	-	1	1	1	SUBTOTAL	WR	-	5,000	5,000	5,000
						PERSONNEL-CONSULTANTS		-	3,600	3,600	3,600
						FELLOWSHIPS		-	1,400	1,400	1,400

## PERU-3100, HEALTH SERVICES

THE HEALTH PLAN OF PERU HAS AS ITS OBJECTIVES THE IMPROVEMENT AND EXTENSION OF HEALTH SERVICES IN ORDER TO BETTER THE HEALTH CONDITIONS OF URBAN AND RURAL POPULATIONS. IT IS ESTIMATED THAT ONE-THIRD OF THE POPULATION, OF WHICH 52.6 PER CENT IS RURAL, DOES NOT HAVE COMPLETE HEALTH SERVICES.

THE PURPOSE OF THIS PROJECT IS TO COLLABORATE WITH THE GOVERNMENT IN THE IMPLEMENTATION OF ITS HEALTH PLAN, WITH EMPHASIS ON THE EXTENSION OF SERVICES, TRAINING OF HEALTH PERSONNEL, AND THE STRENGTHENING OF ADMINISTRATIVE SERVICES AT THE NATIONAL, REGIONAL, AND LOCAL LEVELS.

		3	4	3	3		59,501	102,012	90,763	92,123	
TOTAL						TOTAL					
P-4 SANITARY ENGINEER 4.0579	WT	1	1	1	1	SUBTOTAL	PR	46,510	54,012	42,763	44,123
P-3 ADMIN. METHODS OFFICER .3518	PR	-	1	1	1	PERSONNEL-POSTS		14,762	29,112	17,863	19,223
P-3 NURSE .1062	PR	1	1	-	-	PERSONNEL-CONSULTANTS		3,265	7,200	7,200	7,200
P-3 NURSE 4.0580	WT	1	1	1	1	DUTY TRAVEL		3,009	1,500	1,500	1,500
TOTAL		3	4	4	4	SUPPLIES AND EQUIPMENT		9,030	-	-	-
CONSULTANT MONTHS	PR	3	4	4	4	FELLOWSHIPS		16,444	16,200	16,200	16,200
TOTAL		3	6	6	6	SUBTOTAL	WT	12,991	48,000	48,000	48,000
FELLOWSHIPS-ACADEMIC	PR	1	3	3	3	PERSONNEL-POSTS		12,319	45,000	45,000	45,000
FELLOWSHIPS-SHORT TERM	PR	2	3	3	3	DUTY TRAVEL		672	3,000	3,000	3,000

## PERU-3101, FELLOWSHIPS

FELLOWSHIPS ARE PROVIDED IN ORDER TO TRAIN PERSONNEL FOR THE IMPROVEMENT AND EXPANSION OF HEALTH SERVICES IN THE COUNTRY.

		12	2	2	2		27,660	8,000	8,000	8,000	
TOTAL						TOTAL	WR				
FELLOWSHIPS-ACADEMIC	WR	3	2	2	2	FELLOWSHIPS		27,660	8,000	8,000	8,000
FELLOWSHIPS-SHORT TERM	WR	9	-	-	-						

## PERU-3106, HEALTH SERVICES IN PIURA AND TUMBES

THE PURPOSE OF THIS PROJECT IS TO COOPERATE IN STRENGTHENING AND EXTENDING HEALTH SERVICES IN THE DEPARTMENTS OF PIURA AND TUMBES AS PART OF THE NATIONAL HEALTH PLAN; IN INTENSIFYING THE ESTABLISHMENT OF INTEGRATED HEALTH SERVICES IN THE AREAS OF AGRARIAN REFORM AND IN THE PROJECT OF IRRIGATION AND COLONIZATION OF SAN LORENZO; IN COORDINATING THESE ACTIONS WITH OTHER SECTORS, ESPECIALLY WITH AGRICULTURE, EDUCATION, AND HOUSING; AND IN DEVELOPING IN COORDINATION WITH THE SCHOOL OF PUBLIC HEALTH A TEACHING PROGRAM FOR TRAINING HEALTH PERSONNEL.

		-	1	1	1		WR	14,525	19,038	21,065	
TOTAL						TOTAL					
P-4 MEDICAL OFFICER 4.3517	WR	-	1	1	1	PERSONNEL-POSTS		-	13,025	17,538	19,565
						DUTY TRAVEL		-	1,500	1,500	1,500

## PERU-3300, LABORATORY SERVICES

THE MINISTRY OF HEALTH HAS APPROVED THE INTEGRATION OF THE LABORATORIES OF THE NATIONAL INSTITUTES OF HEALTH, OCCUPATIONAL HEALTH, NUTRITION, AND AGRICULTURE AND CATTLE INTO ONE NATIONAL HEALTH INSTITUTE AS PART OF THE NATIONAL HEALTH PLAN, WITH THE FUNCTIONS OF DIAGNOSIS, PRODUCTION OF BIOLOGICALS, FOOD AND DRUG CONTROL, AND SUPPORT OF COMMUNICABLE DISEASE PROGRAMS. THE INSTITUTE WILL CONTRIBUTE TO IMPROVING THE QUALITY OF WORK OF THE CLINICAL DIAGNOSTIC LABORATORIES THROUGH EVALUATION, TECHNICAL ASSISTANCE, AND TRAINING.

. . . CONTINUED

PERU-3300, LABORATORY SERVICES . . . CONTINUED

<u>FUND 1969 1970 1971 1972</u>					<u>FUND 1969 1970 1971 1972</u>						
TOTAL		-	3	3	3	TOTAL	PR	-	5,400	5,400	5,400
CONSULTANT MONTHS	PR	-	3	3	3	PERSONNEL-CONSULTANTS		-	5,400	5,400	5,400

PERU-3500, HEALTH STATISTICS

IN 1969, SOME EQUIPMENT WAS PROVIDED TO ASSIST IN STRENGTHENING THE NATIONAL HEALTH STATISTICS SERVICE.

<u>FUND 1969 1970 1971 1972</u>					<u>FUND 1969 1970 1971 1972</u>					
TOTAL					TOTAL	WR	2,409	-	-	-
SUPPLIES AND EQUIPMENT					SUPPLIES AND EQUIPMENT		2,409	-	-	-

PERU-4200, NUTRITION

THE GOVERNMENT IS DEVELOPING WITHIN THE HEALTH SERVICES A MULTISECTORAL PROGRAM OF APPLIED NUTRITION DESIGNED TO RAISE THE NUTRITIONAL STATUS OF THE POPULATION BY MEANS OF NUTRITION EDUCATION AND MEASURES TO IMPROVE FOOD HABITS AND FOOD PRODUCTION. THE PROGRAM CONSIDERS ALSO THE IMPROVEMENT OF THE HOSPITAL DIET. PARTICULAR ATTENTION IS BEING GIVEN TO INCREASE THE LOCALLY GROWN FOODS OF HIGH PROTEIN CONTENT.

IN THE ANDEAN REGION, STUDIES OF EIGHT COMMUNITIES HAVE SHOWN AN AVERAGE OF 32.8 PER CENT OF PRESCHOOL CHILDREN TO BE SUFFERING FROM PROTEIN-CALORIE MALNUTRITION. SIMILAR RESULTS WERE OBTAINED FROM STUDIES IN OTHER PARTS OF THE COUNTRY.

UNICEF, FAO, ILO, AND WFP COOPERATE IN THIS PROJECT. THE PROGRAM IS INTEGRATED INTO THE NATIONAL PLAN FOR DEVELOPMENT AND INTEGRATION OF RURAL POPULATION.

<u>TOTAL</u>					<u>TOTAL</u>						
		1	1	1	1	TOTAL	WR	15,020	19,784	19,879	20,648
P-3 NUTRITIONIST 4.3195	WR	1	1	1	1	PERSONNEL-POSTS		13,236	13,884	13,979	14,748
						DUTY TRAVEL		263	500	500	500
						FELLOWSHIPS		1,521	5,400	5,400	5,400
TOTAL		1	2	2	2						
FELLOWSHIPS-ACADEMIC	WR	-	1	1	1						
FELLOWSHIPS-SHORT TERM	WR	1	1	1	1						

PERU-4202, DEVELOPMENT OF REGENERATION CENTERS IN THE PERUVIAN HIGHLANDS

THE PURPOSE OF THIS PROJECT IS THE DEVELOPMENT OF NUTRITION REGENERATION SERVICES IN SAN JERONIMO AND JUNIN AS PART OF THE APPLIED NUTRITION PROGRAM, IN ORDER TO EDUCATE MOTHERS THROUGH THE NUTRITION REHABILITATION OF THEIR CHILDREN. THE WILLIAMS-WATERMAN FUND RESEARCH CORPORATION COOPERATES IN THIS PROJECT.

<u>TOTAL</u>					<u>TOTAL</u>					
						PG	2,694	4,398	-	-
						GRANTS	2,694	4,398	-	-

PERU-4600, INDUSTRIAL HYGIENE

IN 1969 THE ORGANIZATION COOPERATED IN THE TRAINING OF PERSONNEL FOR THE INDUSTRIAL HYGIENE SERVICES OF THE COUNTRY.

<u>TOTAL</u>					<u>TOTAL</u>						
		2	-	-	-	TOTAL	WR	12,016	-	-	-
FELLOWSHIPS-ACADEMIC	WR	2	-	-	-	FELLOWSHIPS		12,016	-	-	-

PERU-4700, FOOD AND DRUG CONTROL

IN 1969, A SHORT-TERM CONSULTANT PROVIDED ADVISORY SERVICES IN THE REORGANIZATION OF THE DRUG CONTROL SYSTEM IN PERU.

<u>TOTAL</u>					<u>TOTAL</u>						
		1	-	-	-	TOTAL	PR	772	-	-	-
CONSULTANT MONTHS	PR	1	-	-	-	PERSONNEL-CONSULTANTS		772	-	-	-

PERU-5000, REHABILITATION

THE PURPOSE OF THIS PROJECT IS TO ASSIST IN THE REORGANIZATION, STRENGTHENING OF THE PROGRAM, AND REVISION OF THE CURRICULUM OF THE SCHOOL OF OCCUPATIONAL THERAPY, WHICH IS AFFILIATED WITH THE PERUVIAN REHABILITATION INSTITUTE AND THE FACULTY OF MEDICINE AT SAN MARCOS UNIVERSITY. THE SCHOOL HAS RECENTLY COME UNDER THE GENERAL SUPERVISION OF THE MINISTRY OF PUBLIC HEALTH AND SOCIAL ASSISTANCE.

DUE TO THE SHORTAGE OF PROFESSIONALS IN THE FIELD OF OCCUPATIONAL THERAPY, THE PROPER ACADEMIC ORGANIZATION OF THE SCHOOL IS OF UTMOST IMPORTANCE FOR THE DEVELOPMENT OF ADEQUATE REHABILITATION SERVICES WITHIN THE COUNTRY.

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
						TOTAL		\$	\$	\$	\$
TOTAL		-	3	4	4	TOTAL	WT	-	6,000	7,200	7,200
CONSULTANT MONTHS	WT	-	3	4	4	PERSONNEL-CONSULTANTS		-	6,000	7,200	7,200

PERU-6100, SCHOOL OF PUBLIC HEALTH

THE OBJECTIVE OF THIS PROJECT IS TO ASSIST IN STRENGTHENING THE SCHOOL OF PUBLIC HEALTH WHICH TRAINS PROFESSIONAL, TECHNICAL, AND AUXILIARY PERSONNEL FOR THE PUBLIC HEALTH SERVICES. UNICEF CONTRIBUTES TO THIS PROGRAM.

		1969	1970	1971	1972		PR	10,000	17,200	27,200	7,200
TOTAL		-	1	1	1	TOTAL		-	1,800	1,800	1,800
CONSULTANT MONTHS	PR	-	1	1	1	PERSONNEL-CONSULTANTS		-	5,400	5,400	5,400
TOTAL		-	2	2	2	FELLOWSHIPS		10,000	10,000	20,000	-
FELLOWSHIPS-ACADEMIC	PR	-	1	1	1	GRANTS					
FELLOWSHIPS-SHORT TERM	PR	-	1	1	1						

PERU-6200, MEDICAL EDUCATION

THE NUMBER OF FACULTIES OF MEDICINE HAS MORE THAN DOUBLED IN THE LAST FEW YEARS, FROM THREE IN 1961 TO SEVEN IN 1966. AN ASSOCIATION OF MEDICAL FACULTIES HAS BEEN FORMED WHICH ARRANGES FOR THE STUDY OF COMMON PROBLEMS THROUGH SEVERAL SEMINARS. THE PURPOSE OF THIS PROJECT IS TO STRENGTHEN MEDICAL EDUCATION THROUGH ADEQUATE PLANNING OF TEACHING ACTIVITIES, IMPROVED TRAINING OF MEDICAL SCHOOL TEACHERS, AND A BETTER PEDAGOGICAL APPROACH TO THE TEACHING OF MEDICINE. A NEW UNIVERSITY LAW PASSED BY THE GOVERNMENT INTRODUCES IMPORTANT STRUCTURAL CHANGES TO BE IMPLEMENTED IN THE COMING YEARS.

		1969	1970	1971	1972		PR	4,357	11,200	11,200	11,200
TOTAL		1	1	1	1	TOTAL		660	1,800	1,800	1,800
CONSULTANT MONTHS	PR	1	1	1	1	PERSONNEL-CONSULTANTS		3,697	9,400	9,400	9,400
TOTAL		2	3	3	3	FELLOWSHIPS					
FELLOWSHIPS-ACADEMIC	PR	1	2	2	2						
FELLOWSHIPS-SHORT TERM	PR	1	1	1	1						

PERU-6300, NURSING EDUCATION

THE OBJECTIVE OF THIS PROJECT IS TO ASSIST IN ORGANIZING AND STRENGTHENING BASIC NURSING EDUCATION IN FIVE UNIVERSITIES, BUT PRINCIPALLY IN THE UNIVERSITY OF SAN MARCOS, WHERE THE FIRST BASIC PROGRAM, INITIATED IN 1967, HAS A PRESENT ENROLLMENT OF 131 STUDENTS. IN ADDITION, INSTRUCTORS IN VARIOUS CLINICAL SUBJECTS ARE BEING PREPARED THROUGH SHORT COURSES IN THE COUNTRY.

		1969	1970	1971	1972		WR	19,618	7,600	7,600	7,600
TOTAL		1	-	-	-	TOTAL		1,100	-	-	-
P-3 NURSE EDUCATOR 4.0577	WR	1	-	-	-	PERSONNEL-POSTS		8,877	3,600	3,600	3,600
TOTAL		6	2	2	2	PERSONNEL-CONSULTANTS		9,641	4,000	4,000	4,000
CONSULTANT MONTHS	WR	6	2	2	2	FELLOWSHIPS					
TOTAL		3	1	1	1						
FELLOWSHIPS-ACADEMIC	WR	3	1	1	1						

PERU-6400, SANITARY ENGINEERING EDUCATION

THE PURPOSE OF THIS PROJECT IS TO ASSIST THE PROGRAM OF SANITARY ENGINEERING OF THE NATIONAL UNIVERSITY OF ENGINEERING IN REVISING ITS COURSE CURRICULUM, ORGANIZING INTENSIVE SHORT COURSES IN VARIOUS ASPECTS OF WATER SUPPLIES, SEWERAGE, AND OTHER SUBJECTS, IMPROVING TEACHING AND LABORATORY FACILITIES, AND CARRYING OUT A PROGRAM OF APPLIED RESEARCH.

TOTAL	FUND				TOTAL	FUND	1969	1970	1971	1972
	1969	1970	1971	1972			\$	\$	\$	\$
-----	-----	-----	-----	-----	-----	PR	8,396	9,000	9,000	9,000
CONSULTANT MONTHS	PR	1	2	2	2	PERSONNEL-CONSULTANTS	3,472	3,600	3,600	3,600
TOTAL	-----	-----	-----	-----	-----	SUPPLIES AND EQUIPMENT	824	-	-	-
	PR	-	2	2	2	FELLOWSHIPS	-	5,400	5,400	5,400
FELLOWSHIPS-ACADEMIC	PR	-	1	1	1	GRANTS	4,100	-	-	-
FELLOWSHIPS-SHORT TERM	PR	-	1	1	1					

PERU-6500, VETERINARY MEDICINE EDUCATION

THE OBJECTIVE OF THIS PROJECT IS TO ASSIST THE SCHOOL OF VETERINARY MEDICINE OF THE UNIVERSITY OF SAN MARCOS IN IMPROVING TEACHING METHODS AND IN ORGANIZING A DEPARTMENT OF VETERINARY PUBLIC HEALTH, AND TO ASSIST THE ZOOLOGISTS INSTITUTE OF THE SCHOOL IN DEVELOPING ITS RESEARCH PROGRAMS.

TOTAL	FUND				TOTAL	FUND	1969	1970	1971	1972
	1969	1970	1971	1972			\$	\$	\$	\$
-----	-----	-----	-----	-----	-----	WR	10,539	7,800	7,800	7,800
CONSULTANT MONTHS	WR	1	1	1	1	PERSONNEL-CONSULTANTS	1,887	1,800	1,800	1,800
TOTAL	-----	-----	-----	-----	-----	COURSE COSTS	-	2,000	2,000	2,000
	WR	2	1	1	1	FELLOWSHIPS	8,652	4,000	4,000	4,000
FELLOWSHIPS-ACADEMIC	WR	1	1	1	1					
FELLOWSHIPS-SHORT TERM	WR	1	-	-	-					

PERU-6600, DENTAL EDUCATION

A BASIC REORGANIZATION HAS TAKEN PLACE IN THE STRUCTURE OF THE UNIVERSITIES. THE OBJECTIVE OF THIS PROGRAM IS TO ASSIST THE SCHOOLS OF DENTISTRY OF LIMA AND ICA IN REVISING THEIR CURRICULA, STRENGTHENING THE TEACHING FACILITIES, AND INCORPORATING TEACHING IN PREVENTIVE AND SOCIAL DENTISTRY.

TOTAL	FUND				TOTAL	FUND	1969	1970	1971	1972
	1969	1970	1971	1972			\$	\$	\$	\$
-----	-----	-----	-----	-----	-----	PR	3,097	4,600	4,600	4,600
CONSULTANT MONTHS	PR	1	1	1	1	PERSONNEL-CONSULTANTS	1,177	1,800	1,800	1,800
TOTAL	-----	-----	-----	-----	-----	FELLOWSHIPS	1,920	2,800	2,800	2,800
	PR	1	2	2	2					
FELLOWSHIPS-SHORT TERM	PR	1	2	2	2					

PERU  
PORTIONS OF INTERCOUNTRY PROJECTS

TOTAL AMRD PROJECTS	1969	1970	1971	1972
	\$	\$	\$	\$
-----	-----	-----	-----	-----
0104 EPIDEMIOLOGY -- ZONE IV	11,235	9,956	10,877	11,183
0111 EPIDEMIOLOGICAL SURVEILLANCE PROGRAM	-	-	-	1,401
0200 MALARIA TECHNICAL ADVISORY SERVICES	2,588	2,250	2,388	2,573
0217 FIELD INVESTIGATION OF MASS DRUG TREATMENT	209	-	-	-
0218 PROMOTION OF RURAL HLTH SERV AND ERADICATION CAMPAIGNSNS	19,078	14,615	16,552	33,481
0219 DATA PROCESSING & OPERATIONS RESEARCH IN MALARIA ERADICATION	-	1,303	2,485	4,038
0300 SMALLPOX ERADICATION	6,903	8,141	9,859	12,854
0304 SMALLPOX ERADICATION -- ZONE IV	11,079	11,881	11,972	12,436
0307 SEMINARS ON SMALLPOX ERADICATION	-	3,289	3,289	3,289
0404 TUBERCULOSIS CONTROL -- ZONE IV	2,589	4,387	5,768	6,376
0408 SEMINAR ON TUBERCULOSIS CONTROL	-	-	2,014	-
0409 COURSES ON TUBERCULOSIS - EPIDEMIOLOGY	632	1,726	2,167	2,167
0410 COURSES ON TUBERCULOSIS - BACTERIOLOGY	436	1,474	1,700	1,700
0500 LEPROSY CONTROL	816	1,173	1,318	1,512

## PERU - PORTIONS OF INTERCOUNTRY PROJECTS . . . CONTINUED

0504	LEPROSY CONTROL -- ZONE IV	3,082	-	-	-
0600	VENEREAL DISEASE CONTROL	97	408	144	432
0700	PAN AMERICAN ZOONOSES CENTER - RAMOS MEJIA	19,353	21,262	21,188	23,421
0704	VETERINARY PUBLIC HEALTH - ZONE IV	6,006	6,888	6,995	7,352
0713	SEMINAR ON ANIMAL TUBERCULOSIS	-	2,140	-	-
0714	SYMPOSIUM ON THE HEALTH ASPECTS OF THE INTERNAL MOVEMENT OF ANIMALS	-	-	-	1,025
0716	SEMINAR ON RABIES VACCINE PRODUCTION AND CONTROL	2,026	-	-	-
0717	SEMINAR ON RABIES -- ZONE IV	2,936	-	-	-
0718	SEMINAR ON EPIDEMIOLOGY OF THE ZOONOSES	-	-	-	1,465
0900	PLAGUE CONTROL	1,703	1,440	1,440	3,509
1000	PARASITIC DISEASES	666	702	656	723
1008	CHAGAS' DISEASE	700	1,530	1,800	3,000
1010	STUDY GROUP ON CHAGAS' DISEASE	841	-	-	-
2100	ENVIRONMENTAL SANITATION	133	351	351	599
2104	SANITARY ENGINEERING -- ZONE IV	5,513	6,385	8,003	8,539
2112	AIR POLLUTION CONFERENCE	163	-	-	-
2114	PAN AMERICAN SANITARY ENGINEERING CENTER	25,111	43,273	54,796	58,569
2116	CONFERENCE ON INTEGRATION OF ENVIRONMENTAL PROGRAMS	-	-	-	1,090
2117	CONFERENCE ON ENVIRONMENTAL RESEARCH	-	-	2,561	-
2200	WATER SUPPLIES	7,605	3,492	5,482	5,816
2213	STUDIES AND INVESTIGATIONS OF WATER RESOURCES	486	1,144	1,377	1,377
2214	SEMINAR ON WATER POLLUTION CONTROL	-	1,664	-	-
2215	APPLIED RESEARCH ON WATER SUPPLIES	578	-	250	500
2220	PUBLIC SERVICES ADMINISTRATION	-	7,922	2,117	2,266
2222	SEMINAR ON LOANS & PROJECT DEVELOPMENT	-	-	-	1,940
2223	SEMINARS ON PUBLIC SERVICES ADMINISTRATION	-	-	-	466
2224	CONFERENCE ON RECENT ADVANCES IN WATER TREATMENT	-	-	-	3,436
2400	PUBLIC HEALTH ASPECTS OF HOUSING AND URBANIZATION	-	209	218	227
3110	COORDINATION OF INTERNATIONAL RESEARCH	2,013	1,244	1,361	1,966
3124	APPLICATION OF DATA PROCESSING TO HEALTH ADMINISTRATION	403	-	-	-
3126	OPERATIONS RESEARCH	-	2,530	2,530	2,530
3129	RESEARCH TRAINING IN BIOMEDICAL SCIENCES	-	1,696	1,696	848
3130	CONFERENCE ON MYCOLOGY	-	1,127	-	-
3200	NURSING SERVICES	243	861	918	1,199
3204	NURSING -- ZONE IV	8,827	9,878	10,324	10,774
3210	HOSPITAL NURSING SERVICES	24	928	1,136	1,201
3211	SEMINAR ON PLANNING FOR NURSING	712	945	-	-
3213	SEMINAR ON ADMINISTRATION OF NURSING SERVICES	-	-	1,943	-
3300	LABORATORY SERVICES	424	494	514	514
3304	LABORATORY SERVICES - ZONE IV	-	-	-	6,107
3310	CONFERENCE ON VIRAL AND RICKETTSIAL VACCINES	-	1,405	-	-
3311	TRAINING LABORATORY PERSONNEL	-	798	623	686
3400	HEALTH EDUCATION	57	248	372	372
3407	COMMUNITY DEVELOPMENT TRAINING CENTER	1,224	1,117	1,210	1,185
3408	CONFERENCE ON POSTGRADUATE TRAINING IN HEALTH EDUCATION	3,335	-	-	-
3409	STUDY GROUP ON HEALTH EDUCATION AND PLANNING	1,608	-	-	-
3410	TRAINING OF TEACHERS IN HEALTH EDUCATION	-	2,171	1,542	1,542
3500	HEALTH STATISTICS	14	-	349	306
3504	HEALTH STATISTICS -- ZONE IV	4,286	5,981	6,785	6,099
3515	CENTER FOR TRAINING IN USE OF COMPUTERS IN HEALTH STATISTICS	-	-	360	360
3516	REGIONAL SEMINAR ON DATA PROCESSING	-	618	-	-
3600	ADMINISTRATIVE METHODS AND PRACTICES IN PUBLIC HEALTH	1,635	1,576	1,612	2,272
3604	ADMINISTRATIVE METHODS AND PRACTICES - ZONE IV	-	-	-	9,573
3607	MANAGEMENT OF HEALTH SERVICES	-	-	5,243	5,243
3700	HEALTH PLANNING	2,040	4,078	3,796	3,960
3704	HEALTH PLANNING - ZONE IV	2,991	2,357	2,451	2,540
3715	PAN AMERICAN PROGRAM FOR HEALTH PLANNING	13,391	40,513	32,244	30,372
4100	MATERNAL AND CHILD HEALTH	63	399	436	1,443
4108	CLINICAL AND SOCIAL PEDIATRICS	774	1,335	1,335	1,335
4109	NURSING MIDWIFERY	-	-	2,722	2,858
4115	NURSING-MIDWIFERY EDUCATION	609	-	-	-
4116	FACULTY TRAINING IN MATERNAL AND CHILD HEALTH	-	-	2,262	-
4117	STAFFING MATERNAL AND CHILD HEALTH SERVICES	-	286	286	-
4118	STUDY GROUP ON GUIDE FOR NURSING-MIDWIFERY SERVICES	-	-	-	1,266
4119	MATERNAL AND CHILD HEALTH FELLOWSHIPS	-	1,656	708	885
4200	NUTRITION ADVISORY SERVICES	249	378	575	585
4203	INSTITUTE OF NUTRITION OF CENTRAL AMERICA AND PANAMA	8,693	7,106	6,971	7,350
4204	NUTRITION ADVISORY SERVICES -- ZONE IV	8,560	8,377	8,957	8,873
4211	RESEARCH IN PROTEIN-CALORIE MALNUTRITION	-	-	268	268
4221	SEMINAR ON NUTRITION IN FOOD AND HEALTH POLICIES	143	-	199	199
4225	GRADUATE COURSE IN PUBLIC HEALTH NUTRITION	1,776	2,853	3,148	3,122
4228	CONFERENCE ON ENDEMIC GOITER CONTROL	104	-	-	-
4230	NUTRITION TRAINING	647	587	609	766
4233	NUTRITION TEACHING IN MEDICAL SCHOOLS	-	-	572	572
4238	NUTRITION RESEARCH	-	360	360	360

## PERU - PORTIONS OF INTERCOUNTRY PROJECTS . . . CONTINUED

4300	MENTAL HEALTH	250	270	450	900
4311	STUDY GROUP ON ADM. OF PSYCHIATRIC & MENTAL HEALTH SERVICES	1,493	-	-	-
4312	COURSES IN COMMUNITY PSYCHIATRY	-	-	900	-
4313	PSYCHIATRIC NURSING	-	-	-	9,333
4314	EPIDEMIOLOGICAL STUDY ON EPILEPSY	-	-	2,380	2,380
4315	STUDY GROUP ON TRAINING PSYCHIATRISTS	-	-	-	612
4400	DENTAL HEALTH	627	549	549	924
4409	FLUORIDATION	3,740	3,550	3,281	3,177
4410	LABORATORY FOR CONTROL OF DENTAL PRODUCTS	-	-	515	1,029
4500	HEALTH ASPECTS OF RADIATION	524	2,900	2,900	869
4507	RADIATION HEALTH PROTECTION	1,381	1,301	1,331	1,361
4509	RADIATION SURVEILLANCE	15	200	200	200
4511	STUDY GROUP ON RADIATION PROTECTION	2,188	-	-	-
4514	NUCLEAR MEDICINE	-	-	-	1,950
4700	FOOD AND DRUG CONTROL	1,515	1,611	1,670	1,731
4708	FOOD HYGIENE TRAINING CENTER	-	-	1,274	1,834
4711	FOOD AND DRUG CONTROL SEMINAR	-	1,483	-	-
4800	MEDICAL CARE SERVICES	1,012	835	1,161	1,182
4804	MEDICAL CARE SERVICES -- ZONE IV	7,902	7,939	8,295	8,655
4810	CHRONIC DISEASES	1,006	1,239	1,293	1,346
4813	HOSPITAL PLANNING AND ADMINISTRATION	2,318	1,899	2,371	2,412
4815	TRAINING FOR MEDICAL CARE AND HOSPITAL ADMINISTRATION	2,355	7,165	1,102	1,286
4816	PROGRESSIVE PATIENT CARE	1,979	2,694	-	-
4819	SEMINAR ON CANCER REGISTRATION	636	-	-	-
4900	HEALTH AND POPULATION DYNAMICS	13,152	29,394	27,073	20,729
5000	REHABILITATION	739	1,673	2,402	2,368
5007	TEACHING OF PHYSICOTHERAPY	2,116	-	-	-
5008	SEMINAR ON REHABILITATION	-	1,245	-	-
6000	MEDICAL EDUCATION - TEXTBOOKS AND TEACHING	8,901	4,197	4,198	5,038
6100	SCHOOLS OF PUBLIC HEALTH	3,083	5,092	4,495	5,158
6107	SEMINARS ON SCHOOLS OF PUBLIC HEALTH	958	-	1,952	-
6200	MEDICAL EDUCATION	2,703	2,429	2,345	2,415
6204	MEDICAL EDUCATION - ZONE IV	5,221	6,637	7,830	8,172
6214	FACULTY TRAINING FOR MEDICAL SCHOOLS	-	1,770	-	-
6216	PREVENTIVE MEDICINE EDUCATION	2,872	2,124	1,716	1,788
6221	LIBRARY OF MEDICINE	-	-	7,227	9,504
6222	SEMINAR ON TEACHING PREVENTIVE AND SOCIAL MEDICINE	-	959	-	-
6223	TEACHING OF BEHAVIORAL SCIENCES	341	528	7,528	7,528
6224	FACULTY AND RESEARCH TRAINING CENTERS	-	1,152	911	911
6225	SURVEY OF FELLOWSHIP PROGRAMS	-	-	259	-
6226	COMMUNITY-CENTERED RESEARCH IN MEDICAL EDUCATION	-	-	-	1,037
6300	NURSING EDUCATION	723	294	294	462
6310	PROGRAMED INSTRUCTION FOR NURSING AUXILIARIES	73	-	-	-
6317	SEMINAR ON NURSING EDUCATION	-	-	1,967	1,967
6319	TRAINING OF NURSING AUXILIARIES	-	1,430	1,695	2,140
6400	SANITARY ENGINEERING EDUCATION	1,930	1,670	1,686	1,753
6412	MANAGEMENT AND ADMINISTRATION OF SCHOOLS OF ENGINEERING	-	-	-	1,369
6500	VETERINARY MEDICINE EDUCATION	-	403	403	434
6600	DENTAL EDUCATION	715	322	636	853
6608	TRAINING OF AUXILIARY DENTAL PERSONNEL	165	296	296	566
6609	LATIN AMERICAN ASSOCIATION OF DENTAL SCHOOLS	250	250	250	250
6700	BIOSTATISTICS EDUCATION	300	1,020	1,020	1,020
6707	LATIN AMERICAN CENTER FOR THE CLASSIFICATION OF DISEASES	878	1,011	1,186	1,213
6708	TRAINING PROGRAM IN HOSPITAL STATISTICS	3,447	5,358	5,901	6,197
6709	RESEARCH TRAINING PROGRAMS IN HEALTH AND POPULATION	1,453	-	-	-

## PERU

## SUMMARY OF INVESTMENTS BY SOURCE OF FUNDS

SOURCE OF FUNDS	*-----COUNTRY PROJECTS-----*				*-----PORTIONS OF INTER-COUNTRY PROJECTS-----*			
	1969	1970	1971	1972	1969	1970	1971	1972
TOTAL FUNDS	344,876	783,564	378,845	351,232	276,370	365,796	397,126	462,146
PR PAHO REGULAR	221,374	213,617	193,233	163,193	145,238	175,616	181,641	234,742
PM PAHO SPECIAL MALARIA	-	-	-	-	1,599	-	-	-
PW PAHO COMMUNITY WATER SUPPLY	-	1,800	-	-	-	-	-	-
PG PAHO GRANTS & OTHER CONTRIB.	2,694	4,398	-	-	41,010	53,051	44,944	40,151
WR WHO REGULAR	107,817	109,749	130,412	132,839	74,817	97,574	126,200	144,520
WT WHO TECHNICAL ASSISTANCE	12,991	54,000	55,200	55,200	766	2,164	15,168	15,168
WS UNITED NATIONS SPECIAL FUND	-	-	-	-	12,235	36,785	28,516	26,844
WC WHO GRANTS & OTHER FUNDS	-	-	-	-	585	606	657	721

SOURCE OF FUNDS	*-----TOTAL ALL PROJECTS-----*			
	1969	1970	1971	1972
TOTAL FUNDS	621,246	749,360	775,971	813,378
PR PAHO REGULAR	366,612	389,233	374,874	397,935
PM PAHO SPECIAL MALARIA	1,599	-	-	-
PW PAHO COMMUNITY WATER SUPPLY	-	1,800	-	-
PG PAHO GRANTS & OTHER CONTRIB.	43,704	57,449	44,944	40,151
WR WHO REGULAR	182,734	207,323	256,612	277,359
WT WHO TECHNICAL ASSISTANCE	13,777	56,164	70,368	70,368
WS UNITED NATIONS SPECIAL FUND	12,235	36,785	28,516	26,844
WC WHO GRANTS & OTHER FUNDS	585	606	657	721





## PART III - FIELD AND OTHER PROGRAMS

## ZONE V - BRAZIL

## PROGRAM BUDGET

1 9 6 9		1 9 7 0		1 9 7 1		1 9 7 2	
AMOUNT	PERCENT	AMOUNT	PERCENT	AMOUNT	PERCENT	AMOUNT	PERCENT
\$		\$		\$		\$	
1,097,207	46.2	1,105,444	43.1	1,084,184	44.2	1,102,401	42.7
936,968	39.4	854,571	33.3	844,214	34.5	860,135	33.3
2,500	.1	16,714	.7	28,937	1.2	32,783	1.3
359,143	15.1	379,345	14.8	366,967	14.9	337,163	13.1
432,371	18.2	295,063	11.5	294,236	12.0	315,090	12.2
12,048	.5	15,841	.6	20,549	.8	18,166	.7
817	*	1,175	*	1,319	.1	8,416	.3
125	*	510	*	180	*	540	*
69,758	2.9	84,506	3.3	84,936	3.5	94,157	3.7
23,069	1.0	22,625	.9	6,480	.3	6,231	.2
37,137	1.6	38,792	1.5	1000 PARASITIC DISEASES	1.7	47,589	1.8
160,239	6.8	250,873	9.8	239,970	9.7	242,266	9.4
90,190	3.8	83,795	3.3	2100 GENERAL	83,688	94,127	3.7
69,985	3.0	166,199	6.5	2200 WATER SUPPLIES	155,374	147,202	5.7
64	*	879	*	2400 HOUSING	908	937	*
749,062	31.4	892,247	34.7	961,080	38.9	1,052,371	40.9
401,117	16.8	488,196	18.9	554,165	22.4	582,798	22.6
121,664	5.1	161,198	6.3	3100 GENERAL PUBLIC HEALTH	232,188	257,295	10.0
28,418	1.2	31,479	1.2	3200 NURSING	51,220	55,852	2.2
13,736	.6	16,264	.6	3300 LABORATORY	22,707	22,769	.9
38,499	1.6	39,650	1.5	3400 HEALTH EDUCATION	43,052	46,528	1.8
148,178	6.2	126,701	4.9	3500 STATISTICS	84,477	67,304	2.6
6,981	.3	6,435	.3	3600 ADMINISTRATIVE METHODS	34,162	52,666	2.0
43,641	1.8	106,469	4.1	3700 HEALTH PLANNING	86,359	80,384	3.1
347,945	14.6	404,051	15.8	406,915	16.5	469,573	18.3
68,276	2.9	82,946	3.2	4100 MATERNAL AND CHILD HEALTH	96,116	104,824	4.1
87,550	3.7	120,528	4.7	4200 NUTRITION	132,273	148,942	5.8
8,818	.4	10,490	.4	4300 MENTAL HEALTH	6,780	24,798	1.0
8,642	.4	8,689	.3	4400 DENTAL HEALTH	9,003	12,456	.5
2,520	.1	3,140	.1	4500 RADIATION AND ISOTOPES	3,171	6,023	.2
26,835	1.1	32,260	1.3	4600 OCCUPATIONAL HEALTH	12,912	1,976	.1
3,036	.1	4,707	.2	4700 FOOD AND DRUG	4,595	5,265	.2
86,229	3.6	66,233	2.6	4800 MEDICAL CARE	79,048	117,959	4.6
53,177	2.2	68,491	2.7	4900 HEALTH AND POPULATION DYNAMICS	57,242	41,290	1.6
2,862	.1	6,567	.3	5000 REHABILITATION	6,475	6,040	.2
528,744	22.4	570,595	22.2	415,766	16.9	421,634	16.4
33,432	1.4	26,080	1.0	6100 PUBLIC HEALTH	23,843	22,478	.9
348,000	14.7	368,231	14.3	6200 MEDICINE	208,820	243,789	9.5
19,256	.8	37,614	1.5	6300 NURSING	44,850	47,579	1.8
82,598	3.5	86,240	3.4	6400 ENVIRONMENTAL SCIENCES	70,198	32,993	1.3
15,770	.7	10,800	.4	6500 VETERINARY MEDICINE	12,200	12,200	.5
10,987	.5	10,770	.4	6600 DENTISTRY	22,192	27,596	1.1
18,701	.8	30,860	1.2	6700 BIOSTATISTICS	33,663	34,999	1.3
2,375,013	100.0	2,568,286	100.0	2,461,030	100.0	2,576,406	100.0
=====	=====	=====	=====	=====	=====	=====	=====

\* LESS THAN .05 PERCENT

## PART III - FIELD AND OTHER PROGRAMS

## ZONE V - BRAZIL

## SUMMARY OF INVESTMENT

SOURCE OF FUNDS	TOTAL AMOUNT	*-----PERSONNEL-----*			*---DUTY---*	*---FELLOWSHIPS---*		*---SEMINARS---*		*SUPPLIES*	*--GRANTS--*		
		POSTS	STC	MONTH	TRAVEL	ACAD.	SHORT	AMOUNT	PART.	AMOUNT	EQUIPMENT	AND OTHER	
	\$	PROF.	LOCAL		AMOUNT					\$	\$		
1969													
PAHO---PR	746,095	19	4	23	471,719	51,050	4	3	36,399	-	13,922	80,039	92,966
PM	211,173	17	1	-	203,832	6,048	-	-	-	-	-	843	450
PW	5,198	-	-	-	-	537	-	-	-	-	-	4,661	-
PG	303,017	2	-	1	92,720	10,126	-	-	3,401	-	12,174	84,220	100,376
WHO---WR	956,285	13	1	14	416,580	52,568	6	36	82,058	-	12,230	318,217	74,632
WA	21,597	-	-	-	21,597	-	-	-	-	-	-	-	-
WT	37,724	2	-	-	32,050	925	1	-	3,249	-	-	-	1,500
WS	65,690	1	-	1	57,568	1,205	-	-	-	-	-	6,027	890
WO	28,234	1	-	1	14,851	3	-	-	-	-	-	13,380	-
TOTAL	2,375,013	55	6	40	1,310,917	122,462	11	39	125,107	-	38,326	507,387	270,814
PER CENT OF TOTAL	100.0				55.2	5.2			5.3		1.6	21.3	11.4
1970													
PAHO---PR	835,706	19	4	22	605,302	57,550	1	20	50,946	-	12,036	18,865	91,007
PM	340,232	14	1	-	256,832	22,000	-	1	1,400	-	-	60,000	-
PW	85,390	1	-	30	69,390	1,000	-	5	13,000	-	-	2,000	-
PG	310,787	2	-	-	86,421	3,966	-	-	7,229	-	7,192	75,194	130,785
WHO---WR	823,360	16	1	27	445,875	38,712	11	27	87,633	-	26,581	155,938	68,621
WT	42,244	2	-	-	36,170	2,566	-	-	1,920	-	-	88	1,500
WS	99,831	1	-	4	69,234	2,700	1	-	5,000	-	-	20,087	2,810
WO	30,736	1	-	-	22,616	1,500	-	-	-	-	-	6,620	-
TOTAL	2,568,286	56	6	83	1,591,840	129,994	13	53	167,128	-	45,809	338,792	294,723
PER CENT OF TOTAL	100.0				62.0	5.1			6.5		1.8	13.2	11.4
1971													
PAHO---PR	888,993	19	4	27	677,236	55,714	2	27	64,942	-	13,238	11,987	65,876
PM	321,726	12	1	-	238,326	22,000	-	1	1,400	-	-	60,000	-
PW	74,361	1	-	10	39,361	1,000	-	15	31,000	-	-	3,000	-
PG	114,336	-	-	-	50,895	3,209	-	-	6,040	-	601	8,985	44,606
WHO---WR	871,519	16	1	32	510,846	40,385	12	26	100,167	-	38,335	132,125	49,661
WT	105,755	4	-	-	82,703	5,432	-	2	15,666	-	-	454	1,500
WS	73,215	1	-	-	54,978	2,700	1	-	4,958	-	-	7,545	3,034
WO	11,125	1	-	-	10,625	500	-	-	-	-	-	-	-
TOTAL	2,461,030	54	6	69	1,664,970	130,940	15	71	224,173	-	52,174	224,096	164,677
PER CENT OF TOTAL	100.0				67.7	5.3			9.1		2.1	9.1	6.7
1972													
PAHO---PR	1,119,231	25	5	25	850,593	59,872	5	27	79,158	-	17,103	49,150	63,355
PM	165,504	6	1	-	142,104	22,000	-	1	1,400	-	-	-	-
PW	52,249	1	-	10	40,249	1,000	-	-	9,000	-	-	2,000	-
PG	98,137	-	-	-	42,728	956	-	-	6,071	-	901	8,808	38,673
WHO---WR	983,837	17	1	31	571,726	41,498	12	26	107,259	-	33,667	193,272	36,415
WT	123,755	4	-	-	99,703	6,432	-	2	15,666	-	-	454	1,500
WS	33,555	-	-	-	28,200	1,200	-	-	-	-	-	2,275	1,880
WO	138	-	-	-	138	-	-	-	-	-	-	-	-
TOTAL	2,576,406	53	7	66	1,775,441	132,958	17	56	218,554	-	51,671	255,959	141,823
PER CENT OF TOTAL	100.0				68.9	5.2			8.5		2.0	9.9	5.5

PAHO PR-REGULAR BUDGET  
 PM-SPECIAL FUND FOR MALARIA ERADICATION  
 PW-COMMUNITY WATER SUPPLY  
 PG-GRANTS AND OTHER CONTRIBUTIONS  
 PI-INCAP AND OTHER RELATED GRANTS

WHO WR-REGULAR BUDGET  
 WA-MALARIA ERADICATION SPECIAL ACCOUNT  
 WT-UNITED NATIONS TECHNICAL ASSISTANCE  
 WS-UNITED NATIONS SPECIAL FUND  
 WO-GRANTS AND OTHER FUNDS

DETAIL

BRAZIL-0100, EPIDEMIOLOGY

THE OBJECTIVE OF THIS PROJECT IS TO ADVISE AND ASSIST THE GOVERNMENT IN DEVELOPING AND COORDINATING PROGRAMS FOR THE CONTROL OR ERADICATION OF COMMUNICABLE DISEASES, TO STIMULATE THE ESTABLISHMENT OF EPIDEMIOLOGICAL SERVICES, TO PROMOTE BETTER REPORTING OF THESE DISEASES, AND TO ADVISE ON PROBLEMS RELATED TO THE APPLICATION OF THE INTERNATIONAL SANITARY REGULATIONS.

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
								\$	\$	\$	\$
TOTAL		1	1	1	1	TOTAL	PR	2,500	16,714	28,937	31,031
P-4 EPIDEMIOLOGIST .1085	PR	1	1	1	1	PERSONNEL-POSTS		-	15,714	20,837	22,431
TOTAL		-	-	2	2	PERSONNEL-CONSULTANTS		-	-	3,600	3,600
CONSULTANT MONTHS	PR	-	-	2	2	DUTY TRAVEL		-	1,000	1,000	1,000
TOTAL		-	-	-	1	SEMINAR COSTS		-	-	3,500	-
FELLOWSHIPS-ACADEMIC	PR	-	-	-	1	FELLOWSHIPS		-	-	-	4,000
						GRANTS		2,500	-	-	-

BRAZIL-0200, MALARIA ERADICATION

THE MALARIA ERADICATION PROGRAM BEGAN IN BRAZIL. THE ORIGINAL MALARIOUS AREA COVERED 82 PER CENT OF THE COUNTRY WITH A POPULATION OF ABOUT 37 MILLION. BY 1968 THE ENTIRE COUNTRY HAD COMPLETED THE PREPARATORY PHASE. SOME 12.9 MILLIONS NOW LIVE IN AREAS IN THE CONSOLIDATION AND MAINTENANCE PHASE OF THE CAMPAIGN. HALF OF THIS GROUP IS IN THE STATE OF SAO PAULO WHOSE SECRETARY OF HEALTH HAS AUTHORITY TO DIRECT THE STATE'S OWN PROGRAM.

DURING 1969, 2,139,885 BLOOD FILMS WERE EXAMINED OF WHICH 56,951 WERE POSITIVE. THIS COMPARES WITH 2,081,679 EXAMINATIONS IN 1968 WITH 81,324 POSITIVE CASES BEING REGISTERED. THE PROGRAM HAS REGULAR EVALUATIONS WHICH SERVE AS THE BASES FOR FUTURE ACTIVITIES.

AID COOPERATES IN THIS PROGRAM.

TOTAL		18	15	13	9	TOTAL		317,943	340,232	321,726	282,800
P-5 CHIEF COUNTRY MALARIA ADV. .0353	PM	1	1	1	1	SUBTOTAL	PR	-	-	-	67,305
P-4 ADMIN. METHODS OFFICER .0361 .2090	PM	2	2	1	-	PERSONNEL-POSTS		-	-	-	42,305
P-4 ENTOMOLOGIST .2185	PM	1	1	1	1	SUPPLIES AND EQUIPMENT		-	-	-	25,000
P-4 MEDICAL OFFICER .0354 .0355 .0356 .0357	PM	5	4	4	4	SUBTOTAL	PM	194,489	340,232	321,726	165,504
P-4 SANITARY ENGINEER .0359	PR	-	-	-	1	PERSONNEL-POSTS		188,709	256,832	238,326	142,104
P-4 SANITARY ENGINEER .0359	PM	1	1	1	-	DUTY TRAVEL		5,780	22,000	22,000	22,000
P-3 ASSISTANT ENGINEER .0362	PM	1	1	1	-	SUPPLIES AND EQUIPMENT		-	60,000	60,000	-
P-3 ENTOMOLOGIST .2184	PR	-	-	-	1	FELLOWSHIPS		-	1,400	1,400	1,400
P-3 ENTOMOLOGIST .2184	PM	1	1	1	-	SUBTOTAL	WR	101,857	-	-	50,000
P-2 ENTOMOLOGIST .2183	PM	1	-	-	-	PERSONNEL-POSTS		75,532	-	-	-
P-1 SANITARIAN .0363 .0364 .0365 .1096	PM	4	3	2	-	DUTY TRAVEL		19,030	-	-	-
G-5 SECRETARY .3109	PM	1	1	1	1	SUPPLIES AND EQUIPMENT		7,295	-	-	50,000
TOTAL		-	1	1	1	SUBTOTAL	WA	21,597	-	-	-
FELLOWSHIPS-SHORT TERM	PM	-	1	1	1	PERSONNEL-POSTS		21,597	-	-	-
						EST. GOVERNMENT CONTRIB.			16,612,000	17,219,600	19,940,000

BRAZIL-0300, SMALLPOX ERADICATION

IN THE AMERICAS, BRAZIL IS THE ONLY ENDEMIC FOCUS OF SMALLPOX. THE PURPOSE OF THIS PROJECT IS TO ASSIST THE GOVERNMENT IN INTENSIFYING ITS ERADICATION CAMPAIGN. THE GOAL IS TO VACCINATE AT LEAST 80 PER CENT OF THE POPULATION AGAINST SMALLPOX BY 1970. THE ORGANIZATION OF EPIDEMIOLOGICAL SURVEILLANCE SERVICES WILL PROCEED SIMULTANEOUSLY.

WITH THE ASSISTANCE OF THE ORGANIZATION, THE VACCINE PRODUCTIVE CAPACITY OF BRAZIL IS OVER 50 MILLION DOSES A YEAR, WHICH IS SUFFICIENT TO MEET NATIONAL NEEDS AND TO PROVIDE VACCINE TO OTHER COUNTRIES IN THE AMERICAS. SINCE 1962, 37,604,414 PERSONS HAVE BEEN VACCINATED.

... CONTINUED



BRAZIL-0901, PLAGUE RESEARCH

PLAGUE IS AN IMPORTANT PUBLIC HEALTH PROBLEM IN BRAZIL. THE ENDEMIC AREA COVERS 180,000 SQUARE KILOMETERS, AND THERE WERE 548 CASES AND 66 DEATHS REPORTED BETWEEN 1963 AND 1967. DURING THE COURSE OF ONE OUTBREAK IN 1968, 451 CASES WERE REPORTED, OF WHICH 196 WERE CONFIRMED.

THE OBJECTIVE OF THIS PROJECT IS TO COOPERATE WITH THE MINISTRY OF HEALTH IN CARRYING OUT A PLAGUE RESEARCH PROGRAM, THE RESULTS OF WHICH WILL PROVIDE A BASIS FOR REORIENTATION OF PLAGUE CONTROL WORK.

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
								\$	\$	\$	\$
TOTAL		1	1	-	-	TOTAL	WR	21,792	21,545	5,400	3,600
P-4 MEDICAL OFFICER 4.3374	WR	1	1	-	-	PERSONNEL-POSTS		20,911	20,045	-	-
TOTAL		-	-	3	2	PERSONNEL-CONSULTANTS		-	-	5,400	3,600
CONSULTANT MONTHS	WR	-	-	3	2	DUTY TRAVEL		330	1,000	-	-
						SUPPLIES AND EQUIPMENT		551	500	-	-

BRAZIL-1000, SCHISTOSOMIASIS

SCHISTOSOMIASIS IS ONE OF THE MOST IMPORTANT PUBLIC HEALTH PROBLEMS IN BRAZIL. THE MINISTRY OF HEALTH OF BRAZIL ESTIMATES THAT IT AFFECTS SOME SIX MILLION PERSONS, PRINCIPALLY IN THE NORTHEAST OF THE COUNTRY.

THE ORGANIZATION COOPERATES WITH THE GOVERNMENT IN THE CONTROL OF THIS DISEASE BY PROVIDING ADVICE AND ASSISTANCE TO PILOT, CONTROL, AND RESEARCH PROGRAMS.

		1	4	4	4	TOTAL	PR	2,169	7,200	7,200	7,200
TOTAL		1	4	4	4	TOTAL	PR	2,169	7,200	7,200	7,200
CONSULTANT MONTHS	PR	1	4	4	4	PERSONNEL-CONSULTANTS		2,169	7,200	7,200	7,200

BRAZIL-1001, CHAGAS' DISEASE

IN BRAZIL ABOUT 30 MILLION PERSONS LIVE IN AREAS WHERE CHAGAS' DISEASE IS ENDEMIC AND WHERE ABOUT THREE MILLION PERSONS ARE INFECTED. THE PROJECT IS DIRECTED TO PRODUCTION OF NEW INFORMATION CONCERNING THE DISEASE AND ITS CONTROL. SUPPORT IS GIVEN TO PROGRAMS FOR DEVELOPMENT OF BETTER SEROLOGIC DIAGNOSIS, FOR STUDY OF THE DISEASE SYNDROME, AND FOR STUDY OF THE ECOLOGY AND CONTROL OF THE INSECT VECTORS.

	TOTAL	PR	1,000	4,000	4,000	3,000
SUPPLIES AND EQUIPMENT			-	1,000	1,000	1,000
GRANTS			1,000	3,000	3,000	2,000

BRAZIL-1002, STUDY ON PARASITIC INFECTIONS

THE PURPOSE OF THIS PROJECT IS TO ASSIST THE INSTITUTE OF TROPICAL MEDICINE IN SÃO PAULO IN ITS STUDY OF NEW DIAGNOSTIC TECHNIQUES FOR PARASITIC DISEASES.

	TOTAL	PR	3,000	-	-	-
GRANTS			3,000	-	-	-

BRAZIL-2100, ENVIRONMENTAL SANITATION

THE OBJECTIVE OF THIS PROJECT IS TO ASSIST THE GOVERNMENT IN IMPROVING ENVIRONMENTAL SANITATION GENERALLY AND IN TRAINING SANITATION PERSONNEL. PRIORITY IS GIVEN TO THE DEVELOPMENT OF URBAN AND RURAL WATER SUPPLIES, BUT ASSISTANCE IS ALSO PROVIDED IN OTHER FIELDS SUCH AS SEWAGE DISPOSAL, AIR AND WATER POLLUTION, HOUSING, URBANIZATION, INDUSTRIAL HYGIENE, VECTOR CONTROL, AND SOLID WASTE DISPOSAL.

. . . CONTINUED

## BRAZIL-2100, ENVIRONMENTAL SANITATION . . . CONTINUED

FUND 1969 1970 1971 1972					FUND 1969 1970 1971 1972					
-----					-----					
TOTAL		3	3	3	3	PR	69,667	65,503	69,556	71,826
P-5 SANITARY ENGINEER .0366	PR	1	1	1	1	PERSONNEL-POSTS	56,355	48,403	50,656	52,926
P-4 SANITARY ENGINEER .0371	PR	1	1	1	1	PERSONNEL-CONSULTANTS	2,852	5,400	7,200	7,200
G-5 SECRETARY .0367	PR	1	1	1	1	DUTY TRAVEL	7,790	7,500	7,500	7,500
						FELLOWSHIPS	2,670	4,200	4,200	4,200
TOTAL		2	3	4	4					
CONSULTANT MONTHS	PR	2	3	4	4					
TOTAL		1	3	3	3					
FELLOWSHIPS-SHORT TERM	PR	1	3	3	3					

## BRAZIL-2101, AIR AND WATER POLLUTION CONTROL

THE METROPOLITAN AREA OF SÃO PAULO HAS A POPULATION OF SOME SEVEN MILLION PEOPLE AND AT THE SAME TIME IS ONE OF THE MOST INDUSTRIALIZED AREAS IN LATIN AMERICA. ECONOMICALLY IT IS ONE OF THE MOST IMPORTANT CITIES OF BRAZIL. ITS RATE OF GROWTH IS ALSO ONE OF THE HIGHEST IN THE REGION. THE TREMENDOUS CONCENTRATION OF PEOPLE AND INDUSTRIES HAVE CAUSED SERIOUS AND PRESSING ENVIRONMENTAL HEALTH PROBLEMS.

THE MAIN OBJECTIVE OF THE PROJECT IS TO COOPERATE WITH THE STATE AND MUNICIPAL AUTHORITIES INVOLVED IN THE PLANNING AND OPERATION OF WATER AND AIR POLLUTION CONTROL PROGRAMS, IN INDUSTRIAL HEALTH, AND IN THE PROVISION OF WATER AND SEWERAGE FACILITIES.

FUND 1969 1970 1971 1972					FUND 1969 1970 1971 1972					
-----					-----					
TOTAL		1	1	-	-	WT	27,643	12,000	-	-
P-4 SANITARY ENGINEER 4.1063	WT	1	1	-	-	PERSONNEL-POSTS	23,838	11,000	-	-
						DUTY TRAVEL	556	1,000	-	-
TOTAL		1	-	-	-	FELLOWSHIPS	3,249	-	-	-
FELLOWSHIPS-ACADEMIC	WT	1	-	-	-	EST. GOVERNMENT CONTRIB.		( 150,000)	( 195,000)	( 250,000)

## BRAZIL-2102, SURVEY OF THE SAN FRANCISCO RIVER BASIN

A SHORT-TERM CONSULTANT MADE A STUDY ON THE PUBLIC HEALTH IMPLICATIONS (WITH SPECIAL EMPHASIS ON SCHISTOSOMIASIS AND CHAGAS' DISEASE) OF A PROPOSED UNDP/SPECIAL FUND IRRIGATION PROJECT IN THE LOWER MIDDLE BASIN OF THE SAN FRANCISCO RIVER. A REPORT WAS SUBMITTED TO THE GOVERNMENT, RECOMMENDING PROPHYLACTIC AND CONTROL MEASURES TO BE ADOPTED IN THE PROJECT AREA.

FUND 1969 1970 1971 1972					FUND 1969 1970 1971 1972					
-----					-----					
TOTAL		1	-	-	-	WD	2,851	-	-	-
CONSULTANT MONTHS	WD	1	-	-	-	PERSONNEL-CONSULTANTS	2,851	-	-	-

## BRAZIL-2200, WATER SUPPLIES

THE OBJECTIVE OF THIS PROJECT IS TO ASSIST IN STUDYING WATER SUPPLY PROBLEMS AND IN FORMULATING PLANS FOR FINANCING WATER SUPPLY SYSTEMS.

IN 1961, IT WAS ESTIMATED THAT IN ORDER TO REACH THE OBJECTIVES SET FORTH IN THE CHARTER OF PUNTA DEL ESTE IT WOULD BE NECESSARY FOR BRAZIL TO SUPPLY WATER TO AN ADDITIONAL 4,098,400 PERSONS EACH YEAR FOR 10 YEARS. MORE DETAILED ESTIMATES INDICATE THAT THE URBAN POPULATION IN 1969 ROSE TO 48.5 MILLION, OF WHICH 25.5 MILLION HAVE WATER SERVICE. IF THE URBAN POPULATION REACHES 54.2 MILLION IN 1971 (AS ESTIMATED AT PRESENT) OF WHICH 37.9 MILLION (70 PER CENT) SHOULD HAVE WATER, IT IS NECESSARY TO PROVIDE THIS SERVICE TO AN ADDITIONAL 12.4 MILLION DURING THE NEXT THREE YEARS.

TO REACH THE 50 PER CENT GOAL FOR RURAL POPULATION, IT WILL BE NECESSARY TO PROVIDE SERVICES FOR 18.9 MILLION ADDITIONAL PEOPLE DURING THE SAME PERIOD.

IT IS ESTIMATED THAT BRAZIL HAS ALLOCATED \$338 MILLION FOR LOAN-FINANCED PROJECTS FROM 1961-1969, OF WHICH \$152 MILLION WAS OBTAINED FROM INTERNATIONAL SOURCES. AS OF 1967 IT PLANNED TO SPEND AN ADDITIONAL \$420 MILLION DURING THE NEXT FOUR YEARS TO PROVIDE, BY 1971, WATER SUPPLY THROUGH HOUSE CONNECTIONS FOR 60 PER CENT OF THE URBAN POPULATION AND FOR 14 PER CENT OF THE RURAL POPULATION BY HOUSE CONNECTIONS OR PUBLIC HYDRANTS.

FUND 1969 1970 1971 1972					FUND 1969 1970 1971 1972					
-----					-----					
TOTAL		-	4	4	-		537	7,200	7,200	-
CONSULTANT MONTHS	WR	-	4	4	-	SUBTOTAL	537	-	-	-
						DUTY TRAVEL	537	-	-	-
						SUBTOTAL	-	7,200	7,200	-
						PERSONNEL-CONSULTANTS	-	7,200	7,200	-

BRAZIL-2201, WATER SUPPLIES IN SÃO PAULO

THE PURPOSE OF THIS PROJECT IS TO COOPERATE IN THE IMPROVEMENT OF THE ADMINISTRATION OF THE WATER SUPPLY SERVICES IN SÃO PAULO.

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
								\$	\$	\$	\$
TOTAL		-	1	1	1	TOTAL	PW	4,661	85,390	74,361	52,249
P-4 ADMINISTRATIVE CONSULTANT .3600	PW	-	1	1	1	PERSONNEL-POSTS		-	15,390	21,361	22,249
TOTAL		-	30	10	10	PERSONNEL-CONSULTANTS		-	54,000	18,000	18,000
CONSULTANT MONTHS	PW	-	30	10	10	DUTY TRAVEL		-	1,000	1,000	1,000
TOTAL		-	5	15	-	COURSE COSTS		-	6,000	10,000	9,000
FELLOWSHIPS-SHORT TERM	PW	-	5	15	-	PUBLICATIONS		-	2,000	3,000	2,000
						SUPPLIES AND EQUIPMENT		4,661	-	-	-
						FELLOWSHIPS		-	7,000	21,000	-

BRAZIL-3101, HEALTH SERVICES IN STATES AND TERRITORIES

THE NORTHEAST OF BRAZIL CONSISTS OF NINE GEOGRAPHICALLY CONTIGUOUS STATES, WHICH ARE CULTURALLY AND ECONOMICALLY SIMILAR, WITH A POPULATION OF 28 MILLION. UNICEF AND THE ORGANIZATION HAVE BEEN COOPERATING WITH THE VARIOUS STATES IN THE AREA, UNDER AGREEMENTS WITH THE FEDERAL AND STATE GOVERNMENTS AND EDUCATIONAL INSTITUTIONS.

THE OBJECTIVE OF THIS PROJECT IS TO ESTABLISH A GENERAL PROGRAM EMBRACING ALL THE STATES IN THE NORTHEAST WHICH WILL INTEGRATE THE PROGRAMS OF HEALTH, BASIC SANITATION, TRAINING OF PERSONNEL, AND DEVELOPMENT OF BIOMEDICAL RESEARCH, WHILE PERMITTING THE OPERATION OF SPECIFIC PROGRAMS IN INDIVIDUAL STATES AND INSTITUTIONS. UNICEF AND AID COOPERATE IN THIS PROJECT.

		6	5	6	6		139,373	126,435	159,864	162,990	
TOTAL						TOTAL					
P-5 MEDICAL OFFICER 4.0349	WR	1	1	1	1	SUBTOTAL	PR	57,985	36,548	38,080	39,612
P-4 MEDICAL OFFICER 4.3157	WT	-	-	1	1	PERSONNEL-POSTS		45,998	31,048	32,580	34,112
P-4 SANITARY ENGINEER 4.0348	WR	1	1	1	1	DUTY TRAVEL		5,385	2,000	2,000	2,000
P-3 ADMIN. METHODS OFFICER .3205	PR	1	1	1	1	COMMON SERVICES		6,602	3,500	3,500	3,500
P-3 NURSE .3387	PR	1	-	-	-	SUBTOTAL	WR	81,388	89,887	97,784	99,378
P-3 NURSE 4.0372	WR	1	1	1	1	PERSONNEL-POSTS		68,495	70,387	79,684	81,278
P-3 STATISTICIAN .0928	PR	1	1	1	1	DUTY TRAVEL		8,472	8,500	8,500	8,500
TOTAL		3	6	5	5	SUPPLIES AND EQUIPMENT		338	-	-	-
FELLOWSHIPS-ACADEMIC	WR	-	1	1	1	FELLOWSHIPS		4,083	11,000	9,600	9,600
FELLOWSHIPS-SHORT TERM	WR	3	5	4	4	SUBTOTAL	WT	-	-	24,000	24,000
						PERSONNEL-POSTS		-	-	22,500	22,500
						DUTY TRAVEL		-	-	1,500	1,500
						EST. GOVERNMENT CONTRIB.			(1,595,000)	(1,595,000)	(1,595,000)

BRAZIL-3104, HEALTH SERVICES (SÃO PAULO)

THE STATE OF SÃO PAULO HAS A POPULATION OF ABOUT 18 MILLION AND IS ONE OF THE MOST HIGHLY DEVELOPED POLITICAL UNITS OF BRAZIL. ITS BUDGET FOR HEALTH SERVICES IS GROWING ANNUALLY. HOWEVER, THE TECHNICOADMINISTRATIVE ORGANIZATION NEEDS IMPROVEMENT. THE STATE AUTHORITIES HAVE ALREADY INITIATED A STUDY ON THE STRUCTURE OF HEALTH SERVICES, WITH A VIEW TO DECENTRALIZING THE EXECUTION OF THE VARIOUS PROGRAMS AND ESTABLISHING HEALTH REGIONS WITHIN THE STATE.

IN ADDITION, THE SECRETARY OF HEALTH HAS A SPECIAL INTEREST IN FURTHER DEVELOPING THE MALARIA AND SMALLPOX ERADICATION CAMPAIGNS AND TUBERCULOSIS CONTROL PROGRAMS. COOPERATION IN THE ADMINISTRATIVE AND LOGISTICAL ASPECTS OF THESE ACTIVITIES WILL BE PROVIDED BY THE ORGANIZATION.

		-	2	2	2		WR	-	6,400	6,400	6,400
TOTAL						TOTAL					
CONSULTANT MONTHS	WR	-	2	2	2	PERSONNEL-CONSULTANTS		-	3,600	3,600	3,600
TOTAL		-	2	2	2	FELLOWSHIPS		-	2,800	2,800	2,800
FELLOWSHIPS-SHORT TERM	WR	-	2	2	2						

BRAZIL-3105, FELLOWSHIPS

FELLOWSHIPS ARE PROVIDED IN ORDER TO TRAIN PERSONNEL FOR THE IMPROVEMENT AND EXPANSION OF HEALTH SERVICES IN THE COUNTRY.

FUND 1969 1970 1971 1972					FUND 1969 1970 1971 1972						
					\$                      \$                      \$                      \$						
TOTAL		-	-	-	1	TOTAL		32,210	21,600	22,800	33,825
G-5 SECRETARY 4.3601	PR	-	-	-	1	SUBTOTAL	PR	-	5,600	2,800	9,825
TOTAL		19	8	7	10	PERSONNEL-POSTS FELLOWSHIPS		-	5,600	2,800	4,225
FELLOWSHIPS-ACADEMIC	WR	2	4	5	6	SUBTOTAL	WR	32,210	16,000	20,000	24,000
FELLOWSHIPS-SHORT TERM	PR	-	4	2	4	FELLOWSHIPS		32,210	16,000	20,000	24,000
FELLOWSHIPS-SHORT TERM	WR	17	-	-	-						

BRAZIL-3108, HEALTH SERVICES IN RURAL AREAS

THE RURAL POPULATION OF BRAZIL IS ESTIMATED AT 44.5 MILLION, AND OF THESE ABOUT 46 PER CENT ARE LESS THAN 15 YEARS OF AGE. THE CRUDE ANNUAL PER CAPITA INCOME IS ESTIMATED AT \$50, INDICATING THE ECONOMIC CONDITION UNDER WHICH RURAL FAMILIES LIVE. THE INDICES FOR BOTH GENERAL AND INFANT MORTALITY ARE HIGH, AND THE MORTALITY FROM COMMUNICABLE DISEASES AND PROBLEMS RELATED TO NUTRITION IS ACCENTUATED IN THE RURAL AREAS. LOCAL HEALTH SERVICES ARE PRACTICALLY NONEXISTENT.

THE PURPOSE OF THIS PROJECT IS TO COLLABORATE WITH THE BRAZILIAN ASSOCIATION OF CREDIT AND RURAL ASSISTANCE, WHICH IS PROMOTING RURAL DEVELOPMENT. EMPHASIS WILL BE ON STRENGTHENING ACTIVITIES IN NUTRITION, BASIC HEALTH SERVICES, EDUCATION, AND SANITATION, THROUGH THE TRAINING OF PERSONNEL AND THE PROMOTION OF INTEGRATED NUTRITION AND HEALTH ACTIVITIES IN RURAL AREAS. OVER THE NEXT FOUR YEARS TRAINING COURSES WILL BE GIVEN TO 30 OR 40 SUPERVISORY LEVEL PERSONNEL EACH YEAR.

TOTAL		-	-	-	1	TOTAL	WR	-	5,400	5,400	11,871
P-4 MEDICAL OFFICER 4.3198	WR	-	-	-	1	PERSONNEL-POSTS		-	-	-	10,871
TOTAL		-	3	3	-	PERSONNEL-CONSULTANTS		-	5,400	5,400	-
CONSULTANT MONTHS	WR	-	3	3	-	DUTY TRAVEL		-	-	-	1,000
						EST. GOVERNMENT CONTRIB.			( 100,000)	( 100,000)	( 100,000)

BRAZIL-3109, HEALTH SERVICES (AMAZON BASIN)

THE AMAZON REGION ENCOMPASSES TWO STATES AND FOUR TERRITORIES IN WHICH BOTH GENERAL AND INFANT MORTALITY RATES ARE VERY HIGH. THERE IS A HIGH INCIDENCE OF MALARIA, A HIGH PREVALENCE OF LEPROSY, AND A CONSIDERABLE INCIDENCE OF JUNGLE YELLOW FEVER AND OTHER ARBOVIRUSES. THE AREA IS ALSO AN IMPORTANT FOCI OF FILARIASIS. IT IS PLANNED TO EXTEND THE NETWORK OF HEALTH SERVICES INTO THIS AREA, WITH EMPHASIS ON MATERNAL AND CHILD HEALTH SERVICES AND SANITATION PROGRAMS, IN ADDITION TO THE TRAINING OF PERSONNEL AND THE CONTROL OF COMMUNICABLE DISEASES.

TOTAL		-	-	2	4	TOTAL		-	-	54,800	96,014
P-4 MEDICAL OFFICER 4.3301	WT	-	-	1	1	SUBTOTAL	PR	-	-	-	17,214
P-4 SANITARY ENGINEER 4.3412	PR	-	-	-	1	PERSONNEL-POSTS		-	-	-	15,714
P-3 ADMIN. METHODS OFFICER 4.3602	WT	-	-	1	1	DUTY TRAVEL		-	-	-	1,500
P-3 NURSE 4.3413	WT	-	-	-	1	SUBTOTAL	WT	-	-	54,800	78,800
TOTAL		-	-	2	2	PERSONNEL-POSTS		-	-	45,000	67,500
FELLOWSHIPS-SHORT TERM	WT	-	-	2	2	DUTY TRAVEL		-	-	3,000	4,500
						FELLOWSHIPS		-	-	6,800	6,800



BRAZIL-3110, HEALTH SERVICES IN THE SOUTHEAST

IN THE STATES OF PARANA, SANTA CATARINA AND RIO GRANDE DO SUL THERE IS AN INADEQUATE NETWORK OF LOCAL HEALTH SERVICES. VARIOUS INDICES SHOW HIGH GENERAL AND INFANT MORTALITY RATES AS WELL AS A HIGH PREVALENCE OF COMMUNICABLE DISEASES. SOME AREAS HAVE SPECIAL PROBLEMS, SUCH AS BRUCELLOSIS, ENDEMIC GOITER, CHAGAS' DISEASE, AND HYDATIDOSIS, AND THERE IS A VERY IMPORTANT FOCUS OF MALARIA IN THE STATE OF SANTA CATARINA.

THE PURPOSE OF THIS PROJECT IS TO COOPERATE WITH THE SECRETARIES OF HEALTH OF EACH STATE AND WITH THE FEDERAL GOVERNMENT IN FORMULATING STATE HEALTH PLANS WITHIN THE GENERAL POLICY AND NORMS ESTABLISHED BY THE FEDERAL GOVERNMENT IN INSTITUTIONALIZING THE PLANNING PROCESS; IN DEVELOPING AN EFFICIENT STATISTICAL SYSTEM; IN TRAINING AND BETTER UTILIZATION OF PERSONNEL; IN BETTER UTILIZATION OF FINANCIAL RESOURCES; AND IN THE ESTABLISHMENT OF INTRASTATE AND REGIONAL COORDINATION.

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
								\$	\$	\$	\$
TOTAL		2	4	5	5	TOTAL		14,467	78,806	102,320	118,605
P-4 ADMIN. METHODS OFFICER .3388	PR	1	1	1	1	SUBTOTAL	PR	14,467	40,387	46,398	48,880
P-4 MEDICAL OFFICER .3046	PR	1	1	1	1	PERSONNEL-POSTS		12,442	36,187	42,198	44,680
P-4 SANITARY ENGINEER 4.3414	WR	-	1	1	1	DUTY TRAVEL		629	3,000	3,000	3,000
P-3 NURSE 4.3415	WR	-	-	1	1	SUPPLIES AND EQUIPMENT		225	-	-	-
P-3 STATISTICIAN 4.3519	WR	-	1	1	1	FELLOWSHIPS		1,171	-	-	-
TOTAL		1	3	2	2	COMMON SERVICES		-	1,200	1,200	1,200
FELLOWSHIPS-ACADEMIC	WR	-	1	-	-	SUBTOTAL	WR	-	38,419	55,922	69,725
FELLOWSHIPS-SHORT TERM	PR	1	-	-	-	PERSONNEL-POSTS		-	27,419	47,422	61,225
FELLOWSHIPS-SHORT TERM	WR	-	2	2	2	DUTY TRAVEL		-	3,000	4,500	4,500
						SUPPLIES AND EQUIPMENT		-	1,200	1,200	1,200
						FELLOWSHIPS		-	6,800	2,800	2,800

BRAZIL-3200, NURSING SERVICES

THERE ARE IN BRAZIL 34 ACCREDITED SCHOOLS OF NURSING, 4 SCHOOLS FOR NURSE TECHNICIANS, 6 COURSES IN OBSTETRICS, 9 COURSES IN PUBLIC HEALTH, 6 POSTGRADUATE COURSES, AND 78 SCHOOLS OR CENTERS FOR THE TRAINING OF NURSING AUXILIARIES. HOWEVER, THE PRESENT NUMBER OF GRADUATES FROM THESE TYPES OF PROGRAMS IS INSUFFICIENT TO KEEP PACE WITH THE SERVICE NEEDS. THERE ARE ALSO INDICATIONS THAT SERVICES WILL REQUIRE AN INCREASING NUMBER OF MIDWIFERY-TRAINED NURSING PERSONNEL.

THE OBJECTIVE OF THIS PROJECT IS TO ASSIST THE NATIONAL AUTHORITIES IN DETERMINING THE NURSING AND MIDWIFERY NEEDS OF THE HEALTH SERVICES; IN PLANNING PROGRAMS FOR THE IMPROVEMENT OF NURSING WITHIN PUBLIC HEALTH INSTITUTIONS AND HOSPITALS; IN DEVELOPING INVESTIGATIONS TO IDENTIFY AND SOLVE PROBLEMS; AND IN IMPROVING TRAINING PROGRAMS FOR NURSING AND MIDWIFERY PERSONNEL. YEARLY SEMINARS AND COURSES IN VARIOUS FIELDS OF NURSING ARE PLANNED FOR 1970-1972.

		3	3	3	3		PR	38,106	53,186	66,143	68,752
TOTAL						TOTAL					
P-4 NURSE .0378	PR	1	1	1	1	PERSONNEL-POSTS		26,154	38,286	43,793	46,402
P-3 NURSE EDUCATOR .3313	PR	1	1	1	1	PERSONNEL-CONSULTANTS		7,135	-	3,600	3,600
G-5 SECRETARY .0379	PR	1	1	1	1	DUTY TRAVEL		3,717	3,700	3,700	3,700
TOTAL		5	-	2	2	SEMINAR COSTS		-	4,000	4,000	4,000
CONSULTANT MONTHS	PR	5	-	2	2	COURSE COSTS		1,100	4,000	4,000	4,000
TOTAL		-	2	3	3	SUPPLIES AND EQUIPMENT		-	400	250	250
FELLOWSHIPS-ACADEMIC	PR	-	-	1	1	FELLOWSHIPS		-	2,800	6,800	6,800
FELLOWSHIPS-SHORT TERM	PR	-	2	2	2	EST. GOVERNMENT CONTRIB.		( 270,000)	( 320,000)	( 460,000)	

BRAZIL-3302, YELLOW FEVER LABORATORY

BY AN AGREEMENT WITH THE ORGANIZATION, THE OSWALDO CRUZ INSTITUTE SERVES AS THE YELLOW FEVER VACCINE SUPPLY CENTER FOR BRAZIL AND OTHER COUNTRIES IN THE AMERICAS. THE INSTITUTE ALSO PROVIDES SEROLOGICAL AND PATHOLOGICAL DIAGNOSTIC SERVICES FOR THE CONTINENT-WIDE CAMPAIGN AGAINST YELLOW FEVER. IN 1958, 4,953,000 DOSES OF YELLOW FEVER VACCINE WERE PRODUCED AND 3,172,800 WERE DISTRIBUTED TO OTHER COUNTRIES IN THE REGION. THERE IS A RESERVE STOCK OF FIVE MILLION DOSES.

THE PURPOSE OF THE PROJECT IS TO PROVIDE FURTHER ASSISTANCE TO THE INSTITUTE WITH A YEARLY GRANT FOR SUPPLIES AND EQUIPMENT.

	PR	9,359	10,000	10,000	10,000
TOTAL					
GRANTS		9,359	10,000	10,000	10,000

BRAZIL-3400, HEALTH EDUCATION

IN 1969, THERE EXISTED 71 MEDICAL SCHOOLS, 44 DENTAL SCHOOLS, AND 7 PUBLIC HEALTH SCHOOLS IN BRAZIL. WITH THE EXCEPTION OF THE LAST CATEGORY, NONE OF THE SCHOOLS HAS INCORPORATED INTO ITS CURRICULUM PUBLIC HEALTH COURSES.

THE PURPOSE OF THIS PROJECT IS TO COOPERATE WITH THE NATIONAL MINISTRY OF HEALTH AND OTHER RELATED AGENCIES IN THE DEVELOPMENT OF WELL-PLANNED AND -ORGANIZED HEALTH EDUCATION SERVICES AS ESSENTIAL ELEMENTS OF FEDERAL, STATE, AND MUNICIPAL HEALTH PROGRAMS; AND TO ENCOURAGE PEOPLE CONCERNED TO MAKE MORE EFFECTIVE USE OF AVAILABLE HEALTH SERVICES AND TO ASSUME AN ACTIVE AND RESPONSIBLE PART IN APPLYING SOUND HEALTH PRACTICES IN THEIR DAILY LIVING ON A WELL-INFORMED BASIS. THIS PROJECT ALSO EMBRACES ASSISTANCE FOR THE USE OF EXISTING AND POTENTIAL RESOURCES IN THE COUNTRY IN ORDER TO INCLUDE OR IMPROVE HEALTH EDUCATION AND THE BEHAVIORAL SCIENCES IN THE CURRICULA OF SCHOOLS OF PUBLIC HEALTH AND OTHER SCHOOLS IN WHICH THE PUBLIC HEALTH TEAM MEMBERS ARE PREPARED; TO STRENGTHEN AND EXTEND THE PRE- AND IN-SERVICE TRAINING IN HEALTH EDUCATION FOR ALL CATEGORIES OF HEALTH PERSONNEL AND OTHER RELATED AGENCIES; AND TO PREPARE HEALTH EDUCATION SPECIALISTS AT THE PROFESSIONAL LEVEL.

REGIONAL SEMINARS ARE PLANNED FOR KEY PROFESSIONALS IN THE FIELD OF HEALTH EDUCATION IN 1971 AND 1972.

FUND	1969	1970	1971	1972	FUND	1969	1970	1971	1972	
						\$	\$	\$	\$	
TOTAL		1	1	1	1	WR	31,140	36,108	39,920	43,422
P-4 HEALTH EDUCATOR 4,2156	WR	1	1	1	1	PERSONNEL-POSTS	23,255	28,308	27,120	30,622
						PERSONNEL-CONSULTANTS	-	1,800	5,400	5,400
						DUTY TRAVEL	2,360	2,000	2,000	2,000
TOTAL		-	1	3	3	SEMINAR COSTS	-	-	4,000	4,000
						FELLOWSHIPS	5,525	4,000	1,400	1,400
CONSULTANT MONTHS	WR	-	1	3	3					
TOTAL		1	1	1	1					
FELLOWSHIPS-ACADEMIC	WR	1	1	-	-					
FELLOWSHIPS-SHORT TERM	WR	-	-	1	1					

BRAZIL-3500, HEALTH STATISTICS

THE PURPOSE OF THIS PROJECT IS TO ASSIST IN IMPROVING VITAL AND HEALTH STATISTICS AND THEIR USE IN PROGRAM PLANNING AND EVALUATION, AND IN TRAINING STATISTICAL PERSONNEL.

SEVERAL STATES HAVE PLACED HIGH PRIORITY, WITHIN THE HEALTH PLANS, ON THE ESTABLISHMENT OF STATISTICAL SYSTEMS. A UNIFORM SYSTEM HAS BEEN ESTABLISHED FOR THE NORTHEASTERN STATES. A REGIONAL HEALTH STATISTICS CENTER, ESTABLISHED IN RECIFE IN 1968, ANALYZED THE SITUATION IN HEALTH STATISTICS, PLANNED A SYSTEM, DESIGNED AND TESTED FORMS, AND TRAINED PERSONNEL. IN 1969 THE INSTALLATION OF A UNIFORM STATISTICAL SYSTEM WAS BEGUN AND THE PUBLICATION OF STATISTICAL BULLETINS INITIATED. BASED ON THE EXPERIENCE IN THE NORTHEAST, A HEALTH STATISTICS PLAN WAS DEVELOPED FOR THE SOUTHERN STATES AND WAS PUT INTO EFFECT IN 1969 IN RIO GRANDE DO SUL.

SEMINARS ARE PLANNED EACH YEAR TO ASSIST SCHOOLS OF MEDICINE IN INCLUDING COURSES IN MEDICAL STATISTICS IN THEIR CURRICULA. PROGRAMS ARE BEING ORGANIZED FOR TRAINING STATISTICIANS AND STATISTICAL AUXILIARIES AND FOR GIVING TRAINING IN STATISTICS TO HEALTH PLANNERS AND MEDICAL STUDENTS.

TOTAL		1	1	1	1	TOTAL	WR	40,619	37,373	37,029	40,625
P-4 STATISTICIAN 4,0369	WR	1	1	1	1	PERSONNEL-POSTS		23,797	25,273	26,329	28,025
						PERSONNEL-CONSULTANTS		-	1,800	1,800	1,800
						DUTY TRAVEL		4,323	4,000	4,000	4,000
TOTAL		-	1	1	1	SEMINAR COSTS		3,500	3,500	3,500	-
						FELLOWSHIPS		6,399	2,800	1,400	6,800
CONSULTANT MONTHS	WR	-	1	1	1	GRANTS		2,600	-	-	-
TOTAL		2	2	1	3						
FELLOWSHIPS-ACADEMIC	WR	1	-	-	1						
FELLOWSHIPS-SHORT TERM	WR	1	2	1	2						

BRAZIL-3700, HEALTH PLANNING

THE PURPOSE OF THIS PROJECT IS TO COOPERATE IN THE IMPROVEMENT OF THE HEALTH PLANNING SYSTEM ON A NATIONAL AND REGIONAL BASIS AND TO INTEGRATE HEALTH PLANS IN THE NATIONAL AND REGIONAL PLANS FOR ECONOMIC AND SOCIAL DEVELOPMENT. IT IS ENVISAGED TO CARRY OUT THESE MEASURES FIRST ON A NATIONAL SCALE AND PROGRESSIVELY IN THE VARIOUS STATES AND TERRITORIES, THROUGH STUDIES OF THE HEALTH SITUATION AND RESOURCES AVAILABLE, TO SERVE AS THE BASIS FOR THE FORMULATION OF HEALTH POLICIES. IN ADDITION, COURSES WILL BE PROVIDED FOR TRAINING PROFESSIONAL AND SUB-PROFESSIONAL PERSONNEL.

THE PHASE OF FORMULATING STATE HEALTH PLANS FOR THE MACROREGION OF THE NORTHEAST WAS BEGUN IN THE STATE OF PARAIBA. IN THE MACROREGION OF THE SOUTH, THE PHASE OF CREATING AND STRENGTHENING THE PRECONDITIONS FOR THE ESTABLISHMENT OF THE HEALTH PLANNING PROCESS WAS STARTED. PLANNING UNITS WERE ORGANIZED WITH THE STATE HEALTH MINISTRIES OF THE RIO GRANDE DO SUL AND PARANA. THREE ANNUAL COURSES OFFERING SPECIALIZATION IN THE HEALTH SECTOR PLAN WERE MADE A PERMANENT PART OF THE CURRICULUM OF THE SÃO PAULO UNIVERSITY, THE NATIONAL SCHOOL OF PUBLIC HEALTH, AND THE REGIONAL CENTER FOR RESEARCH AND TRAINING IN PUBLIC HEALTH IN RECIFE.

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BRAZIL-3700, HEALTH PLANNING . . . CONTINUED

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
								\$	\$	\$	\$
TOTAL		2	2	2	3	TOTAL	PR	20,110	26,228	36,147	56,202
P-5 PLANNING OFFICER .2023	PR	1	1	1	1	PERSONNEL-POSTS		19,274	22,828	29,347	49,402
P-3 ADMIN. METHODS OFFICER .3603	PR	-	-	-	1	DUTY TRAVEL		836	2,000	4,000	4,000
G-5 SECRETARY .2136	PR	1	1	1	1	FELLOWSHIPS		-	1,400	2,800	2,800
TOTAL		-	1	2	2						
FELLOWSHIPS-ACADEMIC	PR	-	-	-	-						
FELLOWSHIPS-SHORT TERM	PR	-	1	2	2						

BRAZIL-3701, PLANNING FOR HEALTH SERVICES IN THE NORTHEAST

THE PURPOSE OF THIS PROJECT IS TO COOPERATE WITH THE GOVERNMENT, PARTICULARLY THE SUPERINTENDENCY FOR THE DEVELOPMENT OF THE NORTHEAST (SUDENE), IN THE EXECUTION OF ITS HEALTH AND BASIC SANITATION PLANS WITHIN THE GLOBAL SOCIOECONOMIC DEVELOPMENT PROGRAM FOR THE NORTHEAST. EMPHASIS IS TO BE PLACED ON REORGANIZATION OF THE TECHNICAL AND ADMINISTRATIVE STRUCTURE OF THE STATE HEALTH SECRETARIATS IN THE NINE NORTHEASTERN STATES; COORDINATION OF THE INSTITUTIONS IN THE HEALTH SECTOR; IMPLEMENTATION OF THE REGIONALIZATION SYSTEM; INTEGRATION OF ACTIVITIES, INCLUDING NUTRITION; PROMOTION OF PLANNING PROCEDURES AND UNIFORM COLLECTION OF STATISTICS; AND TRAINING OF PERSONNEL.

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
TOTAL		1	1	1	-	TOTAL	WT	4,692	24,000	6,000	-
P-4 PLANNING OFFICER 4.3450	WT	1	1	1	-	PERSONNEL-POSTS		4,692	22,500	5,500	-
						DUTY TRAVEL		-	1,500	500	-

BRAZIL-4100, TRAINING CENTER IN NURSING MIDWIFERY

THIS PROJECT IS DESIGNED TO ASSIST IN THE DEVELOPMENT OF AN INTERNATIONAL TRAINING CENTER IN NURSING MIDWIFERY TO FUNCTION UNDER THE ADMINISTRATION OF THE ANA NERI SCHOOL OF NURSING OF THE FEDERAL UNIVERSITY OF RIO DE JANEIRO. ONE-YEAR COURSES WILL BE OFFERED, IN ACCORDANCE WITH THE NEEDS IN LATIN AMERICA, IN WHICH GRADUATE NURSES ARE TO STUDY MIDWIFERY AND GRADUATE MIDWIVES, NURSING, INCLUDING PUBLIC HEALTH. THIS WILL ENABLE BOTH GROUPS TO FUNCTION MORE EFFECTIVELY IN THE MATERNAL AND CHILD HEALTH AREA.

THE CENTER WILL ALSO BE INVOLVED IN THE PROVISION OF REFRESHER COURSES AND SEMINARS RELATED TO MATERNAL AND CHILD CARE AND IN TEACHING AND ADMINISTRATION IN THESE AREAS FOR PERSONNEL IN THE SERVICES WHO ARE UNABLE TO ATTEND THE FORMAL COURSES.

FOUR COURSES AND TWO SEMINARS HAVE BEEN GIVEN TO 177 NURSES AND MIDWIVES. ONE HUNDRED AND TEN PERSONS ARE EXPECTED TO PARTICIPATE EACH YEAR IN THIS TRAINING.

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
TOTAL		2	2	2	2	TOTAL		47,091	52,702	57,287	58,761
P-3 NURSE MIDWIFE .2180	PR	1	1	1	1	SUBTOTAL	PR	15,469	16,524	17,290	18,056
P-3 NURSE MIDWIFE 4.0376	WR	1	1	1	1	PERSONNEL-POSTS		14,994	15,524	16,290	17,056
TOTAL		6	5	5	6	DUTY TRAVEL		475	1,000	1,000	1,000
CONSULTANT MONTHS	WR	6	5	5	6	SUBTOTAL	WR	31,622	36,178	39,997	40,705
TOTAL		-	2	2	1	PERSONNEL-POSTS		16,672	18,878	20,097	20,605
FELLOWSHIPS-ACADEMIC	WR	-	-	1	1	PERSONNEL-CONSULTANTS		8,990	9,000	9,000	10,800
FELLOWSHIPS-SHORT TERM	WR	-	2	1	-	DUTY TRAVEL		1,591	1,000	1,000	1,000
						COURSE COSTS		4,000	4,000	4,000	4,000
						SUPPLIES AND EQUIPMENT		-	369	500	300
						FELLOWSHIPS		-	2,800	5,400	4,000
						EST. GOVERNMENT CONTRIB.			15,000	15,000	15,000

BRAZIL-4200, NUTRITION

STUDIES HAVE SHOWN THAT LARGE SEGMENTS OF BRAZIL'S 90 MILLION POPULATION SUFFER FROM ACUTE CHRONIC MALNUTRITION FOR A VARIETY OF REASONS. FOOD CONSUMPTION STUDIES SHOW THAT THERE ARE AREAS WHERE THE AVERAGE INTAKE IS BETWEEN 1,600 AND 1,900 CALORIES AND 35 TO 40 GRAMS OF PROTEIN DAILY. ALTHOUGH ACCURATE STATISTICS ARE NOT AVAILABLE, RESTRICTED STUDIES SHOW THAT INFANT MORTALITY RANGES BETWEEN 100 AND 400 PER 1,000 BIRTHS IN SEVERAL PARTS OF THE COUNTRY; EVEN IN THE RELATIVELY ADVANCED SOUTHERN REGION, THIS FIGURE REACHES AN AVERAGE OF 77 PER 1,000 BIRTHS. ALTHOUGH THE MOST COMMON CAUSES OF DEATH ARE STATED TO BE INFECTIONS, DEFICIENCY DISEASES ARE FREQUENTLY ENCOUNTERED, INCLUDING PROTEIN-CALORIE MALNUTRITION, VITAMIN A DEFICIENCY, ANEMIAS, AND ENDEMIC GOITER.

THE PURPOSE OF THIS PROJECT IS TO COLLABORATE WITH THE GOVERNMENT, PARTICULARLY THE MINISTRY OF HEALTH, IN ITS OVERALL EFFORTS TO IMPROVE NUTRITION ACTIVITIES THROUGH HEALTH SERVICES, TO DISSEMINATE NUTRITION KNOWLEDGE TO THE COMMUNITY, TO HELP ESTABLISH SOUND FOOD AND NUTRITION POLICIES AND PLANS, AND TO TRAIN MEDICAL AND PARAMEDICAL PERSONNEL IN THE FIELD OF NUTRITION.

THE GOALS SET FORTH FOR 1971 AND 1972 ARE TWO SEMINARS FOR THE BENEFIT OF LOCAL LEVEL WORKERS; A TRAINING COURSE IN NUTRITION, BASIC SANITATION, AND HEALTH FOR 30 SUPERVISORY WORKERS; STRENGTHENING CURRICULUM IN THE SCHOOLS OF NUTRITIONISTS; PROMOTING THE DEVELOPMENT OF NUTRITION SERVICES AT THE STATE LEVEL; PROMOTING SALT IODIZATION AT SALT MANUFACTURING CENTERS; RANDOM-SAMPLE ANALYSIS OF SALT MARKETED; IMPROVEMENT IN FOOD AND NUTRITION SERVICES IN THREE UNIVERSITY HOSPITALS EACH YEAR; AND ORGANIZATION OF A TECHNICAL GROUP FOR THE FORMULATION OF A PROPOSAL FOR EFFECTIVE FOOD AND NUTRITION PLANNING AND POLICY REVISIONS AT THE NATIONAL LEVEL.

UNICEF, FAO, AND WFP COOPERATE IN THIS PROJECT.

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## BRAZIL-4203, INSTITUTE OF NUTRITION (RECIFE) . . . CONTINUED

FUND 1969 1970 1971 1972					FUND 1969 1970 1971 1972						
TOTAL		2	2	2	2	TOTAL		34,656	46,097	51,098	52,580
P-4 BIOCHEMIST .3389	PR	1	1	1	1	SUBTOTAL	PR	33,527	46,087	51,098	52,580
P-4 MEDICAL OFFICER - NUTRITION .0962	PR	1	1	1	1	PERSONNEL-POSTS		21,655	36,187	42,198	44,680
TOTAL		1	2	2	2	DUTY TRAVEL		2,469	2,500	2,500	2,500
FELLOWSHIPS-ACADEMIC	PR	1	1	1	1	SUPPLIES AND EQUIPMENT		824	-	-	-
FELLOWSHIPS-SHORT TERM	PR	-	1	1	1	FELLOWSHIPS		5,579	5,400	5,400	5,400
						GRANTS		3,000	2,000	1,000	-
						SUBTOTAL	PG	1,129	-	-	-
						CONTRACTUAL SERVICES		1,129	-	-	-

## BRAZIL-4300, MENTAL HEALTH

THE OBJECTIVE OF THIS PROJECT IS TO ASSIST THE GOVERNMENT IN AN EVALUATION OF PRESENT PROBLEMS, SERVICES, AND RESOURCES IN MENTAL HEALTH, AND IN PLANNING A LONG-TERM NATIONAL PROGRAM IN MENTAL HEALTH IN WHICH MEDICAL CARE, REHABILITATION, TRAINING, RESEARCH, AND PREVENTION WILL BE WITHIN THE GENERAL OBJECTIVE, WITH STRESS BEING PLACED UPON REORGANIZING EXISTING SERVICES IN SUCH A WAY THAT GREATER ATTENTION IS GIVEN TO THE PREVENTIVE ASPECTS.

TOTAL		-	-	-	1	TOTAL	PR	-	5,000	2,800	19,514
P-4 MEDICAL OFFICER .3604	PR	-	-	-	1	PERSONNEL-POSTS		-	-	-	15,714
TOTAL		-	2	-	-	PERSONNEL-CONSULTANTS		-	3,600	-	-
CONSULTANT MONTHS	PR	-	2	-	-	DUTY TRAVEL		-	-	-	1,000
TOTAL		-	1	2	2	FELLOWSHIPS		-	1,400	2,800	2,800
FELLOWSHIPS-SHORT TERM	PR	-	1	2	2						

## BRAZIL-4500, RADIATION PROTECTION

THE PURPOSE OF THIS PROJECT IS TO ASSIST THE PHYSICS DEPARTMENT OF THE CATHOLIC UNIVERSITY AND THE BIOPHYSICS DEPARTMENT OF THE UNIVERSITY OF BRAZIL, BOTH IN RIO DE JANEIRO, TO CARRY OUT STUDIES OF THE POSSIBLE BIOLOGICAL EFFECTS ON HUMAN POPULATION OF INCREASED BACKGROUND RADIATION, AS FOUND IN SOME AREAS OF THE COUNTRY.

TOTAL		-	1	1	1	TOTAL	WR	-	1,800	1,800	1,800
CONSULTANT MONTHS	WR	-	1	1	1	PERSONNEL-CONSULTANTS		-	1,800	1,800	1,800

## BRAZIL-4602, TOXICOLOGY OF PESTICIDES

THE PURPOSE OF THIS PROJECT IS TO ASSIST THE BIOLOGICAL INSTITUTE OF SÃO PAULO IN THE EXPANSION OF PESTICIDE WORK, IN ESTABLISHING LABORATORY TECHNIQUES FOR THE NECESSARY TOXICOLOGIC STUDIES, AND IN DEVELOPING THE PROCEDURES FOR THE SAFE USE OF PESTICIDES. THE UNDP AND FAO ARE COLLABORATING IN THIS PROJECT, FOR WHICH ONE CONSULTANT OF WHO/PAHO IS ASSISTING IN THE FIELD OF TOXICOLOGY OF PESTICIDES.

TOTAL		1	1	1	-	TOTAL	NO	25,271	30,620	11,000	-
P-4 TOXICOLOGIST 4.3356	NO	1	1	1	-	PERSONNEL-POSTS		11,888	22,500	10,500	-
						DUTY TRAVEL		3	1,500	500	-
						SUPPLIES AND EQUIPMENT		13,380	8,620	-	-

## BRAZIL-4800, MEDICAL CARE SERVICES

THE PURPOSE OF THIS PROJECT IS TO ASSIST THE GOVERNMENT IN PLANNING AND ORGANIZING MEDICAL CARE SERVICES AND TO INTEGRATE AS FAR AS POSSIBLE THE SERVICES OF THE GENERAL HEALTH PROGRAMS, SOCIAL SECURITY AGENCIES, AND SOCIAL WELFARE INSTITUTIONS.

COOPERATION WILL BE IN THE FIELDS OF PLANNING, ORGANIZATION OF SERVICES, AND TRAINING OF PERSONNEL, TO IMPROVE THE UTILIZATION OF HEALTH AND MEDICAL CARE RESOURCES AVAILABLE IN THE INSTITUTIONS ENGAGED IN HEALTH PROGRAMS FOR THE COMMUNITY.

REGIONAL SEMINARS ON COORDINATION OF MEDICAL CARE SERVICES WILL BE HELD ANNUALLY.

. . . CONTINUED



## BRAZIL-6101, SCHOOL OF PUBLIC HEALTH (SÃO PAULO) . . . CONTINUED

	FUND	1969	1970	1971	1972
		-----	-----	-----	-----
		\$	\$	\$	\$
TOTAL	WR	16,000	6,000	6,000	6,000
SUPPLIES AND EQUIPMENT		-	4,000	4,000	4,000
GRANTS		16,000	2,000	2,000	2,000
EST. GOVERNMENT CONTRIB.			(1,250,000)	(1,250,000)	(1,400,000)

## BRAZIL-6200, MEDICAL EDUCATION

THE NUMBER OF MEDICAL SCHOOLS IN BRAZIL HAS BEEN INCREASING RAPIDLY. CURRENTLY THERE ARE 72 MEDICAL SCHOOLS IN THE COUNTRY, AFTER THE ESTABLISHMENT OF 33 NEW SCHOOLS DURING THE PAST THREE YEARS. THE SCHOOLS HAVE JOINED AN ASSOCIATION TO APPROACH BETTER THE SOLUTIONS TO THEIR PROBLEMS. THE PURPOSE OF THIS PROJECT IS TO COOPERATE WITH THE ASSOCIATION AND THE VARIOUS SCHOOLS IN STRENGTHENING MEDICAL AND PARAMEDICAL EDUCATION. SPECIAL EMPHASIS WILL BE GIVEN TO THE TRAINING OF TEACHING PERSONNEL, ADMINISTRATION OF TEACHING INSTITUTIONS, AND TEACHING OF PREVENTIVE AND SOCIAL MEDICINE.

		1969	1970	1971	1972	TOTAL		1969	1970	1971	1972	
		-----	-----	-----	-----	-----		-----	-----	-----	-----	
TOTAL		2	2	2	2	8	TOTAL	50,050	52,098	46,830	54,079	
P-4 MEDICAL OFFICER	PR	1	1	1	1	4	SUBTOTAL	PR	33,672	27,698	28,930	30,179
.1064							PERSONNEL-POSTS		27,518	24,698	25,530	27,179
G-5 SECRETARY	PR	1	1	1	1	4	PERSONNEL-CONSULTANTS		2,952	-	-	-
.2119							DUTY TRAVEL		3,126	3,000	3,000	3,000
TOTAL		2	2	2	2	8	SUPPLIES AND EQUIPMENT		76	-	-	-
CONSULTANT MONTHS	PR	2	-	-	-	2	SUBTOTAL	WR	16,378	24,400	17,900	23,900
CONSULTANT MONTHS	WR	-	2	2	2	4	PERSONNEL-CONSULTANTS		-	3,600	3,600	3,600
TOTAL		8	4	4	4	16	SEMINAR COSTS		1,869	10,000	3,500	3,500
FELLOWSHIPS-ACADEMIC	WR	1	2	2	2	7	FELLOWSHIPS		14,509	10,800	10,800	10,800
FELLOWSHIPS-SHORT TERM	WR	7	2	2	2	11	GRANTS		-	-	-	6,000
EST. GOVERNMENT CONTRIB.									( 100,000)	( 100,000)	( 100,000)	

## BRAZIL-6202, PEDIATRIC EDUCATION (RECIFE)

THE PURPOSE OF THIS PROJECT IS TO ASSIST IN IMPROVING THE TEACHING OF PEDIATRICS AT THE FEDERAL UNIVERSITY OF PERNAMBUCO FOR UNDERGRADUATES AND FOR THE MEDICAL AND AUXILIARY PERSONNEL WHO WILL BE WORKING IN THE HEALTH SERVICES OF NORTHEAST BRAZIL. THE PROJECT WILL PROVIDE FOR COORDINATING THE PEDIATRIC SERVICES AT PRESENT RENDERED IN DIFFERENT SECTIONS OF THE HOSPITAL, ESTABLISHING FACILITIES FOR TRAINING IN PEDIATRICS OF DIFFERENT CATEGORIES OF HEALTH WORKERS, AND PROMOTING RESEARCH ON PROBLEMS RELATED TO THE SUBJECT.

DURING THE PERIOD 1963-1968, TRAINING HAS BEEN GIVEN TO 263 DOCTORS, 44 NUTRITIONISTS, AND 89 NURSES, AND NO LESS THAN 150 SHORT COURSES HAVE BEEN CONDUCTED.

UNICEF AND THE MACY FOUNDATION COOPERATE IN THIS PROJECT.

		1969	1970	1971	1972	TOTAL		1969	1970	1971	1972	
		-----	-----	-----	-----	-----		-----	-----	-----	-----	
TOTAL		2	2	2	-	6	TOTAL	PR	4,077	3,600	3,600	-
CONSULTANT MONTHS	PR	2	2	2	-	6	PERSONNEL-CONSULTANTS		4,077	3,600	3,600	-
EST. GOVERNMENT CONTRIB.									( 25,000)	( 25,000)		

## BRAZIL-6203, RESEARCH TRAINING

THE PURPOSE OF THIS PROJECT IS TO DEVELOP A REGIONAL TRAINING CENTER FOR TEACHERS AND RESEARCHERS IN THE FIELD OF MICROBIOLOGY, UTILIZING THE RESOURCES OF THE INSTITUTE OF MICROBIOLOGY AT THE UNIVERSITY OF BRAZIL IN RIO DE JANEIRO. DURING THE PERIOD 1965-1968, 158 BRAZILIANS AND 20 PROFESSIONALS FROM OTHER LATIN AMERICAN COUNTRIES HAVE RECEIVED TRAINING.

		1969	1970	1971	1972
		-----	-----	-----	-----
TOTAL	PR	3,000	2,000	2,000	2,000
GRANTS		3,000	2,000	2,000	2,000
EST. GOVERNMENT CONTRIB.			( 90,000)	( 90,000)	( 90,000)

BRAZIL-6204, TEACHING OF PREVENTIVE MEDICINE

IN 1966 THE FACULTY OF MEDICINE OF THE FEDERAL UNIVERSITY OF PERNAMBUCO CREATED THE DEPARTMENT OF PREVENTIVE MEDICINE AND PUBLIC HEALTH TO PROVIDE UNDERGRADUATE AND POSTGRADUATE TRAINING.

THE PURPOSE OF THIS PROJECT IS TO ASSIST IN THE ORGANIZATION OF THE TEACHING OF PREVENTIVE AND SOCIAL MEDICINE AND PUBLIC HEALTH IN THE MEDICAL SCHOOL; TO PROMOTE THE INTEGRATION OF THIS TEACHING WITH OTHER DEPARTMENTS OF THE MEDICAL SCHOOL; TO ESTABLISH PROGRAMS OF COMMUNITY AND FAMILY HEALTH CARE; AND TO DEVELOP INVESTIGATION INTO THE PROBLEMS OF THE COMMUNITY AND THE REQUIREMENTS FOR MEDICAL SERVICES.

FUND 1969 1970 1971 1972					FUND 1969 1970 1971 1972						
-----					-----						
					PR						
					\$						
TOTAL		1	1	1	1	TOTAL	PR	6,822	24,114	23,237	24,831
P-4 MEDICAL OFFICER .3390	PR	1	1	1	1	PERSONNEL-POSTS	-	-	15,714	20,837	22,491
						DUTY TRAVEL	-	-	1,000	1,000	1,000
						SUPPLIES AND EQUIPMENT	-	-	1,000	-	-
TOTAL		-	1	1	1	FELLOWSHIPS	-	-	1,400	1,400	1,400
						GRANTS	6,822	5,000	-	-	-
FELLOWSHIPS-SHORT TERM	PR	-	1	1	1	EST. GOVERNMENT CONTRIB.		( 40,000)	( 40,000)	( 40,000)	

BRAZIL-6221, LIBRARY OF MEDICINE

A REVIEW OF THE STATUS OF LIBRARY RESOURCES IN LATIN AMERICA CONDUCTED BY THE ORGANIZATION IN 1965 REVEALED SERIOUS DEFICIENCIES IN THE SUPPLY OF INFORMATION TO THE BIOMEDICAL COMMUNITY, AND AN URGENT DESIRE ON THE PART OF THE INSTITUTIONS CONCERNED TO RESOLVE THE PROBLEM. IN 1967, AS AN INITIAL STEP TOWARD MEETING THIS NEED, THE ORGANIZATION COOPERATED IN THE ESTABLISHMENT OF THE REGIONAL LIBRARY OF MEDICINE AT THE PAULISTA SCHOOL OF MEDICINE IN SÃO PAULO.

THE PURPOSE OF THIS PROJECT IS TO PROVIDE LIBRARY SUPPORT FOR BIOMEDICAL EDUCATION, RESEARCH, AND PRACTICE IN LATIN AMERICA, USING MODERN COMMUNICATIONS TECHNOLOGY, AND TO TRAIN BIOMEDICAL LIBRARIANS AT ADVANCED LEVELS. WHEN FULLY OPERATIVE, THE LIBRARY WILL ALSO PROVIDE COMPUTERIZED BIBLIOGRAPHIC SEARCHES UTILIZING MEDLARS TAPES, AND IT WILL FUNCTION AS A DEMONSTRATION AND TRAINING CENTER IN HIGH-LEVEL LIBRARY PRACTICES.

THE LIBRARY RECEIVES THE SUPPORT OF THE GOVERNMENT OF BRAZIL THROUGH THE MINISTRY OF EDUCATION AND CULTURE, THE MINISTRY OF HEALTH, AND THE PAULISTA SCHOOL OF MEDICINE, AS WELL AS THE SUPPORT OF THE UNITED STATES NATIONAL LIBRARY OF MEDICINE AND THE COMMONWEALTH FUND OF NEW YORK.

TOTAL					TOTAL						
-----					-----						
					PR						
					\$						
TOTAL		3	5	-	-	TOTAL	PR	189,403	223,494	-	-
P-5 DIRECTOR .3175	PG	1	1	-	-	SUBTOTAL	PR	62,738	46,227	-	-
P-4 CHIEF LIBRARIAN .3176	PG	1	1	-	-	PERSONNEL-POSTS	-	-	22,544	-	-
P-4 CHIEF OF REGIONAL SERVICES 4.3464	WR	-	1	-	-	PERSONNEL-CONSULTANTS	12,614	5,400	-	-	-
P-2 CHIEF OF REFERENCE SERVICES .3466	PR	-	1	-	-	DUTY TRAVEL	-	5,500	-	-	-
P-2 CHIEF OF TECHNICAL SERVICES .3465	PR	1	1	-	-	HOSPITALITY	-	100	-	-	-
						CONTRACTUAL SERVICES	-	8,000	-	-	-
TOTAL		4	3	-	-	SUPPLIES AND EQUIPMENT	26,322	4,683	-	-	-
						LOCAL COSTS	23,802	-	-	-	-
CONSULTANT MONTHS	PR	3	3	-	-	SUBTOTAL	PG	126,665	160,054	-	-
CONSULTANT MONTHS	PG	1	-	-	-	PERSONNEL-POSTS	42,336	34,000	-	-	-
						PERSONNEL-CONSULTANTS	70	-	-	-	-
						DUTY TRAVEL	5,589	-	-	-	-
						HOSPITALITY	151	-	-	-	-
						CONTRACTUAL SERVICES	11,577	12,000	-	-	-
						PUBLICATIONS	54,962	58,054	-	-	-
						SUPPLIES AND EQUIPMENT	6,122	-	-	-	-
						LOCAL COSTS	5,858	56,000	-	-	-
						SUBTOTAL	WR	-	17,213	-	-
						PERSONNEL-POSTS	-	-	15,713	-	-
						DUTY TRAVEL	-	-	1,500	-	-

BRAZIL-6224, MEDICAL EDUCATION (BRASILIA)

THE PURPOSE OF THIS PROJECT IS TO COLLABORATE WITH THE UNIVERSITY OF BRASILIA IN THE STRENGTHENING AND DEVELOPMENT OF THE MEDICAL EDUCATION PROGRAMS BEGUN IN 1966, PARTICULARLY IN BASIC SCIENCES, BEHAVIORAL SCIENCES, SOCIAL PEDIATRICS, MEDICAL PEDAGOGY, HOSPITAL ADMINISTRATION, AND SOCIAL MEDICINE, AS WELL AS IN THE PLANNING AND EVALUATION OF THE COURSES IN DENTISTRY AND NURSING.

TOTAL					TOTAL						
-----					-----						
					PR						
					\$						
TOTAL		-	-	4	4	TOTAL	PR	-	-	11,000	15,000
CONSULTANT MONTHS	PR	-	-	4	4	PERSONNEL-CONSULTANTS	-	-	7,200	7,200	
TOTAL		-	-	2	3	SUPPLIES AND EQUIPMENT	-	-	1,000	1,000	
						FELLOWSHIPS	-	-	2,800	6,800	
FELLOWSHIPS-ACADEMIC	PR	-	-	-	1						
FELLOWSHIPS-SHORT TERM	PR	-	-	2	2						



BRAZIL-6302, TRAINING OF NURSING AUXILIARIES

THE PURPOSE OF THIS PROJECT IS TO ASSIST IN THE TRAINING OF NURSING AUXILIARIES AND IN INCREASING THE NUMBER OF AUXILIARIES IN ORDER TO MEET THE HEALTH SERVICE NEEDS; AND TO PREPARE GRADUATE NURSES AS TEACHERS AND SUPERVISORS FOR THE 76 TRAINING PROGRAMS OPERATING WITHIN SCHOOLS OF NURSING. ASSISTANCE IS ALSO GIVEN IN ORGANIZING IN-SERVICE TRAINING FOR GRADUATE AND AUXILIARY NURSING PERSONNEL.

UNICEF COOPERATES IN THIS PROJECT.

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
								\$	\$	\$	\$
TOTAL		1	1	1	1	TOTAL	PR	18,532	22,324	23,090	23,856
P-3 NURSE .0377	PR	1	1	1	1	PERSONNEL-POSTS		15,163	15,524	16,290	17,056
						DUTY TRAVEL		2,780	1,000	1,000	1,000
						COURSE COSTS		-	3,000	3,000	3,000
TOTAL		-	2	2	2	SUPPLIES AND EQUIPMENT		589	-	-	-
						FELLOWSHIPS		-	2,800	2,800	2,800
FELLOWSHIPS-SHORT TERM	PR	-	2	2	2	EST. GOVERNMENT CONTRIB.			( 384,000)	( 390,000)	( 340,000)

BRAZIL-6400, INSTITUTE OF SANITARY ENGINEERING

THE PURPOSE OF THIS PROJECT IS TO DEVELOP THE INSTITUTE OF SANITARY ENGINEERING UNDER THE SPONSORSHIP OF THE SUPERINTENDENCY OF URBAN DEVELOPMENT AND SANITATION OF THE STATE OF GUANABARA (SURSAN) IN COOPERATION WITH THE UNIVERSITY OF GUANABARA STATE. THE FUNCTION OF THIS INSTITUTE IS TO CARRY OUT APPLIED RESEARCH, TO PROVIDE TECHNICAL SERVICES CONSULTATION, AND TO CONDUCT FIELD AND LABORATORY WORK FOR GUANABARA STATE AGENCIES AS WELL AS OTHER STATE, FEDERAL, AND PRIVATE AGENCIES IN OR OUT OF BRAZIL INVOLVED IN SANITARY ENGINEERING ACTIVITIES. FURTHER, THE INSTITUTE IS TO OFFER TECHNICAL TRAINING COURSES FOR PROFESSIONAL AND AUXILIARY PERSONNEL, IN-SERVICE TRAINING OPPORTUNITIES FOR PROFESSIONAL PERSONNEL, AND ACADEMIC COURSES FOR UNDERGRADUATE ENGINEERING STUDENTS OF THE UNIVERSITY OF GUANABARA. IT IS RESPONSIBLE FOR DEVELOPING A GRADUATE PROGRAM IN SANITARY ENGINEERING AT THE UNIVERSITY OF GUANABARA.

THE UNITED NATIONS SPECIAL FUND HAS ALLOCATED \$470,300 FOR THIS PROJECT, WHICH BEGAN IN JULY 1965.

		1	1	1	-		WS	50,394	53,848	37,570	-
TOTAL		1	1	1	-	TOTAL					
P-5 CHIEF TECHNICAL ADVISER 4.1073	WS	1	1	1	-	PERSONNEL-POSTS		42,526	26,400	25,098	-
						PERSONNEL-CONSULTANTS		3,593	8,000	-	-
						DUTY TRAVEL		300	1,500	1,500	-
TOTAL		1	4	-	-	SUPPLIES AND EQUIPMENT		3,975	11,848	5,000	-
						FELLOWSHIPS		-	5,000	4,958	-
CONSULTANT MONTHS	WS	1	4	-	-	MISCELLANEDUS		-	1,000	1,014	-
						EST. GOVERNMENT CONTRIB.			( 700,000)	( 850,000)	
TOTAL		-	1	1	-						
FELLOWSHIPS-ACADEMIC	WS	-	1	1	-						

BRAZIL-6401, SANITARY ENGINEERING EDUCATION

THE PURPOSE OF THIS PROJECT IS TO COLLABORATE WITH UNIVERSITIES IN BRAZIL IN THE ESTABLISHMENT OF ADEQUATE TEACHING AND TRAINING FACILITIES IN SANITARY ENGINEERING SUBJECTS AT UNDERGRADUATE, POSTGRADUATE, AND CONTINUING EDUCATION LEVELS. IT IS INTENDED TO ORGANIZE FROM EIGHT TO TWELVE SHORT COURSES A YEAR TO TRAIN ABOUT 200 PROFESSIONALS PER YEAR. A MINIMUM OF 30 ENGINEERS SHOULD RECEIVE ACADEMIC POSTGRADUATE TRAINING PER YEAR.

		3	-	-	-		PR	23,097	24,000	24,000	24,000
TOTAL		3	-	-	-	TOTAL					
CONSULTANT MONTHS	PR	3	-	-	-	PERSONNEL-CONSULTANTS		8,481	-	-	-
						DUTY TRAVEL		760	-	-	-
						GRANTS		13,856	24,000	24,000	24,000

BRAZIL-6500, VETERINARY MEDICINE EDUCATION

DURING RECENT YEARS, TEACHING OF THE PRINCIPLES AND PRACTICES OF PREVENTIVE MEDICINE AND PUBLIC HEALTH HAS BEEN INTRODUCED INTO THE CURRICULA OF THE MAJORITY OF THE SCHOOLS OF VETERINARY MEDICINE. THE PURPOSE OF THIS PROJECT IS TO COOPERATE IN THE STRENGTHENING AND PROMOTION OF THESE TEACHING PROGRAMS IN ALL THIRTEEN SCHOOLS OF VETERINARY MEDICINE IN BRAZIL BY PROMOTING A UNIFIED TEACHING PROGRAM OF THE SUBJECTS.

		2	3	3	3		PR	15,770	10,800	12,200	12,200
TOTAL		2	3	3	3	TOTAL					
CONSULTANT MONTHS	PR	2	3	3	3	PERSONNEL-CONSULTANTS		4,070	5,400	5,400	5,400
						COURSE COSTS		4,000	4,000	4,000	4,000
TOTAL		1	1	2	2	FELLOWSHIPS		7,700	1,400	2,800	2,800
						EST. GOVERNMENT CONTRIB.			( 18,000)	( 18,000)	( 18,000)
FELLOWSHIPS-ACADEMIC	PR	1	-	-	-						
FELLOWSHIPS-SHORT TERM	PR	-	1	2	2						

BRAZIL-6500, DENTAL EDUCATION

THE PURPOSE OF THIS PROJECT IS TO COOPERATE WITH THE GOVERNMENT AND THE UNIVERSITY OF RIO GRANDE DO SUL IN ANALYZING THE PRESENT SOCIOECONOMIC SITUATION OF DENTISTRY IN A MANNER THAT WILL PERMIT EDUCATION PROGRAMS TO BE ADAPTED TO THE REQUIREMENTS OF THE REGION; IN STRENGTHENING AND IMPROVING THE TEACHING OF PREVENTIVE AND SOCIAL DENTISTRY; AND IN THE PLANNING OF EDUCATION PROGRAMS AND DENTAL SERVICES FOR THE COUNTRY.

THE W. K. KELLOGG FOUNDATION COOPERATES IN THIS PROJECT.

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
								\$	\$	\$	\$
TOTAL		-	-	1	1	TOTAL	PR	5,560	5,600	16,714	21,837
P-4 DENTAL OFFICER .3606	PR	-	-	1	1	PERSONNEL-POSTS		-	-	15,714	20,837
TOTAL		1	2	-	-	PERSONNEL-CONSULTANTS		2,557	3,600	-	-
CONSULTANT MONTHS	PR	1	2	-	-	DUTY TRAVEL		-	-	1,000	1,000
TOTAL		1	-	-	-	SUPPLIES AND EQUIPMENT		601	2,000	-	-
FELLOWSHIPS-SHORT TERM	PR	1	-	-	-	FELLOWSHIPS		2,402	-	-	-

BRAZIL-6700, BIostatistics EDUCATION AND POPULATION DYNAMICS

THE PURPOSE OF THIS PROJECT IS TO COOPERATE IN RESEARCH AND TEACHING ON THE INTERRELATIONSHIPS BETWEEN HEALTH AND THE STRUCTURE AND MOVEMENT OF POPULATIONS AND THEIR BEARING ON ECONOMIC AND SOCIAL PROCESSES IN BRAZIL. A CENTER FOR THE STUDY OF POPULATION DYNAMICS HAS BEEN CREATED AT THE UNIVERSITY OF SÃO PAULO, COMPOSED OF A MULTIDISCIPLINARY GROUP OF PROFESSIONALS COMMITTED TO THE PREPARATION OF SPECIALISTS IN POPULATION DYNAMICS AND HEALTH AND TRAINING OF OTHER PROFESSIONALS IN THIS FIELD; PROMOTION, DEVELOPMENT, AND COORDINATION OF RESEARCH IN THIS AREA; AND COLLABORATION AND COOPERATION WITH OTHER UNIVERSITY DEPARTMENTS AND OFFICIAL AGENCIES INTERESTED IN THIS FIELD OF ENDEAVOR. SINCE 1967, A THREE-MONTH COURSE HAS BEEN GIVEN YEARLY BY THE CENTER. A FULL-YEAR COURSE IS BEING DEVELOPED WHICH WILL BEGIN IN 1971.

		1969	1970	1971	1972		1969	1970	1971	1972	
TOTAL		-	-	1	1	TOTAL		42,968	48,892	21,800	1,800
CONSULTANT MONTHS	WR	-	-	1	1	SUBTOTAL	PR	240	-	-	-
						SUPPLIES AND EQUIPMENT		240	-	-	-
						SUBTOTAL	PG	-	8,892	-	-
						SUPPLIES AND EQUIPMENT		-	8,892	-	-
						SUBTOTAL	WR	42,728	40,000	21,800	1,800
						PERSONNEL-CONSULTANTS		-	-	1,800	1,800
						SUPPLIES AND EQUIPMENT		5,128	-	-	-
						GRANTS		37,600	40,000	20,000	-

BRAZIL-6702, MEDICAL RECORDS

THE PURPOSE OF THIS PROJECT IS TO COOPERATE IN DEVELOPING AND STRENGTHENING MEDICAL RECORDS SYSTEMS AND IN TRAINING MEDICAL RECORDS PERSONNEL FOR HOSPITALS IN THE COUNTRY.

		1969	1970	1971	1972		1969	1970	1971	1972	
TOTAL		-	-	1	1	TOTAL	PR	-	-	17,388	25,663
P-3 MEDICAL RECORDS LIBRARIAN .3607	PR	-	-	1	1	PERSONNEL-POSTS		-	-	13,588	17,863
TOTAL		-	-	2	3	DUTY TRAVEL		-	-	1,000	1,000
FELLOWSHIPS-ACADEMIC	PR	-	-	-	1	FELLOWSHIPS		-	-	2,800	6,800
FELLOWSHIPS-SHORT TERM	PR	-	-	2	2						

BRAZIL  
PORTIONS OF INTERCOUNTRY PROJECTS

	1969	1970	1971	1972
	\$	\$	\$	\$
<b>TOTAL AMRO PROJECTS</b>	<b>557,133</b>	<b>589,932</b>	<b>638,976</b>	<b>711,990</b>
0111 EPIDEMIOLOGICAL SURVEILLANCE PROGRAM	-	-	-	1,752
0200 MALARIA TECHNICAL ADVISORY SERVICES	38,878	33,794	35,850	38,660
0217 FIELD INVESTIGATION OF MASS DRUG TREATMENT	1,049	-	-	-
0218 PROMOTION OF RURAL HLTH SERV AND ERADICATION CAMPAIGNS	1,273	976	1,105	2,234
0219 DATA PROCESSING & OPERATIONS RESEARCH IN MALARIA ERADICATION	-	4,343	8,286	13,460
0300 SMALLPOX ERADICATION	50,312	59,335	71,844	93,660
0307 SEMINARS ON SMALLPOX ERADICATION	-	3,291	3,291	3,291
0400 TUBERCULOSIS CONTROL	359	1,291	2,711	4,358
0408 SEMINAR ON TUBERCULOSIS CONTROL	-	-	4,030	-
0409 COURSES ON TUBERCULOSIS - EPIDEMIOLOGY	623	1,699	2,133	2,133
0410 COURSES ON TUBERCULOSIS - BACTERIOLOGY	430	1,451	1,675	1,675
0500 LEPROSY CONTROL	817	1,175	1,319	1,513
0507 COURSES ON REHAB AND PREVENTION OF DEFORMITIES (LEPROSY)	-	-	-	6,903
0600 VENEREAL DISEASE CONTROL	125	510	180	540
0700 PAN AMERICAN ZOOSES CENTER - RAMOS MEJIA	38,745	42,567	42,418	46,870
0708 RABIES CONTROL	-	-	-	675
0713 SEMINAR ON ANIMAL TUBERCULOSIS	-	2,079	-	-
0714 SYMPOSIUM ON THE HLTH ASPECTS OF THE INTERNAL MOVMT OF ANIMALS	-	-	-	1,006
0716 SEMINAR ON RABIES VACCINE PRODUCTION AND CONTROL	3,042	-	-	-
0718 SEMINAR ON EPIDEMIOLOGY OF THE ZOOSES	-	-	-	2,131
0900 PLAGUE CONTROL	1,277	1,080	1,080	2,631
1000 PARASITIC DISEASES	16,684	17,552	16,420	18,089
1007 SCHISTOSOMIASIS	2,572	5,220	7,320	9,940
1008 CHAGAS' DISEASE	5,013	4,820	5,670	9,360
1010 STUDY GROUP ON CHAGAS' DISEASE	2,524	-	-	-
1011 RESEARCH IN CHAGAS' DISEASE	4,175	-	-	-
2100 ENVIRONMENTAL SANITATION	138	352	352	602
2112 AIR POLLUTION CONFERENCE	244	-	-	-
2114 PAN AMERICAN SANITARY ENGINEERING CENTER	4,786	8,258	10,457	11,175
2116 CONFERENCE ON INTEGRATION OF ENVIRONMENTAL PROGRAMS	-	-	-	1,092
2117 CONFERENCE ON ENVIRONMENTAL RESEARCH	-	-	3,842	-
2200 WATER SUPPLIES	15,212	6,993	10,967	11,644
2213 STUDIES AND INVESTIGATIONS OF WATER RESOURCES	3,889	1,144	1,352	1,352
2214 SEMINAR ON WATER POLLUTION CONTROL	-	2,511	-	-
2215 APPLIED RESEARCH ON WATER SUPPLIES	579	-	250	500
2219 WATER METERS	4,540	7,461	-	-
2220 PUBLIC SERVICES ADMINISTRATION	-	7,926	8,476	9,075
2222 SEMINAR ON LOANS & PROJECT DEVELOPMENT	-	-	-	2,914
2223 SEMINARS ON PUBLIC SERVICES ADMINISTRATION	-	-	-	458
2224 CONFERENCE ON RECENT ADVANCES IN WATER TREATMENT	-	-	-	5,147
3110 COORDINATION OF INTERNATIONAL RESEARCH	2,028	1,254	1,372	1,982
3122 DEVELOPMENT OF RIO PLATA BASIN	8,527	9,662	10,791	15,132
3124 APPLICATION OF DATA PROCESSING TO HEALTH ADMINISTRATION	394	-	-	-
3125 RESEARCH TRAINING IN BIOMEDICAL SCIENCES	-	1,664	1,664	832
3130 CONFERENCE ON MYCOLOGY	-	1,131	-	-
3200 NURSING SERVICES	251	866	921	1,209
3210 HOSPITAL NURSING SERVICES	26	957	1,172	1,239
3211 SEMINAR ON PLANNING FOR NURSING	-	-	7,500	-
3300 LABORATORY SERVICES	415	483	502	502
3310 CONFERENCE ON VIRAL AND RICKETTSIAL VACCINES	-	1,406	-	-
3311 TRAINING LABORATORY PERSONNEL	-	775	605	667
3315 IMMUNOLOGY RESEARCH AND TRAINING CENTER	3,962	3,600	11,600	11,600
3400 HEALTH EDUCATION	59	248	372	372
3407 COMMUNITY DEVELOPMENT TRAINING CENTER	1,230	1,122	1,216	1,190
3408 CONFERENCE ON POSTGRADUATE TRAINING IN HEALTH EDUCATION	5,010	-	-	-
3409 STUDY GROUP ON HEALTH EDUCATION AND PLANNING	1,060	-	-	-
3410 TRAINING OF TEACHERS IN HEALTH EDUCATION	-	2,172	1,544	1,544
3500 HEALTH STATISTICS	14	-	353	309
3513 INTER-AMER. INVES. OF MORTALITY, IN CHILDHOOD	87,151	70,285	78,945	7,454
3515 CENTER FOR TRAINING IN USE OF COMPUTERS IN HEALTH STATISTICS	-	-	360	360
3516 REGIONAL SEMINAR ON DATA PROCESSING	-	619	-	-
3600 ADMINISTRATIVE METHODS AND PRACTICES IN PUBLIC HEALTH	1,596	1,535	1,569	2,210
3607 MANAGEMENT OF HEALTH SERVICES	-	-	5,093	5,093
3700 HEALTH PLANNING	2,098	4,198	3,907	4,080
3715 PAN AMERICAN PROGRAM FOR HEALTH PLANNING	16,741	50,643	40,305	37,965
4100 MATERNAL AND CHILD HEALTH	64	400	437	1,448
4108 CLINICAL AND SOCIAL PEDIATRICS	761	1,311	1,311	1,311
4109 NURSING MIDWIFERY	10,471	19,000	21,782	22,872
4115 NURSING-MIDWIFERY EDUCATION	613	-	-	-
4116 FACULTY TRAINING IN MATERNAL AND CHILD HEALTH	-	-	2,222	-

## BRAZIL - PORTIONS OF INTERCOUNTRY PROJECTS . . . CONTINUED

4117	STAFFING MATERNAL AND CHILD HEALTH SERVICES	-	281	281	-
4118	STUDY GROUP ON GUIDE FOR NURSING-MIDWIFERY SERVICES	-	-	-	1,243
4119	MATERNAL AND CHILD HEALTH FELLOWSHIPS	-	1,625	696	870
4122	DEVELOPMENT OF RHEUMATIC FEVER PROGRAMS	-	-	-	576
4200	NUTRITION ADVISORY SERVICES	259	389	591	603
4203	INSTITUTE OF NUTRITION OF CENTRAL AMERICA AND PANAMA	8,744	7,158	7,019	7,401
4211	RESEARCH IN PROTEIN-CALORIE MALNUTRITION	-	-	264	264
4221	SEMINAR ON NUTRITION IN FOOD AND HEALTH POLICIES	145	-	201	201
4223	NUTRITION EDUCATION MATERIAL	1,562	-	-	-
4225	GRADUATE COURSE IN PUBLIC HEALTH NUTRITION	1,925	2,854	3,148	3,122
4228	CONFERENCE ON ENDEMIC GOITER CONTROL	156	-	-	-
4230	NUTRITION TRAINING	5,706	4,695	4,873	6,131
4233	NUTRITION TEACHING IN MEDICAL SCHOOLS	-	-	562	562
4238	NUTRITION RESEARCH	-	360	360	360
4300	MENTAL HEALTH	5,085	5,490	900	900
4311	STUDY GROUP ON ADM. OF PSYCHIATRIC & MENTAL HEALTH SERVICES	3,733	-	-	-
4314	EPIDEMIOLOGICAL STUDY ON EPILEPSY	-	-	2,380	2,380
4315	STUDY GROUP ON TRAINING PSYCHIATRISTS	-	-	-	604
4400	DENTAL HEALTH	620	542	542	911
4407	DENTAL EPIDEMIOLOGY	2,587	3,600	3,600	3,600
4409	FLUORIDATION	3,675	3,487	3,223	3,121
4410	LABORATORY FOR CONTROL OF DENTAL PRODUCTS	-	-	515	1,030
4411	HUMAN AND MATERIAL RESOURCES IN DENTISTRY	1,760	1,060	1,123	1,186
4412	SEMINAR ON IMPLEMENTATION OF DENTAL HEALTH PROGRAMS	-	-	-	2,729
4500	HEALTH ASPECTS OF RADIATION	-	-	-	870
4507	RADIATION HEALTH PROTECTION	1,426	1,340	1,371	1,403
4511	STUDY GROUP ON RADIATION PROTECTION	1,094	-	-	-
4514	NUCLEAR MEDICINE	-	-	-	1,950
4700	FOOD AND DRUG CONTROL	3,036	3,223	3,344	3,464
4708	FOOD HYGIENE TRAINING CENTER	-	-	1,251	1,801
4711	FOOD AND DRUG CONTROL SEMINAR	-	1,484	-	-
4800	MEDICAL CARE SERVICES	1,547	861	1,198	1,219
4810	CHRONIC DISEASES	1,010	1,242	1,294	1,348
4813	HOSPITAL PLANNING AND ADMINISTRATION	583	1,901	2,443	2,486
4815	TRAINING FOR MEDICAL CARE AND HOSPITAL ADMINISTRATION	2,360	7,169	1,103	1,288
4816	PROGRESSIVE PATIENT CARE	17,830	2,021	-	-
4819	SEMINAR ON CANCER REGISTRATION	643	-	-	-
4900	HEALTH AND POPULATION DYNAMICS	8,774	19,599	18,054	13,827
5000	REHABILITATION	744	5,322	2,475	2,440
5007	TEACHING OF PHYSIOTHERAPY	2,118	-	-	-
5008	SEMINAR ON REHABILITATION	-	1,245	-	-
6000	MEDICAL EDUCATION - TEXTBOOKS AND TEACHING	66,547	31,404	31,403	37,684
6100	SCHOOLS OF PUBLIC HEALTH	9,253	15,280	13,488	15,478
6107	SEMINARS ON SCHOOLS OF PUBLIC HEALTH	959	-	1,955	-
6200	MEDICAL EDUCATION	20,299	18,234	17,596	18,138
6208	TEACHING OF STATISTICS IN MEDICAL SCHOOLS	2,307	2,340	1,224	1,224
6210	TEACHING METHODS AND ADMIN ORGANIZATION OF MED SCHS	2,250	4,385	4,895	5,111
6214	FACULTY TRAINING FOR MEDICAL SCHOOLS	-	1,740	-	-
6216	PREVENTIVE MEDICINE EDUCATION	2,818	2,084	1,685	1,755
6221	LIBRARY OF MEDICINE	-	-	55,790	73,361
6222	SEMINAR ON TEACHING PREVENTIVE AND SOCIAL MEDICINE	-	942	-	-
6223	TEACHING OF BEHAVIORAL SCIENCES	427	660	9,410	9,410
6224	FACULTY AND RESEARCH TRAINING CENTERS	-	1,136	898	898
6225	SURVEY OF FELLOWSHIP PROGRAMS	-	-	252	-
6226	COMMUNITY-CENTERED RESEARCH IN MEDICAL EDUCATION	-	-	-	1,298
6300	NURSING EDUCATION	724	295	295	462
6317	SEMINAR ON NURSING EDUCATION	-	-	1,935	1,935
6319	TRAINING OF NURSING AUXILIARIES	-	1,407	1,667	2,103
6400	SANITARY ENGINEERING EDUCATION	9,107	7,888	7,960	8,274
6400	DENTAL EDUCATION	704	318	626	642
6608	TRAINING OF AUXILIARY DENTAL PERSONNEL	163	292	292	557
6609	LATIN AMERICAN ASSOCIATION OF DENTAL SCHOOLS	4,560	4,560	4,560	4,560
6700	BIOSTATISTICS EDUCATION	1,500	5,100	5,100	5,100
6707	LATIN AMERICAN CENTER FOR THE CLASSIFICATION OF DISEASES	2,424	2,781	3,263	3,339
6708	TRAINING PROGRAM IN HOSPITAL STATISTICS	14,777	22,979	25,300	26,560
6709	RESEARCH TRAINING PROGRAMS IN HEALTH AND POPULATION	1,435	-	-	-

BRAZIL  
SUMMARY OF INVESTMENTS BY SOURCE OF FUNDS

SOURCE OF FUNDS	*-----COUNTRY PROJECTS-----*				*-----PORTIONS OF INTER-COUNTRY PROJECTS-----*			
	1969	1970	1971	1972	1969	1970	1971	1972
TOTAL FUNDS	1,817,880	1,978,354	1,822,054	1,864,416	557,133	589,932	638,976	711,990
PR PAHO REGULAR	487,398	557,913	603,269	779,426	258,697	277,793	285,724	339,805
PM PAHO SPECIAL MALARIA	194,489	340,232	321,726	165,504	16,684	-	-	-
PW PAHO COMMUNITY WATER SUPPLY	5,198	85,390	74,361	52,249	-	-	-	-
PG PAHO GRANTS & OTHER CONTRIB.	135,550	168,944	-	-	167,467	141,841	114,336	98,137
WR WHO REGULAR	862,797	705,405	689,328	764,437	93,488	117,955	182,191	219,400
WA MALARIA ERADICATION SPEC. ACC.	21,547	-	-	-	-	-	-	-
WT WHO TECHNICAL ASSISTANCE	32,335	36,000	84,800	102,800	5,389	6,244	20,955	20,955
WS UNITED NATIONS SPECIAL FUND	50,394	53,848	37,570	-	15,296	45,983	35,645	33,555
WC WHO GRANTS & OTHER FUNDS	28,122	30,620	11,000	-	112	116	125	138

SOURCE OF FUNDS	*-----TOTAL ALL PROJECTS-----*			
	1969	1970	1971	1972
TOTAL FUNDS	2,375,013	2,568,286	2,461,030	2,576,406
PR PAHO REGULAR	746,095	835,706	888,493	1,119,231
PM PAHO SPECIAL MALARIA	211,173	340,232	321,726	165,504
PW PAHO COMMUNITY WATER SUPPLY	5,198	85,390	74,361	52,249
PG PAHO GRANTS & OTHER CONTRIB.	303,017	310,787	114,336	98,137
WR WHO REGULAR	956,285	823,360	871,519	983,837
WA MALARIA ERADICATION SPEC. ACC.	21,547	-	-	-
WT WHO TECHNICAL ASSISTANCE	37,724	42,244	105,755	123,755
WS UNITED NATIONS SPECIAL FUND	65,690	99,831	73,215	33,555
WC WHO GRANTS & OTHER FUNDS	28,234	30,736	11,125	138



## PART III - FIELD AND OTHER PROGRAMS

## ZONE VI

## PROGRAM BUDGET

1 9 6 9		1 9 7 0		1 9 7 1		1 9 7 2	
AMOUNT	PERCENT	AMOUNT	PERCENT	AMOUNT	PERCENT	AMOUNT	PERCENT
\$		\$		\$		\$	
1,108,163	40.6	1,258,941	36.0	1,170,394	35.0	948,164	29.6
887,342	32.5	955,841	27.4	858,484	25.7	662,749	20.7
27,647	1.0	53,625	1.5	37,918	1.1	43,347	1.4
175,047	6.4	158,156	4.5	137,543	4.1	134,699	4.2
129,888	4.7	187,552	5.4	195,150	5.9	161,144	5.0
20,576	.8	28,883	.8	44,109	1.3	34,535	1.1
1,471	.1	2,113	.1	2,373	.1	6,841	.2
4,106	.2	5,036	.2	7,048	.2	4,744	.2
517,207	18.9	516,972	14.8	430,221	12.9	273,329	8.5
11,400	.4	3,504	.1	4,122	.1	4,110	.1
220,821	8.1	303,100	8.6	311,910	9.3	285,415	8.9
79,495	2.9	142,952	3.2	123,280	3.7	135,401	4.2
141,070	5.2	185,792	5.3	184,124	5.5	145,359	4.5
256	*	4,356	.1	4,506	.1	4,655	.2
1,283,911	46.9	1,798,797	51.3	1,760,383	52.7	1,798,084	55.9
698,514	25.6	769,896	22.0	736,175	22.0	756,408	23.5
280,764	10.3	267,937	7.6	290,233	8.7	311,519	9.7
37,289	1.4	31,190	.9	26,325	.8	27,309	.8
2,931	.1	17,126	.5	26,654	.8	51,333	1.6
18,550	.7	27,215	.8	14,829	.4	14,728	.5
164,883	6.0	156,711	4.5	114,268	3.4	99,495	3.1
101,178	3.7	84,493	2.4	107,848	3.2	100,997	3.1
92,919	3.4	185,224	5.3	156,018	4.7	151,027	4.7
585,397	21.3	1,028,901	29.3	1,024,208	30.7	1,041,676	32.4
84,283	3.1	269,647	7.7	318,616	9.5	329,327	10.2
48,133	1.8	45,020	1.3	57,815	1.7	60,909	1.9
27,401	1.0	48,094	1.4	41,935	1.3	55,649	1.7
23,106	.8	17,315	.5	17,856	.5	22,282	.7
14,922	.5	15,283	.4	16,806	.5	16,083	.5
62,867	2.3	46,659	1.3	12,038	.4	12,297	.4
6,139	.2	18,166	.5	4,700	.1	21,474	.7
214,397	7.8	403,151	11.5	480	.0	426,944	13.3
60,858	2.2	98,386	2.8	490	.0	75,294	2.3
43,291	1.6	67,180	1.9	37,556	1.1	21,417	.7
343,774	12.5	445,337	12.7	408,734	12.3	468,500	14.5
20,178	.7	28,388	.8	31,604	.9	35,020	1.1
188,200	6.9	260,454	7.4	216,001	6.5	255,476	7.9
21,037	.8	6,855	.2	15,744	.5	18,176	.6
76,748	2.8	63,359	1.8	65,493	2.0	68,761	2.1
6,499	.2	16,103	.5	6,103	.2	11,859	.4
9,502	.3	22,707	.6	13,590	.4	14,328	.4
21,610	.8	47,471	1.4	60,199	1.8	64,880	2.0
2,735,848	100.0	3,503,075	100.0	3,339,511	100.0	3,214,748	100.0
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\* LESS THAN .05 PERCENT

## PART III - FIELD AND OTHER PROGRAMS

## ZONE VI

## SUMMARY OF INVESTMENT

SOURCE OF FUNDS	TOTAL AMOUNT	PERSONNEL			AMOUNT	TRAVEL AMOUNT	FELLOWSHIPS		AMOUNT	SEMINARS PART.	SUPPLIES AND EQUIPMENT	GRANTS AND OTHER	
		POSTS PROF.	LOCAL	STC MONTH			ACAD.	SHORT					
	\$				\$	\$		\$	\$	\$	\$		
1969													
PAHO---PR	1,164,571	22	2	24	692,245	68,016	8	25	69,619	-	31,201	111,259	192,231
PM	35,082	-	-	2	13,287	179	-	-	40	-	-	1,018	20,559
PW	19,589	-	-	1	1,750	-	-	14	11,097	-	491	6,251	-
PG	359,002	-	-	-	113,394	6,207	-	-	19,851	-	15,891	33,415	170,444
WHO---WR	684,264	5	-	31	263,971	19,610	32	52	191,978	-	15,100	101,919	91,786
WT	120,370	5	-	11	99,949	3,580	3	3	8,441	-	-	-	8,400
WS	352,524	9	3	16	205,572	16,332	-	7	3,355	-	-	111,089	16,176
WD	446	-	-	-	446	-	-	-	-	-	-	-	-
TOTAL	2,735,948	41	5	85	1,390,514	113,924	43	101	304,381	-	62,483	364,951	499,595
PER CENT OF TOTAL	100.0				50.8	4.2			11.1		2.3	13.3	18.3
1970													
PAHO---PR	1,338,307	21	2	34	888,020	78,839	5	47	94,749	-	17,332	58,449	200,868
PM	14,600	-	-	2	3,500	-	-	-	-	-	-	1,500	9,500
PW	50,300	-	-	10	18,000	-	-	5	7,000	-	-	25,000	-
PG	658,467	6	-	-	213,463	10,655	-	8	63,280	-	4,316	96,902	264,851
WHO---WR	819,040	6	-	76	388,562	22,024	9	47	114,185	-	33,045	143,511	117,713
WT	218,948	5	-	26	158,388	5,932	5	6	38,152	-	-	8,076	8,400
WS	403,251	9	3	7	309,734	16,860	3	-	15,000	-	-	42,789	18,868
WD	462	-	-	-	462	-	-	-	-	-	-	-	-
TOTAL	3,503,075	47	5	155	1,980,229	134,360	22	108	332,366	-	59,693	376,227	620,200
PER CENT OF TOTAL	100.0				56.5	3.9			9.5		1.7	10.7	17.7
1971													
PAHO---PR	1,328,738	20	2	30	924,708	74,990	4	35	82,174	-	3,722	55,638	187,506
PM	13,800	-	-	3	5,400	-	-	-	-	-	-	400	8,000
PW	35,600	-	-	12	21,500	-	-	10	14,000	-	-	-	-
PG	516,589	6	-	-	240,716	10,367	-	8	58,475	-	311	17,688	189,032
WHO---WR	876,817	6	-	75	445,249	26,246	10	47	124,780	-	35,314	148,245	96,983
WT	279,605	5	-	12	186,832	9,623	5	9	73,210	-	-	1,540	8,400
WS	287,861	6	3	1	224,322	16,860	-	-	-	-	-	27,125	19,554
WD	501	-	-	-	501	-	-	-	-	-	-	-	-
TOTAL	3,339,511	44	5	133	2,049,328	138,086	19	109	352,639	-	39,347	250,636	509,475
PER CENT OF TOTAL	100.0				61.4	4.1			10.6		1.2	7.5	15.2
1972													
PAHO---PR	1,513,444	21	2	41	1,054,915	75,890	6	43	102,463	-	23,276	60,211	196,699
PM	469,122	5	-	-	217,173	8,819	-	8	45,846	-	467	15,801	181,016
PW	886,075	5	-	76	467,407	25,723	10	53	128,183	-	53,490	117,859	93,413
PG	251,605	5	-	9	169,332	9,123	3	9	63,210	-	-	1,540	8,400
WHO---WR	93,953	-	-	-	78,960	3,360	-	-	-	-	-	6,369	5,264
WT	549	-	-	-	549	-	-	-	-	-	-	-	-
TOTAL	3,214,748	36	2	125	1,988,336	122,905	19	113	339,702	-	77,233	201,780	484,792
PER CENT OF TOTAL	100.0				61.8	3.8			10.6		2.4	6.3	15.1

PAHO PR-REGULAR BUDGET  
 PM-SPECIAL FUND FOR MALARIA ERADICATION  
 PW-COMMUNITY WATER SUPPLY  
 PG-GRANTS AND OTHER CONTRIBUTIONS  
 PI-INCAP AND OTHER RELATED GRANTS

WHO WR-REGULAR BUDGET  
 WM-MALARIA ERADICATION SPECIAL ACCOUNT  
 WT-UNITED NATIONS TECHNICAL ASSISTANCE  
 WS-UNITED NATIONS SPECIAL FUND  
 WO-GRANTS AND OTHER FUNDS



## ARGENTINA

## PROGRAM BUDGET

1 9 6 9		1 9 7 0			1 9 7 1		1 9 7 2	
AMOUNT	PERCENT	AMOUNT	PERCENT		AMOUNT	PERCENT	AMOUNT	PERCENT
683,525	48.4	692,313	42.8	I. PROTECTION OF HEALTH	574,226	41.2	358,932	29.8
604,134	42.8	605,310	37.4	A. COMMUNICABLE DISEASES	473,261	33.9	267,194	22.2
16,588	1.2	27,188	1.7	0100 GENERAL	8,436	.6	10,205	.9
28,782	2.0	31,840	2.0	0200 MALARIA	6,813	.5	10,861	.9
77,027	5.5	76,899	4.7	0300 SMALLPOX	79,474	5.7	41,020	3.4
11,015	.8	7,642	.5	0400 TUBERCULOSIS	13,751	1.0	8,167	.7
819	.1	1,175	.1	0500 LEPROSY	1,319	.1	4,276	.4
127	*	510	*	0600 VENEREAL DISEASES	180	*	540	*
468,088	33.1	458,525	28.3	0700 ZOOZOSES	361,488	25.9	189,125	15.7
1,688	.1	1,531	.1	1000 PARASITIC DISEASES	1,800	.1	3,000	.2
79,391	5.6	87,003	5.4	B. ENVIRONMENTAL HEALTH	100,965	7.3	91,738	7.6
22,487	1.6	30,711	1.9	2100 GENERAL	36,898	2.7	43,328	3.6
56,840	4.0	55,201	3.4	2200 WATER SUPPLIES	62,938	4.5	47,244	3.9
64	*	1,091	.1	2400 HOUSING	1,129	.1	1,166	.1
538,757	38.3	726,802	44.8	II. PROMOTION OF HEALTH	643,215	46.2	647,555	53.5
272,807	19.4	271,685	16.8	A. GENERAL SERVICES	210,600	15.1	193,671	16.0
97,004	6.9	73,966	4.6	3100 GENERAL PUBLIC HEALTH	60,337	4.3	51,118	4.2
22,109	1.6	8,288	.5	3200 NURSING	5,120	.4	5,407	.4
416	*	2,668	.2	3300 LABORATORY	4,600	.3	7,094	.6
7,360	.5	15,544	1.0	3400 HEALTH EDUCATION	3,134	.2	3,109	.3
109,577	7.8	99,474	6.1	3500 STATISTICS	71,817	5.2	63,614	5.3
7,095	.5	7,431	.4	3600 ADMINISTRATIVE METHODS	12,781	.9	13,648	1.1
29,246	2.1	64,314	4.0	3700 HEALTH PLANNING	52,811	3.8	49,681	4.1
265,950	18.9	455,117	28.0	B. SPECIFIC PROGRAMS	432,615	31.1	453,884	37.5
9,098	.6	17,643	1.1	4100 MATERNAL AND CHILD HEALTH	20,581	1.5	21,916	1.8
11,408	.8	12,661	.8	4200 NUTRITION	14,116	1.0	14,990	1.2
8,094	.6	42,464	2.6	4300 MENTAL HEALTH	31,337	2.3	45,251	3.7
8,318	.6	4,029	.2	4400 DENTAL HEALTH	4,280	.3	5,064	.4
4,045	.3	5,341	.3	4500 RADIATION AND ISOTOPES	6,773	.5	7,226	.6
14,004	1.0	1,641	.1	4600 OCCUPATIONAL HEALTH	1,913	.1	1,978	.2
1,522	.1	3,097	.2	4700 FOOD AND DRUG	2,925	.2	3,536	.3
176,688	12.5	346,915	21.4	4800 MEDICAL CARE	334,869	24.0	341,108	28.2
8,019	.6	14,700	.9	4900 HEALTH AND POPULATION DYNAMICS	13,544	1.0	10,374	.9
24,754	1.8	6,626	.4	5000 REHABILITATION	2,477	.2	2,441	.2
190,718	13.3	200,366	12.4	III. DEVELOPMENT OF EDUCATIONAL INSTITUTIONS	176,421	12.6	201,242	16.7
14,686	1.0	12,694	.8	6100 PUBLIC HEALTH	15,852	1.1	14,560	1.2
113,361	8.0	132,492	8.2	6200 MEDICINE	100,794	7.2	119,977	9.9
18,867	1.3	1,705	.1	6300 NURSING	3,901	.3	4,504	.4
33,333	2.3	27,535	1.7	6400 ENVIRONMENTAL SCIENCES	27,731	2.0	29,286	2.4
-	-	10,794	.7	6500 VETERINARY MEDICINE	794	.1	856	.1
1,569	.1	1,311	.1	6600 DENTISTRY	1,619	.1	1,901	.2
8,902	.6	13,835	.8	6700 BIOSTATISTICS	25,730	1.8	30,158	2.5
1,413,000	100.0	1,619,481	100.0	GRAND TOTAL	1,393,862	100.0	1,207,729	100.0

\* LESS THAN .05 PERCENT

## ARGENTINA

## SUMMARY OF INVESTMENT

SOURCE OF FUNDS	TOTAL AMOUNT	*-----PERSONNEL-----*			*--DUTY--*	*---FELLOWSHIPS---*			*---SEMINARS---*	*SUPPLIES*	*--GRANTS--*		
		POSTS PROF.	LOCAL	STC MONTH	TRAVEL AMOUNT	ACAD.	SHORT	AMOUNT	PART.	AMOUNT	AND EQUIPMENT	AND OTHER	
	\$				\$			\$	\$	\$	\$		
1969													
PAHO---PR	525,079	13	1	3	332,113	28,668	5	16	38,974	-	11,730	39,605	73,989
PM	1,263	-	-	-	1,119	19	-	-	-	-	-	57	68
PG	188,796	-	-	-	53,140	2,064	-	-	9,227	-	4,883	10,954	108,528
WHO---WR	336,642	2	-	20	119,639	9,260	12	16	78,983	-	5,024	71,451	52,285
WT	42,367	2	-	7	41,957	110	-	-	-	-	-	-	300
WS	318,741	9	3	16	184,965	14,703	-	7	-	-	104,499	-	14,574
WO	112	-	-	-	112	-	-	-	-	-	-	-	-
TOTAL	1,413,000	26	4	41	733,045	54,824	17	39	127,184	-	21,637	226,566	249,744
PER CENT OF TOTAL	100.0				51.9	3.9			9.0		1.5	16.0	17.7
1970													
PAHO---PR	597,937	12	1	14	416,830	32,980	5	17	47,523	-	7,194	20,778	72,632
PG	326,895	-	-	-	61,033	1,948	-	8	40,317	-	2,331	14,932	206,334
WHO---WR	354,185	2	-	29	139,432	9,555	6	28	65,634	-	9,628	57,924	72,012
WT	19,864	-	-	7	15,326	66	-	6	4,084	-	-	88	300
WS	320,484	9	3	7	247,034	14,700	3	-	15,000	-	-	28,140	15,610
WO	116	-	-	-	116	-	-	-	-	-	-	-	-
TOTAL	1,619,481	23	4	57	879,771	59,249	14	59	172,558	-	19,153	121,862	366,888
PER CENT OF TOTAL	100.0				54.3	3.7			10.7		1.2	7.5	22.6
1971													
PAHO---PR	531,742	10	1	5	382,011	28,165	3	12	32,719	-	789	15,539	72,519
PG	275,496	-	-	-	61,966	1,454	-	8	39,127	-	79	10,317	162,553
WHO---WR	347,801	2	-	28	157,560	10,795	6	22	59,013	-	14,171	59,010	47,252
WT	14,996	-	-	-	7,635	403	-	-	6,274	-	-	384	300
WS	223,701	6	3	1	170,538	14,700	-	-	-	-	-	22,545	15,918
WO	126	-	-	-	126	-	-	-	-	-	-	-	-
TOTAL	1,393,862	18	4	34	779,836	55,517	9	42	137,133	-	15,039	107,795	298,542
PER CENT OF TOTAL	100.0				56.0	4.0			9.8		1.1	7.7	21.4
1972													
PAHO---PR	597,925	10	1	8	429,089	28,319	5	10	38,733	-	7,228	16,970	77,586
PG	263,802	-	-	-	59,011	756	-	8	36,833	-	118	10,011	157,073
WHO---WR	297,313	1	-	23	142,597	9,433	5	21	53,995	-	20,066	24,277	46,945
WT	14,996	-	-	-	7,635	403	-	-	6,274	-	-	384	300
WS	33,555	-	-	-	28,200	1,200	-	-	-	-	-	2,275	1,880
WO	138	-	-	-	138	-	-	-	-	-	-	-	-
TOTAL	1,207,729	11	1	31	666,670	40,111	10	39	135,835	-	27,412	53,917	283,784
PER CENT OF TOTAL	100.0				55.2	3.3			11.2		2.3	4.5	23.5

PAHO PR-REGULAR BUDGET  
 PM-SPECIAL FUND FOR MALARIA ERADICATION  
 PW-COMMUNITY WATER SUPPLY  
 PG-GRANTS AND OTHER CONTRIBUTIONS  
 PI-INCAP AND OTHER RELATED GRANTS

WHO WR-REGULAR BUDGET  
 WA-MALARIA ERADICATION SPECIAL ACCOUNT  
 WT-UNITED NATIONS TECHNICAL ASSISTANCE  
 WS-UNITED NATIONS SPECIAL FUND  
 WO-GRANTS AND OTHER FUNDS

DETAILARGENTINA-0100, COMMUNICABLE DISEASE CONTROL

THE PURPOSE OF THIS PROJECT IS TO ASSIST IN THE STRENGTHENING OF EPIDEMIOLOGICAL SERVICES, TO PROMOTE THE DEVELOPMENT OF ERADICATION AND CONTROL PROGRAMS, TO ADVISE ON METHODS AND TECHNIQUES OF CONTROL, TO STIMULATE THE COORDINATION OF ACTIVITIES FOR THE CONTROL OR ERADICATION OF COMMUNICABLE DISEASES WITH OTHER PUBLIC HEALTH ACTIVITIES, TO PROMOTE BETTER REPORTING OF THOSE DISEASES, AND TO ADVISE ON PROBLEMS RELATED TO THE APPLICATION OF THE INTERNATIONAL SANITARY REGULATIONS.

UNDER AN INTENSIVE TRAINING PROGRAM, FOUR SEMINARS WERE CONDUCTED FOR 56 TECHNICIANS AND DOCTORS, AN INTERMEDIATE LEVEL COURSE WAS GIVEN TO 15 DOCTORS, AND AN ORIENTATION COURSE WAS HELD FOR 24 DOCTORS OF THE PATAGONIAN REGION. FOR THE FIRST TIME, THE SCHOOL OF PUBLIC HEALTH CONDUCTED A COURSE IN EPIDEMIOLOGY.

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
								\$	\$	\$	\$
TOTAL		1	1	-	-	TOTAL	PR	-	19,114	-	-
P-4 MEDICAL OFFICER .3391	PR	1	1	-	-	PERSONNEL-POSTS		-	15,714	-	-
						DUTY TRAVEL		-	1,500	-	-
TOTAL		-	1	-	-	SUPPLIES AND EQUIPMENT		-	500	-	-
						FELLOWSHIPS		-	1,400	-	-
FELLOWSHIPS-SHORT TERM	PR	-	1	-	-	EST. GOVERNMENT CONTRIB.			( 272,000)		

ARGENTINA-0200, MALARIA ERADICATION

THE MALARIOUS AREA IN ARGENTINA IS LOCATED IN THE NORTHERN PART OF THE COUNTRY AND IS THE SOUTHERN BOUNDARY IN THE HEMISPHERE FOR THE TRANSMISSION OF THE DISEASE. THIS AREA COVERS 349,054 SQUARE KILOMETERS WITH 2,987,000 PEOPLE, WHICH IS 12.7 PER CENT OF THE POPULATION OF THE COUNTRY. NOW, 2,080,000 PERSONS LIVE IN AREAS WHERE THE TRANSMISSION OF MALARIA HAS BEEN INTERRUPTED, AND 907,000 PEOPLE LIVE IN AREAS IN THE ATTACK PHASE. THE LATTER CONSTITUTE 30.3 PER CENT OF THE POPULATION OF THE ORIGINAL MALARIA AREA.

IN 1969, 247 CASES WERE RECORDED FROM 159,178 BLOOD SLIDES (0.15 PER CENT POSITIVE); IN 1968, 240,859 BLOOD SLIDES WERE EXAMINED, OF WHICH 519 WERE POSITIVE (0.24 PER CENT), AND IN 1967 THE NUMBER OF POSITIVE CASES WAS EVEN GREATER, WITH 1,620 CASES FROM 259,335 BLOOD SLIDES (0.06 PER CENT).

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
TOTAL		1	1	-	-	TOTAL	PR	22,842	26,273	-	-
P-4 MEDICAL OFFICER .1097	PR	1	1	-	-	PERSONNEL-POSTS		20,790	20,473	-	-
						DUTY TRAVEL		1,076	1,500	-	-
TOTAL		-	2	-	-	SUPPLIES AND EQUIPMENT		976	1,500	-	-
						FELLOWSHIPS		-	2,800	-	-
FELLOWSHIPS-SHORT TERM	PR	-	2	-	-	EST. GOVERNMENT CONTRIB.			( 296,000)		

ARGENTINA-0300, SMALLPOX ERADICATION

THE PURPOSE OF THIS PROJECT IS TO VACCINATE AT LEAST 90 PER CENT OF THE POPULATION IN THREE YEARS; TO CONSOLIDATE RESULTS BY VACCINATION OF THE NEWBORN, REVACCINATION OF 20 PER CENT OF THE POPULATION OF EACH AREA ANNUALLY, AND APPLICATION OF APPROPRIATE INTERNATIONAL QUARANTINE MEASURES; AND TO HELP ORGANIZE PROVINCIAL EPIDEMIOLOGICAL AND SUPPORTING SERVICES.

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
TOTAL		1	1	1	1	TOTAL	WR	46,869	52,000	52,000	12,000
FELLOWSHIPS-SHORT TERM	WR	1	1	1	1	SUPPLIES AND EQUIPMENT		46,191	50,000	50,000	10,000
						FELLOWSHIPS		678	2,000	2,000	2,000
						EST. GOVERNMENT CONTRIB.			( 350,000)	( 350,000)	( 350,000)

ARGENTINA-0400, TUBERCULOSIS CONTROL

THE OBJECTIVE OF THIS PROJECT IS TO IMPROVE THE CONTROL OF TUBERCULOSIS EFFECTIVELY AND ECONOMICALLY THROUGH THE RATIONAL APPLICATION OF THE KNOWLEDGE AND RESOURCES AVAILABLE.

A NATIONAL TUBERCULOSIS CONTROL CENTER, DEVELOPED SINCE 1962 WITH THE COOPERATION OF UNICEF IN THE PROVINCE OF SANTA FE, TESTS CONTROL TECHNIQUES AND PROCEDURES, PROMOTES OPERATIONAL RESEARCH IN A PILOT AREA, TRAINS PERSONNEL, AND PROVIDES GUIDANCE TO THE CENTRAL AND LOCAL AUTHORITIES ON THE DEVELOPMENT OF A PROGRAM COVERING THE WHOLE COUNTRY.

. . . CONTINUED

ARGENTINA-0400, TUBERCULOSIS CONTROL . . . CONTINUED

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
								\$	\$	\$	\$
TOTAL		2	1	1	-	TOTAL		9,602	3,200	3,200	-
CONSULTANT MONTHS	WR	2	1	1	-	SUBTOTAL	PR	5,520	-	-	-
TOTAL		3	1	1	-	FELLOWSHIPS		5,520	-	-	-
FELLOWSHIPS-SHORT TERM	PR	3	-	-	-	SUBTOTAL	WR	4,082	3,200	3,200	-
FELLOWSHIPS-SHORT TERM	WR	-	1	1	-	PERSONNEL-CONSULTANTS		4,082	1,800	1,800	-
						FELLOWSHIPS		-	1,400	1,400	-
						EST. GOVERNMENT CONTRIB.			( 450,000)	( 450,000)	( 450,000)

ARGENTINA-0700, PAN AMERICAN ZOONOSES CENTER

THE UNITED NATIONS SPECIAL FUND HAS APPROVED A FIVE-YEAR PROJECT FOR THE STRENGTHENING OF THE PAN AMERICAN ZOONOSES CENTER IN RAMOS MEJIA AND AZUL.

THE PROGRAM OF THE CENTER IS DESCRIBED AS PART OF THE INTERCOUNTRY PROJECT AMRO-0700.

		14	14	11	2	TOTAL		379,036	363,446	278,778	92,498
TOTAL											
P-4 BACTERIOLOGIST 4.3004	WS	1	1	1	-	SUBTOTAL	PR	75,592	88,946	90,722	92,498
P-4 EPIDEMIOLOGIST 4.3001	WS	1	1	1	-	PERSONNEL-POSTS		27,878	40,946	42,722	44,498
P-4 FOOD MICROBIOLOGIST 4.3008	WS	1	1	1	-	DUTY TRAVEL		2,475	3,000	3,000	3,000
P-4 LABORATORY ADVISER 4.3005	WS	1	1	-	-	COMMON SERVICES		45,239	45,000	45,000	45,000
P-4 PROJECT MANAGER 4.2126	WS	1	1	1	-	SUBTOTAL	WS	303,444	274,500	188,056	-
P-4 SEROLOGIST 4.3007	WS	1	1	1	-	PERSONNEL-POSTS		142,953	198,200	138,658	-
P-4 VETERINARIAN .1057	PR	1	1	1	1	PERSONNEL-CONSULTANTS		30,563	14,000	2,000	-
P-4 VETERINARIAN 4.3002 4.3003	WS	2	2	-	-	DUTY TRAVEL		13,797	13,500	13,500	-
P-4 VIROLOGIST 4.3006	WS	1	1	1	-	SUPPLIES AND EQUIPMENT		102,447	20,000	20,000	-
P-4 ZOONOSES SPECIALIST .0771	PR	1	1	1	1	FELLOWSHIPS		-	15,000	-	-
G-5 SECRETARY 4.3111 4.3112	WS	2	2	2	-	MISCELLANEOUS		13,684	13,800	13,898	-
G-2 CHAUFFEUR 4.3096	WS	1	1	1	-	EST. GOVERNMENT CONTRIB.			( 203,000)	( 203,000)	( 203,000)
TOTAL		16	7	1	-						
CONSULTANT MONTHS	WS	16	7	1	-						
TOTAL		7	3	-	-						
FELLOWSHIPS-ACADEMIC	WS	-	3	-	-						
FELLOWSHIPS-SHORT TERM	WS	7	-	-	-						

ARGENTINA-0703, ANTI-RABIES VACCINES

THE PURPOSE OF THIS PROJECT IS TO ESTABLISH, WITHIN THE NATIONAL INSTITUTE OF MICROBIOLOGY, A CENTER FOR THE PRODUCTION OF ANTI-RABIES VACCINES FOR HUMAN USE IN THE COUNTRIES OF THE HEMISPHERE. THE CENTER WILL MAINTAIN AN ADEQUATE SUPPLY OF THE VACCINE FOR EMERGENCY USE.

	WR	10,460	10,000	-	-
TOTAL					
SUPPLIES AND EQUIPMENT		10,460	-	-	-
GRANTS		-	10,000	-	-
EST. GOVERNMENT CONTRIB.			( 12,000)		

ARGENTINA-2100, ENVIRONMENTAL SANITATION

IN KEEPING WITH ITS EFFORTS TO REGIONALIZE ITS HEALTH PROGRAMS, THE GOVERNMENT OF ARGENTINA WISHES TO EXTEND THE ACTION OF CENTRAL AND PROVINCIAL HEALTH MINISTRIES IN THE FIELD OF SANITATION. THE PURPOSE OF THIS PROJECT IS TO ASSIST IN PROMOTING, EVALUATING, AND COORDINATING ENVIRONMENTAL SANITATION PROGRAMS THROUGHOUT THE COUNTRY; THROUGH PROGRAMS OF CONTROL OF THE QUALITY OF PUBLIC WATER SUPPLIES; COLLECTION AND DISPOSAL OF SOLID WASTES; WATER AND AIR POLLUTION CONTROL PROGRAMS; IMPROVEMENT OF RURAL HOUSING; AND OTHER RURAL ENVIRONMENTAL PROBLEMS.

THE SANITARY ENGINEERING DEPARTMENT OF THE SECRETARIAT OF STATE FOR PUBLIC HEALTH WILL BE STRENGTHENED; SANITATION SERVICES WILL BE ORGANIZED OR REORGANIZED IN THE 22 PROVINCIAL MINISTRIES OF HEALTH; AND SANITATION PROGRAMS WILL BE COORDINATED WITH THOSE OF OTHER GOVERNMENTAL AGENCIES, ESPECIALLY WITH THE MINISTRIES OF HOUSING, COMMUNITY DEVELOPMENT, AND LABOR.

TO STAFF THESE SERVICES, AN INTENSIVE PROGRAM WILL TRAIN ANNUALLY 10 SANITARY ENGINEERS, 200 SANITARY INSPECTORS FROM THE 22 PROVINCES, 25 WATERWORKS OPERATORS, AND 25 WELL-DRILLERS.

UNICEF IS COOPERATING IN THE TRAINING OF THE SANITARY INSPECTORS.

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
								\$	\$	\$	\$
TOTAL		1	1	1	1	TOTAL	PR	18,754	26,773	29,061	35,749
P-4 SANITARY ENGINEER .3208	PR	1	1	1	1	PERSONNEL-POSTS		17,872	20,473	21,361	22,249
						PERSONNEL-CONSULTANTS		-	1,800	1,800	3,600
TOTAL		-	1	1	2	DUTY TRAVEL		882	1,500	1,500	1,500
						SUPPLIES AND EQUIPMENT		-	3,000	3,000	3,000
CONSULTANT MONTHS	PR	-	1	1	2	FELLOWSHIPS		-	-	1,400	5,400
TOTAL		-	-	1	2						
FELLOWSHIPS-ACADEMIC	PR	-	-	-	1						
FELLOWSHIPS-SHORT TERM	PR	-	-	1	1						

ARGENTINA-2200, WATER SUPPLIES

THE PURPOSE OF THIS PROJECT IS TO ASSIST IN THE PLANNING AND DEVELOPMENT OF WATER SUPPLY AND SEWERAGE SYSTEMS PROGRAMS WITH THE NATIONAL ADMINISTRATION OF SANITARY WORKS (OSN) IN THE URBAN AREAS AND WITH THE MINISTRY OF HEALTH IN THE RURAL AREAS, INCLUDING ASSISTANCE IN MANAGEMENT AND IN THE TRAINING OF PERSONNEL.

IN 1969 IT WAS ESTIMATED THAT OF THE 17.7 MILLION URBAN POPULATION, SOME 12.5 MILLION WERE SERVED BY HOUSE CONNECTIONS OR HAD EASY ACCESS TO PUBLIC HYDRANTS. OF THE 6.2 MILLION RURAL POPULATION, 746,000 WERE SERVED BY PUBLIC HYDRANTS OR HOUSE CONNECTIONS. IF POPULATION INCREASES ARE TAKEN INTO ACCOUNT, SERVICE MUST BE PROVIDED TO 1,310,000 ADDITIONAL PERSONS ANNUALLY IN ORDER TO MEET BY 1971 THE OBJECTIVES ESTABLISHED IN THE CHARTER OF PUNTA DEL ESTE.

DURING THE PERIOD 1961-1969 INTERNATIONAL LOANS TOTALLING \$37.4 MILLION WERE OBTAINED TO CONSTRUCT WATER SUPPLY AND SEWERAGE PROJECTS WITH A VALUE OF \$80.4 MILLION. IN 1967 THE GOVERNMENT ESTIMATED IT WOULD SPEND \$190 MILLION DURING 1968-1971 TO PROVIDE 79 PER CENT OF THE URBAN POPULATION WITH WATER SUPPLY THROUGH HOUSE CONNECTIONS AND 11 PER CENT OF THE RURAL POPULATION THROUGH HOUSE CONNECTIONS OR PUBLIC HYDRANTS. THIRTY-SEVEN PER CENT OF THE URBAN POPULATION WILL THEN HAVE ADEQUATE SEWERAGE SERVICES.

		1	1	1	-		WR	23,859	23,665	27,331	2,800
TOTAL		1	1	1	-	TOTAL					
P-4 SANITARY ENGINEER 4.1055	WR	1	1	1	-	PERSONNEL-POSTS		22,876	20,765	23,031	-
						DUTY TRAVEL		983	1,500	1,500	-
TOTAL		-	1	2	2	FELLOWSHIPS		-	1,400	2,800	2,800
FELLOWSHIPS-SHORT TERM	WR	-	1	2	2	EST. GOVERNMENT CONTRIB.			(7,000,000)	(7,000,000)	(7,000,000)

ARGENTINA-3100, HEALTH SERVICES

THE 22 PROVINCES AND ONE TERRITORY OF ARGENTINA HAVE A POPULATION OF ABOUT 22 MILLION. MOST OF THE PROVINCES ARE IN A PERIOD OF RAPID ECONOMIC AND SOCIAL GROWTH, BUT THEY PRESENT VARIED HEALTH PROBLEMS RANGING FROM THOSE OF DENSELY POPULATED CENTERS TO THOSE OF EXTENSIVE RURAL AREAS. PERMANENT PROVINCIAL AND LOCAL HEALTH SERVICES UNDER THESE VARIED CONDITIONS ARE AN URGENT NECESSITY. THE PURPOSE OF THIS PROJECT IS TO ASSIST THE NATIONAL MINISTRY IN DISCHARGING ITS RESPONSIBILITIES OF HEALTH PLANNING, ADVISORY SERVICES, SUPERVISION, EVALUATION, TRAINING, AND RESEARCH.

		1	1	-	-			61,044	42,405	28,400	13,200
TOTAL		1	1	-	-	TOTAL					
P-5 MEDICAL OFFICER .2019	PR	1	1	-	-	SUBTOTAL	PR	25,882	25,205	-	-
TOTAL		9	5	9	5	PERSONNEL-POSTS		24,415	23,705	-	-
CONSULTANT MONTHS	WR	9	5	9	5	DUTY TRAVEL		1,467	1,500	-	-
TOTAL		10	4	5	3	SUBTOTAL	WR	35,162	17,200	28,400	13,200
FELLOWSHIPS-ACADEMIC	WR	4	1	2	-	PERSONNEL-CONSULTANTS		12,665	9,000	16,200	9,000
FELLOWSHIPS-SHORT TERM	WR	6	3	3	3	FELLOWSHIPS		22,497	8,200	12,200	4,200
						EST. GOVERNMENT CONTRIB.			30,000,000	30,000,000	30,000,000

ARGENTINA-3101, FELLOWSHIPS

FELLOWSHIPS ARE PROVIDED IN ORDER TO TRAIN PERSONNEL FOR THE IMPROVEMENT AND EXPANSION OF HEALTH SERVICES IN THE COUNTRY.

	FUND				TOTAL		FUND			
	1969	1970	1971	1972			1969	1970	1971	1972
TOTAL	16	7	7	7	TOTAL	\$	\$	\$	\$	
FELLOWSHIPS-ACADEMIC	NR	5	3	3		23,809	17,600	17,600	17,600	
FELLOWSHIPS-SHORT TERM	PR	11	4	4						
					SUBTOTAL		5,600	5,600	5,600	
					FELLOWSHIPS		5,600	5,600	5,600	
					SUBTOTAL	WR	23,809	12,000	12,000	
					FELLOWSHIPS		23,809	12,000	12,000	

ARGENTINA-3102, PROVINCIAL HEALTH SERVICES

THE PRINCIPAL OBJECTIVE OF THIS PROJECT WAS TO ORGANIZE REGIONALLY-BASED HEALTH SERVICES FOR SEVERAL PROVINCES. BASIC HEALTH SERVICES, INCLUDING SANITATION, MEDICAL CARE, AND MATERNAL AND CHILD HEALTH, ARE ESTABLISHED, AND PERSONNEL TRAINING PROCEEDS ACCORDING TO THE NEEDS AND RESOURCES.

	TOTAL				TOTAL		TOTAL			
	1	-	-	-			WT	19,709	2,000	-
P-3 NURSE 4.0326	WT	1	-	-		PERSONNEL-POSTS	17,726	-	-	-
						PERSONNEL-CONSULTANTS	1,920	2,000	-	-
						DUTY TRAVEL	63	-	-	-
TOTAL		2	1	-						
CONSULTANT MONTHS	WT	2	1	-						

ARGENTINA-3108, REGIONAL HEALTH SERVICES

HEALTH ADMINISTRATION IN THE COUNTRY HAS BEEN MAKING EFFECTIVE PROGRESS IN THE RATIONALIZATION OF ITS CENTRAL-LEVEL STRUCTURE, IN THE REDEFINITION OF HEALTH POLICY, AND IN THE REGIONALIZATION OF ACTIVITIES. THE NEW STRUCTURE PROVIDES FOR ADVICE AND SUPERVISION THROUGH REGIONAL ORGANIZATIONS MADE UP OF GROUPS OF PROVINCES. THE REGIONAL ORGANIZATION IS EXPECTED TO BE IN FULL DEVELOPMENT IN THE NEAR FUTURE.

UNICEF COOPERATES IN THIS PROJECT.

	TOTAL				TOTAL		TOTAL			
	1	-	-	-			PR	4,160	-	-
FELLOWSHIPS-ACADEMIC	PR	1	-	-		FELLOWSHIPS	4,160	-	-	-

ARGENTINA-3400, HEALTH EDUCATION PLANNING

THE OBJECTIVE OF THIS PROJECT IS TO COLLABORATE WITH THE GOVERNMENT OF ARGENTINA IN THE DEVELOPMENT OF A STUDY FOR ASSESSING THE PRESENT TREND OF HEALTH TEACHING IN PRIMARY AND SECONDARY SCHOOLS AND IN THE TRAINING OF SCHOOL TEACHERS, IN ORDER TO PREPARE FURTHER PLANS. THESE INCLUDE HEALTH EDUCATION TRAINING OF SCHOOL TEACHERS AND STRENGTHENING OF THE HEALTH TEACHING AT PRIMARY AND SECONDARY LEVELS OF GENERAL EDUCATION, AS WELL AS THE ESTABLISHMENT OF A SYSTEM OF EFFECTIVE COORDINATION BETWEEN THE MINISTRIES OF EDUCATION AND HEALTH TO PLAN, CARRY OUT, SUPERVISE, AND EVALUATE SCHOOL HEALTH EDUCATION PROGRAMS IN ARGENTINA.

	TOTAL				TOTAL		TOTAL			
	-	6	-	-			WT	-	12,000	-
CONSULTANT MONTHS	WT	-	6	-		PERSONNEL-CONSULTANTS	-	12,000	-	-

ARGENTINA-3500, HEALTH STATISTICS

IN ORDER TO PROVIDE THE RELIABLE STATISTICAL DATA ESSENTIAL TO THE PLANNING, ADMINISTRATION, AND EVALUATION OF HEALTH PROGRAMS, THE GOVERNMENT IN 1967 DREW UP AND STARTED A FIVE-YEAR PLAN OF ACTION FOR THE DEVELOPMENT AND IMPROVEMENT OF STATISTICAL SERVICES. UNDER THIS NATIONAL PLAN, DATA COLLECTING AND TABULATING SYSTEMS ARE BEING SET UP AND TECHNICAL AND AUXILIARY PERSONNEL TRAINED. IN THE FIVE-YEAR PERIOD, IT IS EXPECTED THAT SOME 400 STATISTICIANS FOR CENTRAL- AND REGIONAL-LEVEL SERVICES AND FOR MAJOR HOSPITALS AND 5,000 AUXILIARIES WILL BE TRAINED TO MEET THE NEEDS OF THE PROGRAM.

ELECTRONIC COMPUTERS ARE BEING USED FOR THE TABULATION OF DATA AT THE NATIONAL LEVEL AND, WITH THE COOPERATION OF MEDICAL SCHOOLS, FOR CARRYING OUT A NATIONAL SURVEY OF MEDICAL RESOURCES AND MORBIDITY.

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
								\$	\$	\$	\$
TOTAL		-	-	-	2	TOTAL	PR	5,533	6,800	6,800	10,400
CONSULTANT MONTHS	PR	-	-	-	2	PERSONNEL-CONSULTANTS		-	-	-	3,600
TOTAL		-	3	3	3	SUPPLIES AND EQUIPMENT		953	-	-	-
FELLOWSHIPS-ACADEMIC	PR	-	1	1	1	FELLOWSHIPS		4,580	6,800	6,800	6,800
FELLOWSHIPS-SHORT TERM	PR	-	2	2	2	EST. GOVERNMENT CONTRIB.			(2,500,000)	(2,500,000)	(2,500,000)

ARGENTINA-3504, DATA PROCESSING CENTER

THE NATIONAL PLAN FOR HEALTH STATISTICS ENCOMPASSES THE INSTALLATION OF A NATIONAL NETWORK FOR THE COLLECTION AND PROCESSING OF DATA. THE NATIONAL PLANNING OF HEALTH SERVICES, AS WELL AS ADMINISTRATION OF THE PUBLIC HEALTH SECRETARIAT, IS DEPENDENT ON AN EFFICIENT STATISTICAL SYSTEM. A DATA PROCESSING CENTER HAS BEEN SET UP WITH THE FOLLOWING GOALS: 1) TO DEVELOP A PLAN FOR EFFECTIVE UTILIZATION OF THE COMPUTERS IN THE VARIOUS HEALTH AGENCIES; 2) TO PRODUCE ROUTINE STATISTICS AS WELL AS THOSE FOR SPECIAL USE; 3) TO TRAIN PERSONNEL IN SYSTEMS ANALYSIS, PROGRAMMING, AND GENERAL ADMINISTRATION OF COMPUTER SYSTEMS; AND 4) TO CARRY OUT RESEARCH ON THE USE OF COMPUTERS IN THE HEALTH SCIENCES.

A PROJECT IS BEING CONSIDERED BY THE UNITED NATIONS DEVELOPMENT PROGRAM, SPECIAL FUND. THE PROJECT WOULD LAST FOR FIVE YEARS AND COST APPROXIMATELY FIVE MILLION DOLLARS.

		1	1	1	1		WR	26,131	26,991	26,093	27,805
TOTAL		1	1	1	1	TOTAL					
P-4 SYSTEMS ANALYST 4,3199	WR	1	1	1	1	PERSONNEL-POSTS		19,642	20,691	21,193	22,905
TOTAL		2	2	1	1	DUTY TRAVEL		3,440	3,500	3,500	3,500
FELLOWSHIPS-SHORT TERM	WR	2	2	1	1	FELLOWSHIPS		3,049	2,800	1,400	1,400

ARGENTINA-4300, MENTAL HEALTH

THE NATIONAL INSTITUTE OF MENTAL HEALTH IS CURRENTLY IN THE PROCESS OF IMPLEMENTING ITS NATIONAL MENTAL HEALTH PROGRAM. SPECIAL EMPHASIS IS PUT ON THE MODERNIZATION OF THE SYSTEM OF CARE, THROUGH THE DECENTRALIZATION OF PSYCHIATRIC SERVICES AND THE PROVISION OF SPECIALIZED SERVICES IN GENERAL HOSPITALS, DAY CARE UNITS, AND REHABILITATION CENTERS. OTHER ACTIVITIES CARRIED ON BY THE PLAN ARE TRAINING OF PERSONNEL AND EPIDEMIOLOGICAL RESEARCH.

IN 1969, FIVE PSYCHIATRIC HOSPITALS, SEVENTEEN CLINICS IN OTHER HOSPITALS, TWO CENTERS IN THE METROPOLITAN AREA, TWO REHABILITATION COLONIES IN THE PROVINCES, AND TWO SPECIAL HOMES FOR THE MENTALLY RETARDED WERE OPENED.

		1	1	1	1		PR	-	42,014	31,337	32,931
TOTAL		1	1	1	1	TOTAL					
P-4 MEDICAL OFFICER .3307	PR	1	1	1	1	PERSONNEL-POSTS		-	15,714	20,837	22,431
TOTAL		-	10	2	2	PERSONNEL-CONSULTANTS		-	18,000	3,600	3,600
CONSULTANT MONTHS	PR	-	10	2	2	DUTY TRAVEL		-	1,500	1,500	1,500
TOTAL		-	3	2	2	FELLOWSHIPS		-	6,800	5,400	5,400
FELLOWSHIPS-ACADEMIC	PR	-	1	1	1	EST. GOVERNMENT CONTRIB.			15,000,000	15,000,000	15,000,000
FELLOWSHIPS-SHORT TERM	PR	-	2	1	1						

ARGENTINA-4303, FAMILY INTERACTION AND SCHIZOPHRENIA

THE FOUNDATIONS' FUND FOR RESEARCH IN PSYCHIATRY, YALE UNIVERSITY, MADE AVAILABLE THROUGH THE ORGANIZATION A RESEARCH GRANT ENTITLED "FAMILY INTERACTION AND SCHIZOPHRENIA" THAT WAS CARRIED OUT THROUGH THE PSYCHOPATHOLOGY SERVICE OF THE LANUS HOSPITAL, BUENOS AIRES.

. . . CONTINUED

ARGENTINA-4303, FAMILY INTERACTION AND SCHIZOPHRENIA . . . CONTINUED

<u>FUND 1969 1970 1971 1972</u>					<u>FUND 1969 1970 1971 1972</u>					
<u>-----</u>					<u>-----</u>					
					<u>\$</u>					
<u>TOTAL</u>					PG	4,688	--	--	--	--
<u>LOCAL COSTS</u>						4,688	--	--	--	--

ARGENTINA-4400, DENTAL HEALTH

SINCE 1969 THE ORGANIZATION HAS COLLABORATED WITH THE MINISTRY OF SOCIAL WELFARE OF BUENOS AIRES PROVINCE IN THE REORGANIZATION OF THE DENTAL DIVISION AND IN THE FORMULATION AND DEVELOPMENT OF A DENTAL HEALTH PROGRAM, INCLUDING TRAINING OF AUXILIARY PERSONNEL, TO INCREASE THE EFFECTIVENESS OF DENTAL SERVICES.

<u>TOTAL</u>					<u>TOTAL</u>					
<u>-----</u>					<u>-----</u>					
					<u>PR</u>					
		1	--	--		4,021	--	--	--	--
CONSULTANT MONTHS	PR	1	--	--	PERSONNEL-CONSULTANTS	4,021	--	--	--	--

ARGENTINA-4500, RADIATION PROTECTION

THE MINISTRY OF HEALTH, WITH THE ASSISTANCE OF THE ORGANIZATION, IS DEVELOPING A RADIATION PROTECTION PROGRAM ON A NATIONAL SCALE. IT WILL INCLUDE FORMULATION OF THE NECESSARY PROCEDURES AND REGULATIONS, ORGANIZATION AND STAFFING OF A RADIATION CONTROL SERVICE IN THE MINISTRY, COLLABORATION WITH THE NATIONAL ATOMIC ENERGY COMMISSION, AND ESTABLISHMENT OF COURSES TO TRAIN THE NECESSARY PERSONNEL.

<u>TOTAL</u>					<u>TOTAL</u>					
<u>-----</u>					<u>-----</u>					
					<u>PR</u>					
		--	1	1		2,600	3,800	5,200	2,800	
CONSULTANT MONTHS	PR	--	1	1	PERSONNEL-CONSULTANTS	--	1,800	1,800	1,800	
		--	--	1	SUPPLIES AND EQUIPMENT	2,600	2,000	2,000	1,000	
		--	--	--	FELLOWSHIPS	--	--	1,400	--	
FELLOWSHIPS-SHORT TERM	PR	--	--	1	EST. GOVERNMENT CONTRIB.		( 81,000 )	( 81,000 )	( 81,000 )	

ARGENTINA-4600, INDUSTRIAL HYGIENE

THE GOVERNMENT OF ARGENTINA, WITH THE COLLABORATION OF THE ORGANIZATION, HAS COMPLETED A SURVEY OF THE INDUSTRIAL ESTABLISHMENTS IN THE METROPOLITAN AREA OF BUENOS AIRES AND IS CONDUCTING SIMILAR SURVEYS IN THE OTHER LARGE INDUSTRIAL CITIES OF THE COUNTRY. IT IS EXPECTED THAT THESE SURVEYS WILL BE THE BASE FOR THE FORMULATION OF INDUSTRIAL HYGIENE AND SAFETY PROGRAMS TO BE DEVELOPED IN THE FUTURE IN SUCH CITIES. THE ORGANIZATION ALSO COLLABORATED WITH THE GOVERNMENT IN THE ESTABLISHMENT OF AIR SAMPLING STATIONS IN BUENOS AIRES AND OTHER CITIES AS PART OF THE LATIN AMERICAN SURVEILLANCE NETWORK ON AIR POLLUTION.

<u>TOTAL</u>					<u>TOTAL</u>					
<u>-----</u>					<u>-----</u>					
					<u>PR</u>					
		2	--	--		12,519	--	--	--	
FELLOWSHIPS-ACADEMIC	PR	1	--	--	SUBTOTAL	2,858	--	--	--	
FELLOWSHIPS-ACADEMIC	WR	1	--	--	FELLOWSHIPS	2,858	--	--	--	
					SUBTOTAL	9,661	--	--	--	
					SUPPLIES AND EQUIPMENT	2,324	--	--	--	
					FELLOWSHIPS	7,337	--	--	--	

ARGENTINA-4803, LATIN AMERICAN CENTER FOR MEDICAL ADMINISTRATION

ONE OF THE GRAVEST PROBLEMS THAT THE ADMINISTRATION OF MEDICAL SERVICES FACES IN THE COUNTRIES OF LATIN AMERICA IS THE IMBALANCE THAT EXISTS IN MOST OF THEM BETWEEN THE GROWING DEMAND FOR SERVICES AND THE INSUFFICIENCY OF RESOURCES TO MEET THIS DEMAND. THE PROBLEM IS BEING AGGRAVATED BY THE UNDER-UTILIZATION OF AVAILABLE RESOURCES.

TO MEET THE NEEDS OF THE REPUBLIC OF ARGENTINA AND SUBSEQUENTLY OF OTHER LATIN AMERICAN COUNTRIES, A CENTER FOR THE ADMINISTRATION OF MEDICAL SERVICES (CLAM), WAS ESTABLISHED IN 1967 IN BUENOS AIRES. COLUMBIA UNIVERSITY SCHOOL OF PUBLIC HEALTH AND ADMINISTRATIVE MEDICINE HAS JOINED IN AND IS CONTRIBUTING TO THE DEVELOPMENT OF TECHNICAL SERVICES AT THE CENTER.

THE CENTER IS DEVELOPING ADVANCED EDUCATION AND CONTINUING EDUCATION PROGRAMS IN ADMINISTRATION OF MEDICAL SERVICES AND IS CARRYING OUT RESEARCH ON THE UTILIZATION OF HEALTH SERVICES, THE DEVELOPMENT OF HUMAN RESOURCES, AND THE FINANCING OF MEDICAL CARE SERVICES.

. . . CONTINUED



ARGENTINA-4803, LATIN AMERICAN CENTER FOR MEDICAL ADMINISTRATION . . . CONTINUED

					FUND	1969	1970	1971	1972	
						\$	\$	\$	\$	
TOTAL		6	6	6	6	TOTAL	158,681	331,992	323,575	329,346
P-5 MEDICAL OFFICER .3133	PR	1	1	1	1	SUBTOTAL	86,027	97,792	109,375	115,146
P-4 MEDICAL OFFICER .0900	PR	1	1	1	1					
P-3 MEDICAL RECORDS LIBRARIAN .3350	PR	1	1	1	1	PERSONNEL-POSTS	69,632	91,792	103,375	109,146
P-3 NURSE .3132 .3320	PR	2	2	2	2	DUTY TRAVEL	3,524	6,000	6,000	6,000
G-5 SECRETARY .3043	PR	1	1	1	1	SUPPLIES AND EQUIPMENT	4,301	-	-	-
						FELLOWSHIPS	8,570	-	-	-
TOTAL		2	6	6	6	SUBTOTAL	55,514	200,000	180,000	180,000
CONSULTANT MONTHS	WR	2	6	6	6	COURSE COSTS	6,193	-	-	-
TOTAL		4	14	14	14	SUPPLIES AND EQUIPMENT	3,958	5,720	5,720	5,720
FELLOWSHIPS-ACADEMIC	PR	1	-	-	-	FELLOWSHIPS	-	34,286	34,286	34,286
FELLOWSHIPS-SHORT TERM	PR	1	-	-	-	LOCAL COSTS	44,602	150,834	130,834	130,834
FELLOWSHIPS-SHORT TERM	PG	-	8	8	8	COMMON SERVICES	761	9,160	9,160	9,160
FELLOWSHIPS-SHORT TERM	WR	2	6	6	6	SUBTOTAL	17,140	34,200	34,200	34,200
						PERSONNEL-CONSULTANTS	4,436	10,800	10,800	10,800
						SUPPLIES AND EQUIPMENT	10,526	3,000	3,000	3,000
						FELLOWSHIPS	2,178	8,400	8,400	8,400
						GRANTS	-	12,000	12,000	12,000
						EST. GOVERNMENT CONTRIB.		( 270,000)	( 270,000)	( 270,000)

ARGENTINA-5000, REHABILITATION

THE PURPOSE OF THIS PROJECT HAS BEEN TO COOPERATE WITH THE NATIONAL COMMISSION ON REHABILITATION, AN AGENCY OF THE MINISTRY OF PUBLIC HEALTH, IN PROVIDING FURTHER TRAINING IN PROSTHESIS FOR TECHNICAL PERSONNEL, IN TRAINING SPECIALIZED WORKERS IN THE PRODUCTION OF ORTHOPEDIC DEVICES, AND IN DISSEMINATING INFORMATION ON NEW TECHNIQUES AND MATERIALS.

THE SCHOOL OF PROSTHETICS AND ORTHETICS WAS REORGANIZED, MODERNIZED, AND EXPANDED, AND 88 TECHNICIANS AND OPERATORS HAVE COMPLETED THEIR TRAINING.

					TOTAL	WT	21,871	3,700	-	-
TOTAL		1	-	-	-	TOTAL	21,871	3,700	-	-
P-3 PROSTHETICS TECHNICIAN 4.2159	WT	1	-	-	-	PERSONNEL-POSTS	21,871	-	-	-
						FELLOWSHIPS	-	3,700	-	-
TOTAL		-	6	-	-					
FELLOWSHIPS-SHORT TERM	WT	-	6	-	-					

ARGENTINA-6100, SCHOOL OF PUBLIC HEALTH

THE PURPOSE OF THIS PROJECT IS TO STRENGTHEN THE SCHOOL OF PUBLIC HEALTH OF THE UNIVERSITY OF BUENOS AIRES FOR THE ADEQUATE PREPARATION OF PROFESSIONAL AND AUXILIARY HEALTH PERSONNEL TO MEET THE NEEDS OF HEALTH PROGRAMS.

SINCE ITS ESTABLISHMENT, THE SCHOOL HAS GRADUALLY DEVELOPED COURSES IN THE VARIOUS FIELDS OF PUBLIC HEALTH. IT IS NOW IN THE PROCESS OF DECENTRALIZING SOME OF ITS ACTIVITIES BY HOLDING COURSES AND SEMINARS IN THE INTERIOR OF THE COUNTRY.

					TOTAL	WR	25,641	25,400	25,800	25,800
TOTAL		1	2	3	3	TOTAL	25,641	25,400	25,800	25,800
CONSULTANT MONTHS	WR	1	2	3	3	PERSONNEL-CONSULTANTS	2,582	3,600	5,400	5,400
TOTAL		1	3	2	2	FELLOWSHIPS	8,059	6,800	5,400	5,400
FELLOWSHIPS-ACADEMIC	WR	1	1	1	1	GRANTS	15,000	15,000	15,000	15,000
FELLOWSHIPS-SHORT TERM	WR	-	2	1	1	EST. GOVERNMENT CONTRIB.		(1,000,000)	(1,000,000)	(1,000,000)

ARGENTINA-6200, MEDICAL EDUCATION

THERE ARE NINE SCHOOLS OF MEDICINE IN ARGENTINA, SEVEN PUBLIC AND TWO PRIVATE. THE OBJECTIVE OF THIS PROJECT IS TO STRENGTHEN AND EXPAND MEDICAL EDUCATION THROUGH ADEQUATE PLANNING, BETTER PEDAGOGICAL APPROACHES, AND RESEARCH ACTIVITIES. IT IS EXPECTED THAT THE MEDICAL SCHOOLS WILL BE GREATLY INVOLVED IN THE STUDY ON HEALTH MANPOWER THAT THE GOVERNMENT HAS UNDERTAKEN.

FUND 1969 1970 1971 1972					FUND 1969 1970 1971 1972						
-----					-----						
					WR						
					\$						
TOTAL		1	2	-	-	TOTAL	WR	10,443	9,200	5,600	5,600
CONSULTANT MONTHS	WR	1	2	-	-	PERSONNEL-CONSULTANTS		1,862	3,600	-	-
TOTAL		6	4	4	4	FELLOWSHIPS		8,581	5,600	5,600	5,600
FELLOWSHIPS-ACADEMIC	WR	1	-	-	-	EST. GOVERNMENT CONTRIB.		( 600,000)	( 600,000)	( 600,000)	
FELLOWSHIPS-SHORT TERM	WR	5	4	4	4						

ARGENTINA-6201, HEALTH MANPOWER STUDY

THE PURPOSE OF THIS PROJECT IS TO COLLABORATE WITH THE SECRETARY OF PUBLIC HEALTH AND THE ASSOCIATION OF FACULTIES OF MEDICINE IN THE SYSTEMATIC COLLECTION OF DATA ON THE STATUS OF HEALTH OF THE POPULATION, THE HUMAN AND MATERIAL RESOURCES AVAILABLE FOR MEDICAL CARE SERVICES, AND AN ESTIMATE OF THE UTILIZATION OF THESE RESOURCES BY THE COMMUNITY AND OF THE LEVEL OF TRAINING OF THE PERSONNEL PROVIDING THESE SERVICES. THIS SURVEY IS EXPECTED TO PROVIDE THE BASIS FOR A REALISTIC NATIONAL HEALTH POLICY AND THE FORMATION OF A TRAINING PLAN THAT WILL BE ORIENTED TOWARD CARRYING OUT THAT POLICY.

FUND 1969 1970 1971 1972					FUND 1969 1970 1971 1972						
-----					-----						
					WR						
					\$						
TOTAL		5	10	4	4	TOTAL	WR	38,421	57,400	22,700	22,700
CONSULTANT MONTHS	WR	5	10	4	4	PERSONNEL-CONSULTANTS		8,421	18,000	7,200	7,200
TOTAL		-	6	-	-	CONTRACTUAL SERVICES		30,000	30,000	15,000	15,000
FELLOWSHIPS-SHORT TERM	WR	-	6	-	-	SUPPLIES AND EQUIPMENT		-	1,000	500	500
						FELLOWSHIPS		-	8,400	-	-
						EST. GOVERNMENT CONTRIB.		( 350,000)	( 350,000)	( 350,000)	

ARGENTINA-6202, CENTER FOR BIOSTATISTICS AND DEMOGRAPHY

IN 1969, WITH THE SUPPORT OF THE SECRETARY OF PUBLIC HEALTH, A CENTER FOR BIOSTATISTICS AND DEMOGRAPHY WAS SET UP IN THE FACULTY OF MEDICINE OF BUENOS AIRES TO MEET URGENT NEEDS FOR TRAINING IN BIOSTATISTICS. ITS ULTIMATE PURPOSE IS TO TRAIN TEACHING AND RESEARCH PERSONNEL, TO PROVIDE ADVISORY SERVICES ON BIOSTATISTICS AND DEMOGRAPHIC ANALYSIS, AND TO CARRY OUT RESEARCH. SHORT COURSES WERE GIVEN FOR 73 PHYSICIANS AND RESEARCH WORKERS AND FOR 20 TEACHERS OF STATISTICS IN THE FACULTY OF MEDICINE OF BUENOS AIRES. A SURVEY OF THE TEACHING OF STATISTICS WAS INITIATED IN ORDER TO PREPARE STANDARDS FOR STATISTICS COURSES IN OTHER SCHOOLS OF MEDICINE IN THE COUNTRY AND TO TRAIN PERSONNEL IN BIOSTATISTICS AND DEMOGRAPHY FOR SIMILAR CENTERS IN OTHER SCHOOLS.

FUND 1969 1970 1971 1972					FUND 1969 1970 1971 1972						
-----					-----						
					PR						
					\$						
TOTAL		1	1	1	1	TOTAL	PR	10,155	7,100	3,700	11,300
CONSULTANT MONTHS	PR	1	1	1	1	PERSONNEL-CONSULTANTS		1,865	1,800	1,800	1,800
TOTAL		1	2	1	1	SUPPLIES AND EQUIPMENT		-	2,500	500	500
FELLOWSHIPS-ACADEMIC	PR	1	-	-	1	FELLOWSHIPS		8,290	2,800	1,400	4,000
FELLOWSHIPS-SHORT TERM	PR	-	2	1	-	GRANTS		-	-	-	5,000
						EST. GOVERNMENT CONTRIB.		( 25,000)	( 25,000)	( 25,000)	

ARGENTINA-6203, FACULTY TRAINING PROGRAM

THE PURPOSE OF THIS PROJECT IS TO COOPERATE IN THE ORGANIZATION AND DEVELOPMENT OF FACULTY TRAINING PROGRAMS IN BUENOS AIRES FOR THE STAFFS OF FACULTIES OF MEDICINE.

FUND 1969 1970 1971 1972					FUND 1969 1970 1971 1972						
-----					-----						
					WR						
					\$						
TOTAL		-	3	5	5	TOTAL	WR	-	13,200	14,200	18,200
CONSULTANT MONTHS	WR	-	3	5	5	PERSONNEL-CONSULTANTS		-	5,400	9,000	9,000
TOTAL		-	3	3	4	SUPPLIES AND EQUIPMENT		-	1,000	1,000	1,000
FELLOWSHIPS-ACADEMIC	WR	-	1	-	1	FELLOWSHIPS		-	6,800	4,200	8,200
FELLOWSHIPS-SHORT TERM	WR	-	2	3	3						

ARGENTINA-6300, NURSING EDUCATION

THE OBJECTIVES OF THIS PROJECT ARE TO CONSOLIDATE THE PROGRAMS OF TRAINING FOR DIPLOMAS IN NURSING AND NURSING OBSTETRICS, INITIATED IN 1968, AND TO COLLABORATE IN THE CREATION AND REORGANIZATION OF NURSING SCHOOLS AND IN POST-BASIC TRAINING PROGRAMS.

<u>FUND 1969 1970 1971 1972</u>					<u>FUND 1969 1970 1971 1972</u>					
TOTAL		1	-	-	TOTAL	PR	18,142	-	-	-
P-3 NURSE .0323	PR	1	-	-	PERSONNEL-POSTS DUTY TRAVEL		16,814 1,328	-	-	-

ARGENTINA-6400, SANITARY ENGINEERING EDUCATION

SINCE 1967 THE SCHOOL OF SANITARY ENGINEERING OF THE UNIVERSITY OF BUENOS AIRES HAS PROVIDED TWO POSTGRADUATE COURSES FOR ENGINEERS DESIRING TO SPECIALIZE IN WATER SUPPLY AND WASTE DISPOSAL AND IN PUBLIC HEALTH ENGINEERING. IN COLLABORATION WITH OTHER INSTITUTIONS, SHORT INTENSIVE COURSES OF TRAINING IN THE SOLUTION OF THE COUNTRY'S MOST PRESSING SANITATION PROBLEMS ARE ORGANIZED AND CONDUCTED. THE SCHOOLS CARRIES OUT RESEARCH IN SANITARY ENGINEERING AND IN 1968 WAS RAISED TO THE ACADEMIC STATUS OF INSTITUTE OF SANITARY ENGINEERING.

THE PURPOSE OF THIS PROJECT IS TO COLLABORATE WITH THE INSTITUTE AND HELP OTHER UNIVERSITIES IN THE PROVINCES TO STRENGTHEN THEIR TEACHING OF SANITARY ENGINEERING SUBJECTS IN THE SCHOOLS OF ENGINEERING. THE PROGRAM NOW HAS BEEN EXTENDED TO THE UNIVERSITIES OF ROSARIO AND CUYO AND WILL INCLUDE THE SEVEN NATIONAL UNIVERSITIES IN THE INTERIOR BY 1972. THROUGH 1968 THE INSTITUTE HAS TRAINED 93 SANITARY ENGINEERS SPECIALIZED IN WATER SUPPLY AND DISPOSAL AND 22 ENGINEERS IN PUBLIC HEALTH, HAS GIVEN 19 SHORT INTENSIVE COURSES AND SEMINARS, AND HAS WORKED ON FOUR RESEARCH PROJECTS.

<u>2 2 2 2</u>					<u>29,145 23,400 23,400 23,400</u>					
TOTAL		2	2	2	TOTAL	PR	29,145	23,400	23,400	23,400
FELLOWSHIPS-ACADEMIC	PR	1	1	1	SUPPLIES AND EQUIPMENT		6,625	6,000	6,000	6,000
FELLOWSHIPS-SHORT TERM	PR	1	1	1	FELLOWSHIPS		4,090	5,400	5,400	5,400
					GRANTS		18,430	12,000	12,000	12,000
					EST. GOVERNMENT CONTRIB.			( 133,000)	( 133,000)	( 133,000)

ARGENTINA-6500, VETERINARY MEDICINE EDUCATION

THE PURPOSE OF THIS PROJECT IS TO COOPERATE IN STRENGTHENING THE TEACHING OF VETERINARY MEDICINE IN THE UNIVERSITIES OF ARGENTINA THROUGH REVIEW AND REVISION OF THE ORGANIZATION, CURRICULA, AND TEACHING METHODS IN EXISTING SCHOOLS OF VETERINARY MEDICINE.

IN 1970, A STUDY IS TO BE COMPLETED ON THE FEASIBILITY OF CREATING A NEW SCHOOL IN THE UNIVERSITY OF CUYO IN CORDOBA.

<u>- 1 - -</u>					<u>- 10,000 - -</u>					
TOTAL		-	1	-	TOTAL	PR	-	10,000	-	-
CONSULTANT MONTHS	PR	-	1	-	PERSONNEL-CONSULTANTS		-	1,800	-	-
					FELLOWSHIPS		-	8,200	-	-
TOTAL		-	4	-						
FELLOWSHIPS-ACADEMIC	PR	-	1	-						
FELLOWSHIPS-SHORT TERM	PR	-	3	-						

ARGENTINA-6700, TRAINING OF STATISTICAL PERSONNEL

IN 1966, A STUDY OF THE NEED FOR STATISTICAL PERSONNEL SHOWED THAT OF 41 PROFESSIONALS REQUIRED, 15 WERE IN SERVICE; THAT OF 401 TECHNICIANS REQUIRED, 82 WERE IN SERVICE; AND THAT OF 7,125 AUXILIARIES NEEDED, 395 WERE IN SERVICE. PROFESSIONALS RECEIVE TRAINING ABROAD THROUGH FELLOWSHIPS, AND UNIVERSITY GRADUATES IN MATHEMATICAL STATISTICS RECEIVE IN-SERVICE TRAINING IN THE HEALTH SERVICES.

TO PREPARE THE TECHNICIANS REQUIRED, THE SCHOOL OF PUBLIC HEALTH OF THE UNIVERSITY OF BUENOS AIRES HAS BEEN PROVIDING TWO NINE-MONTH COURSES ANNUALLY AND PLANS TO TRAIN ABOUT 400 TECHNICIANS BETWEEN 1966 AND 1971. SOME ARE PREPARED FOR MEDICAL RECORDS AND STATISTICAL DEPARTMENTS IN HOSPITALS AND SOME FOR GENERAL HEALTH SERVICES. ONE OF THE COURSES WAS GIVEN IN THE CITY OF LA PLATA, PROVINCE OF BUENOS AIRES IN 1969, AND ANOTHER COURSE WILL BE GIVEN IN THE PROVINCE OF SANTA FE IN 1970. SHORT COURSES FOR AUXILIARIES ARE ALSO HELD IN THE PROVINCES.

<u>- - 1 1</u>					<u>6,237 9,500 20,988 25,263</u>					
TOTAL		-	-	1	TOTAL	PR	6,237	9,500	20,988	25,263
P-3 MEDICAL RECORDS LIBRARIAN .3612	PR	-	-	1	PERSONNEL-POSTS		-	-	13,588	17,863
					PERSONNEL-CONSULTANTS		1,237	-	-	-
TOTAL		1	-	-	DUTY TRAVEL		-	-	500	500
					SUPPLIES AND EQUIPMENT		-	500	500	500
CONSULTANT MONTHS	PR	1	-	-	FELLOWSHIPS		-	4,000	1,400	1,400
					GRANTS		5,000	5,000	5,000	5,000
TOTAL		-	1	1						
FELLOWSHIPS-ACADEMIC	PR	-	1	-						
FELLOWSHIPS-SHORT TERM	PR	-	-	1						

ARGENTINA  
PORTIONS OF INTERCOUNTRY PROJECTS

	1969	1970	1971	1972
	\$	\$	\$	\$
<b>TOTAL AMRD PROJECTS</b>	<b>418,628</b>	<b>450,508</b>	<b>448,099</b>	<b>498,337</b>
0106 EPIDEMIOLOGY -- ZONE VI	16,588	8,074	8,436	8,803
0111 EPIDEMIOLOGICAL SURVEILLANCE PROGRAM	-	-	-	1,402
0200 MALARIA TECHNICAL ADVISORY SERVICES	2,599	2,260	2,394	2,586
0217 FIELD INVESTIGATION OF MASS DRUG TREATMENT	158	-	-	-
0218 PROMOTION OF RURAL HLTH SERV AND ERADICATION CAMPAIGNS	3,183	2,438	2,761	5,582
0219 DATA PROCESSING & OPERATIONS RESEARCH IN MALARIA ERADICATION	-	869	1,658	2,693
0300 SMALLPOX ERADICATION	6,908	8,145	9,863	12,856
0306 SMALLPOX ERADICATION -- ZONE VI	23,250	13,503	14,360	12,913
0307 SEMINARS ON SMALLPOX ERADICATION	-	3,251	3,251	3,251
0400 TUBERCULOSIS CONTROL	359	1,291	2,711	4,359
0408 SEMINAR ON TUBERCULOSIS CONTROL	-	-	4,032	-
0409 COURSES ON TUBERCULOSIS - EPIDEMIOLOGY	623	1,699	2,133	2,133
0410 COURSES ON TUBERCULOSIS - BACTERIOLOGY	431	1,452	1,675	1,675
0500 LEPROSY CONTROL	819	1,175	1,319	1,514
0507 COURSES ON REHAB AND PREVENTION OF DEFORMITIES (LEPROSY)	-	-	-	2,762
0600 VENEREAL DISEASE CONTROL	127	510	180	540
0700 PAN AMERICAN ZOOZOSES CENTER	75,550	83,000	82,710	91,395
0708 RABIES CONTROL	-	-	-	675
0713 SEMINAR ON ANIMAL TUBERCULOSIS	-	2,079	-	-
0714 SYMPOS ON THE HLTH ASPECTS OF THE INTERNAL MOVMT OF ANIMALS	-	-	-	1,007
0716 SEMINAR ON RABIES VACCINE PRODUCTION AND CONTROL	3,042	-	-	-
0718 SEMINAR ON EPIDEMIOLOGY OF THE ZOOZOSES	-	-	-	3,550
1008 CHAGAS' DISEASE	6	1,531	1,800	3,000
1010 STUDY GROUP ON CHAGAS' DISEASE	1,682	-	-	-
2100 ENVIRONMENTAL SANITATION	139	353	353	604
2106 SANITARY ENGINEERING -- ZONE VI	10,055	10,971	11,439	11,914
2112 AIR POLLUTION CONFERENCE	163	-	-	-
2114 PAN AMERICAN SANITARY ENGINEERING CENTER	4,791	8,273	10,471	11,189
2116 CONFERENCE ON INTEGRATION OF ENVIRONMENTAL PROGRAMS	-	-	-	1,647
2117 CONFERENCE ON ENVIRONMENTAL RESEARCH	-	-	2,561	-
2200 WATER SUPPLIES	15,213	6,993	10,968	11,645
2213 STUDIES AND INVESTIGATIONS OF WATER RESOURCES	487	1,144	1,354	1,354
2214 SEMINAR ON WATER POLLUTION CONTROL	-	1,668	-	-
2215 APPLIED RESEARCH ON WATER SUPPLIES	579	-	250	500
2220 PUBLIC SERVICES ADMINISTRATION	-	1,986	2,121	2,273
2222 SEMINAR ON LOANS & PROJECT DEVELOPMENT	-	-	-	2,914
2223 SEMINARS ON PUBLIC SERVICES ADMINISTRATION	-	-	-	459
2224 CONFERENCE ON RECENT ADVANCES IN WATER TREATMENT	-	-	-	3,436
2400 PUBLIC HEALTH ASPECTS OF HOUSING AND URBANIZATION	-	211	220	228
3110 COORDINATION OF INTERNATIONAL RESEARCH	2,033	1,254	1,374	1,762
3122 DEVELOPMENT OF RIO PLATA BASIN	12,794	14,493	16,186	22,697
3124 APPLICATION OF DATA PROCESSING TO HEALTH ADMINISTRATION	395	-	-	-
3126 OPERATIONS RESEARCH	-	2,531	2,531	2,531
3129 RESEARCH TRAINING IN BIOMEDICAL SCIENCES	-	1,664	1,664	832
3130 CONFERENCE ON MYCOLOGY	-	1,131	-	-
3200 NURSING SERVICES	254	867	922	1,214
3206 NURSING -- ZONE VI	6,016	11,036	10,093	10,536
3210 HOSPITAL NURSING SERVICES	27	958	1,173	1,240
3211 SEMINAR ON PLANNING FOR NURSING	-	945	-	-
3300 LABORATORY SERVICES	416	685	503	503
3306 LABORATORY SERVICES -- ZONE VI	-	-	3,491	5,924
3310 CONFERENCE ON VIRAL AND RICKETTSIAL VACCINES	-	1,407	-	-
3311 TRAINING LABORATORY PERSONNEL	-	776	606	667
3400 HEALTH EDUCATION	59	249	373	373
3407 COMMUNITY DEVELOPMENT TRAINING CENTER	1,231	1,123	1,217	1,192
3408 CONFERENCE ON POSTGRADUATE TRAINING IN HEALTH EDUCATION	5,010	-	-	-
3409 STUDY GROUP ON HEALTH EDUCATION AND PLANNING	1,060	-	-	-
3410 TRAINING OF TEACHERS IN HEALTH EDUCATION	-	2,172	1,544	1,544
3500 HEALTH STATISTICS	14	-	354	310
3506 HEALTH STATISTICS -- ZONE VI	19,403	18,068	18,913	19,769
3513 INTER-AMER. INVES. OF MORTALITY, IN CHILDHOOD	58,101	46,857	19,297	4,970
3515 CENTER FOR TRAINING IN USE OF COMPUTERS IN HEALTH STATISTICS	-	-	360	360
3516 REGIONAL SEMINAR ON DATA PROCESSING	-	758	-	-
3600 ADMINISTRATIVE METHODS AND PRACTICES IN PUBLIC HEALTH	1,596	1,537	1,571	2,216
3606 ADMINISTRATIVE METHODS AND PRACTICES - ZONE VI	5,499	5,894	6,116	6,338
3607 MANAGEMENT OF HEALTH SERVICES	-	-	5,094	5,094
3700 HEALTH PLANNING	2,103	4,201	3,909	4,081
3706 HEALTH PLANNING - ZONE VI	10,400	9,469	8,597	7,635
3715 PAN AMERICAN PROGRAM FOR HEALTH PLANNING	16,743	50,544	40,305	37,965
4100 MATERNAL AND CHILD HEALTH	64	401	438	1,451

## ARGENTINA - PORTIONS OF INTERCOUNTRY PROJECTS . . . CONTINUED

4108	CLINICAL AND SOCIAL PEDIATRICS	761	1,311	1,311	1,311
4109	NURSING MIDWIFERY	6,544	11,875	13,613	14,295
4115	NURSING-MIDWIFERY EDUCATION	615	-	-	-
4116	FACULTY TRAINING IN MATERNAL AND CHILD HEALTH	-	-	2,222	-
4117	STAFFING MATERNAL AND CHILD HEALTH SERVICES	-	282	282	-
4118	STUDY GROUP ON GUIDE FOR NURSING-MIDWIFERY SERVICES	-	-	-	1,245
4119	MATERNAL AND CHILD HEALTH FELLOWSHIPS	-	1,626	696	870
4122	DEVELOPMENT OF RHEUMATIC FEVER PROGRAMS	-	-	-	576
4200	NUTRITION ADVISORY SERVICES	261	390	592	605
4203	INSTITUTE OF NUTRITION OF CENTRAL AMERICA AND PANAMA	8,766	7,178	7,038	7,420
4211	RESEARCH IN PROTEIN-CALORIE MALNUTRITION	-	-	264	264
4221	SEMINAR ON NUTRITION IN FOOD AND HEALTH POLICIES	146	-	202	202
4223	NUTRITION EDUCATION MATERIAL	781	-	-	-
4225	GRADUATE COURSE IN PUBLIC HEALTH NUTRITION	-	2,854	3,148	3,123
4228	CONFERENCE ON ENDEMIC GOITER CONTROL	156	-	-	-
4230	NUTRITION TRAINING	1,298	1,879	1,949	2,453
4233	NUTRITION TEACHING IN MEDICAL SCHOOLS	-	-	563	563
4238	NUTRITION RESEARCH	-	360	360	360
4300	MENTAL HEALTH	418	450	-	900
4311	STUDY GROUP ON ADM. OF PSYCHIATRIC & MENTAL HEALTH SERVICES	2,988	-	-	-
4312	COURSES IN COMMUNITY PSYCHIATRY	-	-	-	1,480
4313	PSYCHIATRIC NURSING	-	-	-	9,335
4315	STUDY GROUP ON TRAINING PSYCHIATRISTS	-	-	-	605
4400	DENTAL HEALTH	620	542	542	912
4409	FLUORIDATION	3,677	3,487	3,223	3,122
4410	LABORATORY FOR CONTROL OF DENTAL PRODUCTS	-	-	515	1,030
4500	HEALTH ASPECTS OF RADIATION	-	-	-	872
4507	RADIATION HEALTH PROTECTION	1,429	1,341	1,373	1,404
4509	RADIATION SURVEILLANCE	16	200	200	200
4514	NUCLEAR MEDICINE	-	-	-	1,950
4700	FOOD AND DRUG CONTROL	1,522	1,613	1,673	1,734
4708	FOOD HYGIENE TRAINING CENTER	-	-	1,252	1,802
4711	FOOD AND DRUG CONTROL SEMINAR	-	1,484	-	-
4800	MEDICAL CARE SERVICES	1,090	861	1,199	1,221
4810	CHRONIC DISEASES	1,011	1,243	1,296	1,350
4813	HOSPITAL PLANNING AND ADMINISTRATION	1,165	278	2,446	2,488
4815	TRAINING FOR MEDICAL CARE AND HOSPITAL ADMINISTRATION	11,313	7,171	1,104	1,288
4819	SEMINAR ON CANCER REGISTRATION	645	-	-	-
4900	HEALTH AND POPULATION DYNAMICS	6,583	14,700	13,544	10,374
5000	REHABILITATION	745	1,681	2,477	2,441
5007	TEACHING OF PHYSIOTHERAPY	2,138	-	-	-
5008	SEMINAR ON REHABILITATION	-	1,245	-	-
6000	MEDICAL EDUCATION - TEXTBOOKS AND TEACHING	32,005	15,105	15,104	18,124
6100	SCHOOLS OF PUBLIC HEALTH	3,086	5,094	4,497	5,160
6107	SEMINARS ON SCHOOLS OF PUBLIC HEALTH	959	-	1,955	-
6200	MEDICAL EDUCATION	682	611	589	609
6208	TEACHING OF STATISTICS IN MEDICAL SCHOOLS	1,242	1,260	-	1,188
6210	TEACHING METHODS AND ADMIN ORGANIZATION OF MED SCHS	2,250	4,385	4,895	5,111
6214	FACULTY TRAINING FOR MEDICAL SCHOOLS	-	1,740	-	-
6216	PREVENTIVE MEDICINE EDUCATION	2,620	2,084	1,685	1,756
6221	LIBRARY OF MEDICINE	-	-	7,242	9,524
6222	SEMINAR ON TEACHING PREVENTIVE AND SOCIAL MEDICINE	-	943	-	-
6223	TEACHING OF BEHAVIORAL SCIENCES	343	528	7,528	7,528
6224	FACULTY AND RESEARCH TRAINING CENTERS	-	1,136	898	898
6225	SURVEY OF FELLOWSHIP PROGRAMS	-	-	253	-
6226	COMMUNITY-CENTERED RESEARCH IN MEDICAL EDUCATION	-	-	-	1,039
6300	NURSING EDUCATION	725	295	295	462
6317	SEMINAR ON NURSING EDUCATION	-	-	1,936	1,936
6319	TRAINING OF NURSING AUXILIARIES	-	1,410	1,670	2,106
6400	SANITARY ENGINEERING EDUCATION	4,188	3,639	3,662	3,805
6412	MANAGEMENT AND ADMINISTRATION OF SCHOOLS OF ENGINEERING	-	-	-	1,361
6500	VETERINARY MEDICINE EDUCATION	-	794	794	856
6600	DENTAL EDUCATION	706	319	627	643
6608	TRAINING OF AUXILIARY DENTAL PERSONNEL	163	292	292	558
6609	LATIN AMERICAN ASSOCIATION OF DENTAL SCHOOLS	700	700	700	700
6700	BIOSTATISTICS EDUCATION	300	1,020	1,020	1,020
6707	LATIN AMERICAN CENTER FOR THE CLASSIFICATION OF DISEASES	885	1,012	1,187	1,216
6708	TRAINING PROGRAM IN HOSPITAL STATISTICS	1,480	2,303	2,535	2,659
6709	RESEARCH TRAINING PROGRAMS IN HEALTH AND POPULATION	1,436	-	-	-

ARGENTINA  
SUMMARY OF INVESTMENTS BY SOURCE OF FUNDS

SOURCE OF FUNDS	*-----COUNTRY PROJECTS-----*				*-----PORTIONS OF INTER-COUNTRY PROJECTS-----*			
	1969	1970	1971	1972	1969	1970	1971	1972
TOTAL FUNDS	954,372	1,168,973	945,763	709,392	418,628	450,508	448,099	498,337
PR PAHO REGULAR	317,468	392,317	326,183	355,087	207,611	205,620	205,559	242,838
PM PAHO SPECIAL MALARIA	-	-	-	-	1,263	-	-	-
PG PAHO GRANTS & OTHER CONTRIB.	60,202	200,000	180,000	180,000	128,594	126,895	95,496	83,802
WR WHO REGULAR	271,678	284,456	251,524	174,305	64,964	69,729	96,277	123,008
WT WHO TECHNICAL ASSISTANCE	41,580	17,700	-	-	787	2,164	14,996	14,996
WS UNITED NATIONS SPECIAL FUND	303,444	274,500	188,056	-	15,297	45,984	35,645	33,555
WC WHO GRANTS & OTHER FUNDS	-	-	-	-	112	116	126	138

SOURCE OF FUNDS	*-----TOTAL ALL PROJECTS-----*			
	1969	1970	1971	1972
TOTAL FUNDS	1,413,000	1,619,481	1,393,862	1,207,729
PR PAHO REGULAR	525,079	597,937	531,742	597,925
PM PAHO SPECIAL MALARIA	1,263	-	-	-
PG PAHO GRANTS & OTHER CONTRIB.	188,796	326,895	275,496	263,802
WR WHO REGULAR	336,642	354,185	347,801	297,313
WT WHO TECHNICAL ASSISTANCE	42,367	19,864	14,996	14,996
WS UNITED NATIONS SPECIAL FUND	318,741	320,484	223,701	33,555
WC WHO GRANTS & OTHER FUNDS	112	116	126	138

## CHILE

## PROGRAM BUDGET

1 9 6 9		1 9 7 0			1 9 7 1		1 9 7 2	
AMOUNT	PERCENT	AMOUNT	PERCENT		AMOUNT	PERCENT	AMOUNT	PERCENT
\$		\$			\$		\$	
75,312	14.9	99,447	14.3	I. PROTECTION OF HEALTH	106,492	17.1	115,872	18.0
30,170	6.0	45,204	6.5	A. COMMUNICABLE DISEASES	47,043	7.6	48,875	7.6
2,765	.5	6,691	1.0	0100 GENERAL	2,812	.5	4,336	.7
6,907	1.4	15,074	2.2	0300 SMALLPOX	16,912	2.7	17,158	2.7
6,354	1.3	7,641	1.1	0400 TUBERCULOSIS	11,735	1.9	11,385	1.8
164	*	235	*	0500 LEPROSY	264	*	303	*
3,784	.8	3,710	.5	0600 VENEREAL DISEASES	6,580	1.1	3,340	.5
9,114	1.8	11,639	1.7	0700 ZOOZOSES	8,488	1.4	11,903	1.8
1,082	.2	214	*	1000 PARASITIC DISEASES	252	*	570	.1
45,142	8.9	54,243	7.8	B. ENVIRONMENTAL HEALTH	59,449	9.5	66,997	10.4
21,671	4.3	24,888	3.6	2100 GENERAL	28,229	4.5	29,634	4.6
23,407	4.6	28,266	4.0	2200 WATER SUPPLIES	30,093	4.8	36,198	5.6
64	*	1,089	.2	2400 HOUSING	1,127	.2	1,165	.2
342,477	68.0	441,901	63.2	II. PROMOTION OF HEALTH	401,988	64.1	405,693	62.3
160,517	31.9	194,844	27.9	A. GENERAL SERVICES	211,990	33.8	215,253	33.1
57,745	11.5	62,446	8.9	3100 GENERAL PUBLIC HEALTH	92,913	14.8	94,218	14.5
973	.2	10,721	1.5	3200 NURSING	11,009	1.8	11,803	1.8
1,668	.3	9,044	1.3	3300 LABORATORY	12,798	2.0	20,293	3.1
5,685	1.1	3,542	.5	3400 HEALTH EDUCATION	3,131	.5	3,105	.5
32,581	6.5	26,912	3.9	3500 STATISTICS	13,179	2.1	6,007	.9
27,213	5.4	24,951	3.6	3600 ADMINISTRATIVE METHODS	31,066	5.0	32,696	5.0
34,652	6.9	57,208	8.2	3700 HEALTH PLANNING	47,894	7.6	47,131	7.3
181,960	36.1	247,057	35.3	B. SPECIFIC PROGRAMS	189,998	30.3	190,440	29.2
20,846	4.1	44,000	6.3	4100 MATERNAL AND CHILD HEALTH	36,922	5.9	45,008	6.9
15,966	3.2	15,270	2.2	4200 NUTRITION	23,032	3.7	24,012	3.7
13,057	2.6	5,450	.8	4300 MENTAL HEALTH	9,680	1.5	8,434	1.3
6,054	1.2	5,088	.7	4400 DENTAL HEALTH	5,402	.9	7,987	1.2
8,115	1.6	7,340	1.0	4500 RADIATION AND ISOTOPES	4,471	.7	4,422	.7
44,754	8.9	41,744	6.0	4600 OCCUPATIONAL HEALTH	6,311	1.0	6,375	1.0
1,519	.3	3,096	.4	4700 FOOD AND DRUG	2,923	.5	3,533	.5
22,189	4.4	25,851	3.7	4800 MEDICAL CARE	28,416	4.5	39,148	6.0
32,401	6.4	44,496	6.4	4900 HEALTH AND POPULATION DYNAMICS	42,566	6.8	37,281	5.7
17,059	3.4	54,722	7.8	5000 REHABILITATION	30,275	4.8	14,240	2.2
85,770	17.1	159,185	22.5	III. DEVELOPMENT OF EDUCATIONAL INSTITUTIONS	117,602	18.8	127,934	19.7
5,492	1.1	11,494	1.6	6100 PUBLIC HEALTH	12,852	2.1	11,560	1.8
33,819	6.7	77,234	11.0	6200 MEDICINE	37,673	6.0	46,764	7.2
724	.1	1,702	.2	6300 NURSING	3,931	.6	4,534	.7
25,955	5.2	20,652	2.9	6400 ENVIRONMENTAL SCIENCES	24,845	4.0	26,389	4.1
6,499	1.3	4,503	.6	6500 VETERINARY MEDICINE	4,503	.7	4,535	.7
4,405	.9	16,320	2.3	6600 DENTISTRY	6,267	1.0	6,549	1.0
8,876	1.8	27,280	3.9	6700 BIOSTATISTICS	27,531	4.4	27,603	4.2
503,559	100.0	700,533	100.0	GRAND TOTAL	626,082	100.0	645,499	100.0

\* LESS THAN .05 PERCENT

## CHILE

## SUMMARY OF INVESTMENT

SOURCE OF FUNDS	TOTAL AMOUNT	*-----PERSONNEL-----*			*--DUTY--*	*---FELLOWSHIPS---		*---SEMINARS---	*SUPPLIES*	*--GRANTS--*		
		POSTS PROF.	LOCAL	STC MONTH	AMOUNT	TRAVEL AMOUNT	ACAD.	SHORT	AMOUNT	AND EQUIPMENT	AND OTHER	
	\$				\$			\$	\$	\$		
1969												
PAHO---PR	213,952	2	1	4	84,867	11,241	3	5	24,113	11,230	12,168	69,933
PG	101,485	-	-	-	22,993	2,087	-	-	3,770	4,783	16,179	51,673
WHO---WR	141,121	1	-	9	51,393	3,277	5	16	41,726	7,259	8,173	29,293
WT	25,741	-	-	9	9,754	46	3	3	8,441	-	-	7,500
WS	21,548	-	-	-	11,449	905	-	-	3,355	-	4,949	890
WD	112	-	-	-	112	-	-	-	-	-	-	-
TOTAL	503,559	3	1	22	180,568	17,556	11	24	81,405	23,272	41,469	159,289
PER CENT OF TOTAL	100.0				35.9	3.5			16.2	4.6	8.2	31.6
1970												
PAHO---PR	257,430	2	1	12	141,778	12,421	-	12	20,520	4,799	12,852	65,060
PG	157,597	-	-	-	24,727	1,761	-	-	8,427	2,331	72,228	48,123
WHO---WR	156,963	1	-	11	64,643	4,145	2	13	30,033	7,272	15,359	35,511
WT	82,444	-	-	19	47,390	66	3	-	22,900	-	4,588	7,500
WS	45,983	-	-	-	34,834	1,200	-	-	-	-	6,139	1,810
WD	116	-	-	-	116	-	-	-	-	-	-	-
TOTAL	700,533	3	1	42	313,488	19,593	5	25	81,880	14,402	113,166	158,004
PER CENT OF TOTAL	100.0				44.8	2.8			11.7	2.1	16.1	22.5
1971												
PAHO---PR	274,046	2	1	16	168,153	12,477	1	11	23,316	637	12,970	56,493
PG	42,924	-	-	-	21,358	1,607	-	-	7,238	78	2,333	10,310
WHO---WR	185,469	1	-	13	82,574	4,988	2	15	33,535	8,374	17,447	38,551
WT	87,873	-	-	10	35,697	402	3	9	43,890	-	384	7,500
WS	35,645	-	-	-	29,880	1,200	-	-	-	-	2,545	2,020
WD	125	-	-	-	125	-	-	-	-	-	-	-
TOTAL	626,082	3	1	39	337,787	20,674	6	35	107,979	9,089	35,679	114,874
PER CENT OF TOTAL	100.0				54.0	3.3			17.2	1.5	5.7	18.3
1972												
PAHO---PR	311,180	2	1	20	192,240	12,905	1	13	26,282	5,543	13,619	60,591
PG	31,142	-	-	-	17,901	1,155	-	-	3,223	117	1,653	7,093
WHO---WR	201,612	1	-	13	90,897	5,329	3	15	35,079	12,033	20,434	37,840
WT	71,873	-	-	7	29,697	402	1	9	33,890	-	384	7,500
WS	33,555	-	-	-	28,200	1,200	-	-	-	-	2,275	1,880
WD	137	-	-	-	137	-	-	-	-	-	-	-
TOTAL	649,499	3	1	40	359,072	20,991	5	37	98,474	17,693	38,365	114,904
PER CENT OF TOTAL	100.0				55.3	3.2			15.2	2.7	5.9	17.7

PAHO PR-REGULAR BUDGET  
 PM-SPECIAL FUND FOR MALARIA ERADICATION  
 PW-COMMUNITY WATER SUPPLY  
 PG-GRANTS AND OTHER CONTRIBUTIONS  
 PI-INCAP AND OTHER RELATED GRANTS

WHO WR-REGULAR BUDGET  
 WA-MALARIA ERADICATION SPECIAL ACCOUNT  
 WT-UNITED NATIONS TECHNICAL ASSISTANCE  
 WS-UNITED NATIONS SPECIAL FUND  
 WD-GRANTS AND OTHER FUNDS



DETAILCHILE-0300, SMALLPOX ERADICATION

THE PURPOSE OF THIS PROJECT IS TO MAINTAIN AT A MINIMUM OF 80 PER CENT THE LEVEL OF THE POPULATION IMMUNIZED AGAINST SMALLPOX; TO DEVELOP AN EPIDEMIOLOGICAL SURVEILLANCE SERVICE TO COVER THE ENTIRE COUNTRY; TO PRODUCE VACCINE IN SUFFICIENT QUANTITY TO MEET THE NEEDS OF THE COUNTRY; AND TO TRAIN PERSONNEL FOR CARRYING OUT MAINTENANCE OF THE VACCINATION PROGRAM.

<u>FUND 1969 1970 1971 1972</u>					<u>FUND 1969 1970 1971 1972</u>					
<u>TOTAL</u>					WR	-	5,000	5,000	-	
SUPPLIES AND EQUIPMENT						-	5,000	5,000	-	

CHILE-0400, TUBERCULOSIS CONTROL

THE MORTALITY RATE IN 1968 FROM TUBERCULOSIS IN CHILE WAS ESTIMATED AT 33.7 PER 100,000 POPULATION.

THE OBJECTIVE OF THIS PROJECT IS TO ASSIST THE GOVERNMENT IN DEVELOPING A NATIONWIDE TUBERCULOSIS PROGRAM AS PART OF THE HEALTH SERVICES. AS A START, A DEMONSTRATION AREA WAS ORGANIZED IN THE TOWN OF LA CISTERNA IN ORDER TO OBTAIN EPIDEMIOLOGICAL INFORMATION, TO INSTITUTE AND EVALUATE PRACTICAL METHODS OF TUBERCULOSIS CONTROL, AND TO TRAIN MEDICAL AND AUXILIARY PERSONNEL FOR THE EXTENSION OF THE PROGRAM TO OTHER AREAS OF THE COUNTRY.

IN 1968, 499,749 EXAMINATIONS WERE GIVEN TO POPULATION GROUPS LIVING IN AREAS WHERE THE DISEASE WAS MORE PREVALENT. THE NUMBER OF LABORATORIES FOR THE DIAGNOSIS OF TUBERCULOSIS IN THE NATIONAL NETWORK WAS INCREASED; THE CONTROLLED TREATMENT OF AMBULATORY CASES WAS EXTENDED; EFFORTS TO INCREASE THE EFFECTIVENESS OF THE BACTERIOLOGICAL INVESTIGATIONS WERE INTENSIFIED; AND THE VACCINATION OF ELEMENTARY EDUCATION STUDENTS WAS INCREASED BY 52 PER CENT.

<u>TOTAL</u>		-	1	1	1	<u>TOTAL</u>	PR	4,943	3,200	3,200	3,200
CONSULTANT MONTHS	PR	-	1	1	1	PERSONNEL-CONSULTANTS		-	1,800	1,800	1,800
<u>TOTAL</u>		2	1	1	1	FELLOWSHIPS		4,943	1,400	1,400	1,400
FELLOWSHIPS-SHORT TERM	PR	2	1	1	1	EST. GOVERNMENT CONTRIB.			( 200,000)	( 200,000)	( 200,000)

CHILE-0600, VENEREAL DISEASE CONTROL

THE OBJECTIVE OF THIS PROJECT IS TO REDUCE THE MORBIDITY AND MORTALITY FROM VENEREAL DISEASES IN FIVE PROVINCES OF THE COUNTRY AND TO SET UP A DEMONSTRATION AREA TO TRAIN MEDICAL AND PARAMEDICAL PERSONNEL FROM CHILE AND OTHER COUNTRIES IN VENEREAL DISEASE CONTROL METHODS.

<u>TOTAL</u>		2	1	2	-	<u>TOTAL</u>	WR	3,660	3,200	6,400	2,800
CONSULTANT MONTHS	WR	2	1	2	-	PERSONNEL-CONSULTANTS		3,660	1,800	3,600	-
<u>TOTAL</u>		-	1	2	2	FELLOWSHIPS		-	1,400	2,800	2,800
FELLOWSHIPS-SHORT TERM	WR	-	1	2	2	EST. GOVERNMENT CONTRIB.			( 30,000)	( 30,000)	( 30,000)

CHILE-2100, ENVIRONMENTAL SANITATION

THE OBJECTIVE OF THIS PROJECT IS TO ASSIST THE COUNTRY IN DEFINING AND DRAWING UP PROGRAMS TO MEET THE MOST PRESSING ENVIRONMENTAL SANITATION NEEDS, SUCH AS RURAL AND URBAN WATER SUPPLY, SEWERAGE, SEWAGE TREATMENT AND DISPOSAL, WATER AND AIR POLLUTION, HOUSING AND URBANIZATION, AND INDUSTRIAL HYGIENE. OTHER ENVIRONMENTAL SANITATION PROBLEMS INCLUDE FOOD AND MILK SANITATION, VECTOR CONTROL, AND SOLID WASTES COLLECTION AND DISPOSAL.

IN EACH OF THESE FIELDS THE ORGANIZATION ALSO COOPERATES WITH AGENCIES OF THE GOVERNMENT, WITH UNIVERSITIES, AND WITH OTHER INSTITUTIONS IN THE TRAINING OF PERSONNEL.

<u>TOTAL</u>		1	1	1	1	<u>TOTAL</u>	WR	25,341	29,642	27,959	29,268
P-4 SANITARY ENGINEER 4,2094	WR	1	1	1	1	PERSONNEL-POSTS		22,504	24,342	24,059	23,968
<u>TOTAL</u>		3	2	1	2	DUTY TRAVEL		2,126	2,000	2,000	2,000
FELLOWSHIPS-SHORT TERM	WR	3	2	1	2	SUPPLIES AND EQUIPMENT		-	500	500	500
						FELLOWSHIPS		711	2,800	1,400	2,800
						EST. GOVERNMENT CONTRIB.			( 500,000)	( 600,000)	( 600,000)

CHILE-2200, WATER SUPPLIES

IN 1968, IT WAS ESTIMATED THAT OF THE 10,300,000 POPULATION, 5,920,000 (240,000 IN RURAL AREAS) HAD WATER SUPPLY SERVICES, EITHER FROM HOUSE CONNECTIONS OR EASY ACCESS TO PUBLIC OUTLETS.

INTERNATIONAL LOANS, AMOUNTING TO \$29,700,000 AND MATCHED BY \$21,000,000 OF NATIONAL FUNDS, HAVE BEEN PROVIDED SINCE THE START OF THE ALLIANCE FOR PROGRESS DECADE FOR THE EXPANSION OF WATER SUPPLIES TO SOME 2,200,000 INHABITANTS. IN 1967, THE GOVERNMENT ESTIMATED THAT DURING THE REMAINDER OF THE DECADE (1967-1971) IT WOULD ALLOCATE \$128 MILLION TO PROVIDE 1) IN THE URBAN AREAS 66 PER CENT OF THE POPULATION WITH WATER SUPPLY SERVICES THROUGH HOUSE CONNECTIONS AND 40 PER CENT OF THE POPULATION WITH SEWERAGE SERVICES AND 2) IN THE RURAL AREAS 27 PER CENT OF THE POPULATION WITH WATER SUPPLY SERVICES BY HOUSE CONNECTIONS OR PUBLIC HYDRANTS AND 25 PER CENT WITH SEWERAGE SERVICES.

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
								\$	\$	\$	\$
TOTAL		-	1	2	2	TOTAL	PR	-	1,800	3,600	3,600
CONSULTANT MONTHS	PR	-	1	2	2	PERSONNEL-CONSULTANTS		-	1,800	3,600	3,600
						EST. GOVERNMENT CONTRIB.			(3,000,000)	(3,000,000)	(3,500,000)

CHILE-3100, HEALTH SERVICES

THE OBJECTIVES OF THIS PROJECT ARE TO IMPLEMENT THE TEN-YEAR HEALTH PLAN, STARTED IN 1966 AND CURRENTLY IN PROCESS OF REVISION IN ACCORDANCE WITH THE PLAN FOR ECONOMIC AND SOCIAL DEVELOPMENT; TO IMPROVE THE ORGANIZATION AND ADMINISTRATION OF THE HEALTH SERVICES; TO TRAIN STAFF; TO CARRY OUT RESEARCH ON THE EPIDEMIOLOGICAL, SOCIAL, AND ADMINISTRATIVE FACTORS RELATED TO HEALTH PROBLEMS; AND TO CARRY OUT PROJECT STUDIES OF INVESTMENT FOR ALL TYPES OF HEALTH ESTABLISHMENTS. SPECIAL ATTENTION WILL BE PAID TO MATERNAL AND CHILD HEALTH, MEDICAL CARE, ENVIRONMENTAL SANITATION, NURSING, NUTRITION, AND STATISTICS.

UNICEF COLLABORATES IN THIS PROJECT.

			3	3	3	3		34,485	55,193	80,239	92,531
TOTAL							TOTAL				
P-5 PAHO/WHO REPRESENTATIVE .0944	PR	1	1	1	1	SUBTOTAL	PR	30,927	51,193	59,639	71,931
P-3 ADMIN. METHODS OFFICER .3034	PR	1	1	1	1	PERSONNEL-POSTS		17,536	40,943	48,389	50,481
G-7 TECHNICAL ASSISTANT .3292	PR	1	1	1	1	PERSONNEL-CONSULTANTS		-	-	-	5,400
TOTAL		-	2	3	6	DUTY TRAVEL		2,585	4,000	4,000	4,000
CONSULTANT MONTHS	PR	-	-	-	3	SUPPLIES AND EQUIPMENT		-	-	1,000	3,000
CONSULTANT MONTHS	WT	-	2	3	3	FELLOWSHIPS		-	-	-	2,800
TOTAL		5	-	9	11	COMMON SERVICES		10,806	6,250	6,250	6,250
FELLOWSHIPS-ACADEMIC	WT	2	-	-	-	SUBTOTAL	WT	3,558	4,000	20,600	20,600
FELLOWSHIPS-SHORT TERM	PR	-	-	-	2	PERSONNEL-CONSULTANTS		-	4,000	6,000	6,000
FELLOWSHIPS-SHORT TERM	WT	3	-	9	9	FELLOWSHIPS		3,558	-	14,600	14,600
						EST. GOVERNMENT CONTRIB.			(1,000,000)	(1,000,000)	(1,000,000)

CHILE-3101, FELLOWSHIPS

FELLOWSHIPS ARE PROVIDED IN ORDER TO TRAIN PERSONNEL FOR THE IMPROVEMENT AND EXPANSION OF HEALTH SERVICES IN THE COUNTRY.

		13	5	5	5		31,603	12,200	12,200	12,200	
TOTAL						TOTAL					
FELLOWSHIPS-ACADEMIC	WR	5	2	2	2	SUBTOTAL	PR	-	4,200	4,200	4,200
FELLOWSHIPS-SHORT TERM	PR	-	3	3	3	FELLOWSHIPS		-	4,200	4,200	4,200
FELLOWSHIPS-SHORT TERM	WR	8	-	-	-	SUBTOTAL	WR	31,603	8,000	8,000	8,000
						FELLOWSHIPS		31,603	8,000	8,000	8,000

CHILE-3105, HEALTH MANPOWER STUDIES

IN RELATION TO THE NATIONAL HEALTH PLAN, THIS PROJECT PROVIDES FOR STUDIES OF HEALTH MANPOWER RESOURCES, THEIR USEFULNESS, PRODUCTIVITY, AND RELATIONSHIP TO THE ECONOMIC POSSIBILITIES OF THE HEALTH SERVICES WITHIN THE PUBLIC SECTOR.

THE STUDY ENVISAGES A SURVEY OF THE DEMAND FOR MEDICAL AND DENTAL SERVICES BY THE POPULATION, USING A SAMPLE OF 10,300 HOUSEHOLDS THROUGHOUT THE COUNTRY AND RELATING THESE DEMANDS TO THE ACTUAL EXISTENCE OF PERSONNEL.

... CONTINUED

CHILE-3105, HEALTH MANPOWER STUDIES . . . CONTINUED

FUND	1969	1970	1971	1972	FUND	1969	1970	1971	1972
	\$	\$	\$	\$		\$	\$	\$	\$
TOTAL	PR	9,753	10,000	10,000	-				
SUPPLIES AND EQUIPMENT		3,753	2,000	2,000	-				
GRANTS		6,000	8,000	8,000	-				
EST. GOVERNMENT CONTRIB.			( 50,000 )	( 50,000 )					

CHILE-3106, RURAL DEVELOPMENT

THE GOVERNMENT OF CHILE IS CONCERNED WITH THE UNDERDEVELOPMENT OF THE RURAL AREAS OF THE COUNTRY, PARTICULARLY IN CERTAIN ZONES OF THE FOOTHILLS AND THE COAST WHERE THESE CONDITIONS ARE MORE EVIDENT AND THE NEED MORE PRESSING. AN INTEGRATED RURAL DEVELOPMENT PROGRAM IS PROPOSED IN THE PROVINCES OF VALDIVIA AND OSORNO.

THE PURPOSES OF THIS PROJECT ARE 1) TO ASSIST IN THE PROMOTION OF THE ENTIRE DEVELOPMENT OF THE COMMUNITIES THROUGH THE APPLICATION OF POLITICAL OF SOCIAL IMPROVEMENT IN THE RURAL AREAS AND THE UTILIZATION OF EXISTING RESOURCES WITHIN THE NATIONAL GOALS OF ECONOMIC DEVELOPMENT AND 2) TO IMPROVE THE HEALTH LEVEL OF THE RURAL POPULATION OF THE AREA.

TOTAL		-	-	1	1	TOTAL	PR	-	-	3,200	3,200
CONSULTANT MONTHS	PR	-	-	1	1	PERSONNEL-CONSULTANTS FELLOWSHIPS		-	-	1,800	1,800
TOTAL		-	-	1	1			-	-	1,400	1,400
FELLOWSHIPS-SHORT TERM	PR	-	-	1	1						

CHILE-3200, NURSING SERVICES

THE PURPOSE OF THIS PROJECT IS TO IMPROVE THE QUALITY OF THE NURSING AND OBSTETRICAL CARE GIVEN IN THE HEALTH SERVICES BY PROFESSIONAL AND AUXILIARY NURSING PERSONNEL AND TO ADEQUATELY PREPARE PROFESSIONAL AND AUXILIARY NURSING PERSONNEL.

FIVE NEW UNIVERSITY SCHOOLS OF NURSING HAVE BEEN ESTABLISHED, AND THE NUMBER OF NURSES GRADUATING ANNUALLY IS EXPECTED TO INCREASE FROM 142 IN 1965 TO 299 IN 1969. FROM 1958 TO 1968 A TOTAL OF 6,234 NURSING AUXILIARIES WERE TRAINED.

UNICEF COOPERATES IN THIS PROJECT.

TOTAL		-	2	2	2	TOTAL	WR	-	6,400	6,400	6,400
CONSULTANT MONTHS	WR	-	2	2	2	PERSONNEL-CONSULTANTS FELLOWSHIPS		-	3,600	3,600	3,600
TOTAL		-	2	2	2			-	2,800	2,800	2,800
FELLOWSHIPS-SHORT TERM	WR	-	2	2	2	EST. GOVERNMENT CONTRIB.			( 100,000 )	( 100,000 )	( 100,000 )

CHILE-3300, LABORATORY SERVICES

THE OBJECTIVES OF THIS PROGRAM ARE TO PROMOTE BASIC AND APPLIED MICROBIOLOGICAL RESEARCH, ESPECIALLY IN COMMUNICABLE DISEASES; TO TRAIN GENERAL AND SPECIALIZED MICROBIOLOGISTS AND HEALTH LABORATORY TECHNICIANS; TO ORGANIZE AND IMPROVE REGIONAL AND LOCAL HEALTH LABORATORIES; AND TO PROVIDE REFERENCE SERVICES.

TOTAL		-	2	3	3	TOTAL	WR	1,253	6,400	8,200	13,200
CONSULTANT MONTHS	WR	-	2	3	3	PERSONNEL-CONSULTANTS		-	3,600	5,400	5,400
TOTAL		1	2	2	2	SUPPLIES AND EQUIPMENT		-	-	-	5,000
FELLOWSHIPS-SHORT TERM	WR	1	2	2	2	FELLOWSHIPS		1,253	2,800	2,800	2,800

CHILE-3701, RESEARCH ON NEEDS FOR MEDICAL CARE SERVICES

THIS PROJECT PROVIDES FOR A GRANT TO THE SCHOOL OF PUBLIC HEALTH IN CHILE, TO CARRY OUT A STUDY OF THE SOCIAL AND PSYCHOLOGICAL FACTORS DETERMINING THE DEMAND FOR AND UTILIZATION OF MEDICAL SERVICES.

FUND	1969	1970	1971	1972	FUND	1969	1970	1971	1972
						\$	\$	\$	\$
TOTAL					PR	14,657	-	-	-
GRANTS						14,657	-	-	-

CHILE-4100, MATERNAL AND CHILD HEALTH

THE PURPOSE OF THIS PROJECT IS TO DEVELOP A TRAINING PROGRAM FOR PROFESSIONAL PERSONNEL THAT WILL INCLUDE INSTRUCTION ON THE BIOLOGICAL AND SOCIAL ASPECTS OF HUMAN REPRODUCTION AND GROWTH AND DEVELOPMENT OF THE CHILD, AS WELL AS ON THE ORGANIZATION OF MATERNAL AND CHILD HEALTH SERVICES. IT WILL ALSO EXPAND TRAINING IN MATERNAL AND CHILD HEALTH AT THE LOCAL AND UNIVERSITY LEVELS, AND PROMOTE MEDICO-SOCIAL AND OPERATIONAL RESEARCH.

THE FIRST LATIN AMERICAN COURSE ON MATERNAL AND CHILD HEALTH WAS GIVEN IN 1968 TO KEY PERSONNEL IN MATERNAL AND CHILD HEALTH SERVICES. A SIMILAR COURSE WILL BE GIVEN IN 1970.

TOTAL		-	2	2	2	TOTAL	PR	-	12,000	5,000	12,000
CONSULTANT MONTHS	PR	-	2	2	2	PERSONNEL-CONSULTANTS	-	-	3,600	3,600	3,600
TOTAL		-	1	1	1	FELLOWSHIPS	-	-	1,400	1,400	1,400
FELLOWSHIPS-SHORT TERM	PR	-	1	1	1	GRANTS	-	-	7,000	-	7,000
						EST. GOVERNMENT CONTRIB.		(	50,000)	(	50,000)

CHILE-4102, PEDIATRICS RESIDENCIES

IN 1969, SERVICES WERE PROVIDED FOR THE DEVELOPMENT OF A PROGRAM OF TRAINING IN PEDIATRICS IN THE UNIVERSITY OF CHILE AND THE ROBERTO DEL RIO HOSPITAL. IN 1970, THIS PROJECT IS MERGED WITH CHILE-4103.

TOTAL		1	-	-	-	TOTAL	WR	7,765	-	-	-
FELLOWSHIPS-SHORT TERM	WR	1	-	-	-	SUPPLIES AND EQUIPMENT		459	-	-	-
						FELLOWSHIPS		1,906	-	-	-
						GRANTS		5,400	-	-	-

CHILE-4103, CLINICAL AND SOCIAL PEDIATRIC COURSES

THE PROJECT OBJECTIVES ENTAIL THE TRAINING OF PROFESSIONALS WITHIN AN INTEGRATED CLINICAL AND SOCIAL PEDIATRICS PROGRAM, WHICH INCLUDES CLINICAL RESIDENCIES, PROJECTS GEARED TOWARD THE DEVELOPMENT OF SPECIALTY UNITS, TEACHER TRAINING, INTENSIVE COURSES FOR PEDIATRICIANS INVOLVED IN ADMINISTRATIVE PROGRAMS AND SERVICES, AND PROJECTS FOR SELECTED PROFESSIONALS PARTICIPATING IN MATERNAL AND CHILD HEALTH ACTIVITIES.

TOTAL		1	2	2	2	TOTAL	WR	8,579	22,500	22,500	22,500
CONSULTANT MONTHS	WR	1	2	2	2	PERSONNEL-CONSULTANTS		1,079	3,500	3,600	3,600
TOTAL		-	1	1	1	FELLOWSHIPS		-	1,400	1,400	1,400
FELLOWSHIPS-SHORT TERM	WR	-	1	1	1	GRANTS		7,500	17,500	17,500	17,500
						EST. GOVERNMENT CONTRIB.		(	100,000)	(	100,000)

CHILE-4201, BRAIN DEVELOPMENT IN MALNOURISHED CHILDREN

THE PURPOSE OF THIS PROJECT IS TO STUDY THE EFFECTS OF MALNUTRITION DURING INFANCY ON SEVERAL SYSTEMS, ESPECIALLY THE CENTRAL NERVOUS SYSTEM. THIS INVESTIGATION WILL INCLUDE STUDIES ON GROWTH OF CELLS, BRAIN, AND PLACENTA, AND THE DETERMINATION OF DNA AND PROTEIN CONTENT OF THE BRAIN DURING MALNUTRITION, AS WELL AS THE EFFECTS OF MALNUTRITION ON THE HEMOPOIETIC AND GASTROINTESTINAL SYSTEMS.

. . . CONTINUED

CHILE-4201, BRAIN DEVELOPMENT IN MALNOURISHED CHILDREN . . . CONTINUED

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
								\$	\$	\$	\$
TOTAL		1	2	2	2	TOTAL		4,001	5,500	5,500	5,500
CONSULTANT MONTHS	PR	-	2	2	2						
CONSULTANT MONTHS	WR	1	-	-	-	SUBTOTAL	PR	-	5,500	5,500	5,500
TOTAL		1	1	1	1	PERSONNEL-CONSULTANTS		-	3,600	3,600	3,600
FELLOWSHIPS-SHORT TERM	PR	-	1	1	1	FELLOWSHIPS		-	1,400	1,400	1,400
FELLOWSHIPS-SHORT TERM	WR	1	-	-	-	GRANTS		-	500	500	500
						SUBTOTAL	WR	4,001	-	-	-
						PERSONNEL-CONSULTANTS		1,983	-	-	-
						FELLOWSHIPS		2,018	-	-	-
						EST. GOVERNMENT CONTRIB.			( 30,000)	( 30,000)	( 30,000)

CHILE-4202, RESEARCH TRAINING PROGRAM IN NUTRITION

THE PURPOSE OF THIS PROJECT IS TO COOPERATE IN ESTABLISHING A TRAINING PROGRAM FOR RESEARCH WORKERS IN LATIN AMERICA IN NUTRITION AND HUMAN GROWTH AND DEVELOPMENT. THIS WILL ASSIST INVESTIGATORS TO FURTHER DEVELOP APPLIED AND CLINICAL RESEARCH IN THEIR RESPECTIVE COUNTRIES.

THE PROGRAM WILL HAVE AS ITS FOCUS THE STUDY OF THE EFFECTS OF NUTRITION ON THE GROWTH AND DEVELOPMENT OF THE CHILD.

TOTAL		-	-	2	2	TOTAL	PR	-	-	6,600	6,600
CONSULTANT MONTHS	PR	-	-	2	2	PERSONNEL-CONSULTANTS		-	-	3,600	3,600
						GRANTS		-	-	3,000	3,000

CHILE-4300, MENTAL HEALTH

THE MAIN OBJECTIVES OF THIS PROJECT ARE TRAINING OF PROFESSIONALS IN COMMUNITY MENTAL HEALTH, PROVIDING THEM WITH BOTH THEORETICAL BACKGROUND AND FIELD EXPERIENCE; AND PROMOTING BETTER FUNCTIONING OF THE MENTAL HEALTH CENTER OF THE NORTHERN SANITARY DISTRICT OF SANTIAGO. EMPHASIS IS PUT UPON CARE, PREVENTION, AND REHABILITATION, AS WELL AS ON EPIDEMIOLOGICAL RESEARCH.

TOTAL		1	-	1	-	TOTAL		7,414	5,000	6,400	5,000
FELLOWSHIPS-SHORT TERM	PR	1	-	-	-	SUBTOTAL	PR	7,414	5,000	5,000	5,000
FELLOWSHIPS-SHORT TERM	WR	-	-	1	-	FELLOWSHIPS		2,425	-	-	-
						GRANTS		4,989	5,000	5,000	5,000
						SUBTOTAL	WR	-	-	1,400	-
						FELLOWSHIPS		-	-	1,400	-
						EST. GOVERNMENT CONTRIB.			( 50,000)	( 50,000)	( 50,000)

CHILE-4500, RADIATION PROTECTION

IN 1969 SHORT-TERM CONSULTANTS COOPERATED IN THE STUDY OF THE FEASIBILITY OF A PROGRAM IN RADIATION PROTECTION WITH EMPHASIS ON PARTICIPATION OF THE FACULTY OF MEDICINE IN THE PROJECT.

TOTAL		2	-	-	-	TOTAL	PR	2,342	-	-	-
CONSULTANT MONTHS	PR	2	-	-	-	PERSONNEL-CONSULTANTS		2,342	-	-	-



CHILE-4805, CHRONIC DISEASES

THE PURPOSE OF THIS PROJECT IS TO COOPERATE WITH THE GOVERNMENT IN DEVELOPING PLANS AND FACILITIES FOR DEALING WITH GROWING PROBLEMS IN CHRONIC DISEASES. INITIALLY, EMPHASIS WILL BE PLACED ON PROBLEMS RELATED TO RHEUMATIC HEART DISEASE AND ACCIDENTS.

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
								\$	\$	\$	\$
TOTAL		-	-	-	2	TOTAL	WR	-	-	-	7,600
CONSULTANT MONTHS	WR	-	-	-	2	PERSONNEL-CONSULTANTS		-	-	-	3,600
TOTAL		-	-	-	1	FELLOWSHIPS		-	-	-	4,000
FELLOWSHIPS-ACADEMIC	WR	-	-	-	1						

CHILE-5000, REHABILITATION

THE OBJECTIVE OF THIS PROJECT IS THE DEVELOPMENT OF A NATIONAL PROGRAM OF COMPREHENSIVE SERVICES FOR MEDICAL REHABILITATION, INCLUDING REHABILITATION OF THE DEAF. A REHABILITATION CENTER, WHICH INCLUDES A WORKSHOP FOR THE PRODUCTION OF ORTHOPEDIC APPLIANCES, HAS BEEN SET UP IN SANTIAGO. IT IS TRAINING PERSONNEL FROM ALL PARTS OF THE COUNTRY AND HAS ESTABLISHED ADDITIONAL REHABILITATION SERVICES IN SANTIAGO, VALPARAISO, AND CONCEPCION. THE CENTER AND ITS SERVICES HAVE BEEN TRANSFERRED TO THE NATIONAL HEALTH SERVICE. AT PRESENT, EMPHASIS IS GIVEN TO THE DEVELOPMENT OF A SPEECH-THERAPY INSTITUTE FOR THE REHABILITATION OF THE DEAF AND MUTE. IN 1969 THE THIRD TWO-YEAR COURSE BEGAN FOR INSTRUCTORS OF DEAF-MUTE CHILDREN WITH 13 PERSONS PARTICIPATING, AND ANOTHER ONE OF THE SAME KIND WILL BE HELD IN 1971.

		9	17	7	4		WT	14,197	51,800	27,800	11,800
TOTAL						TOTAL					
CONSULTANT MONTHS	WT	9	17	7	4	PERSONNEL-CONSULTANTS		9,314	34,000	14,000	8,000
TOTAL		1	3	3	1	SUPPLIES AND EQUIPMENT		-	4,500	-	-
FELLOWSHIPS-ACADEMIC	WT	1	3	3	1	FELLOWSHIPS		4,883	13,300	13,800	3,800
						EST. GOVERNMENT CONTRIB.			( 200,000)	( 200,000)	( 200,000)

CHILE-6100, SCHOOL OF PUBLIC HEALTH

THE PURPOSE OF THIS PROJECT IS TO STRENGTHEN THE TEACHING AT THE SCHOOL OF PUBLIC HEALTH OF THE UNIVERSITY OF CHILE AND TO EXPAND ITS FACILITIES FOR TRAINING STUDENTS FROM OTHER COUNTRIES.

IN 1968, 58 OF THE 172 STUDENTS WERE FELLOWS FROM OTHER COUNTRIES SENT BY THE ORGANIZATION.

		1	2	2	2		WR	1,447	6,400	6,400	6,400
TOTAL						TOTAL					
CONSULTANT MONTHS	WR	1	2	2	2	PERSONNEL-CONSULTANTS		1,447	3,600	3,600	3,600
TOTAL		-	2	2	2	FELLOWSHIPS		-	2,800	2,800	2,800
FELLOWSHIPS-SHORT TERM	WR	-	2	2	2	EST. GOVERNMENT CONTRIB.			( 100,000)	( 100,000)	( 100,000)

CHILE-6200, MEDICAL EDUCATION

THE PURPOSE OF THIS PROJECT IS TO ASSIST IN IMPROVING THE TEACHING AT THE SCHOOL OF MEDICINE OF THE UNIVERSITY OF CHILE, PARTICULARLY IN REGARD TO THE INTEGRATION OF PREVENTIVE AND SOCIAL CONCEPTS IN THE TEACHING OF CLINICAL SUBJECTS. SHORT COURSES IN MEDICAL PEDAGOGY ARE GIVEN, AND CURRICULUM CONTENT AND TEACHING METHODS ARE THE SUBJECT OF CONTINUOUS REVIEW.

IN 1969, THE SCHOOL OF MEDICINE BEGAN NEW COURSES IN THE INSTRUCTION OF BEHAVIORAL SCIENCE AND IN EPIDEMIOLOGY. IN THE SAME YEAR, THE PRACTICE OF A RURAL BOARDING SCHOOL SYSTEM FOR ALL INTERNS WAS INITIATED FOR TRAINING NURSING AND OBSTETRIC STUDENTS IN RURAL HOSPITALS.

		4	2	2	2			19,107	60,180	7,800	12,800
TOTAL						TOTAL					
FELLOWSHIPS-ACADEMIC	PR	2	-	-	-	SUBTOTAL	PR	19,107	12,800	7,800	12,800
FELLOWSHIPS-SHORT TERM	PR	2	2	2	2	SUPPLIES AND EQUIPMENT		-	5,000	5,000	5,000
						FELLOWSHIPS		14,107	2,800	2,800	2,800
						GRANTS		5,000	5,000	-	5,000
						SUBTOTAL	PG	-	47,380	-	-
						SUPPLIES AND EQUIPMENT		-	47,380	-	-
						EST. GOVERNMENT CONTRIB.			( 100,000)	( 100,000)	( 100,000)

CHILE-6201, TRAINING IN THE MEDICAL USE OF RADIOISOTOPES

A LATIN AMERICAN CENTER TO TRAIN PHYSICIANS IN THE MEDICAL USE OF RADIOISOTOPES WAS SET UP BY THE GOVERNMENT WITH ASSISTANCE FROM THE W. K. KELLOGG FOUNDATION AND THE ORGANIZATION AT THE HOSPITAL DEL SALVADOR OF THE UNIVERSITY OF CHILE. SINCE 1968, THE CENTER IS PROVIDING COURSES OF ONE YEAR'S DURATION WITH ADDITIONAL TRAINING FOR SELECTED PARTICIPANTS. THE COURSE OFFERS THEORETICAL AND PRACTICAL TRAINING IN THE USE OF RADIOISOTOPES, THE PRECAUTIONS TO BE TAKEN IN HANDLING RADIOACTIVE MATERIALS IN ORDER TO PROTECT THE WORKER AND THE PUBLIC, AND OTHER RELATED SUBJECTS.

TOTAL	PR	993	2,000	2,000	2,000
SUPPLIES AND EQUIPMENT		993	2,000	2,000	2,000
EST. GOVERNMENT CONTRIB.		( 25,000)	( 25,000)	( 25,000)	

CHILE-6400, SANITARY ENGINEERING EDUCATION

THE GOVERNMENT IS INTENSIFYING ITS PROGRAM OF TRAINING AND RESEARCH IN ENVIRONMENTAL ENGINEERING AT THE SCHOOL OF ENGINEERING OF THE UNIVERSITY OF CHILE AND ITS POSTGRADUATE TRAINING PROGRAM AT THE UNIVERSITY'S SCHOOL OF PUBLIC HEALTH. THESE SCHOOLS, IN ADDITION TO THEIR REGULAR PROGRAMS, ARE OFFERING INTENSIVE SHORT COURSES IN ENVIRONMENTAL SANITATION SUBJECTS AND ARE PLANNING TO INCREASE THE NUMBER OF FULL-TIME TEACHERS AND TO IMPROVE LABORATORY AND LIBRARY FACILITIES. IN 1969 THE NUMBER OF STUDENTS IN THE DEPARTMENT OF SANITARY ENGINEERING INCREASED FROM 6 TO 14.

THE PROJECT IS CONTEMPLATING THE EXPANSION OF THE PROGRAM TO SOME SELECTED UNIVERSITIES IN THE PROVINCES.

TOTAL		2	-	-	-	TOTAL	WR	22,091	16,800	20,800	20,800
CONSULTANT MONTHS	WR	2	-	-	-	PERSONNEL-CONSULTANTS		6,318	-	-	-
TOTAL		-	2	2	2	SUPPLIES AND EQUIPMENT		5,573	4,000	6,000	6,000
FELLOWSHIPS-SHORT TERM	WR	-	2	2	2	FELLOWSHIPS		-	2,800	2,800	2,800
						GRANTS		10,200	10,000	12,000	12,000
						EST. GOVERNMENT CONTRIB.		( 100,000)	( 100,000)	( 100,000)	

CHILE-6500, VETERINARY MEDICINE EDUCATION

THROUGH AN AGREEMENT WITH THE GOVERNMENT OF CHILE, THE SCHOOL OF VETERINARY MEDICINE OF THE UNIVERSITY OF CHILE, AND THE ORGANIZATION, THIS PROJECT WAS ESTABLISHED WITH THE OBJECTIVE OF IMPROVING THE BASIC PROFESSIONAL EDUCATION OF VETERINARIANS IN THE FIELD OF PUBLIC HEALTH BY STRENGTHENING TRAINING PROGRAMS AND EXPANDING PROGRAMS OF STUDY, WITH SPECIAL EMPHASIS ON PREVENTIVE MEDICINE AND PUBLIC HEALTH. SHORT-TERM CONSULTANTS AND VISITING LECTURERS ARE LENDING ASSISTANCE. FELLOWSHIPS ARE PROVIDED FOR PROFESSORS IN NEED OF FURTHER TRAINING.

THE PROJECT IS BEING EXTENDED TO THE SCHOOL OF VETERINARY MEDICINE OF VALDIVIA. IN 1969, THE SCHOOL PRESENTED A COURSE IN EPIDEMIOLOGY FOR TEACHERS.

TOTAL		2	2	2	2	TOTAL	PR	6,499	4,100	4,100	4,100
CONSULTANT MONTHS	PR	2	2	2	2	PERSONNEL-CONSULTANTS		3,903	3,600	3,600	3,600
TOTAL		1	-	-	-	SUPPLIES AND EQUIPMENT		859	500	500	500
FELLOWSHIPS-ACADEMIC	PR	1	-	-	-	FELLOWSHIPS		1,737	-	-	-
						EST. GOVERNMENT CONTRIB.		( 40,000)	( 40,000)	( 40,000)	

CHILE-6600, DENTAL EDUCATION

THE ULTIMATE OBJECTIVE OF THIS PROJECT IS TO STRENGTHEN DENTAL EDUCATION. AS A FIRST STEP, A MODERN PROGRAM OF TEACHING OF PREVENTIVE AND SOCIAL DENTISTRY WILL BE ORGANIZED AT THE UNIVERSITY OF CONCEPCION, WHERE A DENTAL CLINIC WILL SERVE BOTH AS A TRAINING CENTER AND AS A COMMUNITY CLINIC. IN THE FUTURE THE PROGRAM WILL BE EXTENDED TO THE UNIVERSITIES OF SANTIAGO AND VALPARAISO.

TOTAL		2	2	2	2	TOTAL		3,188	15,360	5,000	5,000
CONSULTANT MONTHS	WR	2	2	2	2	SUBTOTAL	PG	-	10,760	-	-
TOTAL		-	-	1	1	SUPPLIES AND EQUIPMENT		-	10,760	-	-
FELLOWSHIPS-SHORT TERM	WR	-	-	1	1	SUBTOTAL	WR	3,188	4,600	5,000	5,000
						PERSONNEL-CONSULTANTS		3,188	3,600	3,600	3,600
						SUPPLIES AND EQUIPMENT		-	1,000	-	-
						FELLOWSHIPS		-	-	1,400	1,400
						EST. GOVERNMENT CONTRIB.		( 25,000)	( 25,000)	( 25,000)	



## CHILE-6700, POPULATION DYNAMICS

THE PURPOSE OF THIS PROJECT IS TO COOPERATE WITH THE UNIVERSITY OF CHILE IN A PROGRAM OF TRAINING AND RESEARCH ON THE INTERRELATIONSHIP OF HEALTH AND POPULATION DYNAMICS. A FOUR-MONTH COURSE ON HEALTH AND POPULATION DYNAMICS HAS BEEN GIVEN ANNUALLY.

SINCE 1966 THE STUDENTS HAVE MAINLY BEEN TEACHERS FROM THE MEDICAL AND PUBLIC HEALTH SCHOOL FACULTIES OF CHILE AND OTHER LATIN AMERICAN COUNTRIES. TWENTY-SIX STUDENTS PARTICIPATED IN THE COURSE IN 1969, 10 OF WHOM WERE ON FELLOWSHIPS OF THE ORGANIZATION.

FUND	1969	1970	1971	1972
-----	-----	-----	-----	-----
	\$	\$	\$	\$
TOTAL	PR 20,000	20,000	20,000	20,000
GRANTS	20,000	20,000	20,000	20,000
EST. GOVERNMENT CONTRIB.		( 50,000)	( 50,000)	( 50,000)

CHILE  
PORTIONS OF INTERCOUNTRY PROJECTS

	1969	1970	1971	1972
-----	-----	-----	-----	-----
	\$	\$	\$	\$
TOTAL AMRD PROJECTS	238,926	324,658	297,384	316,800
0106 EPIDEMIOLOGY -- ZONE VI	2,765	2,691	2,812	2,934
0111 EPIDEMIOLOGICAL SURVEILLANCE PROGRAM	-	-	-	1,402
0300 SMALLPOX ERADICATION	6,907	8,145	9,861	12,854
0306 SMALLPOX ERADICATION -- ZONE VI	-	1,929	2,051	4,304
0400 TUBERCULOSIS CONTRCL	359	1,291	2,711	4,357
0408 SEMINAR ON TUBERCULOSIS CONTROL	-	-	2,016	-
0409 COURSES ON TUBERCULOSIS - EPIDEMIOLOGY	623	1,699	2,133	2,133
0410 COURSES ON TUBERCULOSIS - BACTERIOLOGY	429	1,451	1,675	1,675
0500 LEPROSY CONTROL	164	235	264	303
0600 VENEREAL DISEASE CONTROL	124	510	180	540
0700 PAN AMERICAN ZOONOSES CENTER	7,760	8,522	8,488	9,378
0713 SEMINAR ON ANIMAL TUBERCULOSIS	-	3,117	-	-
0714 SYMPOS ON THE HLTH ASPECTS OF THE INTERNAL MOVMT OF ANIMALS	-	-	-	1,004
0716 SEMINAR ON RABIES VACCINE PRODUCTION AND CONTROL	1,014	-	-	-
0717 SEMINAR ON RABIES -- ZONE IV	340	-	-	-
0718 SEMINAR ON EPIDEMIOLOGY OF THE ZOONOSES	-	-	-	1,421
1008 CHAGAS' DISEASE	240	214	252	570
1010 STUDY GRUOP ON CHAGAS' DISEASE	842	-	-	-
2100 ENVIRONMENTAL SANITATION	137	352	352	602
2106 SANITARY ENGINEERING -- ZONE VI	7,182	7,836	8,172	8,510
2112 AIR POLLUTION CONFERENCE	81	-	-	-
2114 PAN AMERICAN SANITARY ENGINEERING CENTER	4,785	8,256	10,447	11,166
2116 CONFERENCE ON INTEGRATION OF ENVIRONMENTAL PROGRAMS	-	-	-	1,092
2117 CONFERENCE ON ENVIRONMENTAL RESEARCH	-	-	1,921	-
2200 WATER SUPPLIES	7,605	3,497	5,484	5,823
2213 STUDIES AND INVESTIGATIONS OF WATER RESOURCES	486	1,144	1,352	1,352
2214 SEMINAR ON WATER POLLUTION CONTROL	-	1,667	-	-
2215 APPLIED RESEARCH ON WATER SUPPLIES	926	-	400	800
2220 PUBLIC SERVICES ADMINISTRATION	-	1,983	2,121	2,271
2222 SEMINAR ON LOANS & PROJECT DEVELOPMENT	-	-	-	1,943
2223 SEMINARS ON PUBLIC SERVICES ADMINISTRATION	-	-	-	458
2224 CONFERENCE ON RECENT ADVANCES IN WATER TREATMENT	-	-	-	2,577
2400 PUBLIC HEALTH ASPECTS OF HOUSING AND URBANIZATION	-	210	219	228
3110 COORDINATION OF INTERNATIONAL RESEARCH	2,025	1,251	1,369	1,980
3124 APPLICATION OF DATA PROCESSING TO HEALTH ADMINISTRATION	393	-	-	-
3126 OPERATIONS RESEARCH	-	2,531	2,531	2,531
3129 RESEARCH TRAINING IN BIOMEDICAL SCIENCES	-	1,664	1,664	832
3130 CONFERENCE ON MYCOLOGY	-	1,131	-	-
3200 NURSING SERVICES	249	864	920	1,208
3206 NURSING -- ZONE VI	2,257	5,519	8,650	10,532
3210 HOSPITAL NURSING SERVICES	26	956	1,172	1,238
3211 SEMINAR ON PLANNING FOR NURSING	-	945	-	-
3300 LABORATORY SERVICES	415	483	502	502
3306 LABORATORY SERVICES -- ZONE VI	-	-	3,491	5,924
3310 CONFERENCE ON VIRAL AND RICKETTSIAL VACCINES	-	1,406	-	-
3311 TRAINING LABORATORY PERSONNEL	-	775	605	667
3400 HEALTH EDUCATION	59	249	373	373
3407 COMMUNITY DEVELOPMENT TRAINING CENTER	1,228	1,121	1,215	1,189
3408 CONFERENCE ON POSTGRADUATE TRAINING IN HEALTH EDUCATION	3,338	-	-	-
3409 STUDY GROUP ON HEALTH EDUCATION AND PLANNING	1,060	-	-	-

## CHILE - PORTIONS OF INTERCOUNTRY PROJECTS . . . CONTINUED

3410	TRAINING OF TEACHERS IN HEALTH EDUCATION	-	2,172	1,543	1,543
3500	HEALTH STATISTICS	14	-	352	308
3506	HEALTH STATISTICS -- ZONE VI	2,773	2,582	2,702	2,824
3513	INTER-AMER. INVES. OF MORTALITY, IN CHILDHOOD	29,401	23,711	9,765	2,515
3515	CENTER FOR TRAINING IN USE OF COMPUTERS IN HEALTH STATISTICS	-	-	360	360
3516	REGIONAL SEMINAR ON DATA PROCESSING	-	619	-	-
3600	ADMINISTRATIVE METHODS AND PRACTICES IN PUBLIC HEALTH	1,594	1,534	1,568	2,210
3606	ADMINISTRATIVE METHODS AND PRACTICES - ZONE VI	5,498	5,893	6,115	6,337
3607	MANAGEMENT OF HEALTH SERVICES	-	-	5,093	5,093
3700	HEALTH PLANNING	2,098	4,197	3,905	4,076
3706	HEALTH PLANNING - ZONE VI	1,156	2,368	3,684	5,090
3715	PAN AMERICAN PROGRAM FOR HEALTH PLANNING	16,741	50,643	40,305	37,965
4100	MATERNAL AND CHILD HEALTH	64	400	437	1,448
4108	CLINICAL AND SOCIAL PEDIATRICS	761	1,311	1,311	1,311
4109	NURSING MIDWIFERY	2,618	4,750	2,723	2,860
4115	NURSING-MIDWIFERY EDUCATION	613	-	-	-
4116	FACULTY TRAINING IN MATERNAL AND CHILD HEALTH	-	-	2,222	-
4117	STAFFING MATERNAL AND CHILD HEALTH SERVICES	-	281	281	-
4118	STUDY GROUP ON GUIDE FOR NURSING-MIDWIFERY SERVICES	-	-	-	1,243
4119	MATERNAL AND CHILD HEALTH FELLOWSHIPS	-	1,625	696	870
4122	DEVELOPMENT OF RHEUMATIC FEVER PROGRAMS	-	-	-	612
4200	NUTRITION ADVISORY SERVICES	258	389	591	603
4203	INSTITUTE OF NUTRITION OF CENTRAL AMERICA AND PANAMA	8,731	7,143	7,006	7,390
4211	RESEARCH IN PROTEIN-CALORIE MALNUTRITION	-	-	264	264
4221	SEMINAR ON NUTRITION IN FOOD AND HEALTH POLICIES	145	-	200	200
4223	NUTRITION EDUCATION MATERIAL	781	-	-	-
4228	CONFERENCE ON ENDEMIC GOITER CONTROL	104	-	-	-
4230	NUTRITION TRAINING	1,946	1,878	1,949	2,452
4233	NUTRITION TEACHING IN MEDICAL SCHOOLS	-	-	562	562
4238	NUTRITION RESEARCH	-	360	360	360
4300	MENTAL HEALTH	418	450	900	450
4311	STUDY GROUP ON ADM. OF PSYCHIATRIC & MENTAL HEALTH SERVICES	5,225	-	-	-
4314	EPIDEMIOLOGICAL STUDY ON EPILEPSY	-	-	2,380	2,380
4315	STUDY GROUP ON TRAINING PSYCHIATRISTS	-	-	-	604
4400	DENTAL HEALTH	620	541	541	911
4409	FLUORIDATION	3,674	3,487	3,223	3,121
4410	LABORATORY FOR CONTROL OF DENTAL PRODUCTS	-	-	515	1,030
4411	HUMAN AND MATERIAL RESOURCES IN DENTISTRY	1,760	1,060	1,123	1,186
4412	SEMINAR ON IMPLEMENTATION OF DENTAL HEALTH PROGRAMS	-	-	-	1,820
4500	HEALTH ASPECTS OF RADIATION	1,049	5,800	2,900	870
4507	RADIATION HEALTH PROTECTION	1,426	1,340	1,371	1,402
4509	RADIATION SURVEILLANCE	16	200	200	200
4511	STUDY GROUP ON RADIATION PROTECTION	3,282	-	-	-
4514	NUCLEAR MEDICINE	-	-	-	1,950
4610	MANGANESE POISONING	31,470	35,704	-	-
4700	FOOD AND DRUG CONTROL	1,519	1,612	1,672	1,732
4708	FOOD HYGIENE TRAINING CENTER	-	-	1,251	1,801
4711	FOOD AND DRUG CONTROL SEMINAR	-	1,484	-	-
4800	MEDICAL CARE SERVICES	1,541	861	1,197	1,219
4810	CHRONIC DISEASES	1,010	1,242	1,294	1,348
4813	HOSPITAL PLANNING AND ADMINISTRATION	152	1,899	2,443	2,485
4815	TRAINING FOR MEDICAL CARE AND HOSPITAL ADMINISTRATION	2,358	199	1,101	1,285
4816	PROGRESSIVE PATIENT CARE	5,943	2,020	-	-
4819	SEMINAR ON CANCER REGISTRATION	640	-	-	-
4900	HEALTH AND POPULATION DYNAMICS	10,966	24,496	22,566	17,281
5000	REHABILITATION	744	1,677	2,475	2,440
5007	TEACHING OF PHYSIOTHERAPY	2,118	-	-	-
5008	SEMINAR ON REHABILITATION	-	1,245	-	-
6000	MEDICAL EDUCATION - TEXTBOOKS AND TEACHING	7,631	3,603	3,602	4,323
6100	SCHOOLS OF PUBLIC HEALTH	3,086	5,094	4,497	5,160
6107	SEMINARS ON SCHOOLS OF PUBLIC HEALTH	959	-	1,955	-
6200	MEDICAL EDUCATION	681	611	589	608
6208	TEACHING OF STATISTICS IN MEDICAL SCHOOLS	-	-	1,188	1,188
6210	TEACHING METHODS AND ADMIN ORGANIZATION OF MED SCHS	2,247	4,384	4,894	5,111
6214	FACULTY TRAINING FOR MEDICAL SCHOOLS	-	1,770	-	-
6216	PREVENTIVE MEDICINE EDUCATION	2,818	2,083	1,684	1,754
6221	LIBRARY OF MEDICINE	-	-	7,238	9,516
6222	SEMINAR ON TEACHING PREVENTIVE AND SOCIAL MEDICINE	-	940	-	-
6223	TEACHING OF BEHAVIORAL SCIENCES	342	528	7,528	7,528
6224	FACULTY AND RESEARCH TRAINING CENTERS	-	1,135	898	898
6225	SURVEY OF FELLOWSHIP PROGRAMS	-	-	252	-
6226	COMMUNITY-CENTERED RESEARCH IN MEDICAL EDUCATION	-	-	-	1,038
6300	NURSING EDUCATION	724	295	295	462
6317	SEMINAR ON NURSING EDUCATION	-	-	1,969	1,969
6319	TRAINING OF NURSING AUXILIARIES	-	1,407	1,667	2,103

## CHILE - PORTIONS OF INTERCOUNTRY PROJECTS . . . CONTINUED

6400	SANITARY ENGINEERING EDUCATION	3,864	3,348	3,378	3,510
6412	MANAGEMENT AND ADMINISTRATION OF SCHOOLS OF ENGINEERING	-	-	-	1,361
6500	VETERINARY MEDICINE EDUCATION	-	403	403	435
6600	DENTAL EDUCATION	704	318	625	642
6608	TRAINING OF AUXILIARY DENTAL PERSONNEL	163	292	292	557
6609	LATIN AMERICAN ASSOCIATION OF DENTAL SCHOOLS	350	350	350	350
6700	BIOSTATISTICS EDUCATION	7,500	25,500	25,500	25,500
6707	LATIN AMERICAN CENTER FOR THE CLASSIFICATION OF DISEASES	882	1,011	1,187	1,215
6708	TRAINING PROGRAM IN HOSPITAL STATISTICS	494	769	844	888
6709	RESEARCH TRAINING PROGRAMS IN HEALTH AND POPULATION	1,435	-	-	-

## CHILE

## SUMMARY OF INVESTMENTS BY SOURCE OF FUNDS

SOURCE OF FUNDS	*-----COUNTRY PROJECTS-----*				*-----PORTIONS OF INTER-COUNTRY PROJECTS-----*			
	1969	1970	1971	1972	1969	1970	1971	1972
TOTAL FUNDS	264,633	375,875	328,698	332,699	238,926	324,658	297,384	316,800
PR PAHO REGULAR	120,635	148,593	157,839	173,931	92,917	108,837	116,207	137,249
PG PAHO GRANTS & OTHER CONTRIB.	5,432	58,140	-	-	96,053	99,457	42,924	31,142
WR WHO REGULAR	114,559	113,342	122,459	126,368	26,562	43,621	63,010	75,244
WT WHO TECHNICAL ASSISTANCE	17,755	55,800	48,400	32,400	7,986	26,644	39,473	39,473
WS UNITED NATIONS SPECIAL FUND	6,252	-	-	-	15,296	45,983	35,645	33,555
WC WHO GRANTS & OTHER FUNDS	-	-	-	-	112	116	125	137

SOURCE OF FUNDS	*-----TOTAL ALL PROJECTS-----*			
	1969	1970	1971	1972
TOTAL FUNDS	503,559	700,523	626,082	649,499
PR PAHO REGULAR	213,552	257,430	274,046	311,180
PG PAHO GRANTS & OTHER CONTRIB.	101,485	157,597	42,924	31,142
WR WHO REGULAR	141,121	156,963	185,469	201,612
WT WHO TECHNICAL ASSISTANCE	25,741	82,444	87,873	71,873
WS UNITED NATIONS SPECIAL FUND	21,548	45,983	35,645	33,555
WC WHO GRANTS & OTHER FUNDS	112	116	125	137



## PARAGUAY

## PROGRAM BUDGET

1 9 6 9		1 9 7 0			1 9 7 1		1 9 7 2	
AMOUNT	PERCENT	AMOUNT	PERCENT		AMOUNT	PERCENT	AMOUNT	PERCENT
\$		\$			\$		\$	
241,801	57.7	292,640	55.2	I. PROTECTION OF HEALTH	303,337	51.2	310,157	50.1
205,146	49.0	231,706	43.7	A. COMMUNICABLE DISEASES	239,630	40.4	241,132	38.9
5,530	1.3	11,673	2.2	0100 GENERAL	13,435	2.3	13,804	2.2
146,265	34.9	126,316	23.8	0200 MALARIA	130,730	22.0	123,838	19.9
32,279	7.7	62,005	11.7	0300 SMALLPOX	64,457	10.9	68,055	11.0
1,069	.3	7,200	1.4	0400 TUBERCULOSIS	8,873	1.5	7,267	1.2
326	.1	469	.1	0500 LEPROSY	527	.1	604	.1
98	*	408	.1	0600 VENEREAL DISEASES	144	*	432	.1
19,356	4.6	23,406	4.4	0700 ZODNOSES	21,194	3.6	26,592	4.3
223	.1	229	*	1000 PARASITIC DISEASES	270	*	540	.1
36,655	8.7	60,934	11.5	B. ENVIRONMENTAL HEALTH	63,707	10.8	69,025	11.2
16,977	4.0	33,613	6.3	2100 GENERAL	33,095	5.6	35,181	5.7
19,614	4.7	26,233	5.0	2200 WATER SUPPLIES	29,487	5.0	32,682	5.3
64	*	1,088	.2	2400 HOUSING	1,125	.2	1,162	.2
157,545	37.6	205,465	38.8	II. PROMOTION OF HEALTH	246,286	41.3	262,945	42.2
117,656	28.1	129,785	24.5	A. GENERAL SERVICES	147,371	24.9	166,509	26.7
35,522	8.5	54,048	10.2	3100 GENERAL PUBLIC HEALTH	67,389	11.4	82,544	13.3
12,387	3.0	7,891	1.5	3200 NURSING	7,153	1.2	7,378	1.2
424	.1	2,697	.5	3300 LABORATORY	4,628	.8	7,123	1.1
2,337	.6	6,765	1.3	3400 HEALTH EDUCATION	6,982	1.2	6,957	1.1
15,258	3.6	19,327	3.6	3500 STATISTICS	19,822	3.3	20,544	3.3
40,047	9.5	10,669	2.0	3600 ADMINISTRATIVE METHODS	16,170	2.7	17,052	2.7
11,681	2.8	28,388	5.4	3700 HEALTH PLANNING	25,227	4.3	24,911	4.0
39,889	9.5	75,680	14.3	B. SPECIFIC PROGRAMS	98,915	16.4	96,436	15.5
4,508	1.1	27,557	5.2	4100 MATERNAL AND CHILD HEALTH	42,968	7.2	43,113	6.9
10,380	2.5	9,018	1.7	4200 NUTRITION	9,554	1.6	10,100	1.6
745	.2	-	-	4300 MENTAL HEALTH	918	.1	612	.1
4,367	1.0	4,099	.8	4400 DENTAL HEALTH	3,830	.6	4,101	.7
1,381	.3	1,301	.2	4500 RADIATION AND ISOTOPES	1,331	.2	2,205	.4
1,398	.3	1,637	.3	4600 OCCUPATIONAL HEALTH	1,807	.3	1,972	.3
1,549	.4	2,387	.5	4700 FOOD AND DRUG	2,982	.5	3,603	.6
4,603	1.1	7,168	1.4	4800 MEDICAL CARE	14,975	2.5	14,542	2.3
10,219	2.4	19,595	3.7	4900 HEALTH AND POPULATION DYNAMICS	18,048	3.0	13,820	2.2
739	.2	2,918	.5	5000 REHABILITATION	2,402	.4	2,368	.4
20,030	4.7	31,824	6.0	III. DEVELOPMENT OF EDUCATIONAL INSTITUTIONS	43,774	7.5	47,894	7.7
8,938	2.1	15,222	2.9	6200 MEDICINE	27,267	4.6	30,691	4.9
723	.2	1,724	.3	6300 NURSING	3,956	.7	4,569	.7
5,925	1.4	6,957	1.3	6400 ENVIRONMENTAL SCIENCES	4,027	.7	4,100	.7
-	-	403	.1	6500 VETERINARY MEDICINE	403	.1	434	.1
2,528	.6	4,338	.8	6600 DENTISTRY	4,652	.8	4,539	.7
1,916	.4	3,180	.6	6700 BIOSTATISTICS	3,469	.6	3,561	.6
419,376	100.0	525,929	100.0	GRAND TOTAL	593,397	100.0	620,996	100.0

\* LESS THAN .05 PERCENT

PARAGUAY  
SUMMARY OF INVESTMENT

SOURCE OF FUNDS	TOTAL AMOUNT	*-----PERSONNEL-----*			*--DUTY--*	*---FELLOWSHIPS---		*---SEMINARS---	*SUPPLIES*	*--GRANTS--*			
		POSTS PROF.	LOCAL	STC MONTH	TRAVEL AMOUNT	ACAD.	SHORT	PART.	AND EQUIPMENT	AND OTHER			
	\$				\$			\$	\$	\$			
<b>1969</b>													
PAHO---PR	219,230	6	-	5	176,216	17,449	-	3	4,461	-	4,159	11,625	5,320
PM	33,819	-	-	2	12,168	160	-	-	40	-	-	961	20,490
PG	33,398	-	-	-	18,379	974	-	-	3,427	-	2,973	2,531	5,114
WHO---WR	96,228	-	-	1	32,850	4,460	8	9	33,670	-	883	16,874	7,491
WT	32,003	2	-	-	29,385	2,318	-	-	-	-	-	-	300
WS	4,587	-	-	-	3,434	271	-	-	-	-	-	615	267
WO	111	-	-	-	111	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>419,376</b>	<b>8</b>	<b>-</b>	<b>8</b>	<b>272,543</b>	<b>25,632</b>	<b>8</b>	<b>12</b>	<b>41,598</b>	<b>-</b>	<b>8,015</b>	<b>32,606</b>	<b>38,982</b>
<b>PER CENT OF TOTAL</b>	<b>100.0</b>				<b>65.0</b>	<b>6.1</b>			<b>9.9</b>		<b>1.9</b>	<b>7.8</b>	<b>9.3</b>
<b>1970</b>													
PAHO---PR	257,970	5	-	6	200,169	20,148	-	3	7,949	-	2,083	18,105	9,516
PM	14,600	-	-	2	3,600	-	-	-	-	-	-	1,500	9,500
PG	42,500	-	-	-	22,256	973	-	-	7,268	-	2,327	4,479	5,197
WHO---WR	123,930	-	-	14	54,883	3,013	-	5	9,435	-	9,604	40,970	6,025
WT	77,020	3	-	-	59,086	3,650	2	-	10,784	-	-	3,200	300
WS	13,794	-	-	-	10,450	360	-	-	-	-	-	2,441	543
WO	115	-	-	-	115	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>529,929</b>	<b>8</b>	<b>-</b>	<b>22</b>	<b>350,559</b>	<b>28,144</b>	<b>2</b>	<b>8</b>	<b>35,436</b>	<b>-</b>	<b>14,014</b>	<b>70,695</b>	<b>31,081</b>
<b>PER CENT OF TOTAL</b>	<b>100.0</b>				<b>66.2</b>	<b>5.3</b>			<b>6.7</b>		<b>2.6</b>	<b>13.3</b>	<b>5.9</b>
<b>1971</b>													
PAHO---PR	278,584	5	-	7	216,252	20,284	-	6	12,345	-	1,262	18,466	9,975
PM	13,800	-	-	3	5,400	-	-	-	-	-	-	400	8,000
PG	38,025	-	-	-	20,132	1,153	-	-	6,055	-	77	2,520	8,088
WHO---WR	150,602	1	-	13	75,493	4,808	1	5	14,954	-	7,017	42,060	6,270
WT	101,568	3	-	2	79,250	4,909	2	-	16,723	-	-	386	300
WS	10,693	-	-	-	8,964	360	-	-	-	-	-	763	606
WO	125	-	-	-	125	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>593,397</b>	<b>9</b>	<b>-</b>	<b>25</b>	<b>405,616</b>	<b>31,514</b>	<b>3</b>	<b>11</b>	<b>50,077</b>	<b>-</b>	<b>8,356</b>	<b>64,595</b>	<b>33,239</b>
<b>PER CENT OF TOTAL</b>	<b>100.0</b>				<b>68.4</b>	<b>5.3</b>			<b>8.4</b>		<b>1.4</b>	<b>10.9</b>	<b>5.6</b>
<b>1972</b>													
PAHO---PR	301,387	5	-	6	234,341	20,513	-	7	13,904	-	5,695	17,905	9,029
PM	35,450	-	-	-	20,987	954	-	-	2,895	-	116	2,069	8,429
PG	172,388	1	-	13	91,041	5,306	1	5	13,557	-	11,905	46,040	4,539
WHO---WR	101,568	3	-	2	79,250	4,909	2	-	16,723	-	-	386	300
WT	10,066	-	-	-	8,460	360	-	-	-	-	-	682	564
WS	137	-	-	-	137	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>620,996</b>	<b>9</b>	<b>-</b>	<b>21</b>	<b>434,216</b>	<b>32,042</b>	<b>3</b>	<b>12</b>	<b>47,079</b>	<b>-</b>	<b>17,716</b>	<b>67,082</b>	<b>22,861</b>
<b>PER CENT OF TOTAL</b>	<b>100.0</b>				<b>69.9</b>	<b>5.2</b>			<b>7.6</b>		<b>2.8</b>	<b>10.8</b>	<b>3.7</b>

PAHO PR-REGULAR BUDGET  
 PM-SPECIAL FUND FOR MALARIA ERADICATION  
 PG-COMMUNITY WATER SUPPLY  
 WHO WR-REGULAR BUDGET  
 WT-UNITED NATIONS TECHNICAL ASSISTANCE  
 WS-UNITED NATIONS SPECIAL FUND  
 WO-GRANTS AND OTHER FUNDS

WHO WR-REGULAR BUDGET  
 WT-UNITED NATIONS TECHNICAL ASSISTANCE  
 WS-UNITED NATIONS SPECIAL FUND  
 WO-GRANTS AND OTHER FUNDS

DETAILPARAGUAY-0100, COMMUNICABLE DISEASES

COMMUNICABLE DISEASES REMAIN THE PRINCIPAL CAUSES OF DEATH IN PARAGUAY; IN 1966, 47 PER CENT OF THE REGISTERED DEATHS WERE DUE TO COMMUNICABLE DISEASES.

THE PURPOSE OF THIS PROJECT IS TO INCORPORATE THE CONTROL OF COMMUNICABLE DISEASES INTO THE WORK OF THE GENERAL HEALTH SERVICES. SINCE 1965, A DEMONSTRATION PROGRAM HAS BEEN IN OPERATION, WITH THE COOPERATION OF UNICEF, IN AN AREA WHICH INCLUDES THE CAPITAL AND SERVES SOME 700,000 INHABITANTS (33 PER CENT OF THE COUNTRY'S TOTAL POPULATION). PRIORITY IS GIVEN TO THE CONTROL OF SMALLPOX, TETANUS, DIPHTHERIA, PERTUSSIS, TUBERCULOSIS, VENEREAL DISEASES, AND LEPROSY. IT IS PLANNED TO EXTEND THE PROGRAM TO OTHER HEALTH REGIONS IN 1971.

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
								\$	\$	\$	\$
TOTAL		-	2	2	2	TOTAL	PR	-	7,600	9,000	7,000
CONSULTANT MONTHS	PR	-	2	2	2	PERSONNEL-CONSULTANTS		-	3,600	3,600	3,600
TOTAL		-	-	1	1	SUPPLIES AND EQUIPMENT		-	4,000	4,000	2,000
FELLOWSHIPS-SHORT TERM	PR	-	-	1	1	FELLOWSHIPS		-	-	1,400	1,400
						EST. GOVERNMENT CONTRIB.			( 50,000 )	( 50,000 )	( 50,000 )

PARAGUAY-0200, MALARIA ERADICATION

THE CAMPAIGN FOR THE ERADICATION OF MALARIA IN PARAGUAY WAS INTERRUPTED BECAUSE OF BUDGETARY PROBLEMS IN 1961. EXTENSIVE OUTBREAKS OCCURRED IN 1966 AND 1967, SUBSIDING SOMEWHAT IN 1968, AND THE NUMBER OF MALARIA CASES IN THE COUNTRY INCREASED FROM 6,732 IN 1965 TO 50,304 IN 1967.

ADEQUATE FINANCING FOR A REVISED PLAN OF OPERATIONS WAS ASSURED IN 1968, AND OPERATIONS WERE INITIATED TO COVER THE ENTIRE POPULATION OF 2,110,000 LIVING IN THE ORIGINALLY MALARIOUS AREAS. ATTACK MEASURES WILL CONTINUE TO BE APPLIED, WITH SPECIAL ATTENTION BEING GIVEN TO HIGH-INCIDENCE REGIONS ASSOCIATED WITH MIGRATION OF PEOPLE INTO COLONIZATION AREAS. NO TECHNICAL PROBLEMS EXIST, AND IT IS ESTIMATED THAT THE ATTACK PHASE WILL BE TERMINATED IN 1973.

DURING 1968, 113,768 BLOOD SLIDES WERE EXAMINED, OF WHICH 20,732 WERE POSITIVE (10.9 PER CENT), AS CONTRASTED TO 50,304 CASES IN 1967 WITH A SLIDE POSITIVITY RATE OF 30.6 PER CENT.

UNICEF AND AID PARTICIPATE IN THE PROJECT.

		4	4	4	4		100,607	89,602	92,664	95,726	
TOTAL						TOTAL					
P-4 MEDICAL OFFICER .0557	PR	1	1	1	1	SUBTOTAL	PR	97,240	89,602	92,664	95,726
P-4 SANITARY ENGINEER .0558	PR	1	1	1	1	PERSONNEL-POSTS		81,962	72,202	75,264	78,326
P-2 SANITARIAN .0560 .0561	PR	2	2	2	2	DUTY TRAVEL		7,958	8,000	8,000	8,000
TOTAL		2	-	-	-	SUPPLIES AND EQUIPMENT		7,320	8,000	8,000	8,000
CONSULTANT MONTHS	PM	2	-	-	-	FELLOWSHIPS		-	1,400	1,400	1,400
TOTAL		-	1	1	1	SUBTOTAL	PM	3,367	-	-	-
FELLOWSHIPS-ACADEMIC	PM	-	-	-	-	PERSONNEL-CONSULTANTS		3,327	-	-	-
FELLOWSHIPS-SHORT TERM	PR	-	1	1	1	FELLOWSHIPS		40	-	-	-
						EST. GOVERNMENT CONTRIB.			(1,014,000)	( 994,000 )	( 815,400 )

PARAGUAY-0201, ECONOMIC BENEFITS OF MALARIA ERADICATION

THE OBJECTIVE OF THIS PROJECT IS TO DETERMINE THE IMPACT OF MALARIA ON ECONOMIC DEVELOPMENT THROUGH STUDY OF FAMILIES AND LOCAL INDUSTRIES IN COLONIZATION AREAS OF PARAGUAY. THE PROJECT IS BEING CONDUCTED IN COOPERATION WITH THE COUNTRY. DATA WILL BE COLLECTED THROUGH TWO-WEEKLY VISITS TO FARM FAMILIES AND AT LONGER INTERVALS TO SMALL INDUSTRIES. THE EFFECT OF MALARIA INCIDENCE ON SUCH FACTORS AS AGRICULTURAL PRODUCTION, ECONOMIC STATUS OF INDIVIDUAL HOUSEHOLDS, FARM IMPROVEMENTS, AND PRODUCTIVITY AND PROFITABILITY OF SMALL BUSINESS WILL BE STUDIED. THE PROJECT BEGAN IN 1968 AND IS EXPECTED TO CONTINUE UNTIL 1972.

		-	2	3	-		20,855	14,600	13,800	-	
TOTAL						TOTAL	PM				
CONSULTANT MONTHS	PM	-	2	3	-	PERSONNEL-CONSULTANTS		-	3,600	5,400	-
						SUPPLIES AND EQUIPMENT		455	1,500	400	-
						LOCAL COSTS		20,400	9,500	8,000	-

PARAGUAY-0300, SMALLPOX ERADICATION

IN 1964 SMALLPOX REAPPEARED IN THE COUNTRY. IN ACCORDANCE WITH THE CONTINENTAL PROGRAM, THE PURPOSE OF THIS PROJECT IS TO ASSIST THE GOVERNMENT OF PARAGUAY IN AN INTENSIVE VACCINATION CAMPAIGN AND TO ORGANIZE MAINTENANCE AND EPIDEMIOLOGICAL SURVEILLANCE ACTIVITIES. THE PLAN IS TO VACCINATE 98 PER CENT OF THE POPULATION (2,300,000 PERSONS) DURING A FOUR-YEAR PERIOD BEGINNING IN 1969, ASSURING THE IMMUNITY LEVEL THROUGH VACCINATION OF 90 PER CENT OF THE CHILDREN BORN BEGINNING IN 1970, AND REVACCINATION OF 20 PER CENT OF THE POPULATION BEGINNING IN 1973.

	FUNC	1969	1970	1971	1972		FUND	1969	1970	1971	1972
								\$	\$	\$	\$
TOTAL		1	1	1	1	TOTAL	WR	13,752	39,000	39,000	39,000
FELLOWSHIPS-SHORT TERM	WP	1	1	1	1	SUPPLIES AND EQUIPMENT		13,333	37,000	37,000	37,000
						FELLOWSHIPS		419	2,000	2,000	2,000
						EST. GOVERNMENT CONTRIB.			( 50,000)	( 90,000)	( 90,000)

PARAGUAY-2100, ENVIRONMENTAL SANITATION

THE MAIN OBJECTIVE OF THIS PROJECT IS TO ASSIST THE GOVERNMENT IN PLANNING AND IMPLEMENTING PROGRAMS TO MEET THE COUNTRY'S MOST PRESSING ENVIRONMENTAL SANITATION NEEDS. PRIORITY IS GIVEN TO WATER SUPPLY AND SEWERAGE SYSTEMS IN URBAN AND RURAL AREAS OF THE COUNTRY, BUT THE PROJECT ALSO COVERS COLLECTION AND DISPOSAL OF SOLID WASTES, HOUSING AND URBANIZATION, USE OF INSECTICIDES IN AGRICULTURE, AND FOOD AND MILK SANITATION. TRAINING ACTIVITIES WILL INCLUDE THE PREPARATION OF PROFESSIONAL AND NON-PROFESSIONAL PERSONNEL, AS WELL AS PROGRAMS OF CONTINUING EDUCATION FOR ENGINEERS AT UNIVERSITIES.

AN ENVIRONMENTAL SANITATION PLAN HAS BEEN DRAWN UP AND INCLUDED IN THE FIVE-YEAR PLAN (1969-1973). WITH THE FINANCIAL ASSISTANCE OF THE INTER-AMERICAN DEVELOPMENT BANK AND OF UNICEF, THE FIRST STEPS WILL BE TO CONSTRUCT 110,000 LATRINES, DRILL 80 WELLS, BORE 10,000 PUBLIC WELLS, AND BUILD 100 WATER SUPPLY SYSTEMS.

THE ORGANIZATION WILL CONTRIBUTE TECHNICAL ASSISTANCE AND TRAIN PERSONNEL THROUGH FELLOWSHIPS AND COURSES.

		1969	1970	1971	1972		FUND	1969	1970	1971	1972
TOTAL		-	1	-	-	TOTAL	PR	-	3,600	1,400	1,400
CONSULTANT MONTHS	PR	-	1	-	-	PERSONNEL-CONSULTANTS		-	1,800	-	-
TOTAL		-	1	1	1	SUPPLIES AND EQUIPMENT		-	400	-	-
						FELLOWSHIPS		-	1,400	1,400	1,400
FELLOWSHIPS-SHORT TERM	PR	-	1	1	1	EST. GOVERNMENT CONTRIB.			( 450,000)	( 450,000)	( 470,000)

PARAGUAY-2200, WATER SUPPLIES

THE PURPOSE OF THIS PROJECT IS TO ASSIST THE GOVERNMENT IN REACHING THE GOALS IT HAS SET ITSELF IN ITS WATER SUPPLY AND SEWERAGE ACTIVITIES. THESE GOALS, ESTABLISHED IN 1967 FOR THE PERIOD 1968-1971, ARE TO PROVIDE 45 PER CENT OF THE URBAN POPULATION WITH WATER SUPPLY SERVICES THROUGH HOUSE CONNECTIONS AND 8 PER CENT OF THE RURAL POPULATION THROUGH HOUSE CONNECTIONS OR PUBLIC HYDRANTS, AS WELL AS TO PROVIDE 45 PER CENT OF THE URBAN POPULATION WITH SEWERAGE SERVICES. IT IS PLANNED TO SPEND A TOTAL OF \$14.3 MILLION TO REACH THESE GOALS.

IN 1969, 17 PER CENT OF THE URBAN POPULATION HAD WATER SUPPLY SERVICES THROUGH HOUSE CONNECTIONS, AND 6 PER CENT OF THE RURAL POPULATION WERE SERVED BY HOUSE CONNECTIONS OR PUBLIC HYDRANTS. FIVE PER CENT OF THE URBAN POPULATION HAD SEWERAGE SYSTEM SERVICES.

		1969	1970	1971	1972		FUND	1969	1970	1971	1972
TOTAL		-	-	1	1	TOTAL	PR	-	-	3,200	3,200
CONSULTANT MONTHS	PR	-	-	1	1	PERSONNEL-CONSULTANTS		-	-	1,800	1,800
TOTAL		-	-	1	1	FELLOWSHIPS		-	-	1,400	1,400
FELLOWSHIPS-SHORT TERM	PR	-	-	1	1	EST. GOVERNMENT CONTRIB.				( 4,000)	( 4,000)





PARAGUAY-4100, MATERNAL AND CHILD HEALTH

THE PURPOSE OF THIS PROJECT IS TO EXTEND SERVICES FOR THE PROTECTION OF THE HEALTH OF MOTHERS AND CHILDREN AND TO IMPROVE THEIR QUALITY, ESPECIALLY IN RURAL AREAS. SPECIAL EMPHASIS WILL BE PLACED ON THE DEVELOPMENT OF TRAINING ACTIVITIES IN THE FIELD OF NURSING-OBSTETRICS AND ON THE TRAINING OF AUXILIARIES.

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
								\$	\$	\$	\$
TOTAL		-	1	1	1	TOTAL	WT	-	16,600	32,600	32,600
P-3 NURSE MIDWIFE 4,0567	WT	-	1	1	1	PERSONNEL-POSTS		-	11,500	22,500	22,500
						PERSONNEL-CONSULTANTS		-	-	4,000	4,000
						DUTY TRAVEL		-	500	1,500	1,500
TOTAL		-	-	2	2	FELLOWSHIPS		-	4,600	4,600	4,600
CONSULTANT MONTHS	WT	-	-	2	2	EST. GOVERNMENT CONTRIB.			( 500,000)	( 500,000)	( 510,000)
TOTAL		-	1	1	1						
FELLOWSHIPS-ACADEMIC	WT	-	1	1	1						

PARAGUAY-4801, CHRONIC DISEASES

THE PURPOSE OF THIS PROJECT IS TO COOPERATE IN THE DETERMINATION OF THE INCIDENCE, PREVALENCE, AND MORTALITY OF CERTAIN CHRONIC DISEASES IN A PILOT AREA OF 550,000 INHABITANTS IN ASUNCION AND SOME NEIGHBORING DISTRICTS. THE STUDY IS ALSO EXPECTED TO PROVIDE THE BASIS FOR PLANNING, ADMINISTRATION, AND EVALUATION OF A CANCER PREVENTION AND CONTROL PROGRAM IN THE PILOT AREA. THIS PROGRAM WILL LATER BE EXTENDED TO THE ENTIRE COUNTRY.

TOTAL		-	-	1	1	TOTAL	PR	-	-	4,200	3,200
CONSULTANT MONTHS	PR	-	-	1	1	PERSONNEL-CONSULTANTS		-	-	1,800	1,800
						SUPPLIES AND EQUIPMENT		-	-	1,000	-
TOTAL		-	-	1	1	FELLOWSHIPS		-	-	1,400	1,400
FELLOWSHIPS-SHORT TERM	PR	-	-	1	1	EST. GOVERNMENT CONTRIB.				( 100,000)	( 100,000)

PARAGUAY-6200, MEDICAL EDUCATION

THE PURPOSE OF THIS PROJECT IS TO STRENGTHEN MEDICAL EDUCATION BY INTEGRATING PREVENTIVE AND SOCIAL MEDICINE INTO THE PROGRAMS AT THE UNDERGRADUATE AND RURAL INTERNSHIP LEVELS AND TO IMPROVE THE PEDAGOGICAL APPROACH TO THE TEACHING OF MEDICINE.

COURSES AND SEMINARS WILL BE ORGANIZED FOR STUDENTS, TEACHERS, AND DOCTORS IN PRIVATE PRACTICE. TRAINING IN STATISTICS WILL BE GIVEN IN 1970 AND ADMINISTRATION AND HEALTH PLANNING IN 1971 AND 1972.

TOTAL		1	1	1	1	TOTAL	PR	2,140	4,500	4,700	4,700
CONSULTANT MONTHS	PR	1	1	1	1	PERSONNEL-CONSULTANTS		540	1,800	1,800	1,800
						SUPPLIES AND EQUIPMENT		-	500	500	500
TOTAL		1	1	1	1	FELLOWSHIPS		1,600	1,400	1,400	1,400
FELLOWSHIPS-SHORT TERM	PR	1	1	1	1	GRANTS		-	800	1,000	1,000
						EST. GOVERNMENT CONTRIB.				( 500,000)	( 500,000)
										( 500,000)	( 500,000)

PARAGUAY-6400, SANITARY ENGINEERING EDUCATION

THE PURPOSE OF THIS PROJECT IS TO ASSIST IN ORGANIZING SEMINARS AND SHORT COURSES IN SPECIALIZED FIELDS OF SANITARY ENGINEERING IN ORDER TO TRAIN PERSONNEL FOR WATER SUPPLY, SEWAGE DISPOSAL, AND OTHER SANITATION PROGRAMS AND TO STRENGTHEN THE TEACHING OF SANITARY ENGINEERING SUBJECTS IN THE REGULAR CIVIL ENGINEERING COURSES.

ONE COURSE AND A SEMINAR WILL BE GIVEN IN 1970, AND TWO COURSES EACH YEAR WILL BE GIVEN IN 1971 AND 1972.

. . . CONTINUED

PARAGUAY-6400, SANITARY ENGINEERING EDUCATION . . . CONTINUED

TOTAL	FUND				TOTAL	FUND	1969	1970	1971	1972
	1969	1970	1971	1972			WR	\$	\$	\$
		1	2	1	1		5,283	5,900	2,800	2,800
CONSULTANT MONTHS	WR	1	2	1	1		1,360	3,600	1,800	1,800
							773	1,300	-	1,000
							3,150	1,000	1,000	-
								( 50,000)	( 50,000)	( 50,000)

PARAGUAY-6600, DENTAL EDUCATION

THE PURPOSE OF THIS PROJECT IS TO STRENGTHEN THE TEACHING AT THE DENTAL SCHOOL OF THE NATIONAL UNIVERSITY IN ASUNCION, PARTICULARLY AS REGARDS THE INTEGRATION OF PREVENTIVE AND SOCIAL DENTISTRY INTO BASIC AND CLINICAL COURSES AND THE DEVELOPMENT OF FIELD TRAINING PROGRAMS FOR DENTAL STUDENTS.

IN 1969 A TWO-MONTH COURSE WAS GIVEN TO 15 DENTAL ASSISTANTS OF THE MINISTRY OF HEALTH. A SIMILAR COURSE IS PLANNED FOR 1971.

TOTAL	FUND				TOTAL	PR	1969	1970	1971	1972
	1969	1970	1971	1972			PR	\$	\$	\$
		1	2	2	1		1,528	3,600	3,600	3,200
CONSULTANT MONTHS	PR	1	2	2	1		833	3,600	3,600	1,800
							695	-	-	-
							-	-	-	1,400
FELLOWSHIPS--SHORT TERM	PR	-	-	-	1			( 100,000)	( 100,000)	( 100,000)

PARAGUAY  
PORTIONS OF INTERCOUNTRY PROJECTS

TOTAL AMRO PROJECTS	1969	1970	1971	1972
	\$	\$	\$	\$
	177,626	237,799	265,698	297,598
0106 EPIDEMIOLOGY -- ZONE VI	5,530	8,073	8,435	8,803
0111 EPIDEMIOLOGICAL SURVEILLANCE PROGRAM	-	-	-	1,401
0200 MALARIA TECHNICAL ADVISORY SERVICES	23,324	20,273	21,508	23,191
0217 FIELD INVESTIGATION OF MASS DRUG TREATMENT	209	-	-	-
0218 PROMOTION OF RURAL HLTH SERV AND ERADICATION CAMPAIGNS	1,270	973	1,102	2,230
0219 DATA PROCESSING & OPERATIONS RESEARCH IN MALARIA ERADICATION	-	868	1,656	2,691
0300 SMALLPOX ERADICATION	6,903	8,142	9,860	12,854
0306 SMALLPOX ERADICATION -- ZONE VI	11,624	11,574	12,308	12,912
0307 SEMINARS ON SMALLPOX ERADICATION	-	3,289	3,289	3,289
0408 SEMINAR ON TUBERCULOSIS CONTROL	-	-	1,006	-
0409 COURSES ON TUBERCULOSIS - EPIDEMIOLOGY	632	1,726	2,167	2,167
0410 COURSES ON TUBERCULOSIS - BACTERIOLOGY	437	1,474	1,700	1,700
0500 LEPRECY CONTROL	326	469	527	604
0600 VENEREAL DISEASE CONTROL	98	408	144	432
0700 PAN AMERICAN ZOOZOSES CENTER	19,356	21,266	21,194	23,426
0708 RABIES CONTROL	-	-	-	675
0713 SEMINAR ON ANIMAL TUBERCULOSIS	-	2,140	-	-
0714 SYMPOS ON THE HLTH ASPECTS OF THE INTERNAL MOVHNT OF ANIMALS	-	-	-	1,025
0718 SEMINAR ON EPIDEMIOLOGY OF THE ZOOZOSES	-	-	-	1,466
1008 CHAGAS* DISEASE	223	229	270	540
2100 ENVIRONMENTAL SANITATION	133	351	351	599
2106 SANITARY ENGINEERING -- ZONE VI	5,746	6,270	6,538	6,808
2112 AIR POLLUTION CONFERENCE	81	-	-	-
2114 PAN AMERICAN SANITARY ENGINEERING CENTER	4,780	8,230	10,425	11,143
2116 CONFERENCE ON INTEGRATION OF ENVIRONMENTAL PROGRAMS	-	-	-	1,090
2200 WATER SUPPLIES	4,562	2,093	3,286	3,487
2213 STUDIES AND INVESTIGATIONS OF WATER RESOURCES	1,944	2,600	1,377	1,377
2214 SEMINAR ON WATER POLLUTION CONTROL	-	831	-	-
2215 APPLIED RESEARCH ON WATER SUPPLIES	347	-	150	300
2220 PUBLIC SERVICES ADMINISTRATION	-	1,977	2,117	2,266
2222 SEMINAR ON LOANS & PROJECT DEVELOPMENT	-	-	-	969
2223 SEMINARS ON PUBLIC SERVICES ADMINISTRATION	-	-	-	466
2224 CONFERENCE ON RECENT ADVANCES IN WATER TREATMENT	-	-	-	858
2400 PUBLIC HEALTH ASPECTS OF HOUSING AND URBANIZATION	-	209	218	227

## PARAGUAY - PORTIONS OF INTERCOUNTRY PROJECTS . . . CONTINUED

3110	COORDINATION OF INTERNATIONAL RESEARCH	2,014	1,244	1,361	1,966
3122	DEVELOPMENT OF RIO PLATA BASIN	12,790	14,493	16,186	22,696
3124	APPLICATION OF DATA PROCESSING TO HEALTH ADMINISTRATION	403	-	-	-
3129	RESEARCH TRAINING IN BIOMEDICAL SCIENCES	-	1,696	1,696	848
3130	CONFERENCE ON MYCOLOGY	-	1,127	-	-
3200	NURSING SERVICES	243	861	918	1,199
3206	NURSING -- ZONE VI	2,256	5,517	5,766	6,020
3210	HOSPITAL NURSING SERVICES	24	928	1,136	1,201
3211	SEMINAR ON PLANNING FOR NURSING	-	945	-	-
3300	LABORATORY SERVICES	424	494	514	514
3306	LABORATORY SERVICES -- ZONE VI	-	-	3,491	5,923
3310	CONFERENCE ON VIRAL AND RICKETTSIAL VACCINES	-	1,405	-	-
3311	TRAINING LABORATORY PERSONNEL	-	798	623	686
3400	HEALTH EDUCATION	57	248	372	372
3407	COMMUNITY DEVELOPMENT TRAINING CENTER	1,224	1,117	1,210	1,185
3409	STUDY GROUP ON HEALTH EDUCATION AND PLANNING	1,056	-	-	-
3500	HEALTH STATISTICS	14	-	349	306
3506	HEALTH STATISTICS -- ZONE VI	2,771	2,581	2,702	2,824
3516	REGIONAL SEMINAR ON DATA PROCESSING	-	618	-	-
3600	ADMINISTRATIVE METHODS AND PRACTICES IN PUBLIC HEALTH	1,635	1,576	1,612	2,272
3606	ADMINISTRATIVE METHODS AND PRACTICES - ZONE VI	5,496	5,893	6,115	6,337
3607	MANAGEMENT OF HEALTH SERVICES	-	-	5,243	5,243
3700	HEALTH PLANNING	2,040	4,078	3,794	3,960
3706	HEALTH PLANNING - ZONE VI	4,621	5,918	6,140	6,362
3715	PAN AMERICAN PROGRAM FOR HEALTH PLANNING	5,020	15,192	12,091	11,389
4100	MATERNAL AND CHILD HEALTH	63	399	436	1,443
4108	CLINICAL AND SOCIAL PEDIATRICS	774	1,335	1,335	1,335
4109	NURSING MIDWIFERY	2,617	4,749	2,722	2,858
4115	NURSING-MIDWIFERY EDUCATION	609	-	-	-
4116	FACULTY TRAINING IN MATERNAL AND CHILD HEALTH	-	-	2,262	-
4117	STAFFING MATERNAL AND CHILD HEALTH SERVICES	-	286	286	-
4118	STUDY GROUP ON GUIDE FOR NURSING-MIDWIFERY SERVICES	-	-	-	1,266
4119	MATERNAL AND CHILD HEALTH FELLOWSHIPS	-	1,656	708	885
4200	NUTRITION ADVISORY SERVICES	249	378	575	585
4203	INSTITUTE OF NUTRITION OF CENTRAL AMERICA AND PANAMA	8,693	7,106	6,971	7,350
4211	RESEARCH IN PROTEIN-CALORIE MALNUTRITION	-	-	268	268
4221	SEMINAR ON NUTRITION IN FOOD AND HEALTH POLICIES	143	-	199	199
4230	NUTRITION TRAINING	1,295	1,174	609	766
4233	NUTRITION TEACHING IN MEDICAL SCHOOLS	-	-	572	572
4236	NUTRITION RESEARCH	-	360	360	360
4300	MENTAL HEALTH	-	-	450	-
4311	STUDY GROUP ON ADM. OF PSYCHIATRIC & MENTAL HEALTH SERVICES	745	-	-	-
4312	COURSES IN COMMUNITY PSYCHIATRY	-	-	468	-
4315	STUDY GROUP ON TRAINING PSYCHIATRISTS	-	-	-	612
4400	DENTAL HEALTH	627	549	549	924
4409	FLUORIDATION	3,740	3,550	3,281	3,177
4500	HEALTH ASPECTS OF RADIATION	-	-	844	-
4507	RADIATION HEALTH PROTECTION	1,381	1,301	1,331	1,361
4700	FOOD AND DRUG CONTROL	1,549	1,646	1,708	1,769
4708	FOOD HYGIENE TRAINING CENTER	-	-	1,274	1,834
4711	FOOD AND DRUG CONTROL SEMINAR	-	741	-	-
4800	MEDICAL CARE SERVICES	1,537	835	1,161	1,182
4810	CHRONIC DISEASES	1,006	1,239	1,293	1,346
4813	HOSPITAL PLANNING AND ADMINISTRATION	152	268	2,371	2,412
4815	TRAINING FOR MEDICAL CARE AND HOSPITAL ADMINISTRATION	160	198	1,102	1,286
4819	SEMINAR ON CANCER REGISTRATION	636	-	-	-
4900	HEALTH AND POPULATION DYNAMICS	8,766	19,595	18,048	13,820
5000	REHABILITATION	739	1,673	2,402	2,368
5008	SEMINAR ON REHABILITATION	-	1,245	-	-
6000	MEDICAL EDUCATION - TEXTBOOKS AND TEACHING	634	297	297	357
6200	MEDICAL EDUCATION	676	607	587	604
6210	TEACHING METHODS AND ADMIN ORGANIZATION OF MED SCHS	2,275	4,437	4,953	5,173
6214	FACULTY TRAINING FOR MEDICAL SCHOOLS	-	1,770	-	-
6216	PREVENTIVE MEDICINE EDUCATION	2,872	2,124	1,716	1,788
6221	LIBRARY OF MEDICINE	-	-	7,227	9,504
6222	SEMINAR ON TEACHING PREVENTIVE AND SOCIAL MEDICINE	-	959	-	-
6223	TEACHING OF BEHAVIORAL SCIENCES	341	528	7,528	7,528
6225	SURVEY OF FELLOWSHIP PROGRAMS	-	-	259	-
6226	COMMUNITY-CENTERED RESEARCH IN MEDICAL EDUCATION	-	-	-	1,037
6300	NURSING EDUCATION	723	294	294	462
6317	SEMINAR ON NURSING EDUCATION	-	-	1,967	1,967
6319	TRAINING OF NURSING AUXILIARIES	-	1,430	1,695	2,140
6400	SANITARY ENGINEERING EDUCATION	642	555	561	583
6500	VETERINARY MEDICINE EDUCATION	-	403	403	434
6600	DENTAL EDUCATION	715	322	636	653

## PARAGUAY - PORTIONS OF INTERCOUNTRY PROJECTS . . . CONTINUED

6608	TRAINING OF AUXILIARY DENTAL PERSONNEL	165	296	296	566
6609	LATIN AMERICAN ASSOCIATION OF DENTAL SCHOOLS	120	120	120	120
6700	BIOSTATISTICS EDUCATION	300	1,020	1,020	1,020
6707	LATIN AMERICAN CENTER FOR THE CLASSIFICATION OF DISEASES	878	1,011	1,186	1,213
6708	TRAINING PROGRAM IN HOSPITAL STATISTICS	738	1,149	1,263	1,328
6709	RESEARCH TRAINING PROGRAMS IN HEALTH AND POPULATION	1,453	-	-	-

## PARAGUAY

## SUMMARY OF INVESTMENTS BY SOURCE OF FUNDS

SOURCE OF FUNDS	*-----COUNTRY PROJECTS-----*				*-----PORTIONS OF INTER-COUNTRY PROJECTS-----*			
	1969	1970	1971	1972	1969	1970	1971	1972
TOTAL FUNDS	241,750	292,130	327,699	323,398	177,626	237,799	265,698	297,598
PR PAHO REGULAR	135,818	132,030	142,535	141,840	83,412	125,940	136,049	159,547
PM PAHO SPECIAL MALARIA	24,222	14,600	13,800	-	9,597	-	-	-
PG PAHO GRANTS & OTHER CONTRIB.	-	-	-	-	33,398	42,500	38,025	35,450
WR WHO REGULAR	51,951	72,100	84,964	95,158	44,277	51,830	65,638	77,230
WT WHO TECHNICAL ASSISTANCE	29,759	73,400	86,400	86,400	2,244	3,620	15,168	15,168
WS UNITED NATIONS SPECIAL FUND	-	-	-	-	4,587	13,794	10,693	10,066
WD WHO GRANTS & OTHER FUNDS	-	-	-	-	111	115	125	137

SOURCE OF FUNDS	*-----TOTAL ALL PROJECTS-----*			
	1969	1970	1971	1972
TOTAL FUNDS	419,376	529,929	593,397	620,996
PR PAHO REGULAR	219,230	257,970	278,584	301,387
PM PAHO SPECIAL MALARIA	33,819	14,600	13,800	-
PG PAHO GRANTS & OTHER CONTRIB.	33,398	42,500	38,025	35,450
WR WHO REGULAR	96,228	123,930	150,602	172,388
WT WHO TECHNICAL ASSISTANCE	32,063	77,020	101,568	101,568
WS UNITED NATIONS SPECIAL FUND	4,587	13,794	10,693	10,066
WD WHO GRANTS & OTHER FUNDS	111	115	125	137



## URUGUAY

## PROGRAM BUDGET

1 9 6 9		1 9 7 0				1 9 7 1		1 9 7 2	
AMOUNT	PERCENT	AMOUNT	PERCENT			AMOUNT	PERCENT	AMOUNT	PERCENT
\$		\$				\$		\$	
107,525	26.8	174,541	26.7	I. PROTECTION OF HEALTH		186,339	25.8	163,203	22.0
47,892	11.9	73,621	11.2	A. COMMUNICABLE DISEASES		98,550	13.6	105,548	14.2
2,764	.7	8,073	1.2	0100 GENERAL		13,235	1.8	15,002	2.0
13,675	3.4	33,574	5.1	0300 SMALLPOX		34,307	4.7	34,911	4.7
2,138	.5	6,400	1.0	0400 TUBERCULOSIS		9,750	1.4	7,736	1.1
162	*	234	*	0500 LEPROSY		263	*	1,658	.2
97	*	408	.1	0600 VENEREAL DISEASES		144	*	432	*
20,649	5.2	23,402	3.6	0700 ZOONOSES		39,051	5.4	45,809	6.2
8,407	2.1	1,530	.2	1000 PARASITIC DISEASES		1,800	.3	-	-
59,633	14.9	100,920	15.5	B. ENVIRONMENTAL HEALTH		87,789	12.2	57,655	7.8
18,360	4.6	23,740	3.6	2100 GENERAL		25,058	3.5	27,258	3.7
41,299	10.3	76,092	11.7	2200 WATER SUPPLIES		61,606	8.5	29,235	4.0
64	*	1,088	.2	2400 HOUSING		1,125	.2	1,162	.1
245,132	61.4	424,629	65.0	II. PROMOTION OF HEALTH		468,894	64.5	481,891	65.6
147,534	36.9	173,582	26.6	A. GENERAL SERVICES		166,214	22.9	180,975	24.6
90,493	22.6	77,477	11.9	3100 GENERAL PUBLIC HEALTH		69,594	9.6	83,639	11.3
1,820	.5	4,290	.7	3200 NURSING		3,043	.4	2,721	.4
423	.1	2,697	.4	3300 LABORATORY		4,628	.6	16,823	2.3
3,168	.8	1,364	.2	3400 HEALTH EDUCATION		1,582	.2	1,557	.2
7,467	1.9	10,998	1.7	3500 STATISTICS		9,450	1.3	9,330	1.3
26,823	6.7	41,442	6.3	3600 ADMINISTRATIVE METHODS		47,831	6.6	37,601	5.1
17,340	4.3	35,314	5.4	3700 HEALTH PLANNING		30,086	4.2	29,304	4.0
97,598	24.5	251,047	38.4	B. SPECIFIC PROGRAMS		302,680	41.6	300,916	41.0
49,831	12.5	180,447	27.6	4100 MATERNAL AND CHILD HEALTH		218,145	30.0	219,290	29.8
10,379	2.6	8,071	1.2	4200 NUTRITION		11,113	1.5	11,807	1.6
5,505	1.4	180	*	4300 MENTAL HEALTH		-	-	1,352	.2
4,367	1.1	4,099	.6	4400 DENTAL HEALTH		4,344	.6	5,130	.7
1,381	.3	1,301	.2	4500 RADIATION AND ISOTOPES		4,231	.6	2,230	.3
2,711	.7	1,637	.3	4600 OCCUPATIONAL HEALTH		1,907	.3	1,972	.3
1,549	.4	9,986	1.5	4700 FOOD AND DRUG		10,181	1.4	10,802	1.5
10,917	2.7	23,217	3.6	4800 MEDICAL CARE		32,309	4.4	32,146	4.4
10,219	2.6	19,595	3.0	4900 HEALTH AND POPULATION DYNAMICS		18,048	2.5	13,819	1.9
739	.2	2,914	.4	5000 REHABILITATION		2,402	.3	2,368	.3
47,256	11.8	53,962	8.3	III. DEVELOPMENT OF EDUCATIONAL INSTITUTIONS		70,937	9.7	91,430	12.4
-	-	4,200	.6	6100 PUBLIC HEALTH		2,900	.4	8,900	1.2
32,082	8.0	35,506	5.4	6200 MEDICINE		50,267	6.9	58,044	7.9
723	.2	1,724	.3	6300 NURSING		3,956	.5	4,569	.6
11,535	2.9	8,215	1.3	6400 ENVIRONMENTAL SCIENCES		8,890	1.2	8,986	1.2
-	-	403	.1	6500 VETERINARY MEDICINE		403	.1	6,034	.8
1,000	.2	738	.1	6600 DENTISTRY		1,052	.1	1,339	.2
1,916	.5	3,176	.5	6700 BIOSTATISTICS		3,469	.5	3,558	.5
399,913	100.0	653,132	100.0	GRAND TOTAL		726,170	100.0	736,524	100.0

\* LESS THAN .05 PERCENT

## URUGUAY

## SUMMARY OF INVESTMENT

SOURCE OF FUNDS	TOTAL AMOUNT	PERSONNEL			*--DUTY--* TRAVEL AMOUNT	*--FELLOWSHIPS--*		*--SEMINARS--*		*SUPPLIES* AND EQUIPMENT	*--GRANTS--* AND OTHER		
		POSTS PROF.	LOCAL	STC MONTH		AMOUNT	ACAD.	SHORT	AMOUNT			PART.	AMOUNT
	\$				\$			\$		\$	\$		
1969													
PAHO---PR	206,710	1	-	12	99,049	10,658	-	1	2,071	-	4,082	47,861	42,989
PW	19,589	-	-	1	1,750	-	-	14	11,097	-	491	6,251	-
PG	35,323	-	-	-	18,882	1,082	-	-	3,427	-	3,052	3,751	5,129
WHO---WR	110,273	2	-	1	59,989	2,613	7	11	37,599	-	1,934	5,421	2,717
WT	20,259	1	-	-	18,853	1,106	-	-	-	-	-	-	300
WS	7,648	-	-	-	5,724	453	-	-	-	-	-	1,026	445
WO	111	-	-	-	111	-	-	-	-	-	-	-	-
TOTAL	399,913	4	-	14	204,358	15,912	7	26	54,194	-	9,559	64,310	51,580
PER CENT OF TOTAL	100.0				51.1	4.0			13.5		2.4	16.1	12.9
1970													
PAHO---PR	224,970	2	-	2	129,243	13,340	-	10	18,757	-	3,256	6,714	53,660
PW	50,000	-	-	10	18,000	-	-	5	7,000	-	-	25,000	-
PG	131,475	6	-	-	105,447	5,973	-	-	7,268	-	2,327	5,263	5,197
WHO---WR	183,962	3	-	22	129,604	5,311	1	1	9,083	-	6,541	29,258	4,165
WT	39,620	2	-	-	36,586	2,150	-	-	384	-	-	200	300
WS	22,990	-	-	-	17,416	600	-	-	-	-	-	4,069	905
WO	115	-	-	-	115	-	-	-	-	-	-	-	-
TOTAL	653,132	13	-	34	436,411	27,374	1	16	42,492	-	12,124	70,504	64,227
PER CENT OF TOTAL	100.0				66.8	4.2			6.5		1.9	10.8	9.8
1971													
PAHO---PR	244,366	3	-	2	158,292	14,064	-	6	13,794	-	1,034	8,663	48,519
PW	35,600	-	-	12	21,600	-	-	10	14,000	-	-	-	-
PG	160,144	6	-	-	137,260	6,153	-	-	6,055	-	77	2,518	8,081
WHO---WR	192,945	2	-	21	129,622	5,655	1	5	17,278	-	5,752	29,728	4,910
WT	75,168	3	-	-	64,250	3,909	-	-	6,323	-	-	386	300
WS	17,822	-	-	-	14,940	600	-	-	-	-	-	1,272	1,010
WO	125	-	-	-	125	-	-	-	-	-	-	-	-
TOTAL	726,170	14	-	35	526,089	30,381	1	21	57,450	-	6,863	42,567	62,820
PER CENT OF TOTAL	100.0				72.5	4.2			7.9		.9	5.9	8.6
1972													
PAHO---PR	302,952	4	-	7	199,245	14,143	-	13	23,544	-	4,810	11,717	49,493
PG	138,728	5	-	-	119,274	5,954	-	-	2,895	-	116	2,068	8,421
WHO---WR	214,762	2	-	26	142,872	5,655	1	12	25,552	-	9,486	27,108	4,089
WT	63,168	2	-	-	52,750	3,409	-	-	6,323	-	-	386	300
WS	16,777	-	-	-	14,100	600	-	-	-	-	-	1,137	940
WO	137	-	-	-	137	-	-	-	-	-	-	-	-
TOTAL	736,524	13	-	33	528,378	29,761	1	25	58,314	-	14,412	42,416	63,243
PER CENT OF TOTAL	100.0				71.7	4.1			7.9		2.0	5.7	8.6

PAHO PR-REGULAR BUDGET  
 PM-SPECIAL FUND FOR MALARIA ERADICATION  
 PW-COMMUNITY WATER SUPPLY  
 PG-GRANTS AND OTHER CONTRIBUTIONS  
 PI-INCAP AND OTHER RELATED GRANTS

WHO WR-REGULAR BUDGET  
 WA-MALARIA ERADICATION SPECIAL ACCOUNT  
 WT-UNITED NATIONS TECHNICAL ASSISTANCE  
 WS-UNITED NATIONS SPECIAL FUND  
 WO-GRANTS AND OTHER FUNDS



DETAILURUGUAY-0100, COMMUNICABLE DISEASE CONTROL

THE PURPOSE OF THIS PROJECT IS TO COOPERATE WITH THE GOVERNMENT IN THE IMPROVEMENT OF ITS COMMUNICABLE DISEASE CONTROL PROGRAMS AND EPIDEMIOLOGICAL SURVEILLANCE ACTIVITIES.

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
								\$	\$	\$	\$
TOTAL		-	-	2	2	TOTAL	WR	-	-	4,800	4,800
FELLOWSHIPS-SHORT TERM	WR	-	-	2	2	SUPPLIES AND EQUIPMENT		-	-	2,000	2,000
						FELLOWSHIPS		-	-	2,800	2,800

URUGUAY-0300, SMALLPOX ERADICATION

SINCE URUGUAY LIES BETWEEN TWO COUNTRIES WHERE SMALLPOX IS ENDEMIC, THE GOVERNMENT WILL PERMANENTLY MAINTAIN AT LEAST 80 PER CENT OF THE POPULATION PROTECTED AGAINST THE DISEASE, WITH SPECIAL EMPHASIS ON THE BORDER AREAS. IT WILL ORGANIZE A PROGRAM OF MAINTENANCE AND EPIDEMIOLOGICAL SURVEILLANCE AND INITIATE THE PRODUCTION OF FREEZE-DRIED SMALLPOX VACCINE.

TOTAL		-	1	1	1	TOTAL	WR	2,051	22,000	22,000	22,000
FELLOWSHIPS-SHORT TERM	WR	-	1	1	1	SUPPLIES AND EQUIPMENT		2,051	20,000	20,000	20,000
						FELLOWSHIPS		-	2,000	2,000	2,000
						EST. GOVERNMENT CONTRIB.			( 50,000 )	( 50,000 )	( 50,000 )

URUGUAY-0701, RABIES CONTROL

IN 1969 THE ORGANIZATION CONTINUED COOPERATING IN THE RABIES CONTROL PROGRAM THROUGH PROVISION OF SOME SUPPLIES AND EQUIPMENT.

TOTAL					
	PR	1,299	-	-	-
SUPPLIES AND EQUIPMENT		1,299	-	-	-

URUGUAY-1000, CHAGAS' DISEASE

THE PURPOSE OF THIS PROJECT IS TO SUPPORT A PROGRAM FOR CONTROL OF CHAGAS' DISEASE. THE PROJECT WILL ENTAIL 1) CONTROL OF THE VECTOR AGENT INSECTS BY HOUSE SPRAYING AND 2) EPIDEMIOLOGICAL INVESTIGATIONS TO DETERMINE MORE PRECISELY THE FREQUENCY AND DISTRIBUTION OF THE DISEASE VECTOR, TO MEASURE THE MORBIDITY CAUSED BY THE INFECTION.

TOTAL					
	PR	7,707	-	-	-
SUPPLIES AND EQUIPMENT		7,707	-	-	-

URUGUAY-2100, ENVIRONMENTAL SANITATION

THE PURPOSE OF THIS PROJECT IS TO COOPERATE WITH VARIOUS GOVERNMENTAL AGENCIES IN PLANNING AND EXECUTING ENVIRONMENTAL SANITATION PROGRAMS. THE PROJECT WILL COVER PROVISION OF WATER AND SEWERAGE SERVICES IN URBAN AND RURAL AREAS, SEWAGE TREATMENT, INDUSTRIAL WASTES DISPOSAL, INDUSTRIAL HYGIENE, AIR AND WATER POLLUTION CONTROL, HOUSING AND URBANIZATION, VECTOR CONTROL, FOOD AND MILK SANITATION, AND THE TRAINING OF PROFESSIONAL AND OTHER PERSONNEL, INCLUDING CONTINUING EDUCATION THROUGH SHORT COURSES.

TOTAL		1	1	1	1	TOTAL		18,531	25,900	25,000	26,400
P-4 SANITARY ENGINEER 4.0591	WT	1	1	1	1	SUBTOTAL	PR	516	1,900	1,000	2,400
TOTAL		-	1	-	1	SUPPLIES AND EQUIPMENT		516	500	1,000	1,000
FELLOWSHIPS-SHORT TERM	PR	-	1	-	1	FELLOWSHIPS		-	1,400	-	1,400
						SUBTOTAL	WT	18,015	24,000	24,000	24,000
						PERSONNEL-POSTS		17,093	22,500	22,500	22,500
						DUTY TRAVEL		922	1,500	1,500	1,500
						EST. GOVERNMENT CONTRIB.			( 600,000 )	( 600,000 )	( 600,000 )

## URUGUAY-2200, WATER SUPPLIES

DURING 1961-1969 URUGUAY OBTAINED INTERNATIONAL LOANS FOR \$18.1 MILLION FOR WATER SUPPLY AND SEWERAGE PROJECTS TOTALING \$42 MILLION. BY 1969, 82 PER CENT OF THE POPULATION IN THE URBAN AREAS HAD WATER SUPPLY SERVICES BY HOUSE CONNECTIONS OR PUBLIC HYDRANTS, WITH 11 PER CENT OF THE RURAL POPULATION ENJOYING SIMILAR SERVICES. FIFTY-TWO PER CENT OF THE URBAN POPULATION HAD SEWERAGE SERVICES. IN 1967, THE GOVERNMENT ESTIMATED IT WOULD ALLOCATE \$52 MILLION DURING 1967-1971 TO PROVIDE BY 1971 ADEQUATE WATER SERVICES FOR 87 PER CENT OF THE URBAN POPULATION THROUGH HOUSE CONNECTIONS AND 59 PER CENT OF THE RURAL POPULATION THROUGH HOUSE CONNECTIONS OR PUBLIC HYDRANTS. IT ALSO PLANNED TO PROVIDE SEWERAGE SERVICES FOR 70 PER CENT OF THE URBAN POPULATION AND 6 PER CENT OF THE RURAL POPULATION.

TOTAL	FUND	1969	1970	1971	1972	TOTAL	FUND	1969	1970	1971	1972
								\$	\$	\$	\$
		1	10	12	-		PW	19,589	50,000	35,600	-
CONSULTANT MONTHS	PW	1	10	12	-	PERSONNEL-CONSULTANTS		1,750	18,000	21,600	-
						SEMINAR COSTS		491	-	-	-
TOTAL		14	5	10	-	SUPPLIES AND EQUIPMENT		6,251	25,000	-	-
						FELLOWSHIPS		11,097	7,000	14,000	-
FELLOWSHIPS-SHORT TERM	PW	14	5	10	-	EST. GOVERNMENT CONTRIB.			( 300,000)	( 300,000)	( 300,000)

## URUGUAY-3100, HEALTH SERVICES

THE PURPOSE OF THIS PROJECT IS TO ASSIST IN DEVELOPING HEALTH SERVICES, USING THE EXPERIENCE GAINED IN FIVE DEPARTMENTS, AND TO EXTEND THE SERVICES TO THE WHOLE COUNTRY. A NATIONAL PLAN FOR REORGANIZING AND CONSTRUCTING HOSPITALS HAS BEEN PREPARED, AND SURVEYS HAVE BEEN CARRIED OUT TO ASCERTAIN PROBLEMS AND RESOURCES WITH REGARD TO HOUSING, WATER SUPPLY, SEWAGE AND GARBAGE DISPOSAL, NUTRITION, MEDICAL CARE, AND THE PROVISION OF HEALTH SERVICES IN GENERAL.

TRAINING OF PERSONNEL HAS BEEN INTENSIFIED AND SHORT COURSES HAVE BEEN HELD IN NURSING, INDUSTRIAL HEALTH, NUTRITION, AND CLINICAL AND SOCIAL PEDIATRICS.

IN 1970 VARIOUS ADMINISTRATIVE PROCEDURES, RECOMMENDED BY PREVIOUS STUDIES, WILL BE PUT INTO PRACTICE, WHICH WILL SIMPLIFY THE ADMINISTRATIVE PROCESS AND REDUCE COSTS OF OPERATION. IN 1970 AND 1971 THE STUDY OF THE ADMINISTRATIVE PROCESS IN THE MINISTRY OF PUBLIC HEALTH AND ITS DEPENDENT AGENCIES WILL BE COMPLETED.

UNICEF IS COLLABORATING IN THIS PROGRAM.

TOTAL		2	2	2	2	TOTAL		64,305	79,725	78,276	91,383
P-5 PAHO/WHO REPRESENTATIVE 4,3354	WR	1	1	1	1	SUBTOTAL	PR	39,260	32,173	32,161	38,249
P-4 ADMIN. METHODS OFFICER .3380	PR	1	1	1	1	PERSONNEL-POSTS		16,915	20,473	21,361	22,249
TOTAL		3	10	9	13	PERSONNEL-CONSULTANTS		4,073	-	-	-
CONSULTANT MONTHS	PR	3	-	-	-	DUTY TRAVEL		2,777	1,500	1,500	1,500
CONSULTANT MONTHS	WR	-	10	9	13	SUPPLIES AND EQUIPMENT		15,495	2,500	3,000	4,000
TOTAL		-	3	2	5	FELLOWSHIPS		-	4,200	2,800	7,000
						COMMON SERVICES		-	3,500	3,500	3,500
FELLOWSHIPS-SHORT TERM	PR	-	3	2	5	SUBTOTAL	WR	25,045	47,552	46,115	53,134
						PERSONNEL-POSTS		23,950	28,052	28,415	28,234
						PERSONNEL-CONSULTANTS		-	18,000	16,200	23,400
						DUTY TRAVEL		375	1,500	1,500	1,500
						SUPPLIES AND EQUIPMENT		720	-	-	-
						EST. GOVERNMENT CONTRIB.			( 500,000)	( 500,000)	( 500,000)

## URUGUAY-3101, FELLOWSHIPS

FELLOWSHIPS ARE PROVIDED IN ORDER TO TRAIN PERSONNEL FOR THE IMPROVEMENT AND EXPANSION OF HEALTH SERVICES IN THE COUNTRY.

TOTAL		16	4	4	4	TOTAL		29,101	8,200	8,200	8,200
FELLOWSHIPS-ACADEMIC	WR	5	1	1	1	SUBTOTAL	PR	-	4,200	4,200	4,200
FELLOWSHIPS-SHORT TERM	PR	-	3	3	3	FELLOWSHIPS		-	4,200	4,200	4,200
FELLOWSHIPS-SHORT TERM	WR	11	-	-	-	SUBTOTAL	WR	29,101	4,000	4,000	4,000
						FELLOWSHIPS		29,101	4,000	4,000	4,000

URUGUAY-3102, DEVELOPMENT OF SANTA LUCIA BASIN

THE PURPOSE OF THIS PROJECT IS TO STUDY THE SANTA LUCIA RIVER BASIN IN ORDER TO OBTAIN AN ECONOMIC AND TECHNICAL MODEL FOR DEVELOPMENT OF HYDRAULIC RESOURCES WHICH WOULD CONTRIBUTE TO THE MAXIMUM DEVELOPMENT OF THE COUNTRY WITHIN ITS OWN RESOURCES AND LIMITATIONS. IN SO DOING, IT IS EXPECTED THAT A METHODOLOGY WILL BE DEVELOPED WHICH WILL BE APPLICABLE TO OTHER SUBWATERSHEDS IN THE RIO PLATA BASIN AND ELSEWHERE. THE ORGANIZATION IS RESPONSIBLE FOR DATA COLLECTION, ANALYSIS, AND RECOMMENDATIONS REGARDING PUBLIC AND INDUSTRIAL WATER SUPPLY AND WASTE DISPOSAL, WATER QUALITY MANAGEMENT, AND THE DEVELOPMENT OF HEALTH PROPOSALS NECESSARY TO COPE WITH THE PROBLEMS ASSOCIATED WITH WATER DEVELOPMENT PROJECTS TO BE CONSIDERED. THE PROJECT IS A JOINT ONE WITH THE GOVERNMENT OF URUGUAY AND THE ORGANIZATION OF AMERICAN STATES.

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
								\$	\$	\$	\$
TOTAL		3	-	-	-	TOTAL	PR	12,781	5,000	-	-
CONSULTANT MONTHS	PR	3	-	-	-	PERSONNEL-CONSULTANTS		8,781	-	-	-
						GRANTS		4,000	5,000	-	-

URUGUAY-3300, LABORATORY SERVICES

WITH THE EXPANSION OF THE CAMPAIGNS FOR THE ERADICATION OF DISEASES, THE PRODUCTION OF AN ADEQUATE SUPPLY OF BIOLOGICALS HAS BECOME A MATTER OF INCREASING CONCERN. THE PURPOSE OF THIS PROJECT IS TO IMPROVE THE ORGANIZATION OF THE PUBLIC HEALTH LABORATORIES AND THE QUALITY OF THE SERVICES THEY PROVIDE.

		1969	1970	1971	1972			1969	1970	1971	1972
TOTAL		-	-	-	3	TOTAL	PR	-	-	-	9,700
CONSULTANT MONTHS	PR	-	-	-	3	PERSONNEL-CONSULTANTS		-	-	-	5,400
TOTAL		-	-	-	2	SUPPLIES AND EQUIPMENT		-	-	-	1,500
						FELLOWSHIPS		-	-	-	2,800
FELLOWSHIPS-SHORT TERM	PR	-	-	-	2						

URUGUAY-3500, HEALTH STATISTICS

THE PURPOSE OF THIS PROJECT IS TO IMPROVE THE COLLECTION, PROCESSING, TABULATION, AND PROMPT PUBLICATION OF STATISTICS OF BIRTHS, DEATHS, MORBIDITY, RESOURCES OF MANPOWER, AND FACILITIES. NEW RECORDS AND PROCEDURES ARE BEING INTRODUCED INTO HOSPITALS, AND PERSONNEL ARE BEING TRAINED IN HOSPITAL RECORDS AND STATISTICS.

THE REORGANIZATION OF THE DEPARTMENT OF STATISTICS OF THE MINISTRY OF PUBLIC HEALTH WAS BEGUN IN 1969.

		1969	1970	1971	1972			1969	1970	1971	1972
TOTAL		1	-	1	3	TOTAL	WR	4,279	7,800	6,400	6,200
FELLOWSHIPS-ACADEMIC	WR	1	-	-	-	SUPPLIES AND EQUIPMENT		1,135	7,300	4,000	1,000
FELLOWSHIPS-SHORT TERM	WR	-	-	1	3	FELLOWSHIPS		3,144	-	1,400	4,200
						GRANTS		-	500	1,000	1,000
						EST. GOVERNMENT CONTRIB.			( 100,000)	( 100,000)	( 100,000)

URUGUAY-3600, ADMINISTRATIVE METHODS AND PRACTICES IN PUBLIC HEALTH

THE PURPOSE OF THIS PROJECT IS TO PROVIDE ADVISORY SERVICE TO THE MINISTRIES OF HEALTH ON THE ADMINISTRATIVE ASPECTS OF HEALTH PLANNING; IMPROVEMENT IN EXECUTIVE DIRECTION, ORGANIZATIONAL STRUCTURE, AND SPECIFIC ADMINISTRATIVE SERVICES; DEVELOPMENT AND IMPLEMENTATION OF RULES AND PROCEDURES TO PROMOTE OPERATIONAL EFFICIENCY; AND DEVELOPMENT AND OPERATION OF TRAINING COURSES SPECIFICALLY DESIGNED TO IMPROVE EFFICIENCY OF HEALTH SERVICES.

		1969	1970	1971	1972			1969	1970	1971	1972
TOTAL		-	1	1	-	TOTAL	WT	-	12,000	12,000	-
P-4 ADMINISTRATIVE CONSULTANT	WT	-	1	1	-	PERSONNEL-POSTS		-	11,500	11,500	-
4.3608						DUTY TRAVEL		-	500	500	-

URUGUAY-4101, RESEARCH IN MATERNAL AND CHILD HEALTH

THE PURPOSE OF THIS PROJECT IS TO ASSIST THE FACULTY OF MEDICINE OF THE UNIVERSITY OF THE REPUBLIC OF URUGUAY WITH A RESEARCH AND TRAINING PROGRAM ON THE RELATION OF FETAL NUTRITION AND HOMEOSTASIS TO PERINATAL MORTALITY AND MATERNAL AND CHILD HEALTH.

FUND	1969	1970	1971	1972	FUND	1969	1970	1971	1972
	\$	\$	\$	\$		\$	\$	\$	\$
TOTAL					PR	44,924	-	-	-
SUPPLIES AND EQUIPMENT	18,760	-	-	-					
GRANTS	26,164	-	-	-					

URUGUAY-4102, LATIN AMERICAN CENTER FOR PERINATOLOGY AND HUMAN DEVELOPMENT

THE PURPOSE OF THIS PROJECT IS TO PROVIDE A CENTER WITH THE FOLLOWING OBJECTIVES: 1) CARRYING OUT BASIC AND APPLIED RESEARCH ON THE FACTORS THAT CAN INTERVENE IN FETAL AND INFANT DEVELOPMENT, INCLUDING THOSE OF GENETIC, BIOLOGIC, PSYCHOLOGIC, AND SOCIAL ORIGIN, THAT ARE PRESENT DURING PREGNANCY, BIRTH, OR THE PERINATAL PERIOD; 2) DEVELOPMENT OF TRAINING PROGRAMS RELATED TO RESEARCH AND TEACHING IN THE FIELD OF MATERNAL AND CHILD HEALTH; AND 3) ADVISORY SERVICES TO INTERESTED GOVERNMENTS AS WELL AS DISTRIBUTION OF INFORMATION DEVELOPED FROM THE RESEARCH WORK AT THE CENTER.

THE FORD FOUNDATION COOPERATES IN THIS PROJECT.

TOTAL		-	8	8	8	TOTAL	-	170,891	206,721	207,876
P-5 DIRECTOR +3521	PR	-	1	1	1					
P-4 GENETICIST +3504	PG	-	1	1	1	SUBTOTAL	PR	-	63,705	64,726
P-4 NEUROLOGIST +3500	PG	-	1	1	1	PERSONNEL-POSTS	-	23,705	24,726	44,970
P-4 PERINATOLOGIST +3501 +3502 +3503	PG	-	3	3	3	DUTY TRAVEL	-	3,000	3,000	3,000
P-4 STATISTICIAN 4.3054	WR	-	1	1	1	LOCAL COSTS	-	37,000	37,000	37,000
P-3 ELECTRONICS TECHNICIAN +3505	PR	-	-	-	1	SUBTOTAL	PG	-	88,052	122,128
P-3 ELECTRONICS TECHNICIAN +3505	PG	-	1	1	-	PERSONNEL-POSTS	-	83,052	117,128	98,290
						DUTY TRAVEL	-	5,000	5,000	5,000
						SUBTOTAL	WR	-	19,134	19,867
						PERSONNEL-POSTS	-	18,134	18,867	18,616
						DUTY TRAVEL	-	1,000	1,000	1,000

URUGUAY-4300, MENTAL HEALTH

THE URUGUAYAN GOVERNMENT IS IN THE PROCESS OF REORGANIZING ITS SYSTEM OF MENTAL HEALTH CARE. THE ORGANIZATION HAS PROVIDED CONSULTANTSHIPS FOR THAT PURPOSE.

IN 1969, THE INTER-AMERICAN CHILDREN'S INSTITUTE, WITH THE SUPPORT OF THE URUGUAYAN GOVERNMENT AND THE ASSISTANCE OF THE ORGANIZATION, OFFERED A COURSE ON THE EARLY STIMULATION OF THE BRAIN-DAMAGED CHILD. THE COURSE, HELD IN MONTEVIDEO, WAS ATTENDED BY 52 PROFESSIONALS FROM EIGHT COUNTRIES.

TOTAL		1	-	-	-	TOTAL	PR	4,594	-	-
CONSULTANT MONTHS	PR	1	-	-	-	PERSONNEL-CONSULTANTS		1,594	-	-
						GRANTS		3,000	-	-

URUGUAY-4600, INDUSTRIAL HYGIENE

IT IS ESTIMATED THAT 75 PER CENT OF PRESENT INDUSTRIAL ESTABLISHMENTS IN URUGUAY HAVE SERIOUS HAZARDS TO SAFETY AND 65 PER CENT PRESENT RISKS (SUCH AS DUSTS, VAPORS, GASES, AND TEMPERATURES) WHICH SURPASS ACCEPTABLE LEVELS.

THE PURPOSE OF THIS PROJECT IS TO ASSIST IN THE DEVELOPMENT OF A NATIONAL INDUSTRIAL HYGIENE PROGRAM AND TO ADVISE ON LEGISLATION ADEQUATE FOR THE EVALUATION, PREVENTION, AND CONTROL OF OCCUPATIONAL HAZARDS.

TOTAL		1	-	-	-	TOTAL	PR	1,313	-	-
FELLOWSHIPS-SHORT TERM	PR	1	-	-	-	SUPPLIES AND EQUIPMENT		143	-	-
						FELLOWSHIPS		1,170	-	-



URUGUAY-6400, SANITARY ENGINEERING EDUCATION

THE PURPOSE OF THIS PROJECT IS TO COOPERATE WITH THE GOVERNMENT AND THE FACULTY OF ENGINEERING AND SURVEYING OF THE UNIVERSITY OF THE REPUBLIC IN STRENGTHENING THE TEACHING OF SANITARY ENGINEERING IN THE REGULAR ENGINEERING COURSES, IN DEVELOPING FIELD RESEARCH, AND IN PROVIDING A PROGRAM OF CONTINUING EDUCATION FOR PROFESSIONALS THROUGH INTENSIVE SHORT COURSES.

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
								\$	\$	\$	\$
<u>TOTAL</u>		2	2	2	2	<u>TOTAL</u>	PR	10,249	6,600	7,100	7,100
CONSULTANT MONTHS	PR	2	2	2	2	PERSONNEL-CONSULTANTS		2,563	3,600	3,600	3,600
						SUPPLIES AND EQUIPMENT		901	1,000	1,500	1,500
						GRANTS		6,785	2,000	2,000	2,000
						EST. GOVERNMENT CONTRIB.			( 50,000)	( 50,000)	( 50,000)

URUGUAY-6500, VETERINARY MEDICINE EDUCATION

THE PURPOSE OF THIS PROGRAM IS TO COLLABORATE WITH THE SCHOOL OF VETERINARY MEDICINE IN IMPROVING THE TEACHING OF VETERINARY MEDICINE, WITH EMPHASIS ON THE TEACHING OF PUBLIC HEALTH AND PREVENTIVE MEDICINE.

<u>TOTAL</u>		-	-	-	1	<u>TOTAL</u>	WR	-	-	-	5,600
CONSULTANT MONTHS	WR	-	-	-	1	PERSONNEL-CONSULTANTS		-	-	-	1,800
<u>TOTAL</u>		-	-	-	2	SUPPLIES AND EQUIPMENT		-	-	-	1,000
						FELLOWSHIPS		-	-	-	2,800
FELLOWSHIPS-SHORT TERM	WR	-	-	-	2	EST. GOVERNMENT CONTRIB.					( 50,000)

URUGUAY  
PORTIONS OF INTERCOUNTRY PROJECTS

	1969	1970	1971	1972
	\$	\$	\$	\$
<b>TOTAL AMRC PROJECTS</b>	<b>151,740</b>	<b>222,691</b>	<b>249,310</b>	<b>264,942</b>
0106 EPIDEMIOLOGY -- ZONE VI	2,764	8,073	8,435	8,801
0111 EPIDEMIOLOGICAL SURVEILLANCE PROGRAM	-	-	-	1,401
0306 SMALLPOX ERADICATION -- ZONE VI	11,624	11,574	12,307	12,911
0408 SEMINAR ON TUBERCULOSIS CONTROL	-	-	2,014	-
0409 COURSES ON TUBERCULOSIS - EPIDEMIOLOGY	1,265	3,452	4,334	4,334
0410 COURSES ON TUBERCULOSIS - BACTERIOLOGY	873	2,948	3,462	3,402
0500 LEPROSY CONTROL	162	234	263	302
0507 COURSES ON REHAB AND PREVENTION OF DEFORMITIES (LEPROSY)	-	-	-	1,356
0600 VENEREAL DISEASE CONTROL	97	408	144	432
0700 PAN AMERICAN ZOONOSES CENTER - RAMOS MEJIA	19,350	21,262	21,188	23,421
0708 RABIES CONTROL	-	-	-	675
0713 SEMINAR ON ANIMAL TUBERCULOSIS	-	2,140	-	-
0714 SYMPOS ON THE HLTH ASPECTS OF THE INTERNAL MOVMT OF ANIMALS	-	-	-	1,025
0718 SEMINAR ON EPIDEMIOLOGY OF THE ZOONOSES	-	-	-	1,465
1008 CHAGAS' DISEASE	700	1,530	1,800	-
2100 ENVIRONMENTAL SANITATION	133	351	351	599
2106 SANITARY ENGINEERING -- ZONE VI	5,744	6,266	6,534	6,807
2112 AIR POLLUTION CONFERENCE	81	-	-	-
2114 PAN AMERICAN SANITARY ENGINEERING CENTER	4,780	8,230	10,425	11,143
2116 CONFERENCE ON INTEGRATION OF ENVIRONMENTAL PROGRAMS	-	-	-	542
2117 CONFERENCE ON ENVIRONMENTAL RESEARCH	-	-	638	-
2200 WATER SUPPLIES	7,604	3,492	5,480	5,816
2213 STUDIES AND INVESTIGATIONS OF WATER RESOURCES	1,944	2,600	1,377	1,377
2214 SEMINAR ON WATER POLLUTION CONTROL	-	1,864	-	-
2215 APPLIED RESEARCH ON WATER SUPPLIES	347	-	150	300
2220 PUBLIC SERVICES ADMINISTRATION	-	1,977	2,117	2,266
2222 SEMINAR ON LOANS & PROJECT DEVELOPMENT	-	-	-	969
2223 SEMINARS ON PUBLIC SERVICES ADMINISTRATION	-	-	-	466
2224 CONFERENCE ON RECENT ADVANCES IN WATER TREATMENT	-	-	-	858
2400 PUBLIC HEALTH ASPECTS OF HOUSING AND URBANIZATION	-	209	218	227
3110 COORDINATION OF INTERNATIONAL RESEARCH	2,013	1,242	1,360	1,966
3122 DEVELOPMENT OF RIO PLATA BASIN	4,263	4,830	5,395	7,565
3124 APPLICATION OF DATA PROCESSING TO HEALTH ADMINISTRATION	403	-	-	-
3129 RESEARCH TRAINING IN BIOMEDICAL SCIENCES	-	1,696	1,696	848
3130 CONFERENCE ON MYCOLOGY	-	1,127	-	-
3200 NURSING SERVICES	243	861	318	1,199
3206 NURSING -- ZONE VI	4,512	5,515	4,324	3,009
3210 HOSPITAL NURSING SERVICES	24	928	1,136	1,201
3211 SEMINAR ON PLANNING FOR NURSING	-	945	-	-
3300 LABORATORY SERVICES	423	494	514	514
3306 LABORATORY SERVICES -- ZONE VI	-	-	3,491	5,923
3310 CONFERENCE ON VIRAL AND RICKETTSIAL VACCINES	-	1,405	-	-
3311 TRAINING LABORATORY PERSONNEL	-	798	623	686
3400 HEALTH EDUCATION	57	248	372	372
3407 COMMUNITY DEVELOPMENT TRAINING CENTER	1,223	1,116	1,210	1,185
3408 CONFERENCE ON POSTGRADUATE TRAINING IN HEALTH EDUCATION	832	-	-	-
3409 STUDY GROUP ON HEALTH EDUCATION AND PLANNING	1,056	-	-	-
3500 HEALTH STATISTICS	14	-	349	306
3506 HEALTH STATISTICS -- ZONE VI	2,771	2,580	2,701	2,824
3516 REGIONAL SEMINAR ON DATA PROCESSING	-	618	-	-
3600 ADMINISTRATIVE METHODS AND PRACTICES IN PUBLIC HEALTH	1,635	1,576	1,612	2,272
3606 ADMINISTRATIVE METHODS AND PRACTICES - ZONE VI	5,496	5,893	6,115	6,337
3607 MANAGEMENT OF HEALTH SERVICES	-	-	5,243	5,243
3700 HEALTH PLANNING	2,037	4,076	3,794	3,960
3706 HEALTH PLANNING - ZONE VI	6,933	5,918	6,140	6,362
3715 PAN AMERICAN PROGRAM FOR HEALTH PLANNING	8,370	25,320	20,157	18,982
4100 MATERNAL AND CHILD HEALTH	63	399	436	1,443
4108 CLINICAL AND SOCIAL PEDIATRICS	774	1,335	1,335	1,335
4109 NURSING MIDWIFERY	2,616	4,749	5,444	5,717
4113 NURSING-MIDWIFERY EDUCATION	609	-	-	-
4116 FACULTY TRAINING IN MATERNAL AND CHILD HEALTH	-	-	2,262	-
4117 STAFFING MATERNAL AND CHILD HEALTH SERVICES	-	286	286	-
4118 STUDY GROUP ON GUIDE FOR NURSING-MIDWIFERY SERVICES	-	-	-	1,266
4119 MATERNAL AND CHILD HEALTH FELLOWSHIPS	-	1,656	708	885
4200 NUTRITION ADVISORY SERVICES	248	378	574	585
4203 INSTITUTE OF NUTRITION OF CENTRAL AMERICA AND PANAMA	8,693	7,106	6,971	7,350
4211 RESEARCH IN PROTEIN-CALORIE MALNUTRITION	-	-	268	268
4221 SEMINAR ON NUTRITION IN FOOD AND HEALTH POLICIES	143	-	199	199
4225 GRADUATE COURSE IN PUBLIC HEALTH NUTRITION	-	-	1,311	1,301
4230 NUTRITION TRAINING	1,295	587	1,218	1,532

## URUGUAY - PORTIONS OF INTERCOUNTRY PROJECTS . . . CONTINUED

4233	NUTRITION TEACHING IN MEDICAL SCHOOLS	-	-	572	572
4300	MENTAL HEALTH	166	180	-	-
4311	STUDY GROUP ON ADM. OF PSYCHIATRIC & MENTAL HEALTH SERVICES	745	-	-	-
4312	COURSES IN COMMUNITY PSYCHIATRY	-	-	-	740
4315	STUDY GROUP ON TRAINING PSYCHIATRISTS	-	-	-	612
4400	DENTAL HEALTH	627	549	549	924
4409	FLUORIDATION	3,740	3,550	3,281	3,177
4410	LABORATORY FOR CONTROL OF DENTAL PRODUCTS	-	-	514	1,029
4500	HEALTH ASPECTS OF RADIATION	-	-	2,900	869
4507	RADIATION HEALTH PROTECTION	1,381	1,301	1,331	1,361
4700	FOOD AND DRUG CONTROL	1,549	1,645	1,707	1,768
4708	FOOD HYGIENE TRAINING CENTER	-	-	1,274	1,834
4709	DRUG CONTROL CENTER	-	7,200	7,200	7,200
4711	FOOD AND DRUG CONTROL SEMINAR	-	741	-	-
4800	MEDICAL CARE SERVICES	1,011	835	1,161	1,182
4810	CHRONIC DISEASES	1,006	1,239	1,293	1,346
4813	HOSPITAL PLANNING AND ADMINISTRATION	152	1,898	2,371	2,412
4815	TRAINING FOR MEDICAL CARE AND HOSPITAL ADMINISTRATION	160	198	1,102	1,286
4816	PROGRESSIVE PATIENT CARE	1,978	2,694	-	-
4819	SEMINAR ON CANCER REGISTRATION	636	-	-	-
4900	HEALTH AND POPULATION DYNAMICS	8,766	19,595	18,048	13,819
5000	REHABILITATION	739	1,669	2,402	2,368
5008	SEMINAR ON REHABILITATION	-	1,245	-	-
6000	MEDICAL EDUCATION - TEXTBOOKS AND TEACHING	2,331	1,099	1,099	1,318
6200	MEDICAL EDUCATION	675	607	587	602
6210	TEACHING METHODS AND ADMIN ORGANIZATION OF MED SCHS	2,273	4,437	4,953	5,173
6216	PREVENTIVE MEDICINE EDUCATION	2,872	2,124	1,716	1,788
6221	LIBRARY OF MEDICINE	-	-	7,214	9,487
6222	SEMINAR ON TEACHING PREVENTIVE AND SOCIAL MEDICINE	-	959	-	-
6223	TEACHING OF BEHAVIORAL SCIENCES	341	528	7,528	7,528
6224	FACULTY AND RESEARCH TRAINING CENTERS	-	1,152	911	911
6225	SURVEY OF FELLOWSHIP PROGRAMS	-	-	259	-
6226	COMMUNITY-CENTERED RESEARCH IN MEDICAL EDUCATION	-	-	-	1,037
6300	NURSING EDUCATION	723	294	294	462
6317	SEMINAR ON NURSING EDUCATION	-	-	1,967	1,967
6319	TRAINING OF NURSING AUXILIARIES	-	1,430	1,695	2,140
6400	SANITARY ENGINEERING EDUCATION	1,286	1,113	1,124	1,169
6500	VETERINARY MEDICINE EDUCATION	-	403	403	434
6600	DENTAL EDUCATION	715	322	636	653
6608	TRAINING OF AUXILIARY DENTAL PERSONNEL	165	296	296	566
6609	LATIN AMERICAN ASSOCIATION OF DENTAL SCHOOLS	120	120	120	120
6700	BIOSTATISTICS EDUCATION	300	1,020	1,020	1,020
6707	LATIN AMERICAN CENTER FOR THE CLASSIFICATION OF DISEASES	878	1,011	1,186	1,213
6708	TRAINING PROGRAM IN HOSPITAL STATISTICS	738	1,145	1,263	1,325
6709	RESEARCH TRAINING PROGRAMS IN HEALTH AND POPULATION	1,453	-	-	-

## URUGUAY

## SUMMARY OF INVESTMENTS BY SOURCE OF FUNDS

SOURCE OF FUNDS	*-----COUNTRY PROJECTS-----*				*-----PORTIONS OF INTER-COUNTRY PROJECTS-----*			
	1969	1970	1971	1972	1969	1970	1971	1972
TOTAL FUNDS	248,173	430,441	476,860	471,582	151,740	222,691	249,310	264,942
PR PAHO REGULAR	126,503	117,778	129,950	174,742	80,207	107,192	114,416	128,210
PW PAHO COMMUNITY WATER SUPPLY	19,589	50,000	35,600	-	-	-	-	-
PG PAHO GRANTS & OTHER CONTRIB.	-	88,052	122,128	103,290	35,323	43,423	38,016	35,438
WR WHO REGULAR	84,066	138,611	129,182	145,550	26,207	45,351	63,763	69,212
WT WHO TECHNICAL ASSISTANCE	18,715	36,000	60,000	48,000	2,244	3,620	15,168	15,168
WS UNITED NATIONS SPECIAL FUND	-	-	-	-	7,648	22,990	17,822	16,777
WD WHO GRANTS & OTHER FUNDS	-	-	-	-	111	115	125	137

SOURCE OF FUNDS	*-----TOTAL ALL PROJECTS-----*			
	1969	1970	1971	1972
TOTAL FUNDS	399,913	653,132	726,170	736,524
PR PAHO REGULAR	206,710	224,970	244,366	302,952
PW PAHO COMMUNITY WATER SUPPLY	19,589	50,000	35,600	-
PG PAHO GRANTS & OTHER CONTRIB.	35,323	131,475	160,144	138,728
WR WHO REGULAR	110,273	183,962	192,945	214,762
WT WHO TECHNICAL ASSISTANCE	20,259	39,620	75,168	63,168
WS UNITED NATIONS SPECIAL FUND	7,648	22,990	17,822	16,777
WD WHO GRANTS & OTHER FUNDS	111	115	125	137



## PART III - FIELD AND OTHER PROGRAMS

## WASHINGTON OFFICE PROJECTS

## PROGRAM BUDGET

1 9 6 9		1 9 7 0			1 9 7 1		1 9 7 2	
AMOUNT	PERCENT	AMOUNT	PERCENT		AMOUNT	PERCENT	AMOUNT	PERCENT
\$		\$			\$		\$	
203,003	51.5	219,132	48.6	I. PROTECTION OF HEALTH	218,856	60.1	232,325	56.6
163,513	41.5	162,716	36.1	A. COMMUNICABLE DISEASES	164,734	45.2	169,099	41.2
-	-	-	-	0400 TUBERCULOSIS	3,058	-	-	-
160,702	40.8	160,448	-	0700 ZOONOSES	159,858	-	166,573	40.6
2,811	.7	2,268	-	1000 PARASITIC DISEASES	1,818	-	2,526	.6
39,490	10.0	56,416	12.5	B. ENVIRONMENTAL HEALTH	54,122	14.9	63,226	15.4
2,560	.7	3,648	-	2100 GENERAL	7,005	-	5,053	1.2
-	-	1,664	-	2200 WATER SUPPLIES	-	-	4,287	1.1
36,930	9.3	51,104	-	2300 AEDS AEGYPTI ERADICATION	47,117	-	53,886	13.1
189,892	48.2	229,811	51.0	II. PROMOTION OF HEALTH	142,815	39.2	155,196	37.9
126,832	32.2	168,281	37.3	A. GENERAL SERVICES	114,837	31.5	121,592	29.7
109,251	27.7	100,949	22.4	3100 GENERAL PUBLIC HEALTH	100,256	27.5	106,547	26.0
6,042	1.5	9,084	2.0	3200 NURSING	9,466	2.6	9,784	2.4
27	"	52,935	11.7	3300 LABORATORY	-	-	-	-
5,392	1.4	1,116	.3	3400 HEALTH EDUCATION	1,210	.3	1,185	.3
2,614	.7	-	-	3500 STATISTICS	-	-	-	-
3,506	.9	4,197	.9	3700 HEALTH PLANNING	3,905	1.1	4,076	1.0
63,060	16.0	61,530	13.6	B. SPECIFIC PROGRAMS	27,978	7.7	33,604	8.2
3,345	.8	3,518	.7	4100 MATERNAL AND CHILD HEALTH	3,693	1.0	3,824	.9
18,446	4.7	13,313	3.0	4200 NUTRITION	13,950	3.8	14,653	3.6
-	-	-	-	4400 DENTAL HEALTH	-	-	4,281	1.0
31,469	8.0	35,704	8.0	4600 OCCUPATIONAL HEALTH	-	-	-	-
9,800	2.5	8,995	1.9	4800 MEDICAL CARE	10,335	2.9	10,846	2.7
1,208	.3	2,151	.5	III. DEVELOPMENT OF EDUCATIONAL INSTITUTIONS	2,713	.7	22,650	5.5
958	.2	-	-	6100 PUBLIC HEALTH	1,952	.5	-	-
-	-	1,901	.4	6200 MEDICINE	511	.1	-	-
-	-	-	-	6500 VETERINARY MEDICINE	-	-	22,400	5.5
250	.1	250	.1	6600 DENTISTRY	250	.1	250	*
394,103	-	451,094	100.0	GRAND TOTAL	364,384	100.0	410,171	100.0
=====	=====	=====	=====	=====	=====	=====	=====	=====

\* LESS THAN .05 PER CENT

## PART III - FIELD AND OTHER PROGRAMS

## WASHINGTON OFFICE PROJECTS

## SUMMARY OF INVESTMENT

SOURCE OF FUNDS	TOTAL AMOUNT	*-----PERSONNEL-----*			*DUTY--*	*---FELLOWSHIPS---*		*---SEMINARS---*	*SUPPLIES*	*-GRANTS-*			
		POSTS PROF.	LOCAL	STC MONTH	TRAVEL AMOUNT	ACAD.	SHORT	PART.	AND EQUIPMENT	AND OTHER			
	\$			AMOUNT	\$			AMOUNT	\$	\$			
1969													
PAHO---PR	119,263	-	-	-	88,547	-	-	715	-	6,305	3,314	10,793	
PG	189,382	-	-	-	40,142	-	-	208	-	1,920	29,868	114,126	
WHO---WR	85,458	-	-	2	24,146	1,952	2	26	53,491	-	3,607	2,236	
TOTAL	394,103	-	-	2	152,835	14,659	2	26	54,414	-	11,832	33,208	127,155
PER CENT OF TOTAL	100.0				38.8	3.7			13.8		3.0	8.4	32.3
1970													
PAHO---PR	138,480	-	-	2	73,125	7,519	-	18	26,087	-	4,732	22,145	4,872
PG	233,537	-	-	-	25,458	3,179	-	-	176	-	47,458	34,907	122,359
WHO---WR	79,077	-	-	11	42,547	1,885	4	6	25,005	-	9,588	52	
TOTAL	451,094	-	-	13	141,130	12,583	4	24	51,268	-	61,778	57,104	127,231
PER CENT OF TOTAL	100.0				31.3	2.8			11.4		13.7	12.7	28.1
1971													
PAHO---PR	122,803	-	-	2	76,821	7,669	-	18	26,087	-	3,000	4,018	5,208
PG	149,832	-	-	-	26,961	3,159	-	-	176	-	-	22,175	97,361
WHO---WR	91,749	-	-	11	43,684	2,099	4	6	24,935	-	7,825	13,206	-
TOTAL	364,384	-	-	13	147,466	12,927	4	24	51,198	-	10,825	39,399	102,569
PER CENT OF TOTAL	100.0				40.5	3.6			14.1		2.9	10.8	28.1
1972													
PAHO---PR	180,098	-	-	-	88,957	8,073	-	18	26,372	-	30,804	16,204	9,688
PG	152,011	-	-	-	29,448	3,154	-	-	176	-	-	21,582	97,651
WHO---WR	78,062	-	-	-	44,394	2,099	4	6	24,842	-	6,317	230	180
TOTAL	410,171	-	-	13	162,799	13,326	4	24	51,390	-	37,121	38,016	107,519
PER CENT OF TOTAL	100.0				39.7	3.2			12.5		9.1	9.3	26.2

PAHO PR-REGULAR BUDGET  
PG-GRANTS AND OTHER CONTRIBUTIONS

WHO WR-REGULAR BUDGET

## CANADA

## PROGRAM BUDGET

1969		1970			1971		1972	
AMOUNT	PERCENT	AMOUNT	PERCENT		AMOUNT	PERCENT	AMOUNT	PERCENT
\$		\$			\$		\$	
229	1.0	215	.7	I. PROTECTION OF HEALTH	252	1.1	1,545	5.4
229	1.0	215	.7	A. COMMUNICABLE DISEASES	252	1.1	1,545	5.4
-	-	-	-	0700 ZOOZOSES	-	-	1,005	3.5
229	1.0	215	.7	1000 PARASITIC DISEASES	252	1.1	540	1.9
23,071	99.0	30,285	96.3	II. PROMOTION OF HEALTH	23,243	97.8	24,024	83.4
20,247	86.9	28,469	90.5	A. GENERAL SERVICES	21,076	88.7	21,856	75.9
17,315	74.3	18,182	57.8	3100 GENERAL PUBLIC HEALTH	17,171	72.3	17,780	61.7
-	-	6,090	19.4	3300 LABORATORY	-	-	-	-
834	3.6	-	-	3400 HEALTH EDUCATION	-	-	-	-
2,098	9.0	4,197	13.3	3700 HEALTH PLANNING	3,905	16.4	4,076	14.2
2,824	12.1	1,816	5.8	B. SPECIFIC PROGRAMS	2,167	9.1	2,168	7.5
2,182	9.4	1,816	5.8	4200 NUTRITION	2,167	9.1	2,168	7.5
642	2.7	-	-	4800 MEDICAL CARE	-	-	-	-
-	-	942	3.0	III. DEVELOPMENT OF EDUCATIONAL INSTITUTIONS	252	1.1	3,226	11.2
-	-	942	3.0	6200 MEDICINE	252	1.1	-	-
-	-	-	-	6500 VETERINARY MEDICINE	-	-	3,226	11.2
23,300	100.0	31,442	100.0	GRAND TOTAL	23,747	100.0	28,795	100.0

\* LESS THAN .05 PERCENT

## CANADA

## SUMMARY OF INVESTMENT

SOURCE OF FUNDS	TOTAL AMOUNT	*-----PERSONNEL-----*			*--DUTY--*	*---FELLOWSHIPS---*			*---SEMINARS---	*SUPPLIES*	*--GRANTS--*	
		PROF.	LOCAL	STC MONTH	TRAVEL AMOUNT	ACAD.	SHORT	AMOUNT	PART.	AND EQUIPMENT	AND OTHER	
	\$			\$	\$			\$	\$	\$	\$	
1969												
PAHO---PR	3,459	-	-	-	2,055	-	-	247	-	846	193	-
PG	760	-	-	-	109	-	-	-	-	475	168	8
WHO---WR	19,081	-	-	-	2,995	59	2	7	15,288	509	16	214
TOTAL	23,300	-	-	-	5,159	177	2	2	15,535	1,830	377	222
PER CENT OF TOTAL	100.0				22.2	.8			66.7	7.8	1.6	.9
1970												
PAHO---PR	3,590	-	-	-	2,558	105	-	-	756	-	-	171
PG	6,331	-	-	-	-	-	-	-	-	6,331	-	-
WHO---WR	21,521	-	-	2	6,759	125	2	3	12,805	1,808	24	-
TOTAL	31,442	-	-	2	9,317	230	2	3	13,561	8,139	24	171
PER CENT OF TOTAL	100.0				29.7	.7			43.1	25.9	.1	.5
1971												
PAHO---PR	4,068	-	-	-	2,991	105	-	-	756	-	-	216
WHO---WR	19,679	-	-	2	7,076	122	2	3	12,351	-	130	-
TOTAL	23,747	-	-	2	10,067	227	2	3	13,107	-	130	216
PER CENT OF TOTAL	100.0				42.4	1.0			55.2	-	.5	.9
1972												
PAHO---PR	8,161	-	-	-	3,732	105	-	-	882	-	3,226	216
WHO---WR	20,634	-	-	2	6,936	122	2	3	12,351	-	1,005	90
TOTAL	28,795	-	-	2	10,668	227	2	3	13,233	-	4,231	306
PER CENT OF TOTAL	100.0				37.1	.8			46.0	14.7	.4	1.0

PAHO PR-REGULAR BUDGET  
 PM-SPECIAL FUND FOR MALARIA ERADICATION  
 PW-COMMUNITY WATER SUPPLY  
 PG-GRANTS AND OTHER CONTRIBUTIONS  
 PI-INCAP AND OTHER RELATED GRANTS

WHO WR-REGULAR BUDGET  
 WA-MALARIA ERADICATION SPECIAL ACCOUNT  
 WT-UNITED NATIONS TECHNICAL ASSISTANCE  
 WS-UNITED NATIONS SPECIAL FUND  
 WO-GRANTS AND OTHER FUNDS

DETAILCANADA-3100, CONSULTANTS IN SPECIALIZED FIELDS

SHORT-TERM CONSULTANTS WILL BE MADE AVAILABLE, AS NEEDED, FOR SPECIALIZED PROBLEMS AT THE REQUEST OF THE GOVERNMENT.

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
	-----					TOTAL	-----				
								\$	\$	\$	\$
TOTAL		-	2	2	2	TOTAL	WR	-	3,600	3,600	3,600
CONSULTANT MONTHS	WR	-	2	2	2	PERSONNEL-CONSULTANTS		-	3,600	3,600	3,600

CANADA-3101, FELLOWSHIPS

FELLOWSHIPS ARE PROVIDED IN ORDER TO TRAIN PERSONNEL FOR THE IMPROVEMENT AND EXPANSION OF HEALTH SERVICES IN THE COUNTRY.

		4	5	5	5		WR	15,288	12,200	12,200	12,200
TOTAL	-----					TOTAL	-----				
FELLOWSHIPS-ACADEMIC	WR	2	2	2	2	FELLOWSHIPS		15,288	12,200	12,200	12,200
FELLOWSHIPS-SHORT TERM	WR	2	3	3							

CANADA  
PORTIONS OF INTERCOUNTRY PROJECTS

	1969	1970	1971	1972
	-----	-----	-----	-----
	\$	\$	\$	\$
TOTAL AMRD PROJECTS	8,012	15,642	7,947	12,995
0714 SYMPOSIUM ON THE HEALTH ASPECTS OF THE INTERNAL MOVEMENT OF ANIMALS	-	-	-	1,005
1008 CHAGAS' DISEASE	229	215	252	540
3110 COORDINATION OF INTERNATIONAL RESEARCH	2,027	1,251	1,371	1,980
3130 CONFERENCE ON MYCOLOGY	-	1,131	-	-
3310 CONFERENCE ON VIRAL AND RICKETTSIAL VACCINES	-	6,090	-	-
3408 CONFERENCE ON POSTGRADUATE TRAINING IN HEALTH EDUCATION	834	-	-	-
3700 HEALTH PLANNING	2,098	4,197	3,905	4,076
4200 NUTRITION ADVISORY SERVICES	258	389	591	603
4211 RESEARCH IN PROTEIN-CALORIE MALNUTRITION	-	-	264	264
4225 GRADUATE COURSE IN PUBLIC HEALTH NUTRITION	1,924	1,427	1,312	1,301
4819 SEMINAR ON CANCER REGISTRATION	642	-	-	-
6222 SEMINAR ON TEACHING PREVENTIVE AND SOCIAL MEDICINE	-	942	-	-
6225 SURVEY OF FELLOWSHIP PROGRAMS	-	-	252	-
6507 SEMINAR ON VETERINARY MEDICINE EDUCATION	-	-	-	3,226

CANADA  
SUMMARY OF INVESTMENTS BY SOURCE OF FUNDS

SOURCE OF FUNDS	*-----COUNTRY PROJECTS-----*				*-----PORTIONS OF INTER-COUNTRY PROJECTS-----*			
	1969	1970	1971	1972	1969	1970	1971	1972
TOTAL FUNDS	15,288	15,800	15,800	15,800	8,012	15,642	7,947	12,995
PR PAHO REGULAR	-	-	-	-	3,459	3,590	4,068	8,161
PG PAHO GRANTS & OTHER CONTRIB.	-	-	-	-	760	6,331	-	-
WR WHO REGULAR	15,288	15,800	15,800	15,800	3,793	5,721	3,879	4,834

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SOURCE OF FUNDS	*-----TOTAL ALL PROJECTS-----*			
	1969	1970	1971	1972
TOTAL FUNDS	23,300	31,442	23,747	28,795
PR PAHO REGULAR	3,459	3,590	4,068	8,161
PG PAHO GRANTS & OTHER CONTRIB.	760	6,331	-	-
WR WHO REGULAR	19,081	21,521	19,679	20,634

## UNITED STATES OF AMERICA

## PROGRAM BUDGET

1 9 6 9		1 9 7 0			1 9 7 1		1 9 7 2	
AMOUNT	PERCENT	AMOUNT	PERCENT		AMOUNT	PERCENT	AMOUNT	PERCENT
\$		\$			\$		\$	
202,774	54.7	218,917	52.2	I. PROTECTION OF HEALTH	218,604	64.2	230,780	60.4
163,284	46.0	162,501	38.7	A. COMMUNICABLE DISEASES	164,482	48.3	167,554	43.9
-	-	-	-	0400 TUBERCULOSIS	3,058	.9	-	-
160,702	43.3	160,448	38.2	0700 ZOOZOSES	159,858	46.9	165,568	43.4
2,582	.7	2,053	.5	1000 PARASITIC DISEASES	1,566	.5	1,986	.5
39,490	10.7	56,416	13.5	B. ENVIRONMENTAL HEALTH	54,122	15.9	63,226	16.5
2,560	.7	3,648	.9	2100 GENERAL	7,005	2.1	5,053	1.3
-	-	1,664	.4	2200 WATER SUPPLIES	-	-	4,287	1.1
36,930	10.0	51,104	12.2	2300 AEDES AEGYPTI ERADICATION	47,117	13.8	53,886	14.1
166,821	45.0	199,526	47.5	II. PROMOTION OF HEALTH	119,572	35.0	131,172	34.5
106,585	28.7	139,812	33.4	A. GENERAL SERVICES	93,761	27.5	99,736	26.2
91,936	24.8	82,767	19.7	3100 GENERAL PUBLIC HEALTH	83,085	24.4	88,767	23.3
6,042	1.6	9,084	2.2	3200 NURSING	9,466	2.8	9,784	2.6
27	*	46,845	11.2	3300 LABORATORY	-	-	-	-
4,558	1.2	1,116	.3	3400 HEALTH EDUCATION	1,210	.3	1,185	.3
2,614	.7	-	-	3500 STATISTICS	-	-	-	-
1,408	.4	-	-	3700 HEALTH PLANNING	-	-	-	-
60,236	16.3	59,714	14.1	B. SPECIFIC PROGRAMS	25,811	7.5	31,436	8.3
3,345	.9	3,518	.8	4100 MATERNAL AND CHILD HEALTH	3,693	1.1	3,824	1.0
16,264	4.4	11,497	2.7	4200 NUTRITION	11,783	3.4	12,485	3.3
-	-	-	-	4400 DENTAL HEALTH	-	-	4,281	1.1
31,469	8.5	35,704	8.5	4600 OCCUPATIONAL HEALTH	-	-	-	-
9,158	2.5	8,995	2.1	4800 MEDICAL CARE	10,335	3.0	10,846	2.9
1,208	.3	1,209	.3	III. DEVELOPMENT OF EDUCATIONAL INSTITUTIONS	2,461	.8	19,424	5.1
958	.2	-	-	6100 PUBLIC HEALTH	1,952	.6	-	-
-	-	959	.2	6200 MEDICINE	259	.1	-	-
-	-	-	-	6500 VETERINARY MEDICINE	-	-	19,174	5.0
250	.1	250	.1	6600 DENTISTRY	250	.1	250	.1
370,803	100.0	419,652	100.0	GRAND TOTAL	340,637	100.0	381,376	100.0
=====	=====	=====	=====	=====	=====	=====	=====	=====

\* LESS THAN .05 PERCENT

## UNITED STATES OF AMERICA

## SUMMARY OF INVESTMENT

SOURCE OF FUNDS	TOTAL AMOUNT	PERSONNEL		TRAVEL AMOUNT	FELLOWSHIPS		SEMINARS		SUPPLIES AND EQUIPMENT	GRANTS AND OTHER		
		POSTS PROF.	STC LOCAL MONTH		ACAD.	SHORT	PART.	AMOUNT				
	\$			\$	\$			\$	\$	\$		
1969												
PAHO---PR	115,804	-	-	86,492	9,471	-	-	468	-	5,459	3,121	10,793
PG	188,622	-	-	40,033	3,118	-	-	208	-	1,445	29,700	114,118
WHO---WR	64,377	-	-	21,151	1,893	-	24	38,203	-	3,098	10	2,022
<b>TOTAL</b>	<b>370,803</b>	-	-	<b>147,676</b>	<b>14,482</b>	-	<b>24</b>	<b>38,879</b>	-	<b>10,002</b>	<b>32,831</b>	<b>126,933</b>
PER CENT OF TOTAL	100.0			39.8	3.9		10.5	2.7		8.9	34.2	
1970												
PAHO---PR	134,890	-	-	70,567	7,414	-	18	25,331	-	4,732	22,145	4,701
PG	227,206	-	-	25,458	3,179	-	-	176	-	41,127	34,907	122,359
WHO---WR	57,556	-	-	35,788	1,760	2	3	12,200	-	7,780	28	-
<b>TOTAL</b>	<b>419,652</b>	-	-	<b>131,813</b>	<b>12,353</b>	<b>2</b>	<b>21</b>	<b>37,707</b>	-	<b>53,639</b>	<b>57,080</b>	<b>127,060</b>
PER CENT OF TOTAL	100.0			31.4	2.9		9.0	12.8		13.6	30.3	
1971												
PAHO---PR	118,735	-	-	73,830	7,564	-	18	25,331	-	3,000	4,018	4,992
PG	149,832	-	-	26,961	3,159	-	-	176	-	-	22,175	97,361
WHO---WR	72,070	-	-	36,608	1,977	2	3	12,584	-	7,825	13,076	-
<b>TOTAL</b>	<b>340,637</b>	-	-	<b>137,399</b>	<b>12,700</b>	<b>2</b>	<b>21</b>	<b>38,091</b>	-	<b>10,825</b>	<b>39,269</b>	<b>102,353</b>
PER CENT OF TOTAL	100.0			40.4	3.7		11.2	3.2		11.5	30.0	
1972												
PAHO---PR	171,937	-	-	85,225	7,968	-	18	25,490	-	27,578	16,204	9,472
PG	152,011	-	-	29,448	3,154	-	-	176	-	-	21,582	97,651
WHO---WR	57,428	-	-	37,458	1,977	2	3	12,491	-	5,312	100	90
<b>TOTAL</b>	<b>381,376</b>	-	-	<b>152,131</b>	<b>13,099</b>	<b>2</b>	<b>21</b>	<b>38,157</b>	-	<b>32,890</b>	<b>37,886</b>	<b>107,213</b>
PER CENT OF TOTAL	100.0			39.9	3.5		10.0	8.6		9.9	28.1	

PAHO PR-REGULAR BUDGET  
 PN-SPECIAL FUND FOR MALARIA ERADICATION  
 PW-COMMUNITY WATER SUPPLY  
 PG-GRANTS AND OTHER CONTRIBUTIONS  
 PI-INCAP AND OTHER RELATED GRANTS

WHO WR-REGULAR BUDGET  
 WA-MALARIA ERADICATION SPECIAL ACCOUNT  
 WT-UNITED NATIONS TECHNICAL ASSISTANCE  
 WS-UNITED NATIONS SPECIAL FUND  
 WO-GRANTS AND OTHER FUNDS



DETAIL

UNITED STATES OF AMERICA-2300, AEDES AEGYPTI ERADICATION

PROVISION IS MADE FOR CONSULTANTS TO COOPERATE IN THE DEVELOPMENT OF THE CAMPAIGNS AGAINST AEDES AEGYPTI AND ITS COORDINATION WITH OTHERS IN THE CARIBBEAN AND IN CENTRAL AND SOUTH AMERICA.

	<u>FUND</u>	<u>1969</u>	<u>1970</u>	<u>1971</u>	<u>1972</u>		<u>FUND</u>	<u>1969</u>	<u>1970</u>	<u>1971</u>	<u>1972</u>
								\$	\$	\$	\$
<u>TOTAL</u>		-	2	2	2	<u>TOTAL</u>	PR	-	3,600	3,600	3,600
CONSULTANT MONTHS	PR	-	2	2	2	PERSONNEL-CONSULTANTS		-	3,600	3,600	3,600

UNITED STATES OF AMERICA-3100, CONSULTANTS IN SPECIALIZED FIELDS

SHORT-TERM CONSULTANTS HAVE BEEN MADE AVAILABLE IN THE PAST ON SUBJECTS SUCH AS MENTAL RETARDATION, PUBLIC HEALTH NURSING, GERONTOLOGY, FOREIGN QUARANTINE, INDUSTRIAL HYGIENE, CARDIOVASCULAR AND RESPIRATORY DISEASES, MEDICAL STATISTICS, ACCIDENT PREVENTION, EPIDEMIOLOGICAL STUDIES, AND STAPHYLOCOCCUS SEROLOGY. SERVICES WILL CONTINUE TO BE MADE AVAILABLE UPON REQUEST.

	<u>FUND</u>	<u>1969</u>	<u>1970</u>	<u>1971</u>	<u>1972</u>		<u>FUND</u>	<u>1969</u>	<u>1970</u>	<u>1971</u>	<u>1972</u>
								\$	\$	\$	\$
<u>TOTAL</u>		2	9	9	9	<u>TOTAL</u>	WR	3,791	16,200	16,200	16,200
CONSULTANT MONTHS	WR	2	9	9	9	PERSONNEL-CONSULTANTS		3,791	16,200	16,200	16,200

UNITED STATES OF AMERICA-3103, FELLOWSHIPS

FELLOWSHIPS ARE PROVIDED IN ORDER TO TRAIN PERSONNEL FOR THE IMPROVEMENT AND EXPANSION OF HEALTH SERVICES IN THE COUNTRY.

		<u>24</u>	<u>23</u>	<u>23</u>	<u>23</u>	<u>TOTAL</u>		<u>37,951</u>	<u>37,400</u>	<u>37,400</u>	<u>37,400</u>
<u>TOTAL</u>						<u>TOTAL</u>					
FELLOWSHIPS-ACADEMIC	WR	-	2	2	2	SUBTOTAL	PR	-	25,200	25,200	25,200
FELLOWSHIPS-SHORT TERM	PR	-	18	18	18						
FELLOWSHIPS-SHORT TERM	WR	24	3	3	3	FELLOWSHIPS		-	25,200	25,200	25,200
						SUBTOTAL	WR	37,951	12,200	12,200	12,200
						FELLOWSHIPS		37,951	12,200	12,200	12,200

UNITED STATES OF AMERICA  
PORTIONS OF INTERCOUNTRY PROJECTS

	1969	1970	1971	1972
	\$	\$	\$	\$
TOTAL AMRO PROJECTS	329,061	362,452	283,437	324,176
0408 SEMINAR ON TUBERCULOSIS CONTROL	-	-	3,058	-
0700 PAN AMERICAN ZOOLOGICAL CENTER - RAMOS MEJIA	38,712	42,540	42,394	46,848
0708 RABIES CONTROL	-	-	-	675
0710 RABIES CONTROL - MEXICO USA BORDER	121,990	117,908	117,464	117,020
0714 SYMPOSIUM ON THE HEALTH ASPECTS OF THE INTERNAL MOVEMENT OF ANIMALS	-	-	-	1,025
1000 PARASITIC DISEASES	1,335	1,404	1,314	1,446
1007 SCHISTOSOMIASIS	184	435	-	-
1008 CHAGAS' DISEASE	223	214	252	540
1010 STUDY GROUP ON CHAGAS' DISEASE	840	-	-	-
2116 CONFERENCE ON INTEGRATION OF ENVIRONMENTAL PROGRAMS	-	-	-	1,089
2117 CONFERENCE ON ENVIRONMENTAL RESEARCH	-	-	3,199	-
2214 SEMINAR ON WATER POLLUTION CONTROL	-	1,664	-	-
2224 CONFERENCE ON RECENT ADVANCES IN WATER TREATMENT	-	-	-	4,287
2300 Aedes Aegypti ERADICATION	36,930	47,504	43,517	50,286
3108 FIELD OFFICE - UNITED STATES - MEXICO BORDER	68,490	51,845	54,323	60,333
3110 COORDINATION OF INTERNATIONAL RESEARCH	2,013	1,242	1,360	1,966
3130 CONFERENCE ON MYCOLOGY	-	1,127	-	-
3310 CONFERENCE ON VIRAL AND RICKETTSIAL VACCINES	27	46,845	-	-
3407 COMMUNITY DEVELOPMENT TRAINING CENTER	1,224	1,116	1,210	1,185
3408 CONFERENCE ON POSTGRADUATE TRAINING IN HEALTH EDUCATION	3,334	-	-	-
3514 STUDY ON MULTIPLE CAUSES OF DEATH	2,614	-	-	-
3707 TASK FORCE ON HEALTH	1,408	-	-	-
4203 INSTITUTE OF NUTRITION OF CENTRAL AMERICA AND PANAMA	8,693	7,106	6,971	7,350
4211 RESEARCH IN PROTEIN-CALORIE MALNUTRITION	-	-	268	268
4223 NUTRITION EDUCATION MATERIAL	779	-	-	-
4225 GRADUATE COURSE IN PUBLIC HEALTH NUTRITION	3,552	3,804	3,935	3,903
4230 NUTRITION TRAINING	3,240	587	609	766
4412 SEMINAR ON IMPLEMENTATION OF DENTAL HEALTH PROGRAMS	-	-	-	4,479
4610 MANGANESE POISONING	31,469	35,704	-	-
4815 TRAINING FOR MEDICAL CARE AND HOSPITAL ADMINISTRATION	160	198	1,102	1,286
4819 SEMINAR ON CANCER REGISTRATION	636	-	-	-
6107 SEMINARS ON SCHOOLS OF PUBLIC HEALTH	958	-	1,952	-
6222 SEMINAR ON TEACHING PREVENTIVE AND SOCIAL MEDICINE	-	959	-	-
6225 SURVEY OF FELLOWSHIP PROGRAMS	-	-	259	-
6507 SEMINAR ON VETERINARY MEDICINE EDUCATION	-	-	-	19,174
6609 LATIN AMERICAN ASSOCIATION OF DENTAL SCHOOLS	250	250	250	250

UNITED STATES OF AMERICA  
SUMMARY OF INVESTMENTS BY SOURCE OF FUNDS

SOURCE OF FUNDS	*-----COUNTRY PROJECTS-----*				*-----PORTIONS OF INTER-COUNTRY PROJECTS-----*			
	1969	1970	1971	1972	1969	1970	1971	1972
TOTAL FUNDS	41,742	57,200	57,200	57,200	329,061	362,452	283,437	324,176
PR PAHO REGULAR	-	28,800	28,800	28,800	115,804	106,090	89,935	143,137
PG PAHO GRANTS & OTHER CONTRIB.	-	-	-	-	188,622	227,206	149,832	152,011
WR WHO REGULAR	41,742	28,400	28,400	28,400	24,635	29,156	43,670	29,028

SOURCE OF FUNDS	*-----TOTAL ALL PROJECTS-----*			
	1969	1970	1971	1972
TOTAL FUNDS	370,803	419,652	340,637	381,376
PR PAHO REGULAR	115,804	134,890	118,735	171,937
PG PAHO GRANTS & OTHER CONTRIB.	188,622	227,206	149,832	152,011
WR WHO REGULAR	66,377	57,556	72,070	57,428

## PART III - FIELD AND OTHER PROGRAMS

## INTERCOUNTRY PROJECTS

## SUMMARY OF INVESTMENT

SOURCE OF FUNDS	TOTAL AMOUNT	PERSONNEL			AMOUNT	*--DUTY--* TRAVEL AMOUNT	*--FELLOWSHIPS--*		*--SEMINARS--*		*SUPPLIES* AND EQUIPMENT	*--GRANTS--* AND OTHER	
		POSTS PROF.	LOCAL	STC MONTH			ACAD.	SHORT	PART.	AMOUNT			AMOUNT
	\$				\$	\$			\$	\$	\$	\$	
1969													
PAHO---PR	3,308,791	106	58	129	2,331,077	280,884	42	20	51,621	376	186,758	210,799	247,657
PM	301,865	10	4	5	206,544	15,385	-	-	-	-	76,666	3,250	
PG	2,304,734	31	147	76	883,098	68,333	17	63	175,386	198	95,324	223,445	859,148
PI	420,952	7	96	-	158,968	4,576	-	3	2,883	-	70,145	184,380	
WHO---WR	1,031,508	38	5	69	667,382	94,172	35	-	44,946	118	76,006	56,171	92,831
WT	174,894	8	-	-	144,918	14,553	-	-	-	-	423	15,000	
WS	152,946	5	-	27	114,481	9,052	-	-	-	-	20,513	8,900	
WO	3,479	-	1	-	3,479	-	-	-	-	-	-	-	
TOTAL	7,699,169	205	311	306	4,509,967	486,955	94	86	274,836	692	358,088	658,162	1,411,161
PER CENT OF TOTAL	100.0				58.6	6.3			3.6		4.7	8.5	18.3
1970													
PAHO---PR	3,833,101	120	62	148	2,874,666	303,200	12	48	96,800	168	97,313	140,546	320,576
PM	362,296	7	2	5	128,121	10,000	-	-	-	-	136,000	88,175	
PG	2,335,655	26	153	72	971,516	70,172	35	43	250,128	-	139,443	212,397	691,999
PI	394,545	20	74	-	251,997	12,850	-	3	3,600	-	34,500	91,598	
WHO---WR	1,354,374	38	10	100	888,074	88,838	2	24	44,600	152	134,180	69,986	128,696
WT	256,800	8	-	8	203,000	14,500	4	-	19,200	-	5,100	15,000	
WS	459,818	8	-	76	348,331	12,000	-	-	-	-	81,387	18,100	
WO	3,603	-	1	-	3,603	-	-	-	-	-	-	-	
TOTAL	9,000,192	227	302	409	5,669,308	511,560	53	118	414,328	320	370,936	679,916	1,354,144
PER CENT OF TOTAL	100.0				63.0	5.7			4.6		4.1	7.6	15.0
1971													
PAHO---PR	4,199,918	125	69	151	3,249,887	317,300	12	48	96,800	110	49,300	171,667	314,964
PM	165,398	5	-	-	85,249	6,000	-	-	-	-	5,369	68,780	
PG	1,875,011	26	153	44	951,990	64,384	31	43	189,752	-	5,624	139,490	523,771
PI	394,545	20	74	-	261,926	12,850	-	3	3,600	-	30,000	86,169	
WHO---WR	1,846,473	46	11	193	1,209,579	105,812	44	15	78,000	214	186,536	126,361	140,185
WT	593,300	14	-	20	370,400	23,500	16	61	173,800	-	10,600	15,000	
WS	356,450	8	-	50	298,800	12,000	-	-	-	-	25,450	20,200	
WO	3,909	-	1	-	3,909	-	-	-	-	-	-	-	
TOTAL	9,435,004	244	308	458	6,431,740	541,846	103	170	541,952	324	241,460	508,937	1,169,069
PER CENT OF TOTAL	100.0				68.2	5.7			5.7		2.6	5.4	12.4
1972													
PAHO---PR	4,835,482	133	76	203	3,714,945	329,300	-	58	94,000	276	162,753	174,813	359,671
PM	269,206	5	-	-	91,206	6,000	-	-	-	-	97,042	74,958	
PG	1,641,023	25	153	16	907,827	55,632	24	13	89,790	-	3,827	121,130	462,817
PI	394,545	20	74	-	271,855	12,850	-	3	3,600	-	26,000	80,240	
WHO---WR	2,096,594	47	15	224	1,376,400	109,500	51	25	101,601	250	233,160	145,923	130,010
WT	593,300	14	-	20	370,400	23,500	16	61	173,800	-	10,600	15,000	
WS	335,550	8	-	44	282,000	12,000	-	-	-	-	22,750	18,800	
WO	4,287	-	1	-	4,287	-	-	-	-	-	-	-	
TOTAL	10,169,987	252	319	507	7,018,920	548,782	91	160	462,791	526	399,740	598,258	1,141,496
PER CENT OF TOTAL	100.0				69.0	5.4			4.6		3.9	5.9	11.2
PAHO PR-REGULAR BUDGET PM-SPECIAL FUND FOR MALARIA ERADICATION PG-COMMUNITY WATER SUPPLY PI-GRANTS AND OTHER CONTRIBUTIONS WHO WR-REGULAR BUDGET WA-MALARIA ERADICATION SPECIAL ACCOUNT WT-UNITED NATIONS TECHNICAL ASSISTANCE WS-UNITED NATIONS SPECIAL FUND WO-GRANTS AND OTHER FUNDS													

## DETAIL

AMRO-0101, EPIDEMIOLOGY (ZONE I)

THE PURPOSE OF THIS PROJECT IS TO SYSTEMATIZE AND UPDATE INFORMATION ON THE ECOLOGY OF DISEASES IN EACH COUNTRY AND TO ASSIST THE COUNTRY IN BECOMING SELF-SUFFICIENT IN DEALING WITH KNOWN ENDEMIC DISEASES, AS WELL AS TO REDUCE TO A MINIMUM THE DANGER OF EPIDEMICS. ASSISTANCE WILL BE PROVIDED IN ORDER TO ESTABLISH ADEQUATE EPIDEMIOLOGIC SURVEILLANCE SERVICES STAFFED BY TRAINED PERSONNEL; TO ESTABLISH OR REACTIVATE CONTROL PROGRAMS FOR KNOWN ENDEMIC DISEASES; TO REACTIVATE OR INITIATE EFFECTIVE IMMUNIZATION PROGRAMS; TO PROMOTE RESEARCH TO DETERMINE LOCAL CONTRIBUTING FACTORS; AND TO IMPROVE LABORATORY DIAGNOSTIC SERVICES, PARTICULARLY AIMED AT SERVING THE NEEDS OF CLINICS OUTSIDE OF LARGE CENTRAL HOSPITALS.

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
								\$	\$	\$	\$
TOTAL		1	1	1	1	TOTAL	PR	-	19,714	22,837	26,431
P-4 EPIDEMIOLOGIST .2042	PR	1	1	1	1	PERSONNEL-POSTS		-	15,714	18,837	22,431
						DUTY TRAVEL		-	4,000	4,000	4,000

AMRO-0102, EPIDEMIOLOGY (ZONE II)

THE OBJECTIVES OF THIS PROJECT ARE TO ASSIST THE COUNTRIES OF THE ZONE IN IMPROVING PROGRAMS FOR THE CONTROL OR ERADICATION OF COMMUNICABLE DISEASES, IN ESTABLISHING EPIDEMIOLOGICAL SERVICES, AND IN IMPROVING THE REPORTING OF COMMUNICABLE DISEASES; AND TO ADVISE ON PROBLEMS RELATED TO THE APPLICATION OF THE INTERNATIONAL SANITARY REGULATIONS.

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
								\$	\$	\$	\$
TOTAL		1	1	1	1	TOTAL	PR	27,917	27,505	28,526	29,547
P-5 EPIDEMIOLOGIST .0845	PR	1	1	1	1	PERSONNEL-POSTS		24,038	23,705	24,726	25,747
						DUTY TRAVEL		3,879	3,500	3,500	3,500
						SUPPLIES AND EQUIPMENT		-	300	300	300

AMRO-0103, EPIDEMIOLOGY (ZONE III)

THE OBJECTIVES OF THIS PROJECT ARE TO ASSIST IN IMPROVING THE CONTROL AND ERADICATION OF COMMUNICABLE DISEASES IN THE COUNTRIES OF THE ZONE; TO STIMULATE THE ESTABLISHMENT OF EPIDEMIOLOGICAL SERVICES; TO PROMOTE BETTER REPORTING OF COMMUNICABLE DISEASES; AND TO ADVISE THE GOVERNMENTS ON PROBLEMS RELATED TO THE APPLICATION OF THE INTERNATIONAL SANITARY REGULATIONS.

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
								\$	\$	\$	\$
TOTAL		2	2	2	2	TOTAL	PR	31,106	30,399	31,761	33,140
P-5 EPIDEMIOLOGIST .0861	PR	1	1	1	1	PERSONNEL-POSTS		28,668	27,699	29,061	30,440
G-5 SECRETARY .2131	PR	1	1	1	1	DUTY TRAVEL		2,438	2,500	2,500	2,500
						SUPPLIES AND EQUIPMENT		-	200	200	200

AMRO-0104, EPIDEMIOLOGY (ZONE IV)

IN THE COUNTRIES OF ZONE IV, COMMUNICABLE DISEASES ARE AMONG THE TEN LEADING CAUSES OF DEATH, ESPECIALLY THOSE AFFECTING THE RESPIRATORY AND DIGESTIVE SYSTEMS. IN ADDITION, THERE ARE STILL PRESENT FOUR QUARANTINABLE DISEASES: SMALLPOX, YELLOW FEVER, PLAGUE, AND TYPHUS.

THE OBJECTIVES OF THIS PROJECT ARE TO ASSIST IN IMPROVING THE CONTROL AND ERADICATION OF COMMUNICABLE DISEASES IN THE COUNTRIES OF THE ZONE, TO STIMULATE THE ESTABLISHMENT OF EPIDEMIOLOGICAL SERVICES, TO PROMOTE BETTER REPORTING OF COMMUNICABLE DISEASES, AND TO ADVISE THE GOVERNMENTS ON PROBLEMS RELATED TO THE APPLICATION OF THE INTERNATIONAL SANITARY REGULATIONS.

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
								\$	\$	\$	\$
TOTAL		2	2	2	2	TOTAL	PR	28,087	24,889	27,192	27,958
P-4 EPIDEMIOLOGIST .2028	PR	1	1	1	1	PERSONNEL-POSTS		23,250	23,289	24,042	24,808
G-4 CLERK STENOGRAPHER .2191	PR	1	1	1	1	DUTY TRAVEL		4,837	1,500	3,000	3,000
						SUPPLIES AND EQUIPMENT		-	100	150	150

AMRO-0106, EPIDEMIOLOGY (ZONE VI)

THE OBJECTIVES OF THIS PROJECT ARE TO ASSIST IN IMPROVING THE CONTROL AND ERADICATION OF COMMUNICABLE DISEASES IN THE COUNTRIES OF THE ZONE, TO STIMULATE THE ESTABLISHMENT OF EPIDEMIOLOGICAL SERVICES, TO PROMOTE BETTER REPORTING OF COMMUNICABLE DISEASES, TO PARTICIPATE IN THE STUDY AND DEVELOPMENT OF PLANS FOR TRAINING PROFESSIONAL, TECHNICAL, AND AUXILIARY PERSONNEL IN EPIDEMIOLOGICAL TECHNIQUES AND CONTROL PROCEDURES, AND TO ADVISE THE GOVERNMENTS ON PROBLEMS RELATED TO THE APPLICATION OF THE INTERNATIONAL SANITARY REGULATIONS.

		FUND				FUND					
		1969	1970	1971	1972		1969	1970	1971	1972	
							\$	\$	\$	\$	
<b>TOTAL</b>		2	2	2	2	<b>TOTAL</b>	PR	27,647	26,911	28,118	29,341
P-4 EPIDEMIOLOGIST .0846	PR	1	1	1	1	PERSONNEL-POSTS		24,416	23,711	24,918	26,141
G-4 SECRETARY .1041	PR	1	1	1	1	DUTY TRAVEL		2,919	3,000	3,000	3,000
						SUPPLIES AND EQUIPMENT		312	200	200	200

AMRO-0111, SEMINAR ON EPIDEMIOLOGICAL SURVEILLANCE PROGRAMS

THE PURPOSE OF THIS PROJECT IS TO PROVIDE A FORUM FOR INTERCHANGE OF INFORMATION ON MODERN TECHNIQUES AND METHODS FOR CARRYING OUT EFFICIENT AND EFFECTIVE EPIDEMIOLOGICAL SURVEILLANCE PROGRAMS.

		FUND				FUND					
		1969	1970	1971	1972		1969	1970	1971	1972	
							\$	\$	\$	\$	
<b>TOTAL</b>		-	-	-	2	<b>TOTAL</b>	PR	-	-	-	35,032
CONSULTANT MONTHS	PR	-	-	-	2	PERSONNEL-CONSULTANTS		-	-	-	3,600
<b>TOTAL</b>		-	-	-	35	SEMINAR COSTS		-	-	-	4,750
PARTICIPANTS	PR	-	-	-	35	PARTICIPANTS		-	-	-	26,682

AMRO-0200, MALARIA TECHNICAL ADVISORY SERVICES

THE OBJECTIVE OF THIS PROJECT IS TO PROVIDE TECHNICAL ADVISORY SERVICES TO MALARIA ERADICATION PROGRAMS IN ACTIVITIES FOR WHICH FULL TIME PERSONNEL ARE NOT REQUIRED AT THE COUNTRY LEVEL. AT PRESENT, NEEDS ARE PREDICTED IN PARASITOLOGY, LABORATORY MANAGEMENT, AND ECONOMIC EVALUATION OF IMPACT OF MALARIA ERADICATION ACTIVITIES. TWO PARASITOLOGISTS AND ONE LABORATORY ADVISER ARE PROVIDED TO ADVISE ON MATTERS RELATING TO FIELD INVESTIGATIONS OF DRUG RESISTANCE, TREATMENT OF RESISTANT STRAINS OF PLASMODIUM, PLANNING AND MANAGEMENT OF LABORATORY DIAGNOSTIC SERVICES OF MALARIA ERADICATION PROGRAMS, PARASITOLOGICAL ASPECTS OF COLLECTIVE TREATMENT PROGRAMS, AND FOCAL ATTACK UTILIZING TREATMENT. THE LABORATORY ADVISER VISITS AND SUPERVISES MALARIA ERADICATION LABORATORIES, RECOMMENDING NEEDED IMPROVEMENTS, AND ASSISTS IN TRAINING ACTIVITIES FOR NATIONAL MICROSCOPISTS.

		FUND				FUND					
		1969	1970	1971	1972		1969	1970	1971	1972	
							\$	\$	\$	\$	
<b>TOTAL</b>		6	5	5	5	<b>TOTAL</b>		129,575	112,633	119,484	128,847
P-4 PARASITOLOGIST .0816 .2088	PR	-	2	2	2	SUBTOTAL	PR	-	91,271	95,171	105,168
P-4 PARASITOLOGIST .2088	PM	1	-	-	-	PERSONNEL-POSTS		-	60,871	63,605	66,340
P-4 PARASITOLOGIST 4.0816	WR	1	-	-	-	PERSONNEL-CONSULTANTS		-	18,000	18,000	18,000
P-4 PROGRAMMER ANALYST 4.3204	WR	1	-	-	-	DUTY TRAVEL		-	9,000	9,000	9,000
P-4 STATISTICIAN 4.3394	WR	1	1	1	1	SUPPLIES AND EQUIPMENT		-	3,400	4,566	11,828
P-2 LABORATORY ADVISER .3487	PR	-	1	1	1	SUBTOTAL	PM	52,026	-	-	-
P-2 LABORATORY ADVISER .3487	PM	1	-	-	-	PERSONNEL-POSTS		38,039	-	-	-
G-4 CLERK .0819	PR	-	1	1	1	PERSONNEL-CONSULTANTS		10,288	-	-	-
G-4 CLERK .0819	PM	1	-	-	-	DUTY TRAVEL		891	-	-	-
						SUPPLIES AND EQUIPMENT		2,808	-	-	-
<b>TOTAL</b>		3	10	10	10	SUBTOTAL	WR	77,549	21,362	24,313	23,679
CONSULTANT MONTHS	PR	-	10	10	10	PERSONNEL-POSTS		61,261	21,362	24,313	23,679
CONSULTANT MONTHS	PM	3	-	-	-	DUTY TRAVEL		11,129	-	-	-
						SUPPLIES AND EQUIPMENT		5,159	-	-	-



AMRD-0216, RESEARCH ON THE EPIDEMIOLOGY OF MALARIA ERADICATION IN PROBLEM AREAS

THE OBJECTIVES ARE TO INVESTIGATE THE EFFECTS, BOTH ENTOMOLOGICAL AND EPIDEMIOLOGICAL, OF PROPOSED ATTACK MEASURES IN ORDER TO EVALUATE THEIR POTENTIAL AS SOLUTIONS TO THE TECHNICAL PROBLEMS FACING MALARIA ERADICATION.

AN OPERATIONAL TRIAL COVERING SOME 25,000 PEOPLE WILL BE CARRIED OUT IN EL SALVADOR IN ORDER TO INVESTIGATE WHETHER THE FUMIGANT ACTION OF OMS-33 (CARPROCARB) CAN BE USED TO ACHIEVE INTERRUPTION OF MALARIA TRANSMISSION WITH ONLY A PARTIAL SPRAYING OF THE HOUSES. THE PURPOSE OF THIS TRIAL WILL BE TO FIND THE MOST EFFECTIVE AND ECONOMICAL WAY OF APPLYING THIS INSECTICIDE, THE COST OF WHICH IS THE MAIN OBSTACLE TO ITS USE.

FROM 1970 TO 1973 THE TEAM OF THIS PROJECT WILL CONTINUE TO COOPERATE IN PROVIDING TECHNICAL GUIDANCE FOR THE EVALUATION OF RESEARCH UNDERTAKEN BY THE COUNTRIES OF CENTRAL AMERICA AND FOR THE STUDY OF THE EPIDEMIOLOGY OF THE PROBLEM AREAS OF THE REGION.

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
		\$	\$	\$	\$			\$	\$	\$	\$
TOTAL		3	5	5	5	TOTAL		130,039	221,480	248,249	269,206
P-4 MEDICAL OFFICER .3221 .3396	PM	2	2	2	2	SUBTOTAL	PR	-	-	82,851	-
P-3 ENTOMOLOGIST .0857	PM	1	1	1	1	SUPPLIES AND EQUIPMENT		-	-	82,851	-
P-2 SANITARIAN .3511	PM	-	1	1	1	SUBTOTAL	PM	130,039	221,480	165,398	269,206
P-1 SANITARIAN .3512	PM	-	1	1	1	PERSONNEL-POSTS		54,513	72,480	85,249	91,206
						DUTY TRAVEL		2,803	6,000	6,000	6,000
						SUPPLIES AND EQUIPMENT		72,723	80,200	5,369	97,042
						LOCAL COSTS		-	62,800	68,780	74,958

AMRD-0217, FIELD INVESTIGATIONS OF MASS DRUG TREATMENT

IN 1969 CONSULTANTS ANALYZED DATA COLLECTED FROM A FIELD STUDY IN COLOMBIA OF THE RADICAL CURE TREATMENT OF P. VIVAX TO DETERMINE THE EFFECTIVENESS OF THE EXPERIMENTAL TREATMENT.

	TOTAL	1969	1970	1971	1972		TOTAL	1969	1970	1971	1972
TOTAL		2	-	-	-	TOTAL	PM	5,240	-	-	-
CONSULTANT MONTHS	PM	2	-	-	-	PERSONNEL-CONSULTANTS		2,990	-	-	-
						CONTRACTUAL SERVICES		2,250	-	-	-

AMRD-0218, PROMOTION OF RURAL HEALTH SERVICES AND ERADICATION CAMPAIGNS

AS THE MALARIA ERADICATION PROGRAM APPROACHES ITS GOAL OF ERADICATION, IT IS IMPERATIVE TO MAINTAIN AN EFFECTIVE MALARIA SURVEILLANCE SYSTEM IN ORDER TO ELIMINATE THE REMAINING FOCI OF INFECTION AND TO PREVENT REESTABLISHMENT OF THE MALARIA ENDEMICITY. AFTER ERADICATION, THE RESPONSIBILITY OF MALARIA VIGILANCE SHOULD BE ASSUMED BY THE GENERAL HEALTH SERVICES. IN ORDER TO ORGANIZE EFFECTIVE NETWORKS FOR MALARIA SURVEILLANCE OR VIGILANCE, IT IS NECESSARY THAT THE GENERAL HEALTH SERVICE PARTICIPATE IN SURVEILLANCE ACTIVITIES FROM THE BEGINNING OF THE MALARIA ERADICATION PROGRAM.

THE OBJECTIVE OF THIS PROJECT IS TO DEVELOP STANDARDS FOR MINIMUM HEALTH ACTIVITIES FOR INDIVIDUAL COUNTRIES AND TO RECOMMEND PROGRAMS FOR TRAINING GENERAL HEALTH SERVICE AND MALARIA ERADICATION PERSONNEL IN ENVIRONMENTAL HEALTH, COMMUNICABLE DISEASE CONTROL, AND MALARIA VIGILANCE, THROUGH SEMINARS AND TRAINING COURSES AT THE COUNTRY LEVEL.

	TOTAL	1969	1970	1971	1972		TOTAL	1969	1970	1971	1972
TOTAL		5	3	3	5	TOTAL		63,597	48,716	55,175	111,606
P-5 MEDICAL OFFICER .0813 .0814	PR	1	1	1	2	SUBTOTAL	PR	62,422	48,716	55,175	111,606
P-5 MEDICAL OFFICER .0813	PM	1	-	-	-	PERSONNEL-POSTS		59,444	43,716	50,175	86,106
P-4 MEDICAL OFFICER .1066	PR	1	1	1	1	PERSONNEL-CONSULTANTS		-	-	-	18,000
G-4 SECRETARY .2015 .2153	PR	2	1	1	2	DUTY TRAVEL		2,978	5,000	5,000	7,500
TOTAL		-	-	-	10	SUBTOTAL	PM	1,175	-	-	-
CONSULTANT MONTHS	PR	-	-	-	10	PERSONNEL-POSTS		1,175	-	-	-





AMRO-0304, SMALLPOX ERADICATION (ZONE IV)

THE PURPOSE OF THIS PROJECT IS TO PROVIDE TECHNICAL ASSISTANCE TO THE SMALLPOX ERADICATION CAMPAIGNS IN THE COUNTRIES OF ZONE IV. IT IS EXPECTED THAT BOLIVIA WILL END ITS CAMPAIGN IN THE NEAR FUTURE; PERU AND COLOMBIA ARE CARRYING ON THEIR CAMPAIGNS; AND ECUADOR HAS A PROGRAM FOR THE MAINTENANCE OF LEVELS OF IMMUNITY AND EPIDEMIOLOGICAL SURVEILLANCE.

<u>FUND 1969 1970 1971 1972</u>					<u>FUND 1969 1970 1971 1972</u>						
<u>-----</u>					<u>-----</u>						
					WR						
					\$						
TOTAL		2	2	2	2	TOTAL		36,930	39,602	39,910	41,453
P-4 MEDICAL OFFICER 4.3038	WR	1	1	1	1	PERSONNEL-POSTS		29,250	35,502	35,810	37,353
P-3 STATISTICIAN 4.3039	WR	1	1	1	1	DUTY TRAVEL		7,680	4,000	4,000	4,000
						SUPPLIES AND EQUIPMENT		-	100	100	100

AMRO-0306, SMALLPOX ERADICATION (ZONE VI)

THE PURPOSE OF THIS PROJECT IS TO COOPERATE WITH THE COUNTRIES OF ZONE VI IN THE CAMPAIGN FOR THE ERADICATION OF SMALLPOX FROM THE AMERICAS. PLANS ARE TO VACCINATE AT LEAST 80 PER CENT OF THE POPULATION AND TO INSTALL ADEQUATE MAINTENANCE SYSTEMS AND EPIDEMIOLOGICAL SURVEILLANCE.

<u>FUND 1969 1970 1971 1972</u>					<u>FUND 1969 1970 1971 1972</u>						
<u>-----</u>					<u>-----</u>						
					WR						
					\$						
TOTAL		2	2	2	2	TOTAL		46,498	38,580	41,026	43,040
P-4 MEDICAL OFFICER 4.3036	WR	1	1	1	1	PERSONNEL-POSTS		42,125	34,080	36,526	38,540
P-3 STATISTICIAN 4.3037	WR	1	1	1	1	DUTY TRAVEL		4,373	4,500	4,500	4,500

AMRO-0307, SEMINARS ON SMALLPOX ERADICATION

AS SMALLPOX VACCINATION PROGRAMS ARE CARRIED TO COMPLETION IN THE VARIOUS COUNTRIES, IT IS NECESSARY TO ORGANIZE THE MAINTENANCE PROGRAMS AND EPIDEMIOLOGICAL SURVEILLANCE SERVICES CHARGED WITH CASE-FINDING, DIAGNOSIS, AND FOLLOW-UP OF SUSPECTED CASES, AND TO TAKE THE NECESSARY MEASURES TO PREVENT RECURRENCE OF THE DISEASE.

THE SEMINARS ARE SET UP TO FORMULATE RECOMMENDATIONS FOR CARRYING OUT THE HEMISPHERE-WIDE ERADICATION CAMPAIGN.

<u>FUND 1969 1970 1971 1972</u>					<u>FUND 1969 1970 1971 1972</u>						
<u>-----</u>					<u>-----</u>						
					WR						
					\$						
TOTAL		-	4	4	4	TOTAL		-	19,700	19,700	19,700
CONSULTANT MONTHS	WR	-	4	4	4	PERSONNEL-CONSULTANTS		-	7,200	7,200	7,200
TOTAL		-	15	15	15	PARTICIPANTS		-	12,500	12,500	12,500
PARTICIPANTS	WR	-	15	15	15						

AMRO-0400, TUBERCULOSIS CONTROL

IT IS ESTIMATED THAT THERE ARE PRESENTLY SOME 1.25 MILLION ACTIVE CASES OF TUBERCULOSIS IN LATIN AMERICA. PRESENTLY, MORTALITY IS 29.0 PER 100,000 INHABITANTS IN SOUTH AMERICA, 20.0 IN MIDDLE AMERICA, AND 4.0 IN NORTH AMERICA.

THE PURPOSE OF THIS PROJECT IS TO ASSIST COUNTRIES IN PLANNING, IMPLEMENTING, AND ASSESSING THEIR TUBERCULOSIS CONTROL PROGRAMS, IN IMPROVING THE COLLECTION AND USE OF EPIDEMIOLOGICAL DATA, AND IN OBTAINING THE MAXIMUM RETURN FROM RESOURCES.

<u>FUND 1969 1970 1971 1972</u>					<u>FUND 1969 1970 1971 1972</u>						
<u>-----</u>					<u>-----</u>						
					WR						
					\$						
TOTAL		1	1	2	3	TOTAL		4,657	16,751	35,196	56,573
P-3 NURSE 4.0910 4.3282	WR	1	1	2	2	PERSONNEL-POSTS		-	9,851	26,796	41,273
G-4 SECRETARY 4.3457	WR	-	-	-	1	PERSONNEL-CONSULTANTS		4,657	5,400	5,400	10,800
						DUTY TRAVEL		-	1,500	3,000	4,500
TOTAL		3	3	3	6						
CONSULTANT MONTHS	WR	3	3	3	6						

AMRO-0402, TUBERCULOSIS CONTROL (ZONE II)

THE PURPOSE OF THIS PROJECT IS TO COLLABORATE WITH THE COUNTRIES OF THE ZONE, IN ACCORDANCE WITH EACH OF THEIR NEEDS, IN PLANNING, ORGANIZATION, DEVELOPMENT, AND EVALUATION OF PROGRAMS FOR THE CONTROL OF TUBERCULOSIS; TO TRAIN PROFESSIONAL PERSONNEL, BOTH INTERMEDIATE AND AUXILIARY IN MODERN TECHNIQUES OF TUBERCULOSIS CONTROL; AND TO INTEGRATE ANTITUBERCULOSIS ACTIVITIES INTO THE GENERAL HEALTH SERVICES.

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
								\$	\$	\$	\$
TOTAL		1	1	1	1	TOTAL	WR	15,117	22,120	24,545	24,394
P-4 MEDICAL OFFICER 4.0527	WR	1	1	1	1	PERSONNEL-POSTS DUTY TRAVEL		13,841 1,276	20,120 2,000	22,545 2,000	22,394 2,000

AMRO-0403, TUBERCULOSIS CONTROL (ZONE III)

THE PURPOSE OF THIS PROJECT IS TO ASSIST THE COUNTRIES OF THE ZONE WITH THEIR PROJECTS FOR TUBERCULOSIS CONTROL AND TO PROMOTE UNIFORMITY IN PATTERNS OF INTEGRATION, RECORDING, AND REPORTING AND IN EPIDEMIOLOGICAL AND OPERATIONAL EVALUATION.

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
								\$	\$	\$	\$
TOTAL		1	1	1	1	TOTAL	PR	26,178	22,473	23,361	24,249
P-4 MEDICAL OFFICER .0873	PR	1	1	1	1	PERSONNEL-POSTS DUTY TRAVEL		21,486 2,722	20,473 1,500	21,361 1,500	22,249 1,500
TOTAL		10	-	-	-	SUPPLIES AND EQUIPMENT		-	500	500	500
PARTICIPANTS	PR	10	-	-	-	PARTICIPANTS		1,970	-	-	-

AMRO-0404, TUBERCULOSIS CONTROL (ZONE IV)

THE PURPOSE OF THIS PROJECT IS TO ADVISE THE COUNTRIES OF THE ZONE ON THE PLANNING, IMPLEMENTATION, AND EVALUATION OF TUBERCULOSIS PROGRAMS CONSISTENT WITH THEIR FINANCIAL RESOURCES AND ON THEIR INTEGRATION INTO THE GENERAL HEALTH SERVICES; AND TO PROMOTE UNIFORMITY IN THE PATTERN OF RECORDING, REPORTING, AND EPIDEMIOLOGICAL AND OPERATIONAL EVALUATION.

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
								\$	\$	\$	\$
TOTAL		1	1	1	1	TOTAL	WR	8,633	14,625	19,228	21,255
P-4 MEDICAL OFFICER 4.0909	WR	1	1	1	1	PERSONNEL-POSTS DUTY TRAVEL		7,735 898	13,025 1,500	17,578 1,500	19,605 1,500
						SUPPLIES AND EQUIPMENT		-	100	150	150

AMRO-0408, SEMINAR ON TUBERCULOSIS CONTROL

DURING RECENT YEARS A GROWING CONCERN HAS BEEN OBSERVED IN RELATION TO THE RATIONAL USE OF EPIDEMIOLOGICAL, TECHNICAL, OPERATIONAL, AND SOCIAL PARAMETERS FOR PLANNING PURPOSES. THE NECESSITY OF FINDING A CONVENIENT METHOD OF CORRELATING THESE FACTORS WITH KNOWN VARIABLES HAS BEEN RECOGNIZED, PARTICULARLY IN SUCH EFFORTS AS BUILDING MATHEMATICAL MODELS WHICH DESCRIBE TUBERCULOSIS AS AN ECOLOGICAL PROBLEM AND WHICH SUGGEST NORMS THAT COULD BE USED AS BASES FOR DECISIONS BY ADMINISTRATORS.

ALL COUNTRIES IN THE AMERICAS HAVE ANTITUBERCULOSIS PROGRAMS, BUT RESULTS ARE NOT ALWAYS SATISFACTORY, NOR IS CURRENT KNOWLEDGE ON THE SUBJECT FULLY APPLIED. THEREFORE, IT IS CONSIDERED IMPERATIVE THAT THE LEAST COSTLY AND MOST EFFECTIVE ACTIVITIES BE UNDERTAKEN IN THE CONTROL OF TUBERCULOSIS AS PART OF THE BASIC HEALTH SERVICES.

A SEMINAR WILL BE HELD TO STUDY THE METHODOLOGY AT PRESENT RECOMMENDED FOR PLANNING TUBERCULOSIS CONTROL PROGRAMS; TO EVALUATE ITS DEGREE OF PRECISION IN TERMS OF QUALITY, SIMPLICITY, AND CONSISTENCY; AND TO SEARCH FOR SOLUTIONS TO PROBLEMS WHICH PREVENT THE MAXIMUM RETURN FROM RESOURCES.

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
								\$	\$	\$	\$
TOTAL		-	-	2	-	TOTAL	WR	-	-	37,305	-
CONSULTANT MONTHS	WR	-	-	2	-	PERSONNEL-CONSULTANTS		-	-	3,600	-
TOTAL		-	-	37	-	SEMINAR COSTS		-	-	6,800	-
PARTICIPANTS	WR	-	-	37	-	PARTICIPANTS		-	-	26,905	-

AMRO-0409, COURSES ON TUBERCULOSIS - EPIDEMIOLOGY

THE PURPOSE OF THIS PROJECT IS TO COOPERATE IN THE DEVELOPMENT OF AN ANNUAL COURSE OF THREE MONTH'S DURATION TO PROVIDE TRAINING FOR APPROXIMATELY 20 PARTICIPANTS FROM LATIN AMERICAN COUNTRIES. THESE COURSES WILL FAMILIARIZE THE STUDENTS WITH THE BASIC PRINCIPLES OF PUBLIC HEALTH ADMINISTRATION, SOCIAL SCIENCES, BIostatISTICS, AND EPIDEMIOLOGICAL METHODS APPLICABLE TO THE CONTROL OF TUBERCULOSIS, AS WELL AS THE SPECIFIC TECHNIQUES APPLICABLE TO TUBERCULOSIS FOR PREVENTION, DIAGNOSIS, AND TREATMENT OF CASES AND ORGANIZATION, EXECUTION, AND EVALUATION OF CONTROL PROGRAMS.

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AMRO-0600, VENEREAL DISEASE CONTROL . . . CONTINUED

TOTAL	FUND 1969 1970 1971 1972				TOTAL	FUND 1969 1970 1971 1972				
	PR	2	4	2		6	PR	\$	\$	\$
CONSULTANT MONTHS	PR	2	4	2	6		2,466	10,200	3,600	10,800
PERSONNEL-CONSULTANTS							2,171	7,200	3,600	10,800
SUPPLIES AND EQUIPMENT							295	3,000	-	-

AMRO-0700, PAN AMERICAN ZOONOSES CENTER

THE PRINCIPAL OBJECTIVES OF THE CENTER ARE TO PROVIDE TECHNICAL ADVISORY SERVICES TO THE GOVERNMENTS OF THE HEMISPHERE IN THE PLANNING, ORGANIZATION, AND EXECUTION OF PROGRAMS OF CONTROL AND ERADICATION OF THE ZOONOSES. EMPHASIS IS PLACED UPON RABIES, HYDATIDOSIS, BRUCELLOSIS, AND BOVINE TUBERCULOSIS.

IN RECOGNITION OF THE IMPORTANCE OF THESE OBJECTIVES AND THE MAGNITUDE OF THE PROBLEM, THE UNITED NATIONS SPECIAL FUND APPROVED A PROGRAM, REQUESTED BY THE GOVERNMENT OF ARGENTINA, FOR THE STRENGTHENING OF THE CENTER (SEE ARGENTINA-0700). THIS PROGRAM BECAME OPERATIONAL IN JANUARY OF 1967. ALSO IN 1967 THE PAHO SCIENTIFIC ADVISORY COMMITTEE FOR THE CENTER PROVIDED GUIDANCE AND ADVICE ON THE ACTIVITIES OF THE CENTER, PARTICULARLY ON THE FOUR ABOVE-MENTIONED DISEASES. CONCERNING THESE, IN THE OPINION OF THE COMMITTEE, THE IMPORTANT PRACTICAL AND IMMEDIATE RESPONSIBILITIES OF THE CENTER ARE AS FOLLOWS:

IN THE FIELD OF RABIES, PROGRAMS INCLUDE THE IMPROVEMENT IN QUALITY CONTROL OF VACCINE PRODUCTION, THE EVALUATION OF VACCINES FOR USE IN CATTLE, THE EPIDEMIOLOGICAL INVESTIGATIONS OF ACCIDENTAL RABIES, AND THE DEVELOPMENT OF THE NEWLY AVAILABLE RABIES TISSUE CULTURE PLAQUE TECHNIQUE FOR TITRATIONS.

IN RELATION TO BRUCELLOSIS, FIELD SERVICES PROVIDED ARE COORDINATION OF ANTI-BRUCELLOSIS ACTIVITIES BETWEEN COUNTRIES, PROMOTION OF SURVEYS ON ANIMAL AND HUMAN BRUCELLOSIS, PROMOTION OF PILOT AREAS PROGRAMS ON GOAT BRUCELLOSIS CONTROL, AND PROVISION OF LABORATORY SERVICES AND REFERENCE STRAINS.

PROJECTS UNDER THE HYDATIDOSIS PROGRAM ARE STUDIES ON DRUGS FOR THE TREATMENT OF CANINE ECHINOCOCCOSIS, STUDIES ON THE EVOLUTION OF TAENIID EGGS IN THE PERITONEAL CAVITY OF MERIONES UNGUICULATA, STUDIES ON THE EFFECT OF RADIATION ON THE EGGS OF ECHINOCOCCUS GRANULOSUS, AND THE PURIFICATION OF SPECIFIC ANTIGENS FROM ECHINOCOCCUS GRANULOSUS HYDATIC CYST FLUID.

THE COMMITTEE RECOMMENDED THAT NATIONAL PROGRAMS ON BOVINE TUBERCULOSIS ERADICATION BE ENCOURAGED. IN ORDER TO ACHIEVE THIS AIM, THE FOLLOWING SERVICES WILL BE PROVIDED BY THE CENTER: THE ESTABLISHMENT OF A REFERENCE LABORATORY FOR MYCOBACTERIA, IF FEASIBLE; THE ESTABLISHMENT OF A PILOT TUBERCULIN PRODUCTION PLANT; AND THE ESTABLISHMENT OF UNIFORM PROCEDURES FOR REGISTRATION OF TUBERCULOUS LESIONS IN SLAUGHTERHOUSES.

THE CENTER WILL PROVIDE TRAINING FOR PROFESSIONALS AND TECHNICIANS IN THE DIAGNOSIS, INVESTIGATION, AND CONTROL OF THE ZOONOSES. CLOSE CONTACT WITH UNIVERSITIES WILL BE MAINTAINED IN ORDER TO INTEREST TRAINEES IN THE PROGRAMS OF THE CENTER. IN OTHER MATTERS, THE CENTER WILL GIVE ATTENTION TO SERUM SAMPLES COLLECTED IN CONNECTION WITH FIELD RESEARCH AND SURVEILLANCE ACTIVITIES FOR PRESERVATION IN A SERUM BANK AT THE CENTER. FOOD HYGIENE WILL ALSO BE GIVEN A HIGH PRIORITY AS AN ACTIVITY OF THE CENTER.

TOTAL		76	78	78	78	TOTAL	387,242	425,470	424,010	468,564
P-5 DIRECTOR	PR	1	1	1	1					
.0768						SUBTOTAL	50,423	63,045	61,063	68,877
P-4 ZOONOSES SPECIALIST	WR	1	1	1	1					
4.0770										
P-3 ASSISTANT VIROLOGIST	WR	1	1	1	1	PERSONNEL-POSTS	47,894	60,245	58,263	66,077
4.2142						DUTY TRAVEL	2,229	2,500	2,500	2,500
P-2 ADMINISTRATIVE ASSISTANT	WR	1	1	1	1	HOSPITALITY	300	300	300	300
4.0772										
P-2 LAB. ANIMAL SPECIALIST	PR	1	1	1	1	SUBTOTAL	244,632	277,639	282,629	310,892
.3174										
P-2 SCIENTIST	WR	1	1	1	1					
4.2143						PERSONNEL-POSTS	177,834	197,197	216,917	238,609
P-1 AUDIO VISUAL OFFICER	PR	1	1	1	1	DUTY TRAVEL	22	82	-	-
.3173						SUPPLIES AND EQUIPMENT	24,581	32,608	14,128	15,541
G-7 TECHNICAL ASSISTANT	PG	1	1	1	1	COMMON SERVICES	42,195	47,752	51,584	56,742
.3163										
G-6 ACCOUNTING ASSISTANT	PG	1	1	1	1	SUBTOTAL	4,545	4,000	-	-
.0773										
G-6 ADMINISTRATIVE ASSISTANT	PG	1	1	1	1					
.0775						PERSONNEL-POSTS	-	4,000	-	-
G-6 FOREMAN	PG	3	3	3	3	SUPPLIES AND EQUIPMENT	4,545	-	-	-
.0779 .0783 .3166										
G-6 JUNIOR ADMINISTRATIVE ASST.	PG	1	1	1	1	SUBTOTAL	87,642	80,786	80,318	88,795
.0778										
G-6 LABORATORY ASSISTANT	PG	1	1	1	1					
.0785						PERSONNEL-POSTS	60,144	75,448	72,706	81,195
G-6 LABORATORY TECHNICIAN	PG	4	4	4	4	DUTY TRAVEL	7,256	5,338	7,612	7,600
.0774 .2100 .2108 .3164						COMMON SERVICES	20,242	-	-	-
G-6 STATISTICAL ASSISTANT	PG	-	1	1	1					
.3570 .3570										
G-6 TECHNICAL ASSISTANT	PG	2	2	2	2					
.0776 .3162										
G-5 FIELD ASSISTANT	PG	1	1	1	1					
.3428										
G-5 LABORATORY ASSISTANT	PG	2	2	2	2					
.0777 .2107										
G-5 SECRETARY	PG	1	1	1	1					
.3481										
G-4 ACCOUNTING CLERK	PG	1	1	1	1					
.2102										
G-4 CLERK	PG	3	3	3	3					
.0781 .0784 .3074										
G-4 FOREMAN	PG	1	1	1	1					
.0786										

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AMRO-0700, PAN AMERICAN ZOONOSES CENTER . . . CONTINUED

		FUND	1969	1970	1971	1972	FUND	1969	1970	1971	1972
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G-4	LABORATORY ASSISTANT .0780 .0796 .2101 .2110	PG	4	4	4	4	\$	\$	\$	\$	\$
G-4	PRINTING SHOP ASSISTANT .3167	PG	1	1	1	1					
G-4	SECRETARY .3459	PR	-	1	1	1					
G-4	SECRETARY .0782 .2111	PG	2	2	2	2					
G-3	CLERK .0790 .0791 .3165	PG	3	3	3	3					
G-3	LABORATORY HELPER .0787 .0788 .2109	PG	3	3	3	3					
G-3	LABORER .0799 .0800	PG	2	2	2	2					
G-2	CHAUFFEUR .0795 .3093 .3431	PG	3	3	3	3					
G-2	CLERK .0802	PG	1	1	1	1					
G-2	CLERK TYPIST .0789	PG	1	1	1	1					
G-2	LABORATORY HELPER .0792 .0793 .0794 .2112 .3429	PG	5	5	5	5					
G-2	LABORER .0801 .0803 .0804	PG	3	3	3	3					
G-1	GUARD .2103	PG	1	1	1	1					
G-1	LABORER .0805 .0806 .0807 .0808 .0809 .2104 .2105 .2113 .2114 .3057 .3405 .3406 .3410 .3426 .3427 .3430	PG	16	16	16	16					
G-1	MESSENGER .3371	PG	1	1	1	1					

AMRO-0702, VETERINARY PUBLIC HEALTH (ZONE II)

THE MAIN OBJECTIVES OF THIS PROJECT ARE TO ASSIST THE COUNTRIES OF THE ZONE IN PROMOTING THE INTEGRATION OF VETERINARY PUBLIC HEALTH PROGRAMS INTO THE PUBLIC HEALTH SERVICES; IN PLANNING, DEVELOPING, AND EVALUATING PROGRAMS FOR THE CONTROL AND ERADICATION OF ANIMAL DISEASES COMMUNICABLE TO MAN, PARTICULARLY RABIES; IN IMPROVING THE SANITARY PROCESSING OF FOODS OF ANIMAL ORIGIN THROUGH INSPECTION; IN PROMOTING THE ADOPTION OF ADEQUATE VETERINARY PUBLIC HEALTH LEGISLATION; AND IN TRAINING PUBLIC HEALTH VETERINARY MEDICAL PERSONNEL.

TOTAL		1	1	1	1	TOTAL	PR	24,036	22,973	24,361	25,249
-----		-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
P-4	VETERINARIAN .3218	PR	1	1	1	1	PERSONNEL-POSTS	21,924	20,473	21,361	22,249
							DUTY TRAVEL	2,112	2,500	2,500	2,500
							SUPPLIES AND EQUIPMENT	-	-	500	500

AMRO-0703, VETERINARY PUBLIC HEALTH (ZONE III)

THE MAIN OBJECTIVES OF THIS PROJECT ARE AS FOLLOWS: A) TO STIMULATE THE DEVELOPMENT AND CONSOLIDATION OF VETERINARY PUBLIC HEALTH PROGRAMS AS AN INTEGRAL PART OF PUBLIC HEALTH SERVICES IN THE COUNTRIES OF ZONE III; B) TO ASSIST THESE SERVICES IN THE PLANNING, DEVELOPMENT, AND EVALUATION OF PROGRAMS AIMED AT THE CONTROL AND ERADICATION OF ANIMAL DISEASES COMMUNICABLE TO MAN, WITH SPECIAL EMPHASIS ON RABIES PROGRAMS; C) TO PROMOTE THE INSPECTION AND PRODUCTION UNDER SANITARY CONDITIONS OF ALL FOODS OF ANIMAL ORIGIN; D) TO PROMOTE THE ORGANIZATION OF TRAINING COURSES FOR VETERINARY PUBLIC HEALTH PERSONNEL AT ALL LEVELS AND TO PARTICIPATE IN THE CONDUCT OF THESE COURSES; E) TO PROMOTE THE ESTABLISHMENT OF VETERINARY PUBLIC HEALTH LEGISLATION SUITABLE TO EACH COUNTRY'S NEEDS AND TO COOPERATE WITH THE GOVERNMENTS IN ITS FORMULATION; F) TO ASSIST IN EVALUATING VETERINARY PUBLIC HEALTH AND OTHER PROGRAMS AIMED AT THE EFFECTIVE UTILIZATION OF THESE SERVICES; AND G) TO ASSIST IN THE SELECTION AND TRAINING OF NATIONAL AND LOCAL PUBLIC HEALTH VETERINARIANS.

TOTAL		1	1	1	1	TOTAL	WR	26,616	28,416	29,245	29,523
-----		-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
P-4	VETERINARIAN 4.0853	WR	1	1	1	1	PERSONNEL-POSTS	23,285	24,516	25,345	25,623
							DUTY TRAVEL	3,331	3,400	3,400	3,400
							SUPPLIES AND EQUIPMENT	-	500	500	500

AMRO-0704, VETERINARY PUBLIC HEALTH (ZONE IV)

IN THE COUNTRIES OF ZONE IV THERE IS HIGH PREVALENCE OF ZOONOSES: RABIES, BRUCELLOSIS, BOVINE TUBERCULOSIS, AND HYDATIDOSIS. THE MAGNITUDE OF THE PROBLEMS WITH THESE DISEASES HAS NOT BEEN MEASURED PRECISELY. THE PURPOSE OF THIS PROJECT IS TO COOPERATE IN THE STUDY, PLANNING, AND ORGANIZATION OF EFFECTIVE CONTROL PROGRAMS FOR THE ZOONOSES. IN ADDITION, THE PROJECT WILL COOPERATE IN THE DEVELOPMENT OF TEACHING OF PUBLIC HEALTH AND PREVENTIVE MEDICINE IN THE SCHOOLS OF VETERINARY MEDICINE, AND IN THE ORGANIZATION OF FOOD HYGIENE PROGRAMS.

TOTAL		1	2	2	2	TOTAL	WR	20,021	22,960	23,318	24,508
-----		-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
P-4	VETERINARIAN 4.3088	WR	1	1	1	1	PERSONNEL-POSTS	17,657	20,460	20,818	22,008
G-4	SECRETARY 4.3440	WR	-	1	1	1	DUTY TRAVEL	2,364	2,500	2,500	2,500

AMRO-0708, RABIES CONTROL

RABIES IS ENZOOTIC AND WIDELY DISSEMINATED IN MOST OF THE COUNTRIES IN THE HEMISPHERE. IN SPITE OF THE CONTROL PROGRAMS THAT HAVE BEEN CARRIED OUT IN THE CONTINENT IN THE PAST FEW YEARS, THE NUMBER OF REPORTED RABIES CASES IN HUMANS AND ANIMALS HAS INCREASED, AND IN SOME COUNTRIES THEY HAVE REACHED EPIDEMIC PROPORTIONS.

EPIDEMIOLOGICAL STUDIES OF RABIES IN WILD ANIMAL SPECIES ARE VITAL TO THE COMPLETE UNDERSTANDING OF THIS COMPLEX DISEASE. THERE IS A PRESSING NEED FOR DEVELOPING AND TESTING NEW VACCINES AND OTHER METHODS OF CONTROL. NEW DIAGNOSTIC TECHNIQUES HAVE BEEN PERFECTED. THE TRAINING OF LABORATORY PERSONNEL IN THESE UP-TO-DATE TECHNIQUES IS AN IMPORTANT ASPECT OF THIS PROJECT. THE ORGANIZATION WILL ASSIST IN TRAINING PROGRAMS AND IN SPECIAL STUDIES ON RABIES EPIDEMIOLOGY.

	FUND 1969	1970	1971	1972		FUND	1969	1970	1971	1972
	-----	-----	-----	-----		-----	-----	-----	-----	-----
							\$	\$	\$	\$
TOTAL	-	-	-	3	TOTAL	PR	-	-	-	5,400
CONSULTANT MONTHS	PR	-	-	3	PERSONNEL-CONSULTANTS		-	-	-	5,400

AMRO-0710, RABIES CONTROL: MEXICO-UNITED STATES BORDER

A SPECIAL PROGRAM OF RABIES CONTROL WAS INITIATED DURING 1966 ON THE BORDER AREA OF THE UNITED STATES AND MEXICO IN VIEW OF THE SERIOUS RABIES SITUATION THAT WAS DEVELOPING. THE PROGRAM HAS BEEN DESIGNED TO CONTROL THE DISEASE PRINCIPALLY IN DOGS OR SUCH OTHER ANIMALS AS MIGHT BE FOUND TO BE INFECTED. THE ACTIVITIES STARTED IN THE CITIES OF TIJUANA, MEXICALI, AND SAN LUIS RIO COLORADO AND HAVE BEEN EXPANDED TO THE OTHER CITIES ON THE BORDER. IT IS ANTICIPATED THAT THE PROGRAM WILL LAST FIVE YEARS OR LONGER, WITH THE GOAL OF ACCOMPLISHING FULL CONTROL OF THE DISEASE.

		2	2	2	2		PG	243,981	235,816	234,928	234,040
TOTAL		-----	-----	-----	-----	TOTAL		-----	-----	-----	-----
P-4 VETERINARIAN	PG	1	1	1	1	TEMPORARY PERSONNEL		28,959	-	-	-
.3223						PERSONNEL-POSTS		-	5,100	5,700	6,200
G-4 SECRETARY	PG	1	1	1	1	DUTY TRAVEL		5,830	6,000	6,000	6,000
.3228						SUPPLIES AND EQUIPMENT		41,712	45,754	40,972	39,584
						GRANTS		167,480	178,962	182,256	182,256

AMRO-0713, SEMINAR ON ANIMAL TUBERCULOSIS

IN LATIN AMERICA, ANIMAL TUBERCULOSIS IS KNOWN TO CAUSE LARGE ECONOMIC LOSSES AND TO BE A REAL THREAT TO HUMAN HEALTH. BOVINE TUBERCULOSIS IS UNDOUBTEDLY ONE OF THE PRINCIPAL ANIMAL HEALTH PROBLEMS IN ARGENTINA, BRAZIL, PARAGUAY, PERU, AND URUGUAY, THE HIGHER INFECTION RATES BEING FOUND IN DAIRY CATTLE KEPT NEAR THE LARGE CITIES. IN 1962 IN ARGENTINA IT WAS ESTIMATED THAT CONDEMNATIONS IN SLAUGHTERHOUSES DUE TO ANIMAL TUBERCULOSIS AMOUNTED TO \$4,000,000. PERU AND URUGUAY HAVE REPORTED SIMILAR HIGH LOSSES IN CONDEMNATIONS AND REDUCTION IN MILK PRODUCTION. ALL COUNTRIES IN THE REGION SHOULD BE ENCOURAGED TO TAKE CONTROL MEASURES AGAINST THE DISEASE. VENEZUELA, BY AN ACTIVE AND EXEMPLARY ERADICATION PROGRAM, HAS BEEN ABLE TO REDUCE THE INCIDENCE IN ANIMALS FROM 5 PER CENT TO A RATE FAR BELOW 1 PER CENT.

SUBJECTS TO BE CONSIDERED AT THIS SEMINAR WILL BE THE EXTENT OF THE PROBLEM IN THE INDIVIDUAL COUNTRIES; FIELD CONTROL METHODS; LABORATORY ASPECTS OF TUBERCULIN PRODUCTION, STANDARDIZATION, TYPING OF MYCOBACTERIUM ORGANISMS, AND CAMPAIGN FINANCING. THE SEMINAR HAS BEEN SCHEDULED TO COINCIDE WITH THE MEETING OF THE PAN AMERICAN VETERINARY CONGRESS IN CHILE.

		-	4	-	-		WR	-	31,480	-	-
TOTAL		-----	-----	-----	-----	TOTAL		-----	-----	-----	-----
CONSULTANT MONTHS	WR	-	4	-	-	PERSONNEL-CONSULTANTS		-	7,200	-	-
						SEMINAR COSTS		-	3,000	-	-
TOTAL		-	30	-	-	PARTICIPANTS		-	21,280	-	-
PARTICIPANTS	WR	-	30	-	-						

AMRO-0714, SYMPOSIUM ON THE HEALTH ASPECTS OF THE INTERNATIONAL MOVEMENT OF ANIMALS

A CONFERENCE OF SELECTED PHYSICIANS, VETERINARIANS, BIOMEDICAL SCIENTISTS, AND NATIONAL AND INTERNATIONAL OFFICIALS OF SIXTEEN AMERICAN COUNTRIES CONCERNED WITH THE MANY HEALTH ASPECTS OF THE INTERNATIONAL MOVEMENT OF ANIMALS, WAS HELD IN SAN ANTONIO, TEXAS, IN AUGUST 1968. DURING THIS CONFERENCE A FRUITFUL EXCHANGE OF VIEWS AND INFORMATION WAS ACHIEVED AMONG THE 182 PARTICIPANTS ON THE CRITICAL PROBLEMS RELATED TO THE SPREAD OF HUMAN AND ANIMAL DISEASE THROUGH THE HEMISPHERE BY THE IMPORTATION AND MOVEMENT OF ANIMALS ACROSS INTERNATIONAL BORDERS. SESSIONS WERE DEVOTED TO INTERNATIONAL REGULATORY CONTROL, PROTOCOLS FOR THE SHIPMENT OF RESEARCH AND LABORATORY ANIMALS AND THEIR INTRODUCTION INTO A COUNTRY, THE USE OF RESEARCH ANIMALS, MEASURES TO HALT DISEASE TRANSMISSION, AND THE NEED FOR THE ESTABLISHMENT OF LABORATORIES CONNECTED WITH THE INTERNATIONAL MOVEMENT OF ANIMALS AS WELL AS SPECIFIC DISEASE ENTITIES WHICH ARE A CAUSE OF CONCERN FOR THE MANY NATIONS INVOLVED. THE PROCEEDINGS OF THIS SYMPOSIUM WERE PUBLISHED BY THE ORGANIZATION IN 1969. THE GREAT SUCCESS ATTAINED AT THIS CONFERENCE HAS BROUGHT A SERIES OF RECOMMENDATIONS FROM THE AUTHORITIES OF SEVERAL COUNTRIES AND FROM THE PARTICIPANTS OF THE SYMPOSIUM, REQUESTING THE ORGANIZATION TO HOLD A FOLLOW-UP SYMPOSIUM IN 1971.

		-	-	-	3		WR	-	-	-	21,370
TOTAL		-----	-----	-----	-----	TOTAL		-----	-----	-----	-----
CONSULTANT MONTHS	WR	-	-	-	3	PERSONNEL-CONSULTANTS		-	-	-	5,400
						SEMINAR COSTS		-	-	-	3,500
TOTAL		-	-	-	28	PARTICIPANTS		-	-	-	12,470
PARTICIPANTS	WR	-	-	-	28						

AMRO-0716, SEMINAR ON RABIES VACCINE PRODUCTION AND CONTROL

IN 1969 A SEMINAR WAS HELD ON RABIES VACCINE PRODUCTION AND CONTROL IN BUENOS AIRES. IT REVIEWED THE TECHNIQUES OF PRODUCTION AND CONTROL OF NERVOUS TISSUE, CHICK EMBRYO, AND TISSUE CULTURE RABIES VACCINE, IN ACCORDANCE WITH THE RECENT RECOMMENDATIONS OF THE WHO RABIES RESEARCH STUDY GROUP.

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
								\$	\$	\$	\$
TOTAL		2	-	-	-	TOTAL	PR	16,217	-	-	-
CONSULTANT MONTHS	PR	2	-	-	-	PERSONNEL-CONSULTANTS		3,625	-	-	-
TOTAL		24	-	-	-	SEMINAR COSTS		5,245	-	-	-
PARTICIPANTS	PR	24	-	-	-	PARTICIPANTS		7,347	-	-	-

AMRO-0717, SEMINAR ON RABIES (ZONE IV)

A SEMINAR ON RABIES WAS HELD IN LIMA, PERU, IN 1969. IT WAS ATTENDED BY 79 PARTICIPANTS FROM FIVE COUNTRIES. THE MAIN SUBJECTS COVERED WERE RESOURCES AND PERSONNEL FOR RABIES CONTROL PROGRAMS, DIAGNOSTIC SERVICES, CASE-REPORTING AND SURVEILLANCE SERVICES, HEALTH EDUCATION, VACCINE PRODUCTION AND REQUIREMENTS, PLANNING AND FINANCING OF NATIONAL CONTROL PROGRAMS, AND PARALYTIC RABIES IN CATTLE.

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
								\$	\$	\$	\$
TOTAL		79	-	-	-	TOTAL	PR	8,157	-	-	-
PARTICIPANTS	PR	79	-	-	-	SEMINAR COSTS		306	-	-	-
						PARTICIPANTS		7,851	-	-	-

AMRO-0718, SEMINAR ON EPIDEMIOLOGY OF THE ZOONOSES

THE ZOONOSES WHICH HAVE THE GREATEST IMPORTANCE TO THE SOCIOECONOMIC AND AGRICULTURAL DEVELOPMENT AND PUBLIC HEALTH OF THE LATIN AMERICAN COUNTRIES ARE THOSE WHICH AFFECT THE DOMESTIC ANIMALS. OF THE 200 DISEASES WHICH ARE FOUND IN ANIMALS, APPROXIMATELY 100 ARE TRANSMISSIBLE TO MAN. WHEN THE PAN AMERICAN ZOONOSES CENTER WAS FOUNDED, PRIORITY WAS GIVEN TO FOUR OF THE MOST IMPORTANT OF THESE DISEASES: BRUCELLOSIS, ANIMAL TUBERCULOSIS, RABIES, AND HYDATIDOSIS. INVESTIGATIONS, COUPLED WITH TRAINING AND CONTROL ACTIVITIES, HAVE ALSO BEEN DIRECTED TOWARD SOME OF THE OTHER ZOONOSES, SUCH AS LEPTOSPIROSIS, ANTHRAX, AND TRICHINOSIS. WITH THE OPENING OF VIRGIN LANDS AND MAN ENTERING THEM FOR RECREATIONAL AND WORKING PURPOSES, THE SYLVATIC ZOONOSES ARE ASSUMING INCREASED IMPORTANCE. FUTURE INVESTIGATION WILL BE DIRECTED TOWARD THIS IMPORTANT GROUP. THE PURPOSE OF THIS PROJECT IS TO PROVIDE A SEMINAR WHICH WILL FOCUS ATTENTION ON THE PROBLEM AND SIGNIFICANCE OF THESE ZOONOSES IN THE AMERICAS AND ON METHODS OF DIAGNOSIS AND CONTROL.

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
								\$	\$	\$	\$
TOTAL		-	-	-	4	TOTAL	WR	-	-	-	22,900
CONSULTANT MONTHS	WR	-	-	-	4	PERSONNEL-CONSULTANTS		-	-	-	7,200
TOTAL		-	-	-	32	SEMINAR COSTS		-	-	-	3,000
PARTICIPANTS	WR	-	-	-	32	PARTICIPANTS		-	-	-	12,700

AMRO-0900, PLAGUE CONTROL

PLAGUE OCCURS AMONG WILD RODENTS IN LARGE AREAS OF ARGENTINA, BOLIVIA, BRAZIL, ECUADOR, PERU, THE UNITED STATES OF AMERICA, AND VENEZUELA. THE HIGH INCIDENCE OF THIS DISEASE DURING THE LAST FEW YEARS IN BOLIVIA, BRAZIL, ECUADOR, AND PERU INDICATES THAT PLAGUE STILL REPRESENTS BOTH AN IMPORTANT PUBLIC HEALTH PROBLEM AND A SERIOUS THREAT TO THIS HEMISPHERE.

THE PURPOSE OF THIS PROJECT IS TO COOPERATE WITH COUNTRIES IN DEVELOPING OR REORGANIZING THEIR PLAGUE CONTROL PROGRAMS AND IN CARRYING OUT RESEARCH.

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
								\$	\$	\$	\$
TOTAL		-	-	-	1	TOTAL	WR	8,513	7,200	7,200	17,543
P-5 MEDICAL OFFICER 4,3030	WR	-	-	-	1	PERSONNEL-POSTS		-	-	-	10,343
TOTAL		4	4	4	4	PERSONNEL-CONSULTANTS		8,484	7,200	7,200	7,200
CONSULTANT MONTHS	WR	4	4	4	4	SUPPLIES AND EQUIPMENT		29	-	-	-

AMRO-1000, PARASITIC DISEASES

PARASITIC DISEASES CONSTITUTE AN IMPORTANT PUBLIC HEALTH PROBLEM IN THE AMERICAS. SCHISTOSOMIASIS AND CHAGAS' DISEASE ARE AMONG THE MAIN CAUSES OF MORBIDITY DUE TO PARASITES. SCHISTOSOMIASIS UNDOUBTEDLY RETARDS SOCIOECONOMIC DEVELOPMENT BY REDUCING HUMAN PRODUCTIVITY AND BY PUTTING A HEAVY DEMAND ON HEALTH FACILITIES. THE IMPACT OF THE OTHER PARASITIC INFECTIONS IS LESS OBVIOUS, BUT THERE CAN BE NO DOUBT THAT THEY ARE ALSO MAJOR CAUSES OF SOCIOECONOMIC LOSS. AMONG THEM, ONCHOCERCIASIS, FILARIASIS, LEISHMANIASIS, AND INTESTINAL HELMINTH INFECTIONS RANK HIGH AS CAUSES OF DISABILITY AND REDUCED EFFECTIVENESS.

THE PARASITIC INFECTIONS HAVE NOT USUALLY RECEIVED THE DEGREE OF ATTENTION THEY DESERVE, BUT IT IS BEING REALIZED THAT MORE EFFORT SHOULD BE MADE TO DEVISE PRACTICAL MEASURES FOR THEIR CONTROL. THIS PROJECT IS INTENDED TO DIRECT ATTENTION TO THE NEED FOR DEVELOPMENT OF EFFECTIVE CONTROL PROGRAMS AND TO ENCOURAGE STUDIES THAT WILL REVEAL PRACTICAL CONTROL MEASURES. THE PROJECT ALSO SEEKS TO FOSTER THE EXCHANGE OF INFORMATION AMONG HEALTH WORKERS CONCERNED WITH THE CONTROL OF PARASITIC DISEASES.

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## AMRO-1000, PARASITIC DISEASES . . . CONTINUED

	FUND	1969	1970	1971	1972	TOTAL	FUND	1969	1970	1971	1972
								\$	\$	\$	\$
TOTAL		2	2	2	2	TOTAL	PR	33,366	35,102	32,838	36,175
P-5 PARASITOLOGIST .0975	PR	1	1	1	1	PERSONNEL-POSTS		29,323	28,002	29,338	30,675
G-4 SECRETARY .3119	PR	1	1	1	1	PERSONNEL-CONSULTANTS		-	3,600	-	-
						DUTY TRAVEL		3,533	3,500	3,500	3,500
						SUPPLIES AND EQUIPMENT		510	-	-	2,000
TOTAL		-	2	-	-						
CONSULTANT MONTHS	PR	-	2	-	-						

## AMRO-1007, SCHISTOSOMIASIS

SCHISTOSOMIASIS IS A PUBLIC HEALTH PROBLEM OF GREAT IMPORTANCE IN THREE SOUTH AMERICAN COUNTRIES AND SEVERAL CARIBBEAN ISLANDS. ALTHOUGH MUCH ATTENTION HAS BEEN GIVEN TO RESEARCH ON THE DISEASE, MUCH MORE REMAINS TO BE DONE. AT PRESENT, TOOLS AND SKILLS ARE AVAILABLE WHICH WOULD ACHIEVE CONTROL OF THE DISEASE IN A LARGE NUMBER OF ENDEMIC AREAS.

THE PROJECT IS DESIGNED TO SUPPORT RESEARCH ON CONTROL MEASURES, TO ASSIST IN IMPROVING AND EXTENDING CONTROL PROGRAMS, AND TO PROMOTE THE SETTING UP OF PILOT CONTROL STUDIES IN OTHER COUNTRIES WHERE THE DISEASE IS PRESENT. THE AIM OF MOST PROGRAMS SHOULD BE TO REDUCE TRANSMISSION, ALTHOUGH IN SOME LOCALITIES ERADICATION IS POSSIBLE AND SHOULD BE ATTEMPTED. THE PROGRAM SHOULD BE PLANNED WITH MODEST BEGINNINGS, WITH PROVISION FOR EXPANSION AS TRAINED PERSONNEL AND OTHER RESOURCES BECOME AVAILABLE. THE GREATEST LACK IS IN TRAINED PERSONNEL. SUPPORT OF THE INTERNATIONAL CENTER FOR SNAIL IDENTIFICATION AND RESEARCH WILL BE CONTINUED.

		1	4	4	4	TOTAL		3,674	8,700	12,200	14,200
TOTAL						TOTAL	PR				
CONSULTANT MONTHS	PR	1	4	4	4	PERSONNEL-CONSULTANTS		1,938	7,200	7,200	7,200
						SUPPLIES AND EQUIPMENT		216	500	4,000	4,000
						GRANTS		1,520	1,000	1,000	3,000

## AMRO-1008, CHAGAS' DISEASE

CHAGAS' DISEASE IS ONE OF THE MAJOR UNSOLVED MEDICAL PROBLEMS OF THE WESTERN HEMISPHERE. ACCORDING TO AVAILABLE RECORDS, AT LEAST SEVEN MILLION AMERICANS ARE INFECTED WITH *TRYPANOSOMA CRUZI* OUT OF ABOUT 35 MILLION LIVING IN THE KNOWN ENDEMIC AREAS. HOWEVER, SINCE THE DISTRIBUTION AND PREVALENCE OF THE INFECTION HAVE NOT BEEN DETERMINED IN LARGE AREAS OF THIS HEMISPHERE, THE REAL NUMBERS MAY BE MUCH LARGER. THE DISEASE OCCURS IN AT LEAST 15 COUNTRIES.

THE PURPOSE OF THIS PROJECT IS TO PROMOTE MORE EFFECTIVE NATIONAL CONTROL PROGRAMS. THIS INVOLVES CONSULTATION ON THE DESIGN AND EXECUTION OF CONTROL PROGRAMS, ASSISTANCE IN EVALUATION OF AVAILABLE DATA CONCERNING THE DISEASE, AND ASSISTANCE IN TRAINING PROGRAMS.

THE PROJECT ALSO ASSISTS GOVERNMENTS AND RESEARCH LABORATORIES IN STUDIES TO ASCERTAIN THE EPIDEMIOLOGICAL CHARACTERISTICS OF CHAGAS' DISEASE AND ITS PREVALENCE, AND IN APPLYING PRACTICAL MEASURES FOR ITS CONTROL, AS WELL AS IN THE DEVELOPMENT OF BETTER DIAGNOSTIC METHODS.

		3	6	10	10	TOTAL		12,523	15,300	18,000	30,000
TOTAL						TOTAL					
CONSULTANT MONTHS	PR	3	6	10	10	PERSONNEL-CONSULTANTS		5,603	10,800	18,000	18,000
TOTAL		-	-	-	5	SUPPLIES AND EQUIPMENT		6,540	-	-	-
FELLOWSHIPS-SHORT TERM	PR	-	-	-	5	FELLOWSHIPS		-	-	-	7,000
						GRANTS		-	4,500	-	-
						SUBTOTAL	PG	380	-	-	-
						CONTRACTUAL SERVICES		380	-	-	-
						SUBTOTAL	WR	-	-	-	5,000
						GRANTS		-	-	-	5,000

## AMRO-1010, STUDY GROUP ON CHAGAS' DISEASE

THE PURPOSE OF THIS MEETING WAS TO DISCUSS THE STATUS OF NATIONAL RESEARCH AND CONTROL PROGRAMS. THE DISCUSSIONS OF THE RESEARCH PROGRAM EMPHASIZED ORGANIZATION AND SUPPORT RATHER THAN THE SUBJECTS STUDIED. THE STATUS OF EXISTING PROGRAMS WAS REVIEWED, AND PROBLEMS RELATED TO THE PLANNING AND EXECUTION OF PROGRAMS DISCUSSED.

		5	-	-	-	TOTAL		10,099	-	-	-
TOTAL						TOTAL	PR				
CONSULTANT MONTHS	PR	5	-	-	-	PERSONNEL-CONSULTANTS		9,900	-	-	-
						SEMINAR COSTS		199	-	-	-

AMRO-1011, RESEARCH IN CHAGAS' DISEASE

A GRANT WAS MADE IN LATE 1969 TO THE DEPARTMENT OF ZOOLOGY OF WHITMAN COLLEGE, WALLA WALLA, WASHINGTON, UNITED STATES OF AMERICA, TO SUPPORT RESEARCH ON THE ENZYME SYSTEMS OF *TRYPANOSOMA CRUZI*, WITH THE OBJECTIVE OF LEARNING HOW IT DAMAGES THE HOST AND HOW IT RESPONDS TO OTHER ORGANISMS ASSOCIATED WITH IT. THE STUDY IS EXPECTED TO BE COMPLETED BY THE END OF 1970.

FUND	1969	1970	1971	1972	FUND	1969	1970	1971	1972
	\$	\$	\$	\$		\$	\$	\$	\$
TOTAL					PR	4,175	-	-	-
GRANTS						4,175	-	-	-

AMRO-2100, ENVIRONMENTAL SANITATION

ALTHOUGH HIGH PRIORITY IS BEING GIVEN TO ACTIVITIES IN THE WATER AND SEWERAGE FIELDS AND TO THE TRAINING AND EDUCATION OF PROFESSIONAL PERSONNEL, OTHER ENVIRONMENTAL SANITATION ACTIVITIES OF THE MEMBER COUNTRIES REQUIRE ASSISTANCE FROM THE ORGANIZATION. THESE ACTIVITIES COMPRISE SOLID WASTES COLLECTION AND DISPOSAL, FOOD SANITATION, SCHOOL SANITATION, SANITATION OF PUBLIC ESTABLISHMENTS, TRANSPORTATION, VECTOR CONTROL INCLUDING RODENT CONTROL, TRAINING OF AUXILIARY PERSONNEL (MAINLY OF SANITARY INSPECTORS), AND A GREAT VARIETY OF ACTIONS WHICH FALL IN THE REALM OF ENVIRONMENTAL SANITATION. IT IS EXPECTED THAT THE ORGANIZATION WILL, THROUGH THIS PROJECT, RENDER THE NECESSARY ASSISTANCE TO A LARGE PROPORTION OF REQUESTS WHICH OTHERWISE HAVE TO BE LEFT UNATTENDED FOR LACK OF SPECIFIC COMMITMENTS. A GREAT MANY OF THESE ACTIVITIES ARE OF PARAMOUNT IMPORTANCE TO THE LOCAL SANITATION AUTHORITIES OF THE MEMBER COUNTRIES.

TOTAL		-	-	-	1	TOTAL	PR	3,646	9,500	9,500	16,228
G-4 SECRETARY .3461	PR	-	-	-	1	PERSONNEL-POSTS		-	-	-	4,928
TOTAL		1	5	5	6	PERSONNEL-CONSULTANTS		279	9,000	9,000	10,800
						CONTRACTUAL SERVICES		2,888	-	-	-
CONSULTANT MONTHS	PR	1	5	5	6	SUPPLIES AND EQUIPMENT		479	500	500	500

AMRO-2101, SANITARY ENGINEERING (ZONE I)

THE PURPOSE OF THIS PROJECT IS TO ASSIST THE GOVERNMENTS WITHIN THE ZONE IN PROMOTING, EVALUATING, AND COORDINATING THEIR SANITARY ENGINEERING PROGRAMS AND TO ESTABLISH GUIDELINES TO HELP THE GOVERNMENTS ACHIEVE THEIR OBJECTIVES. PRIORITY IS GIVEN TO WATER AND SEWERAGE PROGRAMS, INCLUDING NOT ONLY THE TECHNICAL ASPECTS BUT ALSO ADMINISTRATION, MANAGEMENT, OPERATION, AND FINANCING.

OTHER MAJOR AREAS OF CONCERN ARE THE PUBLIC HEALTH ASPECTS OF HOUSING, SOLID WASTES COLLECTION AND DISPOSAL, AIR AND WATER POLLUTION CONTROL, INDUSTRIAL HYGIENE, AND TRAINING OF PERSONNEL AND TEACHING OF SANITARY ENGINEERING.

CONSULTATIVE SERVICES ARE AVAILABLE TO THE GOVERNMENTS THROUGH THE OFFICE OF THE ZONE ENGINEER. HE IS RESPONSIBLE FOR MAINTAINING ADEQUATE CONTACT WITH GOVERNMENTAL AGENCIES DEALING WITH SANITARY ENGINEERING MATTERS AND WITH RELATED PROFESSIONAL INSTITUTIONS, AND FOR PROMOTING ACTIVE CONSIDERATION OF THE PROBLEMS AND COORDINATION AT THE ZONE LEVEL.

TOTAL		2	2	2	2	TOTAL	PR	40,570	40,384	42,030	43,708
P-5 SANITARY ENGINEER .0862	PR	1	1	1	1	PERSONNEL-POSTS		33,378	33,384	35,030	36,708
G-6 SECRETARY .3211	PR	1	1	1	1	DUTY TRAVEL		7,182	7,000	7,000	7,000
						SUPPLIES AND EQUIPMENT		10	-	-	-

AMRO-2102, SANITARY ENGINEERING (ZONE II)

THE PURPOSE OF THE PROJECT IS TO ASSIST THE COUNTRIES OF THE ZONE WITH THE STUDY OF EXISTING ENVIRONMENTAL SANITATION PROBLEMS AND TO ADVISE ON THEIR SOLUTIONS. AMONG THE ACTIVITIES TO BE DEVELOPED ARE THE FOLLOWING: ESTABLISHMENT OR REORGANIZATION OF SANITARY ENGINEERING UNITS IN MINISTRIES OF HEALTH, IMPROVEMENT OR ESTABLISHMENT OF WATER SUPPLY AUTHORITIES, AND COLLABORATION WITH THE UNIVERSITIES AND OTHER INSTITUTIONS IN THE EDUCATION AND TRAINING OF PROFESSIONALS AND NON-PROFESSIONALS, INCLUDING SANITARY INSPECTORS. OTHER FIELDS OF ACTIVITY WILL INCLUDE INDUSTRIAL HYGIENE, URBANIZATION AND HOUSING, AIR AND WATER POLLUTION, VECTOR CONTROL AND FOOD SANITATION, AND SOLID WASTES COLLECTION AND DISPOSAL.

TOTAL		2	2	2	2	TOTAL	WR	31,310	36,620	35,479	38,774
P-5 SANITARY ENGINEER 4.0864	WR	1	1	1	1	PERSONNEL-POSTS		28,092	33,470	32,329	35,424
G-5 SECRETARY 4.0865	WR	1	1	1	1	DUTY TRAVEL		3,218	3,000	3,000	3,200
						SUPPLIES AND EQUIPMENT		-	150	150	150

AMRO-2103, SANITARY ENGINEERING (ZONE III)

THE ORGANIZATION COOPERATES WITH THE COUNTRIES OF THE ZONE IN PROGRAMS IN THE FIELDS OF RURAL AND URBAN WATER SUPPLY, SEWERAGE AND SEWAGE DISPOSAL, HOUSING, URBANIZATION, INDUSTRIAL HYGIENE, FOOD AND MILK SANITATION, WATER AND ATMOSPHERIC POLLUTION CONTROL, VECTOR CONTROL, AND SOLID WASTE COLLECTION AND DISPOSAL. THE HIGHEST PRIORITY IS GIVEN TO URBAN AND RURAL WATER SUPPLIES, AND PRIORITIES ARE ASSIGNED TO OTHER PROJECTS ACCORDING TO LOCAL SITUATIONS. ASSISTANCE IS ALSO PROVIDED IN THE TRAINING OF PROFESSIONAL AND AUXILIARY PERSONNEL AND IN THE PROMOTION OF APPLIED RESEARCH PROJECTS RELATED TO LOCAL PROBLEMS IN THE FIELD OF SANITARY ENGINEERING.

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AMRO-2103, SANITARY ENGINEERING (ZONE III) . . . CONTINUED

					FUND	1969	1970	1971	1972					
					FUND	1969	1970	1971	1972					
						\$	\$	\$	\$					
TOTAL			3	2	2	2	TOTAL	PR	50,976	26,531	33,074	35,292		
P-5 SANITARY ENGINEER .0866	PR	1	1	1	1	PERSONNEL-POSTS	47,990	23,031	29,574	31,792				
G-6 SECRETARY .0867	PR	1	1	1	1	DUTY TRAVEL	2,486	3,000	3,000	3,000				
G-5 SECRETARY .3000	PR	1	-	-	-	SUPPLIES AND EQUIPMENT	500	500	500	500				

AMRO-2104, SANITARY ENGINEERING (ZONE IV)

IN THE LAST FEW YEARS THE CONSTRUCTION OF SANITARY WORKS, PARTICULARLY THOSE RELATED TO WATER SUPPLIES, HAS INCREASED CONSIDERABLY. IN ADDITION, PROBLEMS RELATED TO THE DISPOSAL OF SOLID AND LIQUID WASTES, HOUSING, URBANIZATION, INDUSTRIAL HYGIENE, FOOD HYGIENE, AIR POLLUTION, AND INSECT AND RODENT CONTROL ARE RECEIVING INCREASED ATTENTION.

THE PURPOSE OF THIS PROJECT IS TO COOPERATE WITH THE GOVERNMENTS OF ZONE IV IN THE DEVELOPMENT OF PROGRAMS RELATED TO THESE ENVIRONMENTAL PROBLEMS.

DURING THE FIRST PART OF THE ALLIANCE FOR PROGRESS DECADE, THE FOUR COUNTRIES OF THE ZONE HAVE ALLOCATED A TOTAL OF \$286.2 MILLION FOR WATER SUPPLY AND SEWERAGE LOAN-FINANCED PROJECTS. THE COUNTRIES PLAN TO SPEND \$183.8 MILLION DURING THE PERIOD 1968-1971 TO PROVIDE WATER SUPPLY SERVICE THROUGH HOUSE CONNECTIONS FOR 63 PER CENT OF THE URBAN POPULATION AND FOR 26 PER CENT OF THE RURAL POPULATION BY HOUSE CONNECTIONS OR PUBLIC HYDRANTS. THEY ALSO PLAN TO PROVIDE SEWAGE DISPOSAL FACILITIES FOR 60 PER CENT OF THE URBAN POPULATION AND 5 PER CENT OF THE RURAL POPULATION.

					FUND	1969	1970	1971	1972					
					FUND	1969	1970	1971	1972					
						\$	\$	\$	\$					
TOTAL			2	2	2	2	TOTAL	PR	22,052	25,544	32,018	34,163		
P-5 SANITARY ENGINEER .0868	PR	1	1	1	1	PERSONNEL-POSTS	18,856	22,444	28,918	31,063				
G-5 SECRETARY .0869	PR	1	1	1	1	DUTY TRAVEL	3,196	3,000	3,000	3,000				
						SUPPLIES AND EQUIPMENT	-	100	100	100				

AMRO-2106, SANITARY ENGINEERING (ZONE VI)

ZONE VI, THROUGH THE SERVICE OF ITS SANITARY ENGINEER, COOPERATES WITH THE GOVERNMENTS IN THE PLANNING, DEVELOPMENT, AND EVALUATION OF WATER SUPPLY, SEWAGE DISPOSAL, AND OTHER ENVIRONMENTAL SANITATION PROGRAMS. IT ALSO COOPERATES IN THE TRAINING PROGRAMS FOR PROFESSIONAL AND SUBPROFESSIONAL PERSONNEL, COLLABORATES WITH THE UNIVERSITIES AND SCHOOLS OF SANITARY ENGINEERING IN THE TEACHING AND TRAINING OF ENGINEERS, AND COOPERATES WITH THE GOVERNMENTS OF THE ZONE AND UNICEF IN DETERMINING THE EQUIPMENT AND SUPPLIES REQUIRED FOR THE EXECUTION OF THE ENVIRONMENTAL SANITATION PROGRAMS, ESPECIALLY IN THE RURAL AREAS.

					FUND	1969	1970	1971	1972					
					FUND	1969	1970	1971	1972					
						\$	\$	\$	\$					
TOTAL			2	2	2	2	TOTAL	PR	28,727	31,343	32,683	34,039		
P-5 SANITARY ENGINEER .0870	PR	1	1	1	1	PERSONNEL-POSTS	24,206	26,943	28,283	29,639				
G-4 SECRETARY .0871	PR	1	1	1	1	DUTY TRAVEL	4,274	4,300	4,300	4,300				
						SUPPLIES AND EQUIPMENT	247	100	100	100				

AMRO-2107, ENVIRONMENTAL SANITATION (CARIBBEAN)

THE PURPOSES OF THIS PROJECT ARE TO PROVIDE A DETAILED DEFINITION OF THE EXISTING PROBLEMS IN THE COUNTRIES AND TERRITORIES COVERED, SO THAT A DIAGNOSIS CAN BE MADE TO SERVE AS THE BASIS FOR IMMEDIATE AND FUTURE PLANNING; TO PROVIDE A PROGRAM OF TRAINING AND EDUCATION AT THE PROFESSIONAL AND SUB-PROFESSIONAL LEVELS THROUGH FELLOWSHIPS, SHORT COURSES, AND IN-SERVICE TRAINING; TO STIMULATE THE GOVERNMENTS TO RECRUIT NECESSARY PERSONNEL; TO PROVIDE ASSISTANCE TO THE GOVERNMENTS IN REORGANIZING AND/OR IMPROVING THEIR AGENCIES TO ADMINISTER ENVIRONMENTAL HEALTH PROGRAMS; AND TO UPDATE OBSOLETE AND INADEQUATE HEALTH LEGISLATION AND REGULATIONS. THESE ACTIVITIES WILL INCLUDE THE FIELDS OF WATER AND SEWERAGE SERVICES IN URBAN AND RURAL AREAS, HOUSING AND URBANIZATION, INDUSTRIAL HEALTH AND AIR POLLUTION, FOOD SANITATION, INSECT AND RODENT CONTROL, AND OTHERS OF IMPORTANCE IN THE AREA.

					FUND	1969	1970	1971	1972					
					FUND	1969	1970	1971	1972					
						\$	\$	\$	\$					
TOTAL			2	2	2	2	TOTAL	WT	43,255	50,800	50,800	50,800		
P-4 SANITARY ENGINEER 4.0822 4.1017	WT	2	2	2	2	PERSONNEL-POSTS	41,055	46,400	46,400	46,400				
						DUTY TRAVEL	2,044	4,000	4,000	4,000				
						SUPPLIES AND EQUIPMENT	156	400	400	400				

AMRO-2108, SEMINAR ON SANITARY ENGINEERING (ZONE III)

THE AIM OF THIS PROJECT IS TO STUDY AND ANALYZE PROBLEMS RELATING TO WATER SUPPLY, SEWAGE DISPOSAL, WATER POLLUTION, AND OTHER ENVIRONMENTAL SANITATION ACTIVITIES BY MEANS OF SEMINARS ATTENDED BY OFFICIALS RESPONSIBLE FOR SUCH PROGRAMS IN THE COUNTRIES OF ZONE III. SEMINARS ARE PLANNED FOR 1970, 1971, AND 1972 RESPECTIVELY, TO BE HELD IN COOPERATION WITH THE INTER-AMERICAN ASSOCIATION OF SANITARY ENGINEERS (AIDS).

					FUND	1969	1970	1971	1972					
					FUND	1969	1970	1971	1972					
						\$	\$	\$	\$					
TOTAL			10	-	-	-	TOTAL	PR	1,980	-	-	-		
PARTICIPANTS	PR	10	-	-	-	PARTICIPANTS	1,980	-	-	-	-			

AMRO-2112, AIR POLLUTION CONFERENCE

A CONFERENCE ATTENDED BY REPRESENTATIVES FROM SEVEN COUNTRIES REPRESENTING A WIDE VARIETY OF INTERESTS AND DISCIPLINES RELATED TO AIR POLLUTION CONTROL WAS HELD IN RIO DE JANEIRO IN 1968 TO CONSIDER THE AIR POLLUTION PROBLEM IN TERMS OF ITS EXTENT, SOURCES, HEALTH EFFECTS, ECONOMIC AND SOCIAL EFFECTS, CONTROL METHODS, AND PROCEDURES. IN 1969, THE REPORT OF THE CONFERENCE WAS COMPLETED AND GIVEN A WIDE DISTRIBUTION IN THE REGION.

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AMRO-2112, AIR POLLUTION CONFERENCE . . . CONTINUED

	FUND				TOTAL	FUND	1969	1970	1971	1972
	1969	1970	1971	1972			\$	\$	\$	\$
TOTAL	10	-	-	-	TOTAL	WR	1,626	-	-	-
PARTICIPANTS	WR	10	-	-	PARTICIPANTS		1,626	-	-	-

AMRO-2114, PAN AMERICAN SANITARY ENGINEERING CENTER

THE INCREASING DIFFICULTY OF PROVIDING A HEALTHFUL LIVING ENVIRONMENT IN CITIES IS ATTRACTING WORLD ATTENTION. MASS MIGRATIONS OF POPULATIONS FROM RURAL TO URBAN AREAS HAVE PROCEEDED AT A RATE GREATER THAN TECHNOLOGY AND INSTITUTIONS CAN COPE WITH THEM, EVEN IN THE MOST HIGHLY DEVELOPED COUNTRIES. THESE MIGRATIONS, COUPLED WITH POPULATION GROWTH AND RAPID INDUSTRIALIZATION, ARE PRODUCING PARTICULARLY SERIOUS PROBLEMS OF WATER SUPPLY, SEWERAGE, WATER POLLUTION, AIR POLLUTION, SOLID WASTE COLLECTION AND DISPOSAL, AND HOUSING. OCCUPATIONAL HAZARDS, RADIATION, NOISE, AND FOOD CONTAMINATION ARE OTHER ENVIRONMENTAL MATTERS REQUIRING INCREASED ATTENTION.

IN AREAS WHERE ECONOMIC DEVELOPMENT IS RECENT, AS IN MUCH OF LATIN AMERICA, RESOURCES HAVE NOT BEEN MOBILIZED TO SIGNIFICANTLY ALLEVIATE EXISTING ENVIRONMENTAL PROBLEMS OR TO PREVENT NEW ONES. IN THIS SITUATION, MADE MORE CRITICAL BECAUSE OF THE ONRUSH OF URBANIZATION, IT IS URGENT TO PROVIDE PROMPTLY THE RESOURCES FOR GUIDING URBAN ENVIRONMENTAL PLANNING AND DEVELOPMENT.

THE PURPOSE OF THIS PROJECT IS TO DEVELOP AND MAINTAIN HIGHER TECHNICAL COMPETENCE ON CALL FOR TECHNICAL ADVISORY SERVICES, AS A FOCAL POINT FOR ASSEMBLY AND ANALYSIS OF BASIC ENVIRONMENTAL DATA; TO COLLECT, EVALUATE, AND DISSEMINATE INFORMATION REGARDING NEW DEVELOPMENTS AND NEW METHODS FOR SOLVING PROBLEMS; TO PLAN AND CONDUCT SCIENTIFIC AND ADMINISTRATIVE SEMINARS ON URBAN ENVIRONMENTAL PROBLEMS; TO STIMULATE THE DEVELOPMENT OF TECHNICAL COMPETENCE IN MEMBER COUNTRIES; AND TO DEVELOP RESEARCH.

TOTAL		13	19	20	20	TOTAL	149,455	257,567	326,187	348,628
P-5 SANITARY ENGINEER .2003 .3372	PR	2	2	2	2	SUBTOTAL	96,238	162,488	192,617	204,290
P-4 HOUSING PLANNER .3337	PR	1	1	1	1	PERSONNEL-POSTS	72,553	149,488	179,617	191,290
P-4 SANITARY ENGINEER .0621 .3397 .3432 .3433	PR	2	4	4	4	PERSONNEL-CONSULTANTS	16,418	-	-	-
P-4 SANITARY ENGINEER 4.2004 4.3295	WR	2	2	2	2	DUTY TRAVEL	6,845	13,000	13,000	13,000
P-4 TECHNICAL INFORMATION SPEC. 4.3434	WR	-	1	1	1	COMMON SERVICES	412	-	-	-
P-2 ADMINISTRATIVE OFFICER 4.3435	WR	-	-	1	1	SUBTOTAL	49,738	91,476	129,661	140,051
G-6 ADMINISTRATIVE CLERK .2000	PR	1	1	1	1	PERSONNEL-POSTS	22,687	64,166	90,376	94,541
G-5 SECRETARY 4.3437	WR	-	1	1	1	PERSONNEL-CONSULTANTS	-	-	12,600	18,000
G-5 SECRETARY 4.0933	WD	1	1	1	1	DUTY TRAVEL	4,096	10,500	10,500	10,500
G-4 CLERK .0622	PR	1	1	1	1	SUPPLIES AND EQUIPMENT	8,472	-	-	-
G-4 CLERK 4.3438	WR	-	1	1	1	COMMON SERVICES	14,483	16,810	16,185	17,010
G-4 CLERK STENOGRAPHER .0875	PR	1	1	1	1	SUBTOTAL	3,479	3,603	3,909	4,287
G-4 SECRETARY 4.3436	WR	-	1	1	1	PERSONNEL-POSTS	3,479	3,603	3,909	4,287
G-2 CHAUFFEUR .3353	PR	1	1	1	1					
G-1 GUARD/JANITOR .3352	PR	1	1	1	1					
TOTAL		28	-	7	10					
CONSULTANT MONTHS	PR	14	-	-	-					
CONSULTANT MONTHS	WR	14	-	7	10					

AMRO-2116, CONFERENCE ON INTEGRATION OF ENVIRONMENTAL PROGRAMS IN METROPOLITAN AREAS

THE METROPOLITAN AREAS IN LATIN AMERICA ARE NOW EXPERIENCING TRENDS IN POPULATION GROWTH WHICH ARE ALREADY PRODUCING PROBLEMS IN THE ENVIRONMENTAL WELL-BEING AND HEALTH OF THEIR INHABITANTS. IT IS ESTIMATED THAT HALF OF THE POPULATION OF LATIN AMERICA IS HOMELESS OR DWELLS IN UNSAFE AND GROSSLY OVERCROWDED CONDITIONS. THE WIDESPREAD LACK OF FACILITIES IN MARGINAL AREAS, PARTICULARLY OF PIPED WATER IN THE HOME AND ADEQUATE SEWAGE DISPOSAL, GRAVELY AFFECT HEALTH AND WELL-BEING. THE POPULATION OF LATIN AMERICA IS EXPECTED TO INCREASE AT AN ANNUAL AVERAGE RATE OF 2.5 TO 2.8 PER CENT IN THE PERIOD 1961-1975, AND THE URBAN POPULATION IS EXPECTED TO GROW IN THE SAME PERIOD AT AN ANNUAL RATE OF 4.1 PER CENT. SLUM CLEARANCE AND IMPROVEMENT, SLUM PREVENTION, AND URBAN REDEVELOPMENT PROGRAMS HAVE SERIOUS ECONOMIC IMPLICATIONS FOR THE HEALTH AND WELL-BEING OF THE POPULATION.

THE PURPOSE OF THIS PROJECT IS TO PROVIDE A FORUM FOR PERSONS REPRESENTING A VARIETY OF INTERESTS AND DISCIPLINES RELATED TO ENVIRONMENTAL PROBLEMS IN METROPOLITAN AREAS TO DISCUSS GUIDELINES AND COURSES OF ACTION APPROPRIATE FOR THE COUNTRIES CONCERNED.

TOTAL		-	-	-	2	TOTAL	PR	-	-	-	21,248
CONSULTANT MONTHS	PR	-	-	-	2	PERSONNEL-CONSULTANTS	-	-	-	-	3,600
TOTAL		-	-	-	27	COURSE COSTS	-	-	-	-	3,200
PARTICIPANTS	PR	-	-	-	27	PARTICIPANTS	-	-	-	-	14,448

AMRO-2117, CONFERENCE ON ENVIRONMENTAL RESEARCH

IN RECENT YEARS, GRADUATE PROGRAMS IN SANITARY ENGINEERING HAVE UNDERGONE SIGNIFICANT DEVELOPMENT. THERE ARE NOW TEN UNIVERSITIES WITH GRADUATE PROGRAMS, LABORATORIES, AND SUFFICIENT FULL-TIME FACULTY MEMBERS TO UNDERTAKE RESEARCH ACTIVITIES.

IN 1971, IT IS PROPOSED TO HOLD A CONFERENCE ON ENVIRONMENTAL RESEARCH. ITS PURPOSE WILL BE TO EVALUATE RESEARCH NEEDS, TO DELINEATE EXISTING RESOURCES, TO IDENTIFY RESEARCH POTENTIALS, AND TO ESTIMATE THE RESOURCES NEEDED TO ATTAIN THEM. THE CONFERENCE IS ALSO EXPECTED TO RECOMMEND A REGIONAL RESEARCH PROGRAM AND FUTURE RESEARCH ACTIVITIES BY THE ORGANIZATION.

FUND 1969 1970 1971 1972					FUND 1969 1970 1971 1972						
TOTAL		-	-	3	-	TOTAL	WR	-	-	24,961	-
CONSULTANT MONTHS	WR	-	-	3	-	PERSONNEL-CONSULTANTS		-	-	5,400	-
TOTAL		-	-	39	-	COURSE COSTS		-	-	3,000	-
PARTICIPANTS	WR	-	-	39	-	PARTICIPANTS		-	-	16,561	-

AMRO-2200, WATER SUPPLIES

THE COUNTRIES OF THIS REGION SET FOR THEMSELVES IN THE CHARTER OF PUNTA DEL ESTE THE GOAL OF PROVIDING, BY 1971, WATER SUPPLY SERVICES TO 70 PER CENT OF THEIR URBAN AND 50 PER CENT OF THEIR RURAL POPULATION. BY THE END OF 1969, 72 PER CENT OF THE URBAN AND 16 PER CENT OF THE RURAL POPULATION WERE RECEIVING THESE SERVICES EITHER THROUGH HOUSE CONNECTIONS OR PUBLIC HYDRANTS. FROM 1961-1969 AN ESTIMATED \$1.68 BILLION WAS COMMITTED FOR THIS WORK, BENEFITING MORE THAN 70 MILLION PEOPLE. IN 1967 THE COUNTRIES OF LATIN AMERICA ESTIMATED THAT DURING THE 1968-1971 PERIOD THEY WOULD ALLOCATE A TOTAL OF NEARLY \$1.6 BILLION TO PROVIDE 71 PER CENT OF THE URBAN POPULATION WITH WATER SERVICE FROM HOUSE CONNECTIONS AND 23 PER CENT OF THE RURAL POPULATION WITH SERVICE FROM EITHER HOUSE CONNECTIONS OR PUBLIC HYDRANTS. THE COUNTRIES ALSO ESTIMATED THAT THEY WOULD ALLOCATE \$729 MILLION TO PROVIDE SEWERAGE SERVICES FOR 42 PER CENT OF THE URBAN POPULATION AND 3 PER CENT OF THE RURAL POPULATION.

THE PURPOSE OF THIS PROJECT IS TO ASSIST MEMBER GOVERNMENTS, THROUGH THE NATIONAL INSTITUTIONS RESPONSIBLE FOR WATER SUPPLY ACTIVITIES, IN REACHING THE ABOVE-MENTIONED OBJECTIVES. THE PROJECT PROVIDES TECHNICAL ADVISORY SERVICES TO MEMBER GOVERNMENTS IN ALL PHASES OF THIS ACTIVITY, INCLUDING PRELIMINARY AND FEASIBILITY STUDIES, PREPARATION OF PROGRAMS AND LOAN REQUESTS, AND ASSISTANCE ON THE TECHNICAL, ADMINISTRATIVE, AND FINANCIAL ASPECTS OF SUCH PROGRAMS. FOR THIS WORK, APART FROM CONSULTING SERVICES, THE PROJECT PROVIDES FELLOWSHIPS, THE ORGANIZATION OF COURSES AND SEMINARS, AND THE PREPARATION OF TECHNICAL MANUALS FOR REFERENCE AND GUIDANCE IN THOSE FIELDS.

TOTAL					TOTAL						
P-5 REG. ADV. - WATER SUPPLY	PR	1	1	1	1						
.3035											
P-4 ADMIN. METHODS OFFICER	PR	2	-	-	-	SUBTOTAL	PR <sup>1</sup>	152,097	60,875	64,626	71,381
.0850 .3120											
P-4 SANITARY ENGINEER	PR	1	1	1	1	PERSONNEL-POSTS		126,080	53,625	57,376	64,131
.3343						PERSONNEL-CONSULTANTS		8,642	-	-	-
G-6 SECRETARY	PR	1	-	-	-	DUTY TRAVEL		9,872	6,000	6,000	6,000
.3213						CONTRACTUAL SERVICES		3,500	-	-	-
G-5 SECRETARY	PR	1	1	1	1	SUPPLIES AND EQUIPMENT		4,003	1,250	1,250	1,250
.0930						SUBTOTAL	WR	-	9,000	45,000	45,000
G-4 SECRETARY	PR	3	2	2	2						
.0053 .0857 .1099						PERSONNEL-CONSULTANTS		-	9,000	45,000	45,000
TOTAL		4	5	25	25						
CONSULTANT MONTHS	PR	4	-	-	-						
CONSULTANT MONTHS	WR	-	5	25	25						

<sup>1</sup>SEE SPECIAL FUND FOR HEALTH PROMOTION, PART IV.

AMRO-2203, WATER SUPPLIES (ZONE III)

ALL OF THE COUNTRIES IN ZONE III HAVE BOTH URBAN AND RURAL WATER SUPPLY PROGRAMS. CONSIDERABLE PROGRESS HAS BEEN MADE THROUGH THOSE PROGRAMS SINCE THE START OF THE ALLIANCE FOR PROGRESS DECADE, WHEN IT WAS ESTIMATED THAT 54 PER CENT OF THE URBAN POPULATION AND 14 PER CENT OF THE RURAL POPULATION HAD WATER SUPPLY SERVICES. IN 1969 IT WAS ESTIMATED THAT 86 PER CENT OF THE URBAN POPULATION WERE SERVED (58 PER CENT BY HOUSE CONNECTIONS AND 28 PER CENT BY EASY ACCESS TO PUBLIC HYDRANTS) AND 19 PER CENT OF THE RURAL POPULATION HAD WATER SERVICE THROUGH HOUSE CONNECTIONS OR EASY ACCESS TO PUBLIC HYDRANTS. DURING THE FOUR-YEAR PERIOD 1968-1971, THE COUNTRIES PLANNED TO ALLOCATE \$62 MILLION FOR URBAN WATER SUPPLY PROJECTS AND NEARLY \$15 MILLION FOR RURAL WATER SUPPLY PROJECTS. WITH THE ADDITION OF IMPROVEMENTS FINANCED BY THESE FUNDS, IT IS ESTIMATED THAT 78 PER CENT OF THE URBAN POPULATION WILL BE SERVED BY HOUSE CONNECTIONS AND 21 PER CENT OF THE RURAL POPULATION WILL HAVE SERVICE FROM HOUSE CONNECTIONS OR PUBLIC HYDRANTS. DURING 1968 THE GOVERNMENTS ESTIMATED THEY SPENT A TOTAL OF \$13 MILLION ON WATER SUPPLY SYSTEM CONSTRUCTION AND IMPROVEMENTS AND \$5 MILLION FOR URBAN SEWERAGE SYSTEMS.

IN MOST OF THE COUNTRIES OF THE ZONE, NATIONAL AUTHORITIES HAVE BEEN CREATED WITH RESPONSIBILITY FOR THE DEVELOPMENT OF WATER SUPPLY AND SEWAGE DISPOSAL PROGRAMS. AT PRESENT, THE GREATEST PROBLEMS REMAIN IN THE ESTABLISHMENT OF SOLID FINANCIAL BASES AND SOUND ADMINISTRATIVE STRUCTURES. THE ORGANIZATION IS WORKING ACTIVELY WITH THE AGENCIES RESPONSIBLE FOR THE WATER SUPPLY PROGRAMS, HELPING THEM TO STRENGTHEN THEIR ORGANIZATION AND ADMINISTRATIVE PROCEDURES. THE GROUP-APPROACH CONSULTATION TECHNIQUE WAS ORIGINATED IN THIS ZONE AND HAS BEEN SO SUCCESSFUL IN SATISFYING THE NEED THAT IT HAS NOW BEEN EXTENDED TO THE OTHER ZONES AS WELL.

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AMRO-2219, WATER METERS . . . CONTINUED

	FUND				TOTAL	FUND				
	1969	1970	1971	1972		1969	1970	1971	1972	
						\$	\$	\$	\$	
TOTAL		9	3	-	TOTAL	PG	18,157	29,843	-	-
CONSULTANT MONTHS	PG	9	3	-	PERSONNEL-CONSULTANTS		6,059	5,400	-	-
					DUTY TRAVEL		2,896	5,000	-	-
					SEMINAR COSTS		9,202	19,443	-	-

AMRO-2220, PUBLIC SERVICES ADMINISTRATION

THERE ARE 131 WATER SUPPLY AND SEWERAGE AGENCIES AND SCORES OF AGENCIES HANDLING SOLID WASTE, POLLUTION, HOUSING, AND OTHER RELATED PROBLEMS IN OPERATION IN LATIN AMERICA. IT IS ANTICIPATED THAT A LARGE NUMBER OF THEM WILL UNDERTAKE ADMINISTRATIVE REFORM AND RATIONALIZATION DURING THE NEXT TEN YEARS.

THE OBJECTIVES OF THE PROJECT ARE GEARED TOWARD THE EVALUATION OF ESTABLISHED CRITERIA AND THE IMPLEMENTATION OF POLICIES, SYSTEMS, AND PROCEDURES CONDUCTIVE TO THE MOST EXPEDITIOUS PROCEDURES, THE FLEXIBILITY NEEDED, AND THE RATIONALIZATION REQUIRED TO MOBILIZE RESOURCES WITHIN SOUND ECONOMIC AND ADMINISTRATIVE CRITERIA. THE POLICIES AND PRACTICES ARE DIRECTED TO THE ESTABLISHMENT AND CONSOLIDATION OF THE SELF-FINANCING CRITERIA, AND THE LATEST TECHNOLOGY FOR EFFICIENT OPERATION OF PUBLIC SERVICES. SERVICES HAVE BEEN DIRECTED MAINLY TOWARD IMPROVEMENT OF WATER AND SEWERAGE INSTITUTIONS.

	FUND				TOTAL	FUND				
	1969	1970	1971	1972		1969	1970	1971	1972	
						\$	\$	\$	\$	
TOTAL		-	5	5	TOTAL		-	79,226	84,740	90,727
P-4 ADMINISTRATIVE CONSULTANT .0850 .3120	PR	-	2	2	2	PR	-	70,226	75,740	81,727
P-4 SANITARY ENGINEER .3509	PR	-	1	1	1	-----	-----	-----	-----	-----
G-6 SECRETARY .3213	PR	-	1	1	1	PERSONNEL-POSTS	-	70,226	75,740	81,727
G-4 SECRETARY .0852	PR	-	1	1	1	-----	-----	-----	-----	-----
TOTAL		-	5	5	5	PERSONNEL-CONSULTANTS	-	9,000	9,000	9,000
CONSULTANT MONTHS	WR	-	5	5	5	-----	-----	-----	-----	-----

AMRO-2222, SEMINAR ON LOANS AND PROJECT DEVELOPMENT

BETWEEN 1961 AND THE END OF 1968 THE GOVERNMENTS OF LATIN AMERICA HAVE MORE THAN DOUBLED THE NUMBER OF PEOPLE SERVED BY THEIR RURAL WATER PROGRAMS. TO ACCOMPLISH THIS EFFORT THEY HAVE COMMITTED THE AMOUNT OF \$203 MILLION FROM THEIR NATIONAL BUDGETS, WHILE 13 COUNTRIES HAVE RECEIVED 16 LOANS WHICH TOTAL \$45 MILLION, FROM TWO INTERNATIONAL LENDING AGENCIES. IN ADDITION TO THE \$248 MILLION THAT HAVE ALREADY BEEN SPENT, THE GOVERNMENTS PLAN TO SPEND AN ADDITIONAL \$225 MILLION BY 1971. THESE EXPENDITURES WILL RESULT IN RAISING THE COVERAGE OF RURAL WATER SUPPLIES TO 23 PER CENT OF THE RURAL POPULATION, VERSUS THE 50 PER CENT CALLED FOR IN THE CHARTER OF PUNTA DEL ESTE. IF THE COUNTRIES ARE TO MEET THIS GOAL THEY WILL NEED TO SPEND AN ADDITIONAL \$720 MILLION.

IN ORDER TO ASSIST THE COUNTRIES TO ACCELERATE THEIR EFFORTS TO DEVELOP NEW PROJECTS AND LOAN APPLICATIONS, IT IS PROPOSED TO CONVENE A SEMINAR IN 1972. ITS PURPOSE WILL BE TO PROVIDE A FORUM IN WHICH TO DISCUSS COMMON PROBLEMS, TO MEET WITH VARIOUS EXPERTS, AND TO DEVELOP A GENERAL GUIDE FOR FUTURE ACTIVITIES IN THIS FIELD.

	FUND				TOTAL	FUND					
	1969	1970	1971	1972		1969	1970	1971	1972		
						\$	\$	\$	\$		
TOTAL		-	-	-	3	TOTAL	WR	-	-	-	29,150
CONSULTANT MONTHS	WR	-	-	-	3	PERSONNEL-CONSULTANTS		-	-	-	5,400
TOTAL		-	-	-	30	SEMINAR COSTS		-	-	-	4,750
PARTICIPANTS	WR	-	-	-	30	PARTICIPANTS		-	-	-	19,000

AMRO-2223, SEMINAR ON PUBLIC SERVICES ADMINISTRATION

THE PURPOSE OF THIS PROJECT IS TO PROVIDE A MEANS FOR DEVELOPING AND DISSEMINATING CRITERIA, SYSTEMS, AND PROCEDURES FOR THE MOST EFFICIENT AND EFFECTIVE OPERATION AND ADMINISTRATION OF PUBLIC WATER SUPPLY AND SEWAGE DISPOSAL SERVICES. IT IS EXPECTED THAT RECOMMENDATIONS WILL BE MADE WHICH WILL DELINEATE BROAD GUIDELINES FOR EXECUTIVE DIRECTION OF PUBLIC ENTERPRISES.

	FUND				TOTAL	FUND					
	1969	1970	1971	1972		1969	1970	1971	1972		
						\$	\$	\$	\$		
TOTAL		-	-	-	1	TOTAL	PR	-	-	-	8,800
CONSULTANT MONTHS	PR	-	-	-	1	PERSONNEL-CONSULTANTS		-	-	-	1,800
TOTAL		-	-	-	20	SEMINAR COSTS		-	-	-	2,000
PARTICIPANTS	PR	-	-	-	20	PARTICIPANTS		-	-	-	5,000

AMRO-2224, CONFERENCE ON RECENT ADVANCES IN WATER TREATMENT

RECENT ADVANCES IN WATER TREATMENT HAVE A VERY SIGNIFICANT ECONOMIC POTENTIAL. THESE ADVANCES MAKE IT POSSIBLE TO INCREASE THE CAPACITY OF MANY EXISTING WATER TREATMENT PLANTS AT A MUCH LOWER COST THAN CONSTRUCTING NEW PLANT ADDITIONS. THE PROCEDURES FOR DETERMINING THE POSSIBILITIES AND ESTIMATING THEIR COSTS HAVE BEEN THE SUBJECT OF TWO TRAINING COURSES SPONSORED BY THE ORGANIZATION. RESULTS OF THESE COURSES HAVE BEEN SO ENCOURAGING THAT A CONCENTRATED EFFORT TO PERFECT THE PROCEDURES, DEMONSTRATE THEM, AND DISSEMINATE THE METHODOLOGY THROUGH TECHNICAL PUBLICATIONS IS INDICATED.

BY 1972, IT IS EXPECTED THAT THESE STEPS WILL HAVE BEEN LARGELY COMPLETED AND THAT THE NEW TECHNOLOGY CAN BE PRESENTED FOR BROAD-SCALE PROFESSIONAL CONSIDERATION. IT IS BELIEVED THAT A CONFERENCE WILL BE OF INTEREST NOT ONLY TO NATIONAL, STATE, AND MUNICIPAL WATER AUTHORITIES, BUT ALSO TO THE LENDING AGENCIES, BOTH NATIONAL AND INTERNATIONAL, TO UNIVERSITIES, AND TO CONSULTING ENGINEERS. THE PROJECT HAS APPLICABILITY ALSO TO OTHER REGIONS OF THE WORLD, AND, IN ORDER TO PROVIDE OPPORTUNITY FOR THE MAXIMUM PARTICIPATION IN THE CONFERENCE, IT IS PROPOSED THAT IT IMMEDIATELY PRECEDE THE XIII CONGRESS OF THE INTER-AMERICAN ASSOCIATION OF SANITARY ENGINEERS, TO BE HELD IN 1972.

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
								\$	\$	\$	\$
TOTAL		-	-	-	4	TOTAL	WR	-	-	-	35,200
CONSULTANT MONTHS	WR	-	-	-	4	PERSONNEL-CONSULTANTS		-	-	-	7,200
TOTAL		-	-	-	41	SEMINAR COSTS		-	-	-	5,000
PARTICIPANTS	WR	-	-	-	41	PARTICIPANTS		-	-	-	23,000

AMRO-2300, Aedes Aegypti ERADICATION

Aedes Aegypti HAS BEEN ERADICATED FROM EXTENSIVE AREAS OF THE WESTERN HEMISPHERE; HOWEVER, MUCH REMAINS TO BE DONE IN ORDER TO COMPLETE THE CAMPAIGN OF ERADICATION. INFESTATION CONTINUES IN SURINAM, IN FRENCH GUIANA, IN GUYANA, IN VENEZUELA, IN SOME LOCALITIES IN COLOMBIA, IN THE UNITED STATES OF AMERICA, AND IN THE CARIBBEAN WHERE, WITH VERY FEW EXCEPTIONS, ALL AREAS REMAIN EXTENSIVELY INFESTED.

FIVE COUNTRIES, BRAZIL, EL SALVADOR, HONDURAS, MEXICO, AND PANAMA, HAD ALREADY ERADICATED THE MOSQUITO BUT IN RECENT YEARS WERE FOUND TO BE REINFESTED.

THE PROBLEM OF RESISTANCE OF A. AEGYPTI TO DDT AND DIELDRIN, WHICH HAD BEEN IMPEDING THE PROGRESS OF THE CAMPAIGNS, HAS BEEN RESOLVED BY THE USE OF ORGANO-PHOSPHOROUS INSECTICIDES. THE PRINCIPAL OBSTACLES REMAINING IN THE PROSECUTION OF THE CAMPAIGN ARE FINANCIAL AND ADMINISTRATIVE.

Aedes Aegypti ERADICATION HAS BEEN ACHIEVED IN NEARLY 80 PER CENT OF THE ECOLOGICALLY FAVORABLE AREAS IN THE AMERICAS. THAT ENDEAVOR HAS COST MILLIONS OF MAN-DAYS OF WORK FOR REPEATEDLY INSPECTING AND TREATING MILLIONS OF HOUSES. THIS REPRESENTS AN ENORMOUS INVESTMENT IN MONEY AND EFFORT WHOSE SAFEGUARDING, OF VITAL IMPORTANCE TO THE AMERICAS, CAN BE ASSURED ONLY IF, IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE GOVERNING BODIES OF THE ORGANIZATION, COUNTRIES STILL INFESTED BY THE VECTOR COMPLETE THEIR CAMPAIGNS AS SOON AS POSSIBLE AND THOSE FREE OF THE VECTOR MAINTAIN STRICT VIGILANCE AGAINST REINFESTATION.

THE PROJECT PROVIDES ADVISORY SERVICES AND SOME SUPPLIES FOR THE VARIOUS CAMPAIGNS.

		4	4	4	5	TOTAL		92,326	118,759	108,792	125,717
P-5 MEDICAL OFFICER	PR	1	1	1	1	TOTAL	PR	92,326	118,759	76,352	125,717
.0811						PERSONNEL-POSTS		78,366	56,469	59,352	77,717
P-4 MEDICAL OFFICER	PR	-	-	-	1	DUTY TRAVEL		7,118	7,000	7,000	8,000
.3613						SUPPLIES AND EQUIPMENT		6,842	55,290	10,000	40,000
P-3 ENTOMOLOGIST	PR	1	1	1	1	SUBTOTAL	WR	-	-	32,440	-
.0812											
P-1 SANITARIAN	PR	1	1	1	1	SUBTOTAL				32,440	-
.2418											
G-4 SECRETARY	PR	1	1	1	1	SUPPLIES AND EQUIPMENT				32,440	-
.3309											

AMRO-2301, Aedes Aegypti ERADICATION (CARIBBEAN)

MOST OF THE ISLANDS OF THE CARIBBEAN, AS WELL AS VENEZUELA, GUYANA, SURINAM, AND FRENCH GUIANA, ARE STILL HEAVILY INFESTED WITH Aedes Aegypti, THE VECTOR OF URBAN YELLOW FEVER, DENGUE, AND HEMORRHAGIC FEVER. WITH THE PRESENCE OF THE YELLOW FEVER VIRUS IN THE NORTHERN REACHES OF THE AMAZON BASIN, THIS INFESTATION OF Aedes Aegypti IN THE CARIBBEAN AREA POSES A SERIOUS THREAT TO BOTH THE HEALTH AND THE ECONOMY OF THE REGION AS A WHOLE.

THE PURPOSE OF THIS PROJECT IS TO COOPERATE IN THE ERADICATION OF Aedes Aegypti FROM THIS AREA AND IN THE MAINTENANCE OF VIGILANCE TO KEEP IT FREE OF THE MOSQUITO.

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AMRO-3108, FIELD OFFICE: UNITED STATES-MEXICO BORDER

THE PROGRAMS OF THE FIELD OFFICE IN EL PASO CONCERN HEALTH PROBLEMS ALONG THE FRONTIER OF THE UNITED STATES OF AMERICA AND MEXICO. THEY HAVE AS THEIR OBJECTIVES 1) TO STIMULATE AND PROMOTE JOINT STUDY AND PLANNING OF HEALTH ACTIVITIES OF THE FRONTIER LOCALITIES IN ORDER TO ASSIST IN STRENGTHENING THE LOCAL SERVICES ON BOTH SIDES OF THE BORDER AND TO PERMIT THE DEVELOPMENT OF COORDINATED PROGRAMS TO DEAL WITH HEALTH PROBLEMS; 2) TO ASSIST IN THE INTER-CHANGE OF EPIDEMIOLOGICAL AND RELATED INFORMATION BETWEEN FRONTIER HEALTH AUTHORITIES; AND 3) TO SERVE AS THE SECRETARIAT FOR THE UNITED STATES/MEXICO BORDER PUBLIC HEALTH ASSOCIATION

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
						TOTAL		\$	\$	\$	\$
TOTAL		7	7	7	7	TOTAL		136,985	103,698	108,648	120,672
P-5 CHIEF, FIELD OFFICE .0902	PR	1	1	1	1	SUBTOTAL	PR	121,486	86,981	91,077	102,677
P-4 SANITARY ENGINEER .0903	PR	1	1	1	1						
P-3 NURSE 4.0905	WR	1	1	1	1	PERSONNEL-POSTS		85,407	62,681	65,777	68,877
G-5 OFFICE MANAGER .3310	PR	1	1	1	1	PERSONNEL-CONSULTANTS		2,176	3,600	3,600	3,600
G-4 CLERK STENOGRAPHER .0906 .0907 .0908	PR	3	3	3	3	DUTY TRAVEL		11,121	8,000	8,000	8,000
						SEMINAR COSTS		6,107	6,000	6,000	6,000
						HOSPITALITY		137	200	200	200
						COMMON SERVICES		16,538	6,500	7,500	16,000
TOTAL		1	2	2	2	SUBTOTAL	WR	15,499	16,717	17,571	17,995
CONSULTANT MONTHS	PR	1	2	2	2	PERSONNEL-POSTS		13,448	14,717	15,571	15,995
						DUTY TRAVEL		2,051	2,000	2,000	2,000

AMRO-3110, COORDINATION OF INTERNATIONAL RESEARCH

THE PURPOSE OF THE PROJECT IS TO STIMULATE, PLAN, DEVELOP, AND COORDINATE THE ORGANIZATION'S BIOMEDICAL AND HEALTH-RELATED RESEARCH PROGRAM THROUGH PROMOTION OF MULTINATIONAL COLLABORATION AND COMMUNICATION AMONG SCIENTISTS, ACCELERATION OF THE TRAINING OF RESEARCH WORKERS, AND DEVELOPMENT AND IMPLEMENTATION OF RESEARCH PROJECTS RELATED TO THE HEALTH GOALS OF THE AMERICAS.

THE PAHO ADVISORY COMMITTEE ON MEDICAL RESEARCH, COMPRISING SIXTEEN EMINENT SCIENTISTS AND EDUCATORS IN THE AMERICAS, ASSISTS THE ORGANIZATION IN DEVELOPING THE PROGRAM AND RECOMMENDS THE BASIS FOR A LONG-TERM RESEARCH POLICY. THE COMMITTEE MEETS ANNUALLY TO REVIEW CURRENT AND PROPOSED RESEARCH PROGRAMS AND TO RECOMMEND TO THE DIRECTOR THOSE THAT THE ORGANIZATION MIGHT CONSIDER UNDERTAKING.

		2	2	2	3	TOTAL		62,652	38,669	42,322	61,177
TOTAL		2	2	2	3	TOTAL		62,652	38,669	42,322	61,177
P-2 RESEARCH ASSISTANT .3488	PR	1	1	1	1	SUBTOTAL	PR	49,476	38,669	42,322	61,177
G-4 SECRETARY .2066 .3483	PR	1	1	1	2						
TOTAL		5	2	2	9	PERSONNEL-POSTS		7,848	15,569	19,222	25,477
CONSULTANT MONTHS	PR	3	2	2	9	PERSONNEL-CONSULTANTS		-	3,600	3,600	16,200
CONSULTANT MONTHS	PG	2	-	-	-	TECHNICAL ADVISORY COMM.		25,668	18,500	18,500	18,500
						DUTY TRAVEL		-	1,000	1,000	1,000
						SEMINAR COSTS		13,930	-	-	-
						PUBLICATIONS		2,030	-	-	-
						SUBTOTAL	PG	13,176	-	-	-
						PERSONNEL-CONSULTANTS		3,347	-	-	-
						SEMINAR COSTS		4,624	-	-	-
						PUBLICATIONS		5,205	-	-	-

AMRO-3122, DEVELOPMENT OF RIO PLATA BASIN

THE PURPOSES OF THIS PROJECT IS TO ASSIST THE GOVERNMENTS OF ARGENTINA, BOLIVIA, BRAZIL, PARAGUAY, AND URUGUAY IN DEVELOPING A CRITICAL INVENTORY OF BASIC INFORMATION NEEDED FOR AN INTEGRATED DEVELOPMENT OF THE RIO PLATA BASIN.

BASIC TECHNICO-ECONOMIC INFORMATION WILL BE ANALYZED AS A MEANS OF DEFINING DEVELOPMENT TARGETS, POLICY GUIDELINES AND FURTHER NECESSARY SURVEYS AND OF ESTABLISHING A RIO PLATA DOCUMENTATION CENTER. THIS IS A UNITED NATIONS PROJECT, CARRIED OUT PRIMARILY THROUGH THE ECONOMIC COMMISSION FOR LATIN AMERICA AND IN ASSOCIATION WITH THE INTER-AMERICAN DEVELOPMENT BANK.

THE ORGANIZATION IS PROVIDING ADVISORY SERVICES ON HEALTH ASPECTS OF THE PROJECT AND IS EXPLORING THE POSSIBILITY OF THE DEVELOPMENT OF A MODEL AREA THAT WOULD EXEMPLIFY THE PROPOSED DEVELOPMENT PROJECT FOR THE RIO PLATA BASIN.

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AMRO-3122, DEVELOPMENT OF RIO PLATA BASIN . . . CONTINUED

					<u>FUND</u>				
					<u>FUND</u>	<u>1969</u>	<u>1970</u>	<u>1971</u>	<u>1972</u>
						\$	\$	\$	\$
<u>TOTAL</u>		2	2	2	2	<u>42,639</u>	<u>48,308</u>	<u>53,953</u>	<u>75,656</u>
P-5 MEDICAL OFFICER .3172	PR	1	1	1	1				
P-5 SANITARY ENGINEER .3169	PR	1	1	1	1				
<u>TOTAL</u>		6	-	1	6				
CONSULTANT MONTHS	PR	6	-	1	6				
<u>TOTAL</u>		-	-	-	6				
PARTICIPANTS	PR	-	-	-	6				
					<u>TOTAL</u>				
						42,639	48,308	53,953	75,656
					<u>SUBTOTAL</u>				
					PR	40,594	48,308	53,953	75,656
					PERSONNEL-POSTS	22,783	42,308	45,653	52,356
					PERSONNEL-CONSULTANTS	11,599	-	1,800	10,800
					DUTY TRAVEL	5,825	6,000	6,000	6,000
					SEMINAR COSTS	387	-	500	500
					PARTICIPANTS	-	-	-	6,000
					<u>SUBTOTAL</u>				
					PG	2,045	-	-	-
					SEMINAR COSTS	2,045	-	-	-

AMRO-3124, APPLICATION OF DATA PROCESSING TO HEALTH ADMINISTRATION

THE PURPOSE OF THIS PROJECT IS TO PROVIDE ADVISORY SERVICES TO GOVERNMENTS ON THE APPLICATION OF DATA PROCESSING METHODS AND TECHNIQUES TO THE PLANNING FOR HEALTH SERVICES AND THE ADMINISTRATION OF HEALTH MINISTRIES. IN 1970, THESE ACTIVITIES ARE ABSORBED BY HEADQUARTERS.

<u>TOTAL</u>		1	-	-	-	<u>TOTAL</u>	PR	10,344	-	-	-
P-5 DATA PROCESSING OFFICER .3379	PR	1	-	-	-	PERSONNEL-POSTS		9,235	-	-	-
						DUTY TRAVEL		1,109	-	-	-

AMRO-3125, SPECIAL SEMINARS IN ZONE III

THE ANNUAL MEETINGS OF THE MINISTERS OF HEALTH OF CENTRAL AMERICA AND PANAMA ARE PRECEDED BY THOSE OF REPRESENTATIVES OF NATIONAL DEPARTMENTS OF TUBERCULOSIS, NUTRITION, HEALTH EDUCATION, NURSING, AND OTHERS, WITH YEAR-TO-YEAR VARIATION. RESOLUTIONS OF THE MINISTERS OF HEALTH ARE TAKEN ON THE BASIS OF THE REPORTS OF THE VARIOUS REPRESENTATIVES' MEETINGS. THE ORGANIZATION CONTRIBUTES TO THIS INTERNATIONAL INTERCHANGE OF IDEAS AND EXPERIENCES THROUGH ASSISTANCE TO THESE MEETINGS. EIGHT DIFFERENT MEETINGS OR SEMINARS WILL BE HELD IN 1970.

<u>TOTAL</u>		-	90	90	90	<u>TOTAL</u>	PR	-	15,000	15,000	15,000
PARTICIPANTS	PR	-	90	90	90	PARTICIPANTS		-	15,000	15,000	15,000

AMRO-3126, OPERATIONS RESEARCH

THE PURPOSE OF THIS PROJECT IS TO PROMOTE THE APPLICATION OF THE CONCEPTS AND METHODOLOGY OF OPERATIONS RESEARCH TO THE SOLUTION OF HEALTH PROBLEMS, IN ORDER TO DERIVE MAXIMUM RETURNS FROM INVESTMENTS MADE.

<u>TOTAL</u>		-	6	6	6	<u>TOTAL</u>	PR	-	22,800	22,800	22,800
CONSULTANT MONTHS	PR	-	6	6	6	PERSONNEL-CONSULTANTS		-	10,800	10,800	10,800
						GRANTS		-	12,000	12,000	12,000

AMRO-3129, RESEARCH TRAINING IN BIOMEDICAL SCIENCES

THE PURPOSE OF THIS PROJECT IS TO PROVIDE RESEARCH TRAINING IN BIOMEDICAL SCIENCES TO ENABLE CITIZENS OF ANY COUNTRY IN THE CARIBBEAN AREA, MIDDLE AMERICA, OR SOUTH AMERICA TO BROADEN THEIR EXPERIENCE IN ANY OTHER COUNTRY WITHIN THIS REGION. THE PROJECT'S IMMEDIATE PURPOSE IS TO INCREASE THE RESEARCH CAPABILITY AND OUTPUT OF INDIVIDUAL WORKERS IN ALL AREAS OF CLINICAL MEDICINE. ITS LONG-RANGE GOALS ARE TO STIMULATE NEW CONTRIBUTIONS TO KNOWLEDGE, TO IMPROVE GENERAL STANDARDS OF MEDICAL PRACTICE AND MEDICAL EDUCATION, AND TO STRENGTHEN THE ROLE OF RESEARCH AS AN IMPORTANT TRADITION IN THE LIFE OF THE COUNTRY.

THE WELLCOME TRUST COOPERATES IN THIS PROJECT.

<u>TOTAL</u>		-	32,000	32,000	16,000
<u>SUBTOTAL</u>	PG	-	16,000	16,000	16,000
GRANTS		-	16,000	16,000	16,000
<u>SUBTOTAL</u>	WR	-	16,000	16,000	-
GRANTS		-	16,000	16,000	-



AMRO-3203, NURSING (ZONE III)

EXPANDING HEALTH SERVICES CONTINUALLY REQUIRE MORE PREPARED NURSING PERSONNEL, NECESSITATING AN INCREASE IN EDUCATION RESOURCES, WHILE AT THE SAME TIME THERE IS INADEQUATE UTILIZATION OF THE EXISTING TRAINED ELEMENTS. THERE IS NOW A TOTAL WORKING FORCE OF ABOUT 4,339 NURSES AND 9,816 TRAINED AUXILIARIES, OR AN AVERAGE FOR ZONE III OF 2.7 NURSES AND 6 TRAINED NURSING AUXILIARIES, PER 10,000 POPULATION. IN ADDITION THERE ARE REPORTED TO BE 2,882 UNTRAINED NURSING AUXILIARIES AND AN UNDETERMINED NUMBER OF UNCLASSIFIED PERSONNEL WORKING IN NURSING SERVICES, PRINCIPALLY IN HOSPITALS. APPROXIMATELY 3,299 NURSES AND 10,943 AUXILIARIES (ABOUT 75 PER CENT WITH SOME TRAINING) NOW WORK IN HOSPITAL SERVICES WHICH HAVE A REPORTED TOTAL OF ABOUT 36,000 BEDS; THIS GIVES A ZONE AVERAGE OF ABOUT 12.3 NURSES AND 27 AUXILIARIES PER 100 HOSPITAL BEDS, WITH OCCUPANCY RATES RANGING FROM BELOW 50 PER CENT TO OVER 100 PER CENT. THE AVERAGE IN PUBLIC HEALTH SERVICES IS 2.3 NURSES AND 5.4 AUXILIARIES (90 PER CENT REPORTED TRAINED) PER 50,000 INHABITANTS; THE REPORTED TOTALS ARE 732 NURSES AND 1,739 AUXILIARIES FOR ALMOST 15,000,000 POPULATION. THE EDUCATIONAL PROGRAMS EMPLOY 186 FULL-TIME NURSES; 105 OF THESE ARE IN THE TWELVE BASIC SCHOOLS OF NURSING AND SIX IN THE UNIVERSITY NURSING PROGRAM.

THE PURPOSE OF THIS PROJECT IS 1) TO COOPERATE IN THE IDENTIFICATION OF NURSING RESOURCES AND FUTURE NEEDS; 2) TO ASSIST IN THE COORDINATION AND DEVELOPMENT OF NURSING SERVICES IN THE HOSPITAL, PUBLIC HEALTH, AND SPECIAL AREAS; 3) TO ESTABLISH NORMS FOR THE PREPARATION AND BEST UTILIZATION OF NURSING PERSONNEL IN ACCORDANCE WITH HEALTH NEEDS AND RESOURCES; 4) TO STIMULATE THE DEVELOPMENT AND IMPROVEMENT OF NURSING EDUCATION AND TRAINING PROGRAMS, AND 5) TO ADVISE ON MATTERS RELATING TO MIDWIFERY AND MATERNAL AND CHILD HEALTH.

	FUND	1969	1970	1971	1972	TOTAL	FUND	1969	1970	1971	1972
								\$	\$	\$	\$
TOTAL		3	4	4	4	TOTAL	PR	45,241	51,419	53,782	56,181
P-4 NURSE .0891	PR	1	1	1	1	PERSONNEL-POSTS		37,831	44,419	46,782	49,181
P-3 NURSE .3214	PR	1	1	1	1	DUTY TRAVEL		6,515	6,500	6,500	6,500
G-6 SECRETARY .0892	PR	1	1	1	1	SUPPLIES AND EQUIPMENT		895	500	500	500
G-5 SECRETARY .3125	PR	-	1	1	1						

AMRO-3204, NURSING (ZONE IV)

THE OBJECTIVES OF THIS PROJECT ARE TO ASSIST THE NATIONAL AUTHORITIES IN THE FOUR COUNTRIES OF THE ZONE IN THE DETERMINATION OF THE NURSING AND MIDWIFERY NEEDS AND RESOURCES AND IN PLANNING TO MEET THOSE NEEDS; IN THE DEVELOPMENT OF NURSING SERVICES, BOTH IN PUBLIC HEALTH AND HOSPITALS, IN ACCORDANCE WITH PROGRAM OBJECTIVES; IN THE PREPARATION OF NURSING PERSONNEL, BOTH PROFESSIONAL AND AUXILIARY, FOR PRESENT AND FUTURE HEALTH AND SERVICE NEEDS OF THE COUNTRY; AND IN THE DEVELOPMENT OF INVESTIGATIONS AND STUDIES FOR IMPROVED UTILIZATION AND PREPARATION OF NURSING PERSONNEL.

	FUND	1969	1970	1971	1972	TOTAL	FUND	1969	1970	1971	1972
								\$	\$	\$	\$
TOTAL		2	2	2	2	TOTAL	PR	25,220	28,224	29,497	30,790
P-4 NURSE .0893	PR	1	1	1	1	PERSONNEL-POSTS		22,519	25,574	26,847	28,140
G-6 ADMINISTRATIVE ASSISTANT .0894	PR	1	1	1	1	DUTY TRAVEL		2,701	2,500	2,500	2,500
						SUPPLIES AND EQUIPMENT		-	150	150	150

AMRO-3206, NURSING (ZONE V)

THE OBJECTIVES OF THIS PROJECT ARE TO COLLABORATE IN PLANNING, IMPLEMENTING, AND EVALUATING NURSING PROGRAMS IN THE FOUR COUNTRIES OF THE ZONE IN PERFORMING NURSING STUDIES AND OPERATIONAL RESEARCH IN ORDER TO OBTAIN VITAL INFORMATION NEEDED FOR A SOUND APPROACH IN MEETING IMMEDIATE AND FUTURE NEEDS FOR NURSING PERSONNEL.

	FUND	1969	1970	1971	1972	TOTAL	FUND	1969	1970	1971	1972
								\$	\$	\$	\$
TOTAL		2	2	2	2	TOTAL	PR	15,041	27,587	28,833	30,097
P-4 NURSE .0895	PR	1	1	1	1	PERSONNEL-POSTS		13,354	25,387	26,633	27,897
G-5 SECRETARY .0896	PR	1	1	1	1	DUTY TRAVEL		1,588	2,000	2,000	2,000
						SUPPLIES AND EQUIPMENT		99	200	200	200

AMRO-3210, HOSPITAL NURSING SERVICES

RECENT STATISTICS SHOW THAT THERE ARE ABOUT 10,000 HOSPITALS IN LATIN AMERICA AND THE CARIBBEAN. IT IS ESTIMATED THAT OF THE 70,328 GRADUATE NURSES IN THE SAME REGION, BETWEEN 50 AND 70 PER CENT ARE EMPLOYED IN THESE INSTITUTIONS. THE EFFECTIVENESS OF THE ADMINISTRATION AND SUPERVISION OF NURSING SERVICES DIRECTLY INFLUENCES THE BENEFITS DERIVED FROM THE LIMITED ECONOMIC RESOURCES, DUE IN LARGE PART TO THE UTILIZATION OF AUXILIARY PERSONNEL, OF WHOM THERE ARE AN ESTIMATED 177,702, THE MAJORITY WORKING IN HOSPITAL SERVICES. BECAUSE OF THE LARGE PERCENTAGE OF THE HEALTH BUDGET ALLOTTED TO CURATIVE SERVICES, NATIONAL AUTHORITIES ARE VITALLY CONCERNED ABOUT THE MORE EFFECTIVE UTILIZATION OF THESE RESOURCES. CONCOMITANTLY, HOSPITAL NURSES ARE AWARE OF THE NEED FOR INCREASED KNOWLEDGE OF THE ORGANIZATION AND ADMINISTRATION OF NURSING SERVICES, ESPECIALLY AS THEY RELATE TO THE UTILIZATION AND SUPERVISION OF NURSING AUXILIARY PERSONNEL.

THE PURPOSES OF THIS PROJECT ARE TO ORGANIZE A SERIES OF EDUCATIONAL CONFERENCES ON ADMINISTRATION OF NURSING SERVICES, TO PROVIDE CONSULTATION SERVICES, TO STIMULATE THE DEVELOPMENT OF CONTINUING EDUCATION PROGRAMS, AND TO STIMULATE THE DEVELOPMENT OF COURSES IN NURSING SERVICE ADMINISTRATION.

	FUND	1969	1970	1971	1972	TOTAL	FUND	1969	1970	1971	1972
								\$	\$	\$	\$
TOTAL		1	1	2	2	TOTAL	PR	722	27,314	33,449	35,359
P-4 NURSE .2068	PR	1	1	1	1	PERSONNEL-POSTS		329	15,714	25,449	27,359
G-4 SECRETARY .3443	PR	-	-	1	1	PERSONNEL-CONSULTANTS		-	3,600	-	-
						DUTY TRAVEL		-	4,000	4,000	4,000
						SUPPLIES AND EQUIPMENT		393	4,000	4,000	4,000
TOTAL		-	2	-	-						
CONSULTANT MONTHS	PR	-	2	-	-						

AMRO-3211, SEMINAR ON PLANNING FOR NURSING

THE COMPLEX PROBLEM OF PROVIDING ADEQUATE QUALITATIVE AND QUANTITATIVE NURSING CARE FOR HEALTH SERVICES CAN BE SOLVED ONLY THROUGH REALISTIC, COMPREHENSIVE PLANNING FOR NURSING DEVELOPMENT. THIS MUST BE BASED ON AN ACCURATE DIAGNOSIS OF EXISTING SITUATIONS, WITH AN IDENTIFICATION OF THE CONTRIBUTING FACTORS IN ACCORDANCE WITH EACH COUNTRY'S NEEDS AND POSSIBILITIES. IN ORDER TO PROMOTE AND STIMULATE INTEREST IN THE COUNTRIES IN THE DEVELOPMENT OF THE FOREGOING, SEMINARS ARE PLANNED FOR NURSING LEADERS FROM THE FIELDS OF EDUCATION AND SERVICE.

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
						TOTAL		\$	\$	\$	\$
TOTAL		-	-	2	2	TOTAL	WR	9,260	7,560	15,000	15,000
CONSULTANT MONTHS	WR	-	-	2	2	PERSONNEL-CONSULTANTS		-	-	3,600	3,600
TOTAL		28	14	25	25	SEMINAR COSTS		690	1,560	2,400	2,400
PARTICIPANTS	WR	28	14	25	25	PARTICIPANTS		8,570	6,000	9,000	9,000

AMRO-3213, SEMINAR ON ADMINISTRATION OF NURSING SERVICES

OF THE 70,300 GRADUATE NURSES OF LATIN AMERICA AND THE CARIBBEAN AREA, 50 TO 70 PERCENT ARE EMPLOYED IN THE 9,919 HOSPITALS IN THE REGION. SINCE 1966 THE ORGANIZATION HAS HELD EDUCATIONAL CONFERENCES FOR NURSES IN ORDER TO IMPROVE NURSING SERVICE ADMINISTRATION IN THESE SERVICE AREAS. IT IS NOW PROPOSED TO HAVE SIMILAR CONFERENCES FOR NURSES WHO HAVE OVERALL COUNTRY LEADERSHIP RESPONSIBILITIES FOR NURSING SERVICES IN ORDER TO OBTAIN COUNTRY-WIDE IMPROVEMENT OF NURSING SERVICES AT BOTH THE NATIONAL AND LOCAL LEVELS.

A WORKSHOP OF TWO WEEKS DURATION FOR FORTY NURSES IN KEY POSITIONS AT NATIONAL LEVEL IS PLANNED FOR 1971.

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
						TOTAL	WR	-	-	29,020	-
CONSULTANT MONTHS	WR	-	-	2	-	PERSONNEL-CONSULTANTS		-	-	3,600	-
TOTAL		-	-	40	-	SEMINAR COSTS		-	-	3,700	-
PARTICIPANTS	WR	-	-	40	-	PARTICIPANTS		-	-	21,720	-

AMRO-3300, LABORATORY SERVICES

ALTHOUGH LABORATORY SERVICES ARE ESSENTIAL TO THE IDENTIFICATION OF HEALTH PROBLEMS, PARTICULARLY IN RELATION TO INFECTIOUS DISEASES AND TO THE DIAGNOSIS AND PROPER THERAPY OF THE INDIVIDUAL PATIENT, MOST LABORATORIES IN LATIN AMERICA ARE PROVIDING INADEQUATE LABORATORY SERVICES. THE PRINCIPAL FACTORS RESPONSIBLE FOR INADEQUATE SERVICES ARE INADEQUATE AND IMPROPER ORGANIZATION OF LABORATORY SERVICES; INADEQUATELY TRAINED PERSONNEL; AND INADEQUATE AND INSUFFICIENT EQUIPMENT, SUPPLIES AND MATERIALS, ESPECIALLY BIOLOGICAL REAGENTS, SINCE MANY OF THE LATTER ARE NOT AVAILABLE FROM COMMERCIAL SOURCES.

THE PURPOSE OF THIS PROJECT IS TO ASSIST THE COUNTRIES TO IMPROVE THEIR LABORATORY SERVICES BY PROVIDING ADVICE ON ORGANIZATION OF LABORATORY SERVICES, ON INITIATION OR IMPROVEMENT OF TECHNICAL SERVICES, ON OBTAINING CRITICAL ITEMS OF EQUIPMENT AND SUPPLIES, AND ON TRAINING OF LABORATORY PERSONNEL; AND TO ASSIST IN THE PRODUCTION OF BIOLOGICALS OF GOOD QUALITY NEEDED FOR IMMUNIZATION.

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
						TOTAL	WR	10,890	12,700	13,200	13,200
CONSULTANT MONTHS	WR	2	4	4	4	PERSONNEL-CONSULTANTS		4,126	7,200	7,200	7,200
						SUPPLIES AND EQUIPMENT		6,764	5,500	6,000	6,000

AMRO-3303, LABORATORY SERVICES (ZONE III)

THE PURPOSE OF THIS PROJECT IS TO PROVIDE TECHNICAL ADVISORY SERVICES TO THE EXISTING PUBLIC HEALTH LABORATORIES AND TO PROMOTE THEIR COMPETENCY. A LONG-RANGE OBJECTIVE IS TO ESTABLISH A WELL-DEVELOPED NETWORK OF LABORATORIES IN EACH COUNTRY, WHICH WILL PROVIDE EXTENDED SERVICES IN RURAL AREAS.

THE CENTRAL LABORATORIES WILL BE STRENGTHENED IN ORDER TO ACT AS REFERENCE CENTERS FOR THE WHOLE COUNTRY AND TO CARRY OUT TRAINING AND RESEARCH ACTIVITIES.

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
						TOTAL	PR	22,625	24,473	25,361	26,249
LABORATORY ADVISER	PR	1	1	1	1	PERSONNEL-POSTS		16,991	20,473	21,361	22,249
2032						DUTY TRAVEL		3,518	3,500	3,500	3,500
TOTAL		18	-	-	-	SUPPLIES AND EQUIPMENT		560	500	500	500
PARTICIPANTS	PR	18	-	-	-	PARTICIPANTS		1,556	-	-	-

AMRO-3304, LABORATORY SERVICES (ZONE IV)

THE PURPOSE OF THIS PROJECT IS TO COOPERATE IN IMPROVING THE LABORATORY SERVICES IN THE COUNTRIES OF ZONE IV AND IN EXTENDING THEM TO THE INTERIOR OF THE VARIOUS COUNTRIES.

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## AMRO-3304, LABORATORY SERVICES (ZONE IV) . . . CONTINUED

FUND 1969 1970 1971 1972					FUND 1969 1970 1971 1972					
TOTAL		-	-	1	TOTAL	PR	-	-	-	24,431
P-4 LABORATORY ADVISER .3597	PR	-	-	1	PERSONNEL-POSTS		-	-	-	22,431
					DUTY TRAVEL		-	-	-	2,000

## AMRO-3306, LABORATORY SERVICES (ZONE VI)

THE OBJECTIVE OF THIS PROJECT IS TO PROVIDE TECHNICAL ADVICE TO THE HEALTH LABORATORIES AND TO PROMOTE THEIR EFFICIENCY. AS A LONG-TERM OBJECTIVE, IT IS PLANNED TO ESTABLISH IN EACH COUNTRY A NETWORK OF LABORATORIES WHICH WILL PROVIDE EXTENSIVE SERVICE AT ALL LEVELS IN THE SANITARY ORGANIZATION. THE CENTRAL LABORATORIES WILL BE STRENGTHENED TO SERVE AS REFERENCE CENTERS FOR THE ENTIRE COUNTRY AND CARRY OUT TRAINING OF PERSONNEL AND BASIC APPLIED RESEARCH.

TOTAL					TOTAL					
TOTAL		-	-	1	TOTAL	WR	-	-	13,964	23,694
P-4 LABORATORY ADVISER 4.3528	WR	-	-	1	PERSONNEL-POSTS		-	-	9,964	19,694
					DUTY TRAVEL		-	-	2,000	2,000
					SUPPLIES AND EQUIPMENT		-	-	2,000	2,000

## AMRO-3310, CONFERENCE ON VIRAL AND RICKETTSIAL VACCINES

PROVISION WAS MADE IN 1969 FOR FINAL COSTS OF THE CONFERENCE, WHICH SUMMARIZED PRESENT KNOWLEDGE AND FUTURE NEEDS IN THE FIELD OF VIRAL AND RICKETTSIAL VACCINES.

TOTAL					TOTAL					
TOTAL		-	-	-	TOTAL		27	93,690	-	-
CONSULTANT MONTHS	PG	-	-	-	SUBTOTAL	PG	27	80,000	-	-
					PERSONNEL-CONSULTANTS		27	-	-	-
					SEMINAR COSTS		-	80,000	-	-
					SUBTOTAL	WR	-	13,690	-	-
					SEMINAR COSTS		-	13,690	-	-

## AMRO-3311, TRAINING LABORATORY PERSONNEL

LACK OF ADEQUATELY TRAINED PERSONNEL IS ONE OF THE PRINCIPAL FACTORS INHIBITING LABORATORY SERVICES. FELLOWSHIPS AWARDED BY THE ORGANIZATION HAVE PARTIALLY SOLVED THIS PROBLEM, BUT AS A COMPLEMENTARY ACTIVITY IT IS PROPOSED TO ORGANIZE SHORT INTENSIVE COURSES AT THE LOCAL LEVEL TO DEVELOP COMPETENCY IN SPECIFIC TYPES OF LABORATORY ACTIVITIES (I.E., ENTERIC BACTERIOLOGY, MYCOBACTERIOLOGY, IMMUNOFLUORESCENT TECHNIQUES OF DIAGNOSIS, AND CULTURE) AND IN LABORATORY ADMINISTRATION, IN ORDER TO ACQUAINT LABORATORY WORKERS WITH RECENT DEVELOPMENTS. COURSES ARE GIVEN IN COOPERATION WITH LOCAL UNIVERSITIES AND NATIONAL LABORATORIES.

TOTAL					TOTAL						
TOTAL		-	6	6	7	TOTAL	PR	-	22,800	17,800	19,600
CONSULTANT MONTHS	PR	-	6	6	7	PERSONNEL-CONSULTANTS		-	10,800	10,800	12,600
TOTAL		-	5	-	-	SUPPLIES AND EQUIPMENT		-	5,000	7,000	7,000
FELLOWSHIPS-SHORT TERM	PR	-	5	-	-	FELLOWSHIPS		-	7,000	-	-

## AMRO-3314, TRINIDAD REGIONAL VIRUS LABORATORY

THE TRINIDAD REGIONAL VIRUS LABORATORY IS AN ESSENTIAL PART OF THE NETWORK OF VIRUS DISEASE EPIDEMIC INTELLIGENCE CENTERS IN LATIN AMERICA AND A VITAL LINK IN THE WORLD-WIDE ARBOVIRUS RESEARCH PROGRAM SPONSORED BY THE ROCKEFELLER FOUNDATION. THE RESEARCH UNDERTAKEN BY THE LABORATORY HAS PROVIDED INFORMATION ON A NUMBER OF KNOWN AND NEW ARBOVIRUSES ESSENTIAL TO AN UNDERSTANDING OF THE COMPLEX PICTURE OF ARBOVIRUS ECOLOGY IN THE NEOTROPICS. SOME OF THE KNOWLEDGE ACQUIRED FROM SUCH STUDIES IS IMMEDIATELY USEFUL IN PUBLIC HEALTH PLANNING.

THE TRINIDAD REGIONAL VIRUS LABORATORY HAS ALSO COLLABORATED ACTIVELY WITH VARIOUS WEST INDIAN ISLANDS AND TERRITORIES IN THE ELUCIDATION OF SUSPECT VIRUS DISEASE OUTBREAKS OR CASES.

THE PURPOSE OF THIS PROJECT IS TO ASSIST IN CONTINUING AND FURTHER DEVELOPING THE DIAGNOSTIC AND VIRUS DISEASE SURVEILLANCE ACTIVITY OF THE REGIONAL LABORATORY.

TOTAL					TOTAL					
TOTAL		-	-	-	TOTAL	WR	-	20,000	20,000	20,000
GRANTS		-	-	-	GRANTS		-	20,000	20,000	20,000

AMRO-3315, IMMUNOLOGY RESEARCH AND TRAINING CENTER

THE PURPOSE OF THIS PROJECT IS TO ASSIST IN THE DEVELOPMENT OF IMMUNOLOGY RESEARCH AND TRAINING CENTERS, ONE IN THE BUTANTAN INSTITUTE IN SÃO PAULO, BRAZIL AND ANOTHER, CURRENTLY UNDER DISCUSSION, IN MEXICO CITY.

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
								\$	\$	\$	\$
TOTAL		3	2	2	2	TOTAL		3,962	3,600	11,600	11,600
CONSULTANT MONTHS	PR	3	-	-	-	SUBTOTAL	PR	3,962	-	-	-
CONSULTANT MONTHS	WR	-	2	2	2	PERSONNEL-CONSULTANTS		3,962	-	-	-
TOTAL		-	-	2	2	SUBTOTAL	WR	-	3,600	11,600	11,600
FELLOWSHIPS-ACADEMIC	WR	-	-	2	2	PERSONNEL-CONSULTANTS FELLOWSHIPS		-	3,600	3,600	3,600
								-	-	8,000	8,000

AMRO-3400, HEALTH EDUCATION

HEALTH EDUCATION IS NOW RECOGNIZED NOT ONLY AS A MEANS OF INFORMING THE PUBLIC ON HEALTH MATTERS BUT AS AN EFFECTIVE TOOL FOR SECURING THE UNDERSTANDING, ACCEPTANCE, AND ACTIVE PARTICIPATION OF THE COMMUNITY IN HEALTH PROGRAMS.

THE PURPOSE OF THIS PROJECT IS TO COOPERATE WITH GOVERNMENTS IN DEVELOPING HEALTH EDUCATION SERVICES AND IN TRAINING PERSONNEL.

		2	4	6	6	TOTAL	PR	1,673	7,200	10,800	10,800
TOTAL											
CONSULTANT MONTHS	PR	2	4	6	6	PERSONNEL-CONSULTANTS		1,673	7,200	10,800	10,800

AMRO-3401, HEALTH EDUCATION (CARIBBEAN)

THE ISLANDS OF THE EASTERN CARIBBEAN ARE NOW IMPLEMENTING THE INTEGRATED HEALTH PROGRAMS WITH EMPHASIS ON MATERNAL AND CHILD HEALTH, NUTRITION, ENVIRONMENTAL SANITATION, AND THE TRAINING OF STAFF. THE SUPPORT OF HEALTH EDUCATION ACTIVITIES FOR THESE PROGRAMS IS FUNDAMENTAL.

THE OBJECTIVE OF THIS PROJECT IS THE DEVELOPMENT OF A LONG-RANGE PLAN FOR THE REINFORCEMENT AND EXTENSION OF COMMUNITY HEALTH EDUCATION SERVICES BY IMPROVING AND EXPANDING THE PREPARATION OF THE NECESSARY NUMBER OF SPECIALISTS AND THE HEALTH EDUCATION TRAINING OF HEALTH WORKERS, AS WELL AS THE INTRODUCTION OF TEACHING OF HEALTH EDUCATION IN THE CURRICULA OF THE PERSONNEL IN RELATED FIELDS SUCH AS TEACHERS, AGRICULTURAL EXTENSION AGENTS, AND COMMUNITY DEVELOPMENT SPECIALISTS.

		1	1	1	1	TOTAL	WT	23,920	27,500	26,000	26,000
TOTAL											
P-4 HEALTH EDUCATOR	WT	1	1	1	1	PERSONNEL-POSTS		20,320	22,500	22,500	22,500
4.0918						DUTY TRAVEL		3,496	3,000	3,000	3,000
						SUPPLIES AND EQUIPMENT		104	2,000	500	500

AMRO-3407, REGIONAL CENTER FOR FUNCTIONAL LITERACY IN RURAL AREAS OF LATIN AMERICA

THE REGIONAL TRAINING CENTER IN MICHOCAN, MEXICO, IS OPERATED JOINTLY BY VARIOUS SPECIALIZED AGENCIES OF THE UNITED NATIONS, UNDER THE GENERAL LEADERSHIP OF UNESCO. THE INCREASING IMPORTANCE OF COMMUNITY DEVELOPMENT IN THIS REGION, AS A PART OF THE DRIVE TOWARD SOCIAL AND ECONOMIC IMPROVEMENT, AND THE VITAL CONTRIBUTION WHICH HEALTH SERVICES CAN MAKE TO COMMUNITY DEVELOPMENT, FORM THE BASIS FOR PARTICIPATION BY THE ORGANIZATION IN THIS CENTER. A MEDICAL OFFICER IS ASSIGNED AS A CONSULTANT WITH MAJOR RESPONSIBILITIES IN HEALTH TRAINING OF STUDENTS IN COMMUNITY DEVELOPMENT.

		1	1	1	1	TOTAL	WR	26,986	24,616	26,684	26,123
TOTAL											
P-4 MEDICAL OFFICER	WR	1	1	1	1	PERSONNEL-POSTS		24,898	23,016	25,084	24,523
4.0825						DUTY TRAVEL		1,850	1,500	1,500	1,500
						SUPPLIES AND EQUIPMENT		238	100	100	100

AMRO-3408, CONFERENCE ON POSTGRADUATE TRAINING IN HEALTH EDUCATION

THE OBJECTIVE OF THIS REGIONAL CONFERENCE, ORGANIZED BY PAHO/WHO WITH THE COLLABORATION OF THE GOVERNMENT OF ARGENTINA, WAS TO EXCHANGE INFORMATION ON THE NEEDS, GOALS, SCOPE, METHODOLOGY, AND DEVELOPMENTS TO DATE WITH REGARD TO POSTGRADUATE PREPARATION IN HEALTH EDUCATION AND THE RELATED SOCIAL SCIENCES FOR VARIOUS CATEGORIES OF STUDENTS IN SCHOOLS OF PUBLIC HEALTH IN THE AMERICAS. PARTICIPANTS WERE LEADING REPRESENTATIVES OF FACULTIES OF SCHOOLS OF PROFESSIONAL TRAINING IN SCHOOLS OF PUBLIC HEALTH AND EQUIVALENT INSTITUTIONS, AS WELL AS THE PROFESSIONAL PERSONNEL SERVING WITH NATIONAL MINISTRIES OF HEALTH OF MEMBER STATES WHO ARE TECHNICALLY CONCERNED WITH THE HEALTH EDUCATION ASPECTS OF TRAINING PROGRAMS FOR VARIOUS CATEGORIES OF HEALTH WORKERS, INCLUDING THOSE SPECIALIZING IN HEALTH EDUCATION AND RELATED DISCIPLINES.

CONTINUED



## AMRO-3408, CONFERENCE ON POSTGRADUATE TRAINING IN HEALTH EDUCATION . . . CONTINUED

FUND 1969 1970 1971 1972					FUND 1969 1970 1971 1972					
TOTAL		5	-	-	TOTAL		36,707	-	-	-
CONSULTANT MONTHS	WR	5	-	-	SUBTOTAL	PG	14,285	-	-	-
TOTAL		36	-	-	SEMINAR COSTS		3,934	-	-	-
PARTICIPANTS	PG	23	-	-	PARTICIPANTS		10,351	-	-	-
PARTICIPANTS	WR	13	-	-	SUBTOTAL	WR	22,422	-	-	-
					PERSONNEL-CONSULTANTS		5,552	-	-	-
					SEMINAR COSTS		10,179	-	-	-
					PARTICIPANTS		6,691	-	-	-

## AMRO-3409, STUDY GROUP ON HEALTH EDUCATION AND PLANNING

A STUDY GROUP MET IN 1969 TO ANALYZE THE ACHIEVEMENTS AND PROBLEMS FOUND IN HEALTH EDUCATION PRACTICE IN LATIN AMERICA AND FORMULATED RECOMMENDATIONS DESIGNED TO IMPROVE THE EFFECTIVENESS AND TO EXTEND THE PRESENT COVERAGE OF NATIONAL HEALTH EDUCATION SERVICES, AS WELL AS TO IMPLEMENT A POLICY OF INCORPORATING THE SOCIAL AND EDUCATIONAL COMPONENTS INTO THE HEALTH PLANNING PROCESS. PARTICIPANTS WERE THE KEY PEOPLE WORKING IN HEALTH ADMINISTRATION, PLANNING, EDUCATION, AND BEHAVIORAL SCIENCES AS APPLIED IN HEALTH PRACTICE IN LATIN AMERICA.

FUND 1969 1970 1971 1972					FUND 1969 1970 1971 1972					
TOTAL		1	-	-	TOTAL	PR	19,062	-	-	-
CONSULTANT MONTHS	PR	1	-	-	PERSONNEL-CONSULTANTS		2,586	-	-	-
TOTAL		38	-	-	COURSE COSTS		1,900	-	-	-
PARTICIPANTS	PR	38	-	-	PARTICIPANTS		14,576	-	-	-

## AMRO-3410, TRAINING OF TEACHERS IN HEALTH EDUCATION

THE PURPOSE OF THIS PROJECT IS TO INITIATE A PROGRAM IN THE TRAINING OF SCHOOL TEACHERS IN HEALTH SUBJECTS IN PRIMARY AND SECONDARY SCHOOLS THROUGH A SURVEY OF NORMAL SCHOOLS TO DETERMINE THE PRESENT SITUATION REGARDING TEACHING OF HEALTH WITHIN THE EDUCATIONAL SYSTEM OF THE COUNTRIES OF LATIN AMERICA. AS A SECOND STEP, THE PROJECT WOULD COLLABORATE WITH THE GOVERNMENTS IN THE ORGANIZATION OF COURSES ON TEACHING OF HEALTH FOR PROFESSORS WHO DEAL WITH THE SUBJECT OF HEALTH IN THE NORMAL SCHOOLS OF LATIN AMERICA.

FUND 1969 1970 1971 1972					FUND 1969 1970 1971 1972					
TOTAL		-	4	6	TOTAL	PR	-	15,200	10,800	10,800
CONSULTANT MONTHS	PR	-	4	6	PERSONNEL-CONSULTANTS		-	7,200	10,800	10,800
TOTAL		-	-	-	PARTICIPANTS		-	8,000	-	-
PARTICIPANTS	PR	-	-	-						

## AMRO-3500, HEALTH STATISTICS

THE REGIONAL ADVISORY COMMITTEE ON HEALTH STATISTICS HAS MET AT TWO-YEAR INTERVALS SINCE 1960. AT THE MEETINGS, RECOMMENDATIONS HAVE BEEN FORMULATED ON THE OVERALL PROGRAM IN HEALTH STATISTICS OF THE ORGANIZATION. ONE OR TWO SELECTED TOPICS RECEIVE SPECIAL ATTENTION AT EACH MEETING.

AT THE FIFTH MEETING OF THE ADVISORY COMMITTEE IN NOVEMBER OF 1968, MULTINATIONAL CENTERS IN MEDICAL STATISTICS WAS THE SPECIAL TOPIC FOR DISCUSSION. ALSO INCLUDED ON THE AGENDA WERE THE REGIONAL ACTIVITIES FOR THE 1975 REVISION OF THE INTERNATIONAL CLASSIFICATION OF DISEASES, DEVELOPMENT OF COMPUTER PROGRAMS IN HEALTH AND MEDICAL FIELDS IN THE REGION, AND A REPORT ON THE RESEARCH PROGRAM.

THE SIXTH MEETING IS SCHEDULED FOR 1971.

FUND 1969 1970 1971 1972					FUND 1969 1970 1971 1972					
TOTAL		-	-	1	TOTAL	PR	390	-	9,735	8,528
G-4 SECRETARY 3486	PR	-	-	1	PERSONNEL-POSTS		-	-	-	4,928
TOTAL		-	-	2	PERSONNEL-CONSULTANTS		-	-	3,600	3,600
CONSULTANT MONTHS	PR	-	-	2	TECHNICAL ADVISORY COMM.		-	-	6,135	-
					SUPPLIES AND EQUIPMENT		390	-	-	-

AMRO-3501, HEALTH STATISTICS (ZONE I)

THE PURPOSE OF THIS PROJECT IS TO COOPERATE WITH THE COUNTRIES AND TERRITORIES OF ZONE I IN THE DEVELOPMENT OF HEALTH STATISTICS SERVICES, INCLUDING IMPROVEMENT OF VITAL AND HEALTH STATISTICS SYSTEMS, ORGANIZATION OF SEMINARS, TEACHING OF MEDICAL STATISTICS, TRAINING OF STATISTICAL AUXILIARIES, SETTING UP OF MEDICAL RECORDS AND HOSPITAL STATISTICS UNITS WITHIN THE HOSPITALS, ORGANIZATION OF NATIONAL COMMITTEES ON VITAL HEALTH STATISTICS, AND PROVISION OF ADVISORY SERVICES IN MEDICAL AND OPERATIONAL HEALTH RESEARCH PROGRAMS, COMPUTER SCIENCE, AND MEDICAL RECORDS PROGRAMS.

EMPHASIS WILL BE PLACED ON STRENGTHENING THE HEALTH STATISTICS SERVICES IN COORDINATION WITH THE NATIONAL HEALTH PLANS WHEN THESE ARE BEING PREPARED OR IMPLEMENTED.

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
						TOTAL		\$	\$	\$	\$
TOTAL		2	2	2	2	TOTAL	PR	22,386	34,238	42,127	44,487
P-4 STATISTICIAN .0841	PR	1	1	1	1	PERSONNEL-POSTS		11,170	31,238	37,127	39,487
P-3 MEDICAL RECORDS LIBRARIAN .3378	PR	1	1	1	1	PERSONNEL-CONSULTANTS		7,941	-	-	-
						DUTY TRAVEL		3,275	3,000	5,000	5,000
TOTAL		5	-	-	-						
CONSULTANT MONTHS	PR	5	-	-	-						

AMRO-3502, HEALTH STATISTICS (ZONE II)

THE PURPOSE OF THIS PROJECT IS TO COOPERATE WITH THE COUNTRIES OF THE ZONE IN IMPROVING VITAL AND HEALTH STATISTICS AND THE USE OF STATISTICAL DATA IN PROGRAM PLANNING, IN ORGANIZING SEMINARS AND COURSES IN STATISTICS, IN THE SELECTION AND FOLLOW-UP OF FELLOWSHIP HOLDERS, AND IN DEALING WITH STATISTICAL MATTERS CONNECTED WITH PROJECTS.

NATIONAL SURVEYS OF HEALTH RESOURCES HAVE BEEN CARRIED OUT OR ARE BEING PLANNED IN THREE OF THE FOUR COUNTRIES OF THE ZONE. COMMITTEES OR WORKING GROUPS FOR STATISTICAL COORDINATION HAVE BEEN ORGANIZED TO IMPROVE UTILIZATION OF RESOURCES AND UNIFORMITY IN COLLECTION AND ANALYSIS OF STATISTICAL DATA ON HEALTH. SYSTEMS FOR RECORDING AND STATISTICAL TABULATION OF ACTIVITIES OF HEALTH CENTERS HAVE BEEN DEVELOPED IN AREAS OF MEXICO AND HAITI, AND HOSPITAL RECORDS DEPARTMENTS HAVE BEEN ORGANIZED IN CUBA, DOMINICAN REPUBLIC, HAITI, AND MEXICO.

COURSES FOR AUXILIARIES HAVE BEEN GIVEN OR ARE BEING PLANNED IN ALL FOUR COUNTRIES OF THE ZONE.

		2	2	2	2	TOTAL	WR	30,086	31,625	32,876	34,373
TOTAL						TOTAL					
P-4 STATISTICIAN 4.0839	WR	1	1	1	1	PERSONNEL-POSTS		27,126	29,025	29,776	31,273
G-5 SECRETARY 4.3161	WR	1	1	1	1	DUTY TRAVEL		2,960	2,500	3,000	3,000
						SUPPLIES AND EQUIPMENT		-	100	100	100

AMRO-3503, HEALTH STATISTICS (ZONE III)

THE PURPOSE OF THIS PROJECT IS TO COOPERATE WITH THE COUNTRIES OF THE ZONE 1) IN IMPROVING VITAL AND HEALTH STATISTICS AND IN USING STATISTICAL DATA IN PROGRAM PLANNING; 2) IN ORGANIZING SEMINARS; 3) IN ORGANIZING COURSES IN STATISTICS AND IN THE SELECTION AND FOLLOW-UP OF FELLOWSHIP STUDENTS; AND 4) IN IMPROVING THE STATISTICAL ASPECTS OF THE PROJECTS.

THE CENTRAL AMERICAN COMMISSION FOR HEALTH STATISTICS, ORGANIZED IN 1968, MET FOR THE SECOND TIME IN 1969. AT THESE TWO MEETINGS PRACTICAL RECOMMENDATIONS WERE MADE FOR IMPROVEMENT OF CIVIL REGISTRATION, VITAL STATISTICS, COMMUNICABLE DISEASE STATISTICS, HOSPITAL STATISTICS, AND STATISTICS OF NUTRITION AND ENVIRONMENTAL SANITATION PROGRAMS.

EFFORTS WILL CONTINUE TO ENCOURAGE THE ESTABLISHMENT OF REGISTRATION AREAS AND THE LEGISLATION OF MEDICAL CERTIFICATION OF CAUSES OF DEATH IN ORDER TO IMPROVE VITAL AND HEALTH STATISTICS OF THE COUNTRIES CONCERNED. TRAINING OF AUXILIARIES FOR STATISTICAL SERVICES OF HOSPITALS AND HEALTH CENTERS WILL BE EMPHASIZED.

		1	2	2	2	TOTAL		28,475	32,974	31,882	33,151
TOTAL						TOTAL					
P-4 STATISTICIAN 4.0810	WR	1	1	1	1	SUBTOTAL	PR	1,555	3,994	4,335	4,693
G-5 SECRETARY .1047	PR	-	1	1	1						
TOTAL		15	-	-	-	PERSONNEL-POSTS PARTICIPANTS		-	3,994	4,335	4,693
								1,555	-	-	-
PARTICIPANTS	PR	15	-	-	-	SUBTOTAL	WR	26,920	28,980	27,547	28,458
						PERSONNEL-POSTS		20,957	23,180	21,747	22,658
						DUTY TRAVEL		5,815	5,800	5,800	5,800
						SUPPLIES AND EQUIPMENT		148	-	-	-

AMRO-3504, HEALTH STATISTICS (ZONE IV)

THE PURPOSE OF THIS CONTINUING PROJECT IS TO COOPERATE WITH THE COUNTRIES OF THE ZONE IN IMPROVING VITAL AND HEALTH STATISTICS AND IN DEVELOPING TRAINING COURSES. IN ADDITION, CONSULTANT SERVICES ARE PROVIDED ON SELECTED RESEARCH PROGRAMS.

A PROBLEM COMMON TO ALL COUNTRIES IN THE ZONE IS DEFICIENT REPORTING OF NOTIFIABLE DISEASES. A MARKED NEED EXISTS FOR MORE COMPLETE NOTIFICATION, ESPECIALLY BY HOSPITALS, CLINICS, AND PHYSICIANS. ANOTHER GENERAL PROBLEM IS THE INCOMPLETENESS OF DEATH AND BIRTH STATISTICS, DUE PRIMARILY TO UNDERREGISTRATION BUT ALSO TO DEFICIENT TRANSMISSION OF DATA. FACTORS UNDERLYING BOTH OF THESE PROBLEMS ARE LACK OF TRAINED STAFF, ESPECIALLY AT THE LOCAL LEVEL, AND INSUFFICIENT COORDINATION BETWEEN DIFFERENT AGENCIES INVOLVED IN DATA COLLECTION. ALTHOUGH PROGRESS HAS BEEN MADE IN THE DEVELOPMENT OF NATIONAL SYSTEMS OF COLLECTION OF HOSPITAL DATA, IMPROVEMENT OF HOSPITAL DATA AT ITS SOURCE AND TRAINING OF STAFF IN THE FIELD OF MEDICAL RECORDS ARE ESSENTIAL.

THE EMPHASIS IN THE PROJECT IS ON REVISION OF SYSTEMS FOR NOTIFIABLE DISEASE REPORTING; DEVELOPMENT OF DATA COLLECTION AND UTILIZATION, ESPECIALLY IN AREAS WITH HEALTH PLANNING; PREPARATION OF TRAINING PROGRAMS FOR AUXILIARY PERSONNEL AND CIVIL REGISTRARS; PROMOTION OF NATIONAL COORDINATING COMMITTEES; AND COLLABORATION WITH UNITED NATIONS ADVISORS IN CIVIL REGISTRATION.

FUND 1969 1970 1971 1972					FUND 1969 1970 1971 1972					
-----					-----					
					WR					
					\$					
TOTAL		1	1	1	1	TOTAL	14,288	19,939	22,616	20,331
P-4 STATISTICIAN .40838	WR	1	1	1	1	PERSONNEL-POSTS DUTY TRAVEL	12,200 2,088	17,939 2,000	20,616 2,000	18,331 2,000

AMRO-3506, HEALTH STATISTICS (ZONE VI)

IN RECENT YEARS, HEALTH STATISTICS IN THE COUNTRIES OF THE ZONE HAVE BEEN IMPROVED IN QUALITY AND IN SCOPE. THE PURPOSE OF THIS PROJECT IS TO ASSIST IN CONSOLIDATING AND IMPROVING THEIR VITAL AND HEALTH STATISTICS SYSTEMS AND IN INTRODUCING NEW ONES, IN ORDER TO FURTHER IMPROVE THE COLLECTION AND USE OF STATISTICAL DATA FOR HEALTH PLANNING. THE GOVERNMENTS ARE SUPPORTING IMPROVEMENTS OF THE STATISTICAL SYSTEMS. THE PROGRAM OF TRAINING OF STATISTICAL PERSONNEL AT THE INTERMEDIATE LEVEL IN THE SCHOOLS OF PUBLIC HEALTH ARE BEING INTENSIFIED (300 TRAINED IN THE LAST FIVE YEARS), AS WELL AS THE PROGRAM FOR TRAINING OF AUXILIARY PERSONNEL (2,000 TRAINED IN THE LAST FIVE YEARS). PERSONNEL ARE BEING PREPARED AT THE PROFESSIONAL LEVELS BY THE INTRODUCTION OF TEACHING OF MEDICAL STATISTICS IN MEDICAL SCHOOLS AND IN POSTGRADUATE EDUCATION.

SPECIAL ATTENTION IS GIVEN TO THE ORGANIZATION OF COURSES IN STATISTICS AND THE COLLABORATION WITH EDUCATIONAL INSTITUTIONS IN THIS FIELD, IN THE SCHOOLS OF PUBLIC HEALTH, IN THE MEDICAL SCHOOLS, AND IN NATIONAL HEALTH ORGANIZATIONS. THE USE OF STATISTICS IN MEDICAL AND EPIDEMIOLOGICAL RESEARCH IS PROMOTED THROUGH CONSULTATION ON STUDIES AND INTERNATIONAL COURSES ON METHODOLOGY FOR SCIENTIFIC PERSONNEL OF HEALTH SERVICES AND SCHOOLS OF MEDICINE.

TOTAL					TOTAL					
-----					-----					
					PR					
					\$					
TOTAL		2	2	2	2	TOTAL	27,718	25,811	27,018	28,241
P-4 STATISTICIAN .0842	PR	1	1	1	1	PERSONNEL-POSTS DUTY TRAVEL	25,543 1,980	23,711 2,000	24,918 2,000	26,141 2,000
G-4 SECRETARY .3052	PR	1	1	1	1	SUPPLIES AND EQUIPMENT	195	100	100	100

AMRO-3513, INTER-AMERICAN INVESTIGATION OF MORTALITY IN CHILDHOOD

THE OVERALL AIM OF THIS PROJECT IS TO CARRY OUT IN SELECTED URBAN AND RURAL AREAS OF LATIN AMERICA AND OF THE UNITED STATES OF AMERICA AN INTER-AMERICAN INVESTIGATION OF MORTALITY IN CHILDHOOD TO DEVELOP ACCURATE AND COMPARABLE DEATH RATES IN INFANCY AND EARLY CHILDHOOD, WITH CONSIDERATION OF THE NUTRITIONAL, SOCIOLOGICAL, AND ENVIRONMENTAL FACTORS RESPONSIBLE FOR EXCESSIVE MORTALITY.

INFORMATION IS BEING COLLECTED FROM MOTHERS AND FROM PHYSICIANS, HOSPITALS, HEALTH CENTERS, AND AUTOPSY RECORDS. DATA ON SOCIAL, ENVIRONMENTAL, AND NUTRITIONAL FACTORS AND ON UTILIZATION OF HEALTH SERVICES ARE COLLECTED FROM THE FAMILIES IN WHICH THE DEATHS OCCURRED. STANDARD PROCEDURES HAVE BEEN ESTABLISHED, AND DATA ARE CURRENTLY EVALUATED. DATA COLLECTION WILL COVER A TWO-YEAR PERIOD WHICH BEGAN IN MID-1968. THIRTEEN AREAS IN LATIN AMERICA AND ONE IN THE UNITED STATES OF AMERICA ARE INCLUDED IN THE STUDY. APPROXIMATELY 35,000 DEATHS WILL BE STUDIED OVER A TWO-YEAR PERIOD. IN EACH STUDY AREA, A PROBABILITY SAMPLE OF HOUSEHOLDS IS BEING SELECTED IN WHICH COMPARABLE NUTRITIONAL, SOCIOECONOMIC, AND ENVIRONMENTAL DATA WILL BE COLLECTED FOR THE HOUSEHOLDS AND FOR LIVING CHILDREN UNDER FIVE YEARS OF AGE.

THE PROJECT IS SUPPORTED BY THE AGENCY FOR INTERNATIONAL DEVELOPMENT.

TOTAL					TOTAL					
-----					-----					
					PG					
					\$					
TOTAL		5	6	6	6	TOTAL	350,000	282,267	116,243	29,935
P-4 MEDICAL OFFICER .3222	PG	1	1	1	1	PERSONNEL-POSTS	56,160	65,000	67,000	29,935
P-4 STATISTICIAN .3266	PG	1	1	1	1	PERSONNEL-CONSULTANTS DUTY TRAVEL	4,376 7,477	5,400 6,963	5,400 3,000	-
P-1 STATISTICIAN .3267	PG	1	1	1	1	CONTRACTUAL SERVICES	619	-	-	-
G-6 CLERK .3268	PG	1	1	1	1	SUPPLIES AND EQUIPMENT	812	1,000	1,000	-
G-4 CLERK .3269 .3534	PG	1	2	2	2	LOCAL COSTS	280,556	203,904	39,843	-
TOTAL		6	3	3	-					
CONSULTANT MONTHS	PG	6	3	3	-					

AMRO-3514, STUDY ON MULTIPLE CAUSES OF DEATH

THE PURPOSE OF THIS STUDY IS TWO-FOLD. FIRST, THE STUDY WILL EVALUATE THE COMPLETENESS AND ACCURACY OF REPORTING OF CAUSES OF DEATH ON DEATH CERTIFICATES BY COMPARING SUCH CAUSES WITH THOSE REPORTED ON CLINICAL RECORDS AND THE AUTOPSY REPORT. THE SECOND PURPOSE WOULD BE TO EXAMINE THE DATA FOR THE FREQUENCY OF COMBINATIONS OF CAUSES IN RELATION TO AGE, SEX, AND CITY. RECORDS TO BE STUDIED WILL BE A SAMPLE OF THOSE ASSEMBLED IN THE INTER-AMERICAN INVESTIGATION OF MORTALITY. THIS STUDY IS SUPPORTED BY THE U. S. PUBLIC HEALTH SERVICE, NATIONAL CENTER FOR HEALTH STATISTICS.

FUND	1969	1970	1971	1972	FUND	1969	1970	1971	1972
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
	\$	\$	\$	\$		\$	\$	\$	\$
TOTAL	PG	2,614	-	-					
TEMPORARY PERSONNEL		2,614	-	-					

AMRO-3515, CENTER FOR TRAINING IN USE OF COMPUTERS IN HEALTH STATISTICS

THE REGIONAL ADVISORY COMMITTEE ON HEALTH STATISTICS RECOMMENDED THAT THE PAN AMERICAN HEALTH ORGANIZATION ESTABLISH THE BASIC PREREQUISITES FOR INSTALLATION OF COMPUTERS IN THE HEALTH FIELD INCLUDING 1) A FEASIBILITY STUDY WITH IDENTIFICATION OF INITIAL APPLICATIONS ENCOMPASSING DATA REQUIRED AND COSTS; 2) FORMULATING A FIVE-YEAR PLAN FOR COMPUTER DEVELOPMENT IN THE REGION, IN THE HEALTH FIELD; 3) PROMOTING OF TRAINING OF EXECUTIVE AND MANAGERIAL PERSONNEL AND OF STATISTICIANS AT THE PROFESSIONAL LEVEL, AS WELL AS OTHER TRAINING, BOTH THEORETICAL AND PRACTICAL; AND 4) EXPANSION OF ADVISORY SERVICES TO NATIONAL HEALTH SERVICES AND OTHER HEALTH INSTITUTIONS WITH THE GOAL OF DEVELOPING EFFICIENT SYSTEMS AND ENSURING MAXIMUM UTILIZATION OF DATA PROCESSING EQUIPMENT.

TOTAL		-	-	2	2	TOTAL	PR	-	-	3,600	3,600
-----		-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CONSULTANT MONTHS	PR	-	-	2	2	PERSONNEL-CONSULTANTS		-	-	3,600	3,600

AMRO-3516, REGIONAL SEMINAR ON DATA PROCESSING

THE PURPOSE OF THIS PROJECT IS TO PROVIDE A SEMINAR ON DATA PROCESSING AS RECOMMENDED BY THE PAHO REGIONAL ADVISORY COMMITTEE ON HEALTH STATISTICS IN ORDER TO PROVIDE FOR EARLY COORDINATION OF NATIONAL EFFORTS IN THIS FIELD TO PREVENT DUPLICATION OF EFFORTS.

TOTAL		-	15	-	-	TOTAL	WR	-	13,750	-	-
-----		-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
PARTICIPANTS	WR	-	15	-	-	SEMINAR COSTS		-	1,000	-	-
						PARTICIPANTS		-	12,750	-	-

AMRO-3600, ADMINISTRATIVE METHODS AND PRACTICES IN PUBLIC HEALTH

FROM STUDIES OF THE ADMINISTRATIVE METHODS AND PRACTICES OF THE NATIONAL MINISTRIES OF HEALTH AND FROM CONCLUSIONS REACHED AT SEMINARS, IT HAS BEEN APPARENT THAT A CADRE OF PERSONS TRAINED IN PUBLIC ADMINISTRATION IS ESSENTIAL FOR THE MOST EFFECTIVE OPERATION OF THESE ESTABLISHMENTS AND FOR THE USE OF RESOURCES MADE AVAILABLE TO THEM. ADVISORY SERVICES IN GENERAL PUBLIC ADMINISTRATION ARE THE RESPONSIBILITY OF OTHER INTERNATIONAL AGENCIES. THEREFORE, PAHO LIMITS ITS ASSISTANCE TO THE IMPROVEMENT OF ADMINISTRATIVE METHODS AND PRACTICES IN HEALTH ESTABLISHMENTS WITHIN THE EXISTING LEGAL FRAMEWORK AND CUSTOMARY PUBLIC PRACTICES OF EACH COUNTRY.

DELINEATION OF BROAD ADMINISTRATIVE POLICIES IS NEEDED IN SOME COUNTRIES, AND IN OTHERS THE NEED EXISTS FOR THE ESTABLISHMENT OF ADEQUATE PROCESSES IN THE MOST ROUTINE OPERATIONS. IN COMPLIANCE WITH RESOLUTION XXV OF THE X MEETING OF THE DIRECTING COUNCIL, THE ORGANIZATION HAS ASSISTED THE GOVERNMENTS IN ALL AREAS OF ADMINISTRATION. THIS ASSISTANCE HAS ALSO BEEN PROVIDED TO SPECIFIC LARGE-SCALE PROGRAMS, NOTABLY IN THE FIELDS OF MALARIA ERADICATION, WATER SUPPLY, MEDICAL EDUCATION, AND MEDICAL CARE. THE ACTIVITIES INCLUDE ADVISORY SERVICES, SEMINARS, COURSES, AND FELLOWSHIPS.

TOTAL		2	2	2	3	TOTAL	PR	46,797	45,070	46,090	64,965
-----		-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
P-5 ADMIN. METHODS OFFICER -2178	PR	1	1	1	1	PERSONNEL-POSTS		6,010	22,900	26,390	36,465
G-4 SECRETARY .2179 .3463	PR	1	1	1	2	PERSONNEL-CONSULTANTS		8,211	7,200	7,200	7,200
						DUTY TRAVEL		1,623	2,000	2,000	2,000
						SEMINAR COSTS		1,845	2,970	3,000	3,000
						GRANTS		10,000	10,000	7,500	7,500
						PARTICIPANTS		19,108	-	-	8,800
TOTAL		5	4	4	4						
CONSULTANT MONTHS	PR	5	4	4	4						
TOTAL		37	-	-	15						
PARTICIPANTS	PR	37	-	-	15						

AMRO-3601, ADMINISTRATIVE METHODS AND PRACTICES IN PUBLIC HEALTH (ZONE I)

THE OBJECTIVES OF THE PROJECT ARE THE IMPROVEMENT OF THE STRUCTURAL ORGANIZATION OF THE HEALTH SERVICES TO FACILITATE THE DEVELOPMENT OF PLANNING AS A PROCESS AND AS A MANAGEMENT TOOL, REORGANIZATION OF ADMINISTRATIVE SERVICES, AND MODERNIZATION OF SYSTEMS AND PROCEDURES TO PROVIDE APPROPRIATE SUPPORT TO PROGRAM IMPLEMENTATION.

PROMOTIONAL ACTIVITIES IN THE BROAD FIELD OF ORGANIZATION AND ADMINISTRATION OF HEALTH SERVICES WILL CONTINUE THROUGH BIENNIAL SEMINARS FOR SENIOR GOVERNMENT OFFICIALS. TRAINING PROGRAMS WILL CONTINUE, WITH THE ORGANIZATION OF COURSES FOR INTERMEDIATE ADMINISTRATIVE PERSONNEL AND SHORT COURSES ON PLANNING AND MANAGEMENT OF HEALTH SERVICES FOR SENIOR TECHNICAL AND ADMINISTRATIVE PERSONNEL.

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## AMRO-3607, MANAGEMENT OF HEALTH SERVICES . . . CONTINUED

FUND 1969 1970 1971 1972				FUND 1969 1970 1971 1972							
				WT							
				PERSONNEL-POSTS DUTY TRAVEL FELLOWSHIPS							
				WT							
TOTAL		-	-	4	4	TOTAL		-	-	149,800	149,800
P-4 ADMINISTRATIVE CONSULTANT	WT	-	-	4	4	PERSONNEL-POSTS		-	-	94,800	94,800
4.3618 4.3619 4.3620 4.3621						DUTY TRAVEL		-	-	6,000	6,000
TOTAL		-	-	25	25	FELLOWSHIPS		-	-	49,000	49,000
FELLOWSHIPS-SHORT TERM	WT	-	-	25	25						

## AMRO-3700, HEALTH PLANNING

AT PRESENT, SEVEN COUNTRIES OF THE AMERICAS ARE IN THE PROCESS OF CARRYING OUT NATIONAL HEALTH PLANS; THIRTEEN ARE IN THE PROCESS OF FORMULATING PLANS; AND THREE HAVE REQUESTED ASSISTANCE FROM THE ORGANIZATION TO BEGIN DEVELOPING A PLAN IN 1970.

THE PURPOSE OF THIS PROJECT IS TO PROVIDE ADVISORY SERVICES IN THE METHODOLOGY OF HEALTH PLANNING AND IN THE EVALUATION OF RESULTS AS THE PLANS ARE IMPLEMENTED; TO STRENGTHEN THE COOPERATION WITH OTHER INTERNATIONAL ORGANIZATIONS THAT PROMOTE ECONOMIC AND SOCIAL DEVELOPMENT IN THE REGION, PARTICULARLY UNICEF; AND TO TRAIN PLANNERS.

TOTAL				TOTAL							
				PR							
				WR							
TOTAL		3	3	3	4	TOTAL		58,255	116,516	108,447	113,182
P-5 LIAISON OFFICER	WR	1	1	1	1	SUBTOTAL		27,450	58,974	63,295	64,617
4.2174						PERSONNEL-POSTS		12,557	32,974	34,295	35,617
P-5 MEDICAL OFFICER	PR	1	1	1	1	PERSONNEL-CONSULTANTS		11,614	-	-	-
.2001						DUTY TRAVEL		3,279	2,000	2,000	2,000
G-6 SECRETARY	PR	1	1	1	1	FELLOWSHIPS		-	21,000	21,000	21,000
.3064						COMMON SERVICES		-	3,000	6,000	6,000
G-4 SECRETARY	WR	-	-	-	1	SUBTOTAL		30,805	57,542	45,152	48,565
4.3485						PERSONNEL-POSTS		24,114	24,542	24,552	27,965
TOTAL		7	8	8	8	PERSONNEL-CONSULTANTS		-	14,400	14,400	14,400
CONSULTANT MONTHS	PR	7	-	-	-	DUTY TRAVEL		763	1,800	2,000	2,000
CONSULTANT MONTHS	WR	-	8	8	8	FELLOWSHIPS		-	16,800	4,200	4,200
TOTAL		-	27	18	18	COMMON SERVICES		5,928	-	-	-
FELLOWSHIPS-SHORT TERM	PR	-	15	15	15						
FELLOWSHIPS-SHORT TERM	WR	-	12	3	3						

## AMRO-3701, HEALTH PLANNING AND ORGANIZATION (ZONE I)

THE COUNTRIES AND TERRITORIES OF THE CARIBBEAN HAVE GRADUALLY ACHIEVED, DURING THE PAST 15 YEARS, VARIOUS DEGREES OF SELF-GOVERNMENT. MOST OF THE GOVERNMENTS HAVE EMBARKED UPON FAR-REACHING PLANS FOR ECONOMIC DEVELOPMENT, WITH HEAVY INVESTMENTS OF PUBLIC FUNDS DIRECTED TOWARD INCREASES IN NATIONAL RESOURCES AND INDUSTRIAL PRODUCTION. INTIMATELY CONNECTED WITH THIS ATMOSPHERE OF POLITICAL MATURITY AND ECONOMIC GROWTH IS THE INCREASING PUBLIC DEMAND FOR MORE AND BETTER HEALTH SERVICES. THE GOVERNMENTS, HOWEVER, FACE CRITICAL HUMAN AND MATERIAL LIMITATIONS TO MEET THESE REQUIREMENTS AND MUST SEARCH FOR MEANS TO OBTAIN BETTER UTILIZATION OF AVAILABLE RESOURCES. IN THE HEALTH SECTOR, WHERE THE MAJOR AND OFTEN THE ONLY PROVIDER IS THE GOVERNMENT, THERE IS AN IMMEDIATE NEED TO RATIONALIZE THE TYPE AND QUALITY OF SERVICES BEING RENDERED THROUGH A DYNAMIC PROCESS OF PLANNING.

THIS PROJECT HAS BEEN ORGANIZED AND DEVELOPED AS A MEANS OF ASSISTANCE TO THE GOVERNMENTS IN THE IMPROVEMENT OF THEIR HEALTH SERVICES. SPECIFICALLY, IT IS INTENDED TO PROMOTE THE ESTABLISHMENT OF SYSTEMATIC PLANNING OF THE HEALTH SECTORS; TO ASSIST IN THE PREPARATION OF IMPLEMENTATION OF LONG-RANGE NATIONAL HEALTH PLANS; TO PROVIDE ADVISORY ASSISTANCE ON ORGANIZATION AND MANAGEMENT OF THE HEALTH SERVICES, INCLUDING IMPROVEMENT OF SUPPORTING ADMINISTRATIVE MACHINERY; AND TO DEVELOP TRAINING PROGRAMS IN THE FIELDS OF HEALTH PLANNING AND ADMINISTRATION.

THE GOVERNMENTS, HOWEVER, FACE CRITICAL HUMAN AND MATERIAL LIMITATIONS TO MEET THESE REQUIREMENTS AND MUST SEARCH FOR MEANS TO OBTAIN BETTER UTILIZATION OF AVAILABLE RESOURCES. IN THE HEALTH SECTOR, WHERE THE MAJOR AND OFTEN THE ONLY PROVIDER IS THE GOVERNMENT, THERE IS AN IMMEDIATE NEED TO RATIONALIZE THE TYPE AND QUALITY OF SERVICES BEING RENDERED THROUGH A DYNAMIC PROCESS OF PLANNING.

THIS PROJECT HAS BEEN ORGANIZED AND DEVELOPED AS A MEANS OF ASSISTANCE TO THE GOVERNMENTS IN THE IMPROVEMENTS OF THEIR HEALTH SERVICES. SPECIFICALLY, IT IS INTENDED TO PROMOTE THE ESTABLISHMENT OF SYSTEMATIC PLANNING OF THE HEALTH SECTORS; TO ASSIST IN THE PREPARATION AND IMPLEMENTATION OF LONG-RANGE NATIONAL HEALTH PLANS; TO PROVIDE ADVISORY ASSISTANCE ON ORGANIZATION AND MANAGEMENT OF THE HEALTH SERVICES, INCLUDING IMPROVEMENT OF SUPPORTING ADMINISTRATIVE MACHINERY; AND TO DEVELOP TRAINING PROGRAMS IN THE FIELDS OF HEALTH PLANNING AND ADMINISTRATION.

TOTAL				TOTAL							
				PR							
				WR							
TOTAL		2	2	2	2	TOTAL		23,675	26,631	29,294	30,338
P-4 MEDICAL OFFICER	WR	1	1	1	1	SUBTOTAL		4,198	5,612	5,854	-
4.1056						PERSONNEL-POSTS		4,152	5,612	5,854	-
G-5 ADMINISTRATIVE ASSISTANT	PR	1	1	1	-	DUTY TRAVEL		46	-	-	-
.0828						SUBTOTAL		19,477	21,019	23,440	30,338
G-5 ADMINISTRATIVE ASSISTANT	WR	-	-	-	1	PERSONNEL-POSTS		16,910	19,519	20,940	27,838
4.0828						DUTY TRAVEL		2,567	1,500	2,500	2,500

AMRO-3703, HEALTH PLANNING (ZONE III)

THE SECOND MEETING OF THE INTER-AMERICAN ECONOMIC AND SOCIAL COUNCIL AS WELL AS THE SPECIAL MEETINGS FOR HEALTH MINISTERS HELD IN 1963 AND 1968 RECOMMENDED THAT MEMBER GOVERNMENTS IN THOSE COUNTRIES IN WHICH HEALTH PLANNING HAS NOT BEEN INTRODUCED SHOULD TAKE SPECIAL STEPS TO IMPLEMENT NATIONAL HEALTH PLANS. WHEN PLANNING IS IN ANY OF ITS STAGES OF DEVELOPMENT, THEY SHOULD STRENGTHEN ACTIVITIES DESIGNED TO IMPROVE PLANNING. IN COMPLYING WITH THESE RECOMMENDATIONS, ASSISTANCE HAS BEEN PROVIDED TO COUNTRIES IN CENTRAL AMERICA AND TO PANAMA TO ACTIVATE THEIR PLANNING PROCESSES WHICH ARE IN VARIOUS STAGES OF OPERATION. PLANNING UNITS HAVE BEEN ESTABLISHED IN ALL COUNTRIES, AND LOCAL TRAINING COURSES ARE BEING ORGANIZED. SYSTEMATIC EVALUATION OF THE PLANNING PROCESS IS PERFORMED IN THREE COUNTRIES OF THE ZONE.

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
								\$	\$	\$	\$
TOTAL		1	1	1	1	TOTAL	PR	24,307	23,473	24,361	25,249
P-4 MEDICAL OFFICER .2031	PR	1	1	1	1	PERSONNEL-POSTS		21,976	20,473	21,361	22,249
						DUTY TRAVEL		2,331	3,000	3,000	3,000

AMRO-3704, HEALTH PLANNING (ZONE IV)

IN ACCORDANCE WITH THE OBJECTIVES OF THE CHARTER OF PUNTA DEL ESTE AND THE RECOMMENDATIONS OF THE INTER-AMERICAN ECONOMIC AND SOCIAL COUNCIL, THE FOUR COUNTRIES WITHIN THE ZONE HAVE THEIR HEALTH PLANS IN VARIOUS DEVELOPMENT STAGES. THE ORGANIZATION PROVIDES CONSULTANT SERVICES TO THE GOVERNMENTS FOR THE PREPARATION AND EXECUTION OF NATIONAL HEALTH PLANS WITHIN THE FRAMEWORK OF NATIONAL PLANS FOR ECONOMIC AND SOCIAL DEVELOPMENT, FOR THE ORGANIZATION OF PLANNING UNITS IN MINISTRIES OF HEALTH, AND FOR TRAINING PERSONNEL IN PLANNING TECHNIQUES.

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
								\$	\$	\$	\$
TOTAL		1	1	1	1	TOTAL	PR	29,904	23,573	24,511	25,399
P-4 MEDICAL OFFICER .0912	PR	1	1	1	1	PERSONNEL-POSTS		24,377	20,473	21,361	22,249
						DUTY TRAVEL		5,527	3,000	3,000	3,000
						SUPPLIES AND EQUIPMENT		-	100	150	150

AMRO-3706, HEALTH PLANNING (ZONE VI)

IN COMPLYING WITH THE RECOMMENDATIONS OF THE INTER-AMERICAN ECONOMIC AND SOCIAL COUNCIL AND THE SPECIAL MEETINGS FOR HEALTH MINISTERS HELD IN 1963 AND 1968, ASSISTANCE HAS BEEN PROVIDED TO ARGENTINA, CHILE, PARAGUAY, AND URUGUAY IN DEVELOPING THE HEALTH PLANNING PROCESS IN THE LIGHT OF SOCIAL AND ECONOMIC CHANGE. HEALTH PLANNING UNITS HAVE BEEN ESTABLISHED IN EACH COUNTRY AS AN INSTRUMENT TO CARRY OUT THIS PROCESS. TWO COUNTRIES HAVE FORMULATED NATIONAL PLANS. ANOTHER COUNTRY IS IN THE PROCESS OF A PLAN FORMULATION. LOCAL TRAINING COURSES HAVE ALSO BEEN ORGANIZED IN TWO COUNTRIES AND WILL CONTINUE IN THE COMING YEARS.

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
								\$	\$	\$	\$
TOTAL		1	1	1	1	TOTAL	PR	23,110	23,673	24,561	25,449
P-4 PLANNING OFFICER .0915	PR	1	1	1	1	PERSONNEL-POSTS		19,873	20,473	21,361	22,249
						DUTY TRAVEL		3,237	3,000	3,000	3,000
						SUPPLIES AND EQUIPMENT		-	200	200	200

AMRO-3707, TASK FORCE ON HEALTH

FINAL COSTS OF A SPECIAL MEETING OF MINISTERS OF HEALTH WERE PAID IN 1969.

	FUND	1969	1970	1971	1972
		\$	\$	\$	\$
TOTAL	PR	1,408	-	-	-
CONTRACTUAL SERVICES		1,408	-	-	-

AMRO-3715, PAN AMERICAN PROGRAM FOR HEALTH PLANNING

EXPERIENCE SINCE 1962, WHEN THE ORGANIZATION BEGAN CONCENTRATED EFFORTS ON HEALTH PLANNING AS AN INTEGRAL PART OF THE PROCESS OF SOCIAL AND ECONOMIC DEVELOPMENT OF THE VARIOUS COUNTRIES, HAS DEMONSTRATED CLEARLY THE NECESSITY FOR DEVELOPMENT OF TRAINING, RESEARCH, AND TECHNICAL ASSISTANCE IN ORDER TO ACCELERATE IMPROVEMENT AND EXPANSION OF HEALTH PLANNING AND ITS MEANINGFUL APPLICATION IN DEVELOPMENT PROGRAMS OF THE VARIOUS COUNTRIES. TO MEET THIS NEED, THIS PROJECT, APPROVED BY THE UNITED NATIONS SPECIAL FUND, WILL PROVIDE A PAN AMERICAN PROGRAM FOR HEALTH PLANNING DESIGNED FOR TRAINING AND RESEARCH IN HEALTH PLANNING AND METHODOLOGY, WITH THE ACTIVE PARTICIPATION OF THE COUNTRIES AND IN CLOSE COORDINATION WITH THE INSTITUTO LATINOAMERICANO DE PLANIFICACION ECONOMICA Y SOCIAL. THE PROJECT ALSO REINFORCES THE TECHNICAL ASSISTANCE PROVIDED BY THE ORGANIZATION IN HEALTH PLANNING.

OVER A FIVE-YEAR PERIOD, IT IS EXPECTED THAT 310 PERSONS WILL BE TRAINED IN INTERNATIONAL COURSES, AND NATIONAL COURSES WILL BE HELD IN FOUR COUNTRIES EACH YEAR. IN RESEARCH, IT IS PLANNED TO ASSIST FOUR COUNTRIES IN FIELDS RELATED TO PLANNING.

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AMRO-4109, NURSING MIDWIFERY

MIDWIFERY SERVICES IN LATIN AMERICA ARE PROVIDED TO A GREAT EXTENT, ESPECIALLY IN RURAL AREAS, BY THE TRADITIONAL BIRTH ATTENDANT (PARTERA EMPIRICA). TO IMPROVE MATERNITY SERVICES, A NUMBER OF COUNTRIES HAVE PREPARED AND ASSIGNED TO HEALTH SERVICES PUBLIC HEALTH NURSES AND PUBLIC HEALTH NURSE-MIDWIVES WHOSE RESPONSIBILITIES INCLUDE THE ORIENTATION AND GUIDANCE OF THE TRADITIONAL BIRTH ATTENDANT. IT IS ANTICIPATED THAT SUCH ACTIVITY WILL CONTINUE.

A NUMBER OF COUNTRIES ALSO EMPLOY PROFESSIONAL MIDWIVES IN BOTH MATERNITY HOSPITAL SERVICES AND IN GENERAL HEALTH SERVICES, BUT BECAUSE THE EXISTING SCHOOLS OF MIDWIFERY DO NOT OFFER ORIENTATION IN NURSING, IN PUBLIC HEALTH, OR IN MATERNAL AND CHILD HEALTH IN ITS BROAD SENSE, THE PROFESSIONAL MIDWIFE IS NOT PREPARED TO FUNCTION AS EFFECTIVELY AS SHE MIGHT IN THE RAPIDLY EXPANDING INTEGRATED SERVICES. WHERE EDUCATIONAL FACILITIES EXIST FOR THE PREPARATION OF THE PROFESSIONAL MIDWIFE, THERE IS A NEED FOR GUIDANCE IN WAYS AND MEANS OF IMPROVING EXISTING EDUCATIONAL FACILITIES, AS WELL AS SERVICES WHERE PROFESSIONAL MIDWIVES ARE EMPLOYED.

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
						TOTAL		\$	\$	\$	\$
TOTAL		1	3	3	3	TOTAL	PR <sup>2</sup>	26,175	47,499	54,452	57,177
P-4 NURSE MIDWIFE .0847 .3342	PR	1	2	2	2	PERSONNEL-POSTS		19,597	41,799	48,052	50,777
G-5 SECRETARY .3306	PR	-	1	1	1	DUTY TRAVEL		5,634	5,000	5,000	5,000
						SUPPLIES AND EQUIPMENT		944	700	1,400	1,400

<sup>2</sup>SEE SPECIAL FUND FOR HEALTH PROMOTION, PART IV.

AMRO-4115, NURSING-MIDWIFERY EDUCATION

IN 1969 A CONFERENCE OF DIRECTORS AND FACULTY MEMBERS OF NURSING-MIDWIFERY EDUCATIONAL PROGRAMS IN LATIN AMERICA AND THE CARIBBEAN AREA AND CLINICAL PRACTICE AREA REPRESENTATIVES WAS HELD TO ANALYZE PRESENT PROGRAMS. NEW GUIDELINES FOR COURSES FOR IMPROVEMENT OF MATERNAL AND INFANT CARE SERVICES WERE PREPARED.

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
TOTAL		1	-	-	-	TOTAL	PR	16,506	-	-	-
CONSULTANT MONTHS	PR	1	-	-	-	PERSONNEL-CONSULTANTS		873	-	-	-
TOTAL		28	-	-	-	SEMINAR COSTS		2,133	-	-	-
PARTICIPANTS	PR	28	-	-	-	PARTICIPANTS		13,500	-	-	-

AMRO-4116, FACULTY TRAINING IN MATERNAL AND CHILD HEALTH

A RECENT STUDY IN NURSING-MIDWIFERY REVEALED THE SHORTAGE OF MIDWIFERY AND NURSE-MIDWIFERY PERSONNEL TO MEET THE HEALTH SERVICE NEEDS OF AN EVER-INCREASING MATERNAL AND INFANT POPULATION. TO MEET THESE NEEDS, IT IS ESSENTIAL THAT NURSING SCHOOLS REVISE AND STRENGTHEN THE MATERNAL AND CHILD HEALTH CONTENT OF THE BASIC CURRICULUM, WITHIN THE HOURS PROGRAMED, SO THAT ALL GRADUATES ARE COMPETENT TO TAKE CARE OF THE MOTHER DURING THE NORMAL COURSE OF GESTATION AND DELIVERY.

IN VIEW OF THE NUMBER OF EXISTING SCHOOLS OF NURSING WHICH SHOULD BE INCLUDED, TWO INTENSIVE COURSES ARE PLANNED TO BE ATTENDED BY FACULTY MEMBERS CONCERNED WITH MATERNAL AND INFANT NURSING, AND BY SUPERVISORS OF CLINICAL PRACTICE FROM ONE SCHOOL PER COUNTRY. PROGRAMS OF STUDY WILL BE ANALYZED AND GUIDES DRAWN UP FOR RECOMMENDED CONTENT.

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
TOTAL		-	-	3	-	TOTAL	WR	-	-	40,400	-
CONSULTANT MONTHS	WR	-	-	3	-	PERSONNEL-CONSULTANTS		-	-	5,400	-
TOTAL		-	-	40	-	COURSE COSTS		-	-	5,000	-
FELLOWSHIPS-ACADEMIC	WR	-	-	40	-	FELLOWSHIPS		-	-	30,000	-

AMRO-4117, STAFFING MATERNAL AND CHILD HEALTH SERVICES

THE PAHO SURVEY ON MIDWIFERY AND NURSING MIDWIFERY PERSONNEL SOUGHT INITIAL INFORMATION ON STAFFING PATTERNS IN MATERNAL AND CHILD HEALTH SERVICES, BUT THE LACK OF DATA POINTED TO THE NEED FOR FURTHER INQUIRY. THE FINDINGS WOULD SERVE AS GUIDES FOR MORE REALISTIC DISTRIBUTION AND UTILIZATION OF PERSONNEL IN THIS AREA AND GIVE DIRECTIVES FOR REVISING THE CONTENT IN TRAINING COURSES FOR NURSING MIDWIFERY. IT IS PLANNED TO CARRY OUT THE STUDY DURING A PERIOD OF TWO YEARS IN ONE OR TWO COUNTRIES PER ZONE, IN ORDER TO HAVE A REPRESENTATIVE SAMPLING.

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
TOTAL		-	3	3	-	TOTAL	PR	-	5,400	5,400	-
CONSULTANT MONTHS	PR	-	3	3	-	PERSONNEL-CONSULTANTS		-	5,400	5,400	-

AMRO-4118, STUDY GROUP ON NURSING-MIDWIFERY SERVICES

FINDINGS IN THE PAHO/WHO STUDY ON MIDWIFERY SHOWED THAT BOTH NURSES AND MIDWIVES CARRY OUT MULTIPLE FUNCTIONS AND RESPONSIBILITIES IN COMMON. IT IS EXPECTED THAT THE STUDY OF STAFFING OF MATERNAL AND CHILD HEALTH SERVICES (AMRO-4117) WILL PROVIDE FACTUAL DATA, IN DEPTH, ON THE ACTUAL ACTIVITIES WHICH THE DIFFERENT LEVELS OF NURSING-MIDWIFERY PERSONNEL IN LATIN AMERICA ARE PERFORMING IN EXTENDING SERVICES TO MOTHER AND INFANTS. IT IS ALSO PLANNED THAT THIS STUDY GROUP WILL SET GUIDELINES AIMED AT STRENGTHENING THE CONTRIBUTION OF THESE PERSONNEL IN THE HEALTH FIELD. IT REMAINS, THEN, TO PREPARE A GUIDE FOR THE IMPROVED ORGANIZATION AND OPERATION OF NURSING-MIDWIFERY SERVICES, TO INCLUDE STANDARDS, PROCEDURES, ROUTINES, AND PLANS FOR CARE WHICH ARE REALISTICALLY GEARED TO LATIN AMERICA.

THIS IS TO BE ACHIEVED THROUGH A MEETING OF NURSES AND MIDWIVES WHO WOULD WORK TOGETHER IN DRAWING UP THE GUIDE. IT IS EXPECTED THAT THESE PROFESSIONALS WOULD PROMOTE THE ADOPTION OF THE DOCUMENT ON RETURN TO THEIR OWN COUNTRIES; THAT IT WOULD RECEIVE WIDE CIRCULATION WITHIN THE COUNTRIES OF THE REGION; AND THAT IT WOULD ALSO SERVE AS A REFERENCE FOR BASIC AND ADVANCED EDUCATIONAL PROGRAMS IN NURSING AND MIDWIFERY.

<u>FUND 1969 1970 1971 1972</u>					<u>FUND 1969 1970 1971 1972</u>					
TOTAL				3	TOTAL	WR				23,900
CONSULTANT MONTHS	WR	-	-	3	PERSONNEL-CONSULTANTS					5,400
TOTAL				30	SEMINAR COSTS					2,000
PARTICIPANTS	WR	-	-	30	PARTICIPANTS					16,500

AMRO-4119, MATERNAL AND CHILD HEALTH FELLOWSHIPS

THE FELLOWSHIPS AVAILABLE UNDER THIS PROJECT ARE A PART OF THE SUPPORT PROVIDED BY THE FORD FOUNDATION TO PROJECT URUGUAY-4102, LATIN AMERICAN CENTER FOR PERINATOLOGY AND HUMAN DEVELOPMENT. SINCE THE FELLOWSHIPS ARE NOT RESTRICTED TO URUGUAY, BUT ARE AVAILABLE FOR AWARD TO CANDIDATES FROM THE ENTIRE REGION TO STUDY AT THE CENTER, THEY ARE BUDGETED UNDER THIS PROJECT FOR LATER ASSIGNMENT TO THE VARIOUS COUNTRY PROJECTS AS AWARDS ARE MADE. A DESCRIPTION OF THE CENTER IS FOUND UNDER URUGUAY-4102.

<u>FUND 1969 1970 1971 1972</u>					<u>FUND 1969 1970 1971 1972</u>					
TOTAL		8	4	5	TOTAL	PG		31,248	13,372	16,710
FELLOWSHIPS-ACADEMIC	PG	-	8	4	FELLOWSHIPS			31,248	13,372	16,710

AMRO-4122, DEVELOPMENT OF RHEUMATIC FEVER PROGRAMS

MORTALITY FROM RHEUMATIC FEVER AND RHEUMATIC HEART DISEASE IS ESPECIALLY SEVERE AMONG CHILDREN AND ADOLESCENTS, AND THE PROBLEM OF CHRONIC INVALIDISM AND ITS ECONOMIC IMPACT IS NO DOUBT CONSIDERABLE.

THE PURPOSE OF THIS PROJECT IS TO PROMOTE A VIGOROUS PROGRAM AGAINST THIS PREVENTABLE DISEASE IN THE AMERICAS, INCLUDING IMPROVEMENT OF LABORATORY FACILITIES FOR DIAGNOSIS, CASE-FINDING, EDUCATION OF PHYSICIANS, AND PROPHYLACTIC PROGRAMS.

<u>FUND 1969 1970 1971 1972</u>					<u>FUND 1969 1970 1971 1972</u>					
TOTAL				2	TOTAL	PR				3,600
CONSULTANT MONTHS	PR	-	-	2	PERSONNEL-CONSULTANTS					3,600

AMRO-4200, NUTRITION ADVISORY SERVICES

RECENT MEETINGS OF TECHNICAL GROUPS PREPARED TENTATIVE GUIDELINES FOR ACTION WHICH HAVE BEEN DISTRIBUTED FOR USE ON A PILOT BASIS. THESE INCLUDE, AMONG THE PRIORITY AREAS, THE FORMULATION OF FOOD AND NUTRITION POLICIES, THE INTEGRATION OF NUTRITION INTO HEALTH PLANNING PROCEDURES, THE TRAINING OF NUTRITIONISTS AND DIETITIANS, AND THE DEFINITION AND SUPPORT OF SPECIFIC NUTRITION ACTIVITIES AT THE LOCAL LEVEL. IN RESEARCH, PROTOCOLS FOR THE PREVENTION OF ENDEMIC GOITER AND NUTRITIONAL ANEMIAS HAVE BEEN PREPARED AND CIRCULATED FOR PILOT APPLICATION. AS THE GUIDES FOR THESE VARIOUS ACTIVITIES ARE IMPLEMENTED AT THE ZONE AND COUNTRY LEVELS, INCREASED REQUESTS MAY BE EXPECTED FOR SHORT-TERM CONSULTANTS WITH EXPERTISE IN ANY OF THESE SPECIFIC FIELDS TO ASSIST GOVERNMENTS IN THEIR INTERPRETATION, ADAPTATION, AND APPLICATION.

IN ADDITION, A REGIONAL TECHNICAL ADVISORY COMMITTEE WILL MEET TO CONSIDER THE OVERALL NUTRITION PROGRAM OF THE ORGANIZATION. CONSULTANTS FROM LATIN AMERICA AND THE CARIBBEAN WILL BE INVITED TO PARTICIPATE IN THIS GROUP.

<u>FUND 1969 1970 1971 1972</u>					<u>FUND 1969 1970 1971 1972</u>					
TOTAL			1	1	TOTAL		7,129	10,800	16,412	16,728
G-4 SECRETARY .3456	PR	-	-	1	SUBTOTAL	PR	204	-	4,612	4,928
TOTAL		3	6	6	PERSONNEL-POSTS				4,612	4,928
CONSULTANT MONTHS	WR	3	6	6	SUPPLIES AND EQUIPMENT		204	-	-	-
					SUBTOTAL	WR	6,925	10,800	11,800	11,800
					PERSONNEL-CONSULTANTS		6,497	10,800	10,800	10,800
					SUPPLIES AND EQUIPMENT		428	-	1,000	1,000

AMRO-4201, NUTRITION ADVISORY SERVICES (ZONE I)

MALNUTRITION IS ONE OF THE MAJOR PROBLEMS IN ZONE I, WHERE IT IS AN IMPORTANT FACTOR IN THE MORTALITY AND MORBIDITY IN MOST OF THE COUNTRIES. THE NATURE OF THE NUTRITION PROBLEMS IS VERY SIMILAR, BUT THE EXTENT AND SEVERITY VARY FROM AREA TO AREA.

THE MAIN DEFICIENCIES FOUND IN THE AREA ARE INADEQUATE INTAKE OF PROTEIN IN QUALITY AND QUANTITY, VITAMIN B COMPLEX, IRON, AND VITAMIN A. SPECIAL GROUPS, SUCH AS PRESCHOOL CHILDREN AND PREGNANT AND LACTATING WOMEN, INCLUDE HIGHER PERCENTAGES OF INDIVIDUALS WITH INADEQUATE NUTRIENT INTAKE.

THE PURPOSE OF THIS PROJECT IS TO PROVIDE ADVISORY SERVICES TO THE GOVERNMENTS IN ZONE I; TO STIMULATE PLANNING AND IMPLEMENTATION OF NUTRITION COMPONENTS OF NATIONAL HEALTH PLANS AND ASSIST IN EVALUATION; TO SELECT CANDIDATES AND TO ESTABLISH INTERCOUNTRY PRIORITIES FOR TRAINING PROGRAMS, TO DEVELOP APPROPRIATE DEMONSTRATION PROJECTS; TO PROMOTE APPLIED RESEARCH INTO LOCAL PROBLEMS WITHIN AND BETWEEN COUNTRIES; AND TO COORDINATE ACTIVITIES WITH COOPERATING INTERNATIONAL AGENCIES.

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
		\$	\$	\$	\$		WR	\$	\$	\$	\$
TOTAL			1	1	1	TOTAL		22,809	21,017	24,175	30,227
P-4 MEDICAL OFFICER 4.0885	WR		1	1	1	PERSONNEL-POSTS		17,548	17,517	18,675	19,327
TOTAL			-	-	-	PERSONNEL-CONSULTANTS		-	-	-	5,400
			-	-	3	DUTY TRAVEL		5,261	3,000	5,000	5,000
CONSULTANT MONTHS	WR		-	-	3	SUPPLIES AND EQUIPMENT		-	500	500	500

AMRO-4203, INSTITUTE OF NUTRITION OF CENTRAL AMERICA AND PANAMA

THE INSTITUTE OF NUTRITION OF CENTRAL AMERICA AND PANAMA (INCAP) WAS CREATED IN 1949 BY THE GOVERNMENTS OF THE SIX COUNTRIES OF THE CENTRAL AMERICAN Isthmus AND THE ORGANIZATION WITH THE PRIMARY OBJECTIVE OF RESOLVING THE NUTRITIONAL PROBLEMS OF THE AREA. FROM THE BEGINNING INCAP HAS ORIENTED ITS PROGRAMS TOWARD THE NEEDS OF ITS MEMBER COUNTRIES, WITH PARTICULAR EMPHASIS ON APPLIED NUTRITION, TRAINING, AND RESEARCH.

ADVISORY SERVICES IN THE FIELD OF APPLIED NUTRITION HAVE PERMITTED MEMBER GOVERNMENTS TO GIVE A NEW IMPETUS TO NATIONAL NUTRITION PROGRAMS, AND SOME OF THE COUNTRIES ARE CREATING EDUCATION AND REGENERATION CENTERS. INCAP HAS PROVIDED TRAINING IN APPLIED NUTRITION TO OFFICIALS OF THE MINISTRIES OF PUBLIC HEALTH WHO ARE WORKING AT THE NATIONAL LEVEL IN THEIR RESPECTIVE DEPARTMENTS OF NUTRITION.

THE SCHOOL OF NUTRITION AND FOOD SCIENCES, IN OPERATION AT INCAP SINCE 1966, ADMITS AN AVERAGE OF 15 STUDENTS PER YEAR FROM THE COUNTRIES OF THE AREA IN ORDER TO PROVIDE TRAINED PERSONNEL FOR THE MINISTRIES OF PUBLIC HEALTH. THE FIRST STUDENTS TO COMPLETE THE FOUR-YEAR COURSE WILL BE GRADUATED IN 1969. IN ADDITION, INCAP IS GIVING A ONE-YEAR COURSE AT THE POSTGRADUATE LEVEL ON PEDIATRICS, NUTRITION, AND PUBLIC HEALTH, AND IT IS PLANNING TRAINING IN OTHER ASPECTS OF NUTRITION SCIENCE.

THE RESEARCH PROGRAM AT INCAP HAS RECEIVED INTERNATIONAL RECOGNITION. AMONG ITS CONTRIBUTIONS HAS BEEN THE DEVELOPMENT OF SEVERAL FOOD FORMULAS OF GREAT NUTRITIVE VALUE AND LOW COST, WHICH ARE IN USE IN THE MEMBER COUNTRIES AND BEYOND. IN ADDITION, PROGRAMS OF MUTUAL CONCERN HAVE BEEN WORKED OUT WITH MINISTRIES OF AGRICULTURE, OF EDUCATION, AND OF ECONOMICS.

THE FUNDS NEEDED BY INCAP TO FINANCE ITS PROGRAMS COME FROM THREE SOURCES. ITS BASIC BUDGET IS FINANCED BY MEANS OF FIXED ANNUAL CONTRIBUTIONS FROM THE MEMBER COUNTRIES, WHICH ARE COSTA RICA, EL SALVADOR, GUATEMALA, HONDURAS, NICARAGUA, AND PANAMA. PAHO, ALSO IN CHARGE OF ADMINISTERING INCAP, CONSTITUTES THE SECOND SOURCE OF FUNDS. THE THIRD SOURCE IS PROVIDED BY GROUPS INTERESTED IN NUTRITION, ESPECIALLY THE U. S. NATIONAL INSTITUTES OF HEALTH, THE U. S. ARMY MEDICAL RESEARCH AND DEVELOPMENT COMMAND, AND PRIVATE GROUPS SUCH AS THE NUTRITION FOUNDATION, THE WILLIAMS-WATERMAN FUND, THE W. K. KELLOGG FOUNDATION, AND THE JOSIAH MACY, JR. FOUNDATION.

TOTAL		11	11	11	11	TOTAL	1,741,075	1,474,388	1,453,636	1,511,251
P-6 DIRECTOR .0615	PR	1	1	1	1	SUBTOTAL	PR <sup>x</sup> 431,935	464,496	473,963	501,359
P-5 MEDICAL OFFICER .0989 .1004	PR	2	2	2	2	PERSONNEL-POSTS		183,295	206,233	229,735
P-4 ADMINISTRATIVE OFFICER .0921	PR	1	1	1	1	PERSONNEL-CONSULTANTS		5,597	16,200	16,200
P-4 NUTRITION ADVISER .0617	PR	1	1	1	1	TECHNICAL ADVISORY COMM.		2,839	3,000	3,000
P-4 MEDICAL OFFICER .0616 .3190	PR	2	2	2	2	DUTY TRAVEL		14,747	15,000	15,500
P-4 PROGRAMMER ANALYST .3497	PR	1	1	1	1	SEMINAR COSTS		8,000	-	-
P-3 NUTRITION EDUCATOR .0618	PR	1	1	1	1	HOSPITALITY		300	300	300
P-2 EDITOR-TRANSLATOR .0619	PR	1	1	1	1	SUPPLIES AND EQUIPMENT		25,441	500	500
G-8 ACCOUNTING TECHNICIAN .2052	PR	1	1	1	1	FELLOWSHIPS		33,815	20,000	20,000
TOTAL		4	9	9	9	LOCAL PERSONNEL COSTS		127,870	180,000	180,000
						COMMON SERVICES		30,031	23,263	8,728
CONSULTANT MONTHS	PR	4	9	9	-	SUBTOTAL	P1	854,528	615,347	585,128
CONSULTANT MONTHS	WR	-	-	-	9	PERSONNEL-POSTS		410,327	355,912	366,600
						DUTY TRAVEL		30,346	25,927	24,184
						SUPPLIES AND EQUIPMENT		91,031	48,668	42,126
						FELLOWSHIPS		31,703	26,880	26,880
						COMMON SERVICES		291,121	157,960	125,336

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AMRO-4211, RESEARCH IN PROTEIN-CALORIE MALNUTRITION

IN RECENT YEARS A CONSIDERABLE AMOUNT OF IMPORTANT RESEARCH HAS BEEN CARRIED OUT IN THE AMERICAS ON THE CHARACTERISTICS OF PROTEIN-CALORIE MALNUTRITION AND EFFECTIVE METHODS FOR ITS PREVENTION. THE PURPOSE OF THIS PROJECT IS TO UNDERTAKE A COMPREHENSIVE REVIEW OF CURRENT KNOWLEDGE IN THIS AREA IN PREPARATION FOR RECOMMENDATIONS ON CONTROL OF THE PROBLEM AND TO PROVIDE GUIDELINES FOR FUTURE RESEARCH.

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
								\$	\$	\$	\$
TOTAL		-	-	2	2	TOTAL	WR	-	-	5,600	5,600
CONSULTANT MONTHS	WR	-	-	2	2	PERSONNEL-CONSULTANTS		-	-	3,600	3,600
						SUPPLIES AND EQUIPMENT		-	-	2,000	2,000

AMRO-4212, RESEARCH IN NUTRITION ANEMIAS

IN 1968, A MEETING WAS HELD TO COLLECT AND ANALYZE DATA THAT HAD COME FROM COLLABORATIVE STUDIES WITH A VIEW TO MAKING RECOMMENDATIONS ON PROGRAMS FOR THE PREVENTION OF NUTRITION ANEMIAS AND ON FUTURE RESEARCH NEEDS. IN 1969, SOME OUTSTANDING CHARGES TO THE PROJECT WERE PAID.

TOTAL	PG	42	-	-	-
SUPPLIES AND EQUIPMENT		42	-	-	-

AMRO-4218, LATIN AMERICAN NUTRITION SOCIETY

THIS GRANT BY THE WILLIAMS-WATERMAN FUND IS MADE TO SUPPORT THE DEVELOPMENT OF A LATIN AMERICAN NUTRITION SOCIETY AND THE PUBLICATION IN SPANISH OF A SCIENTIFIC JOURNAL DEVOTED TO NUTRITION.

TOTAL	PG	17	-	-	-
SUPPLIES AND EQUIPMENT		17	-	-	-

AMRO-4221, SEMINAR ON NUTRITION IN FOOD AND HEALTH POLICIES

ONE OF THE MAJOR OBSTACLES TO THE PREVENTION OF MALNUTRITION AS A PUBLIC HEALTH PROBLEM IN LATIN AMERICA IS THE LACK OF A CLEARLY DEFINED FOOD AND NUTRITION POLICY AT THE NATIONAL LEVEL, INVOLVING ECONOMIC PLANNING, AGRICULTURE, EDUCATION, AND HEALTH. THERE IS AN URGENT NEED TO ESTABLISH GUIDELINES FOR THE POLICY-MAKING PROCESS TO BE USED BY NATIONAL GOVERNMENTS WITH TECHNICAL ADVISORY SUPPORT FROM PAHO AND OTHER RELEVANT AGENCIES.

A MEETING OF A MULTIDISCIPLINARY GROUP (AGRICULTURE, ECONOMICS, HEALTH, EDUCATION) WILL BE CONVENED IN ORDER TO PROVIDE GUIDELINES FOR THE PREPARATION OF NATIONAL FOOD AND NUTRITION POLICIES.

TOTAL		1	-	3	3	TOTAL	PR	3,890	-	5,400	5,400
CONSULTANT MONTHS	PR	1	-	3	3	PERSONNEL-CONSULTANTS		3,890	-	5,400	5,400

AMRO-4223, NUTRITION EDUCATION MATERIALS

A STUDY GROUP REVIEWED THE "BIBLIOGRAPHY ON NUTRITION, FOOD, PUBLIC HEALTH AND RELATED SCIENCES," PREPARED BY THE ORGANIZATION, AND MADE RECOMMENDATIONS ON ITS FUTURE USE IN THE SELECTION OF TEXTS AND REFERENCE MATERIALS FOR SCHOOLS OF NUTRITION AND DIETETICS IN LATIN AMERICA.

TOTAL		1	-	-	-	TOTAL		6,742	-	-	-
CONSULTANT MONTHS	WR	1	-	-	-	SUBTOTAL	PR	5,413	-	-	-
TOTAL		10	-	-	-	SEMINAR COSTS		1,553	-	-	-
PARTICIPANTS	PR	10	-	-	-	PARTICIPANTS		3,860	-	-	-
						SUBTOTAL	WR	829	-	-	-
						PERSONNEL-CONSULTANTS		265	-	-	-
						SEMINAR COSTS		564	-	-	-

AMRO-4225, GRADUATE COURSE IN PUBLIC HEALTH NUTRITION

THERE IS A GROWING DEMAND FOR ADVANCED TRAINING IN NUTRITION FOR SUPERVISORY LEVEL PERSONNEL IN NATIONAL NUTRITION UNITS AND FOR TEACHING STAFF OF TRAINING INSTITUTIONS IN LATIN AMERICA. TO DATE, THIS NEED HAS BEEN ONLY PARTIALLY SATISFIED THROUGH INTERNATIONAL FELLOWSHIPS FOR TRAINING IN ENGLISH-SPEAKING CENTERS IN THE UNITED STATES OF AMERICA AND CANADA. THIS SITUATION PRESENTS GREAT LIMITATIONS IN TERMS OF THE CONTENT AND ORIENTATION OF THE CURRICULUM AND THE LANGUAGE USED, SINCE MANY POTENTIAL CANDIDATES FOR FELLOWSHIPS ARE NOT FLUENT IN ENGLISH. A CENTER HAS BEEN ESTABLISHED IN PUERTO RICO TO PROVIDE GRADUATE TRAINING IN SPANISH IN PUBLIC HEALTH NUTRITION.

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AMRO-4313, PSYCHIATRIC NURSING . . . CONTINUED

		FUND				FUND				
		1969	1970	1971	1972	1969	1970	1971	1972	
		-----	-----	-----	-----	-----	-----	-----	-----	
		\$	\$	\$	\$	\$	\$	\$	\$	
TOTAL		-	-	2	2	WR	-	-	16,499	37,335
P-4 NURSE	WR	-	-	1	1	PERSONNEL-POSTS	-	-	11,899	24,135
4.3283						PERSONNEL-CONSULTANTS	-	-	3,600	7,200
G-4 SECRETARY	WR	-	-	1	1	DUTY TRAVEL	-	-	1,000	1,000
4.3284						SUPPLIES AND EQUIPMENT	-	-	-	5,000
TOTAL		-	-	2	4					
CONSULTANT MONTHS	WR	-	-	2	4					

AMRO-4314, EPIDEMIOLOGICAL STUDY ON EPILEPSY

RESOLUTIONS OF THE GOVERNING BODIES RECOMMENDED THE PROMOTION OF RESEARCH ON THE FREQUENCY AND DISTRIBUTION OF EPILEPSY IN THE HEMISPHERE, SINCE IT IS SUSPECTED THAT IN CERTAIN AREAS THE INCIDENCE AND PREVALENCE OF THAT ILLNESS IS VERY HIGH. EPIDEMIOLOGICAL STUDIES ARE TO BE MADE IN ORDER TO ASCERTAIN THE MAGNITUDE AND DISTRIBUTION OF THE PROBLEM, TO PLAN SERVICES ACCORDINGLY, AND TO UNCOVER CAUSES UNDERLYING HIGHER FREQUENCIES IN SOME REGIONS.

TOTAL		-	-	6	6	TOTAL	WR	-	-	23,800	23,800
CONSULTANT MONTHS	WR	-	-	6	6	PERSONNEL-CONSULTANTS	-	-	10,800	10,800	
						CONTRACTUAL SERVICES	-	-	8,000	8,000	
						SUPPLIES AND EQUIPMENT	-	-	5,000	5,000	

AMRO-4315, STUDY GROUP ON TRAINING PSYCHIATRISTS

TRAINING PROGRAMS FOR PSYCHIATRISTS IN LATIN AMERICA ARE SCARCE AND ARE USUALLY TAILORED FOR THE NEEDS OF THE PRIVATE PRACTICE. THERE IS A TREMENDOUS LACK OF SPECIALISTS SUITABLY PREPARED FOR WORK WITHIN THE COMMUNITIES. ALTHOUGH THERE IS A TACIT AGREEMENT ON THE NEEDS TO MODIFY THE CURRICULA AND TO INTRODUCE MODERN CONCEPTS AND PRACTICES IN THE TRAINING OF PSYCHIATRISTS, THE TRAINING PROGRAMS IN MOST OF THE COUNTRIES ARE STILL DESIGNED ALONG TRADITIONAL LINES. IT IS ADVISABLE TO REACH AN AGREEMENT ON TERMS OF CURRICULA CONTENT, LENGTH OF STUDIES, INTRODUCTION OF SOCIAL STUDIES, TRAINING IN TEAM WORK, PSYCHOTHERAPY, CONSULTATION, AND BASIC ADMINISTRATION. THE STUDY GROUP WILL DISCUSS THE MENTIONED ISSUES AND GIVE SPECIFIC RECOMMENDATIONS TO GOVERNMENT AND ACADEMIC AUTHORITIES.

TOTAL		-	-	-	2	TOTAL	WR	-	-	-	11,590
CONSULTANT MONTHS	WR	-	-	-	2	PERSONNEL-CONSULTANTS	-	-	-	-	3,600
						SEMINAR COSTS	-	-	-	-	1,500
TOTAL		-	-	-	9	PARTICIPANTS	-	-	-	-	6,490
PARTICIPANTS	WR	-	-	-	9						

AMRO-4400, DENTAL HEALTH

THERE IS A HIGH PREVALENCE AND INCIDENCE OF DENTAL DISEASE IN THE LATIN AMERICAN COUNTRIES, PARTICULARLY AMONG CHILDREN. IN ADDITION, THE COVERAGE OF DENTAL SERVICES IS INSUFFICIENT AND THE UTILIZATION OF AUXILIARY PERSONNEL IS INADEQUATE. THE PURPOSE OF THIS PROJECT IS TO PROMOTE THE DEVELOPMENT OF DENTAL HEALTH IN GENERAL, AND DENTAL PUBLIC HEALTH IN PARTICULAR, IN THE COUNTRIES OF THE REGION, AS AN INTEGRATED PART OF THE GENERAL HEALTH SERVICES; TO DEVELOP AND APPLY EFFICIENT PATTERNS AND SYSTEMS OF DENTAL PRACTICE BY IMPROVING FACILITIES, EQUIPMENT AND THE EFFICIENCY OF PROFESSIONAL AND AUXILIARY MANPOWER; AND TO ASSIST IN THE TRAINING OF VARIOUS TYPES OF DENTAL PERSONNEL.

PREPAID DENTAL CARE PROGRAMS HAVE BEEN INITIATED, AND IT IS PROPOSED TO ASSIST COUNTRIES IN FURTHER DEVELOPING THESE TYPES OF PROGRAMS. A SURVEY ON DENTAL AUXILIARY UTILIZATION IN ALL THE COUNTRIES HAS BEEN CONDUCTED, AND ASSISTANCE HAS BEEN PROVIDED TO SEVERAL COUNTRIES TO INITIATE UNIQUE AUXILIARY TRAINING PROGRAMS. PROMOTION OF DENTAL SERVICES AT THE NATIONAL, REGIONAL, AND LOCAL LEVELS WILL BE CONTINUED.

TOTAL		4	4	4	6	TOTAL	PR	9,373	8,200	8,200	13,800
CONSULTANT MONTHS	PR	4	4	4	6	PERSONNEL-CONSULTANTS		7,324	7,200	7,200	10,800
						SUPPLIES AND EQUIPMENT		2,049	1,000	1,000	3,000

AMRO-4407, DENTAL EPIDEMIOLOGY

IN ORDER TO ACHIEVE BENEFICIAL DENTAL HEALTH PROGRAMS THROUGH EFFECTIVE HEALTH PLANNING, IT IS NECESSARY THAT A COMPREHENSIVE SURVEY DEALING WITH THE INCIDENCE, DISTRIBUTION, AND CONTROL OF DENTAL DISEASE IN A POPULATION BE CARRIED OUT. DENTAL EPIDEMIOLOGY PROVIDES THE NECESSARY TOOLS FOR ACCOMPLISHING THESE PROCEDURES.

THE PURPOSE OF THIS PROJECT IS TO PROMOTE AND STIMULATE TRAINING, RESEARCH, AND INFORMATION EXCHANGE IN DENTAL EPIDEMIOLOGY. TWO INTERNATIONAL CENTERS HAVE BEEN ESTABLISHED, ONE IN SAN FRANCISCO, UNITED STATES OF AMERICA, AND THE OTHER IN SÃO PAULO, BRAZIL, WITH ANOTHER BEING PROPOSED IN MEDELLIN, COLOMBIA. THESE CENTERS ARE TO PROVIDE ADVANCED TRAINING FOR DENTISTS, CONDUCT RESEARCH EITHER INDIVIDUALLY OR IN COOPERATION WITH OTHER AGENCIES, COLLECT AND DISSEMINATE RESEARCH RESULTS, PROVIDE ADVISORY SERVICES, AND DEVELOP RECOMMENDATIONS AND PRIORITIES FOR APPLIED RESEARCH IN DENTAL EPIDEMIOLOGY. THE CENTERS ARE NOW PROVIDING ASSISTANCE TO THE VENEZUELAN PROJECT OF INTEGRATED PLANNING FOR DENTISTRY.

TOTAL		1	2	2	2	TOTAL	PR	2,587	3,600	3,600	3,600
CONSULTANT MONTHS	PR	1	2	2	2	PERSONNEL-CONSULTANTS		2,403	3,600	3,600	3,600
						SUPPLIES AND EQUIPMENT		184	-	-	-



AMRO-4409, FLUORIDATION

THE FLUORIDATION OF WATER SUPPLIES HAS BEEN ACCEPTED AS AN EFFECTIVE METHOD FOR THE PREVENTION OF DENTAL CARIES AND THE IMPROVEMENT OF DENTAL HEALTH. IN VIEW OF THE EXTENT OF DENTAL DISEASE AND THE INABILITY OF EXISTING DENTAL MANPOWER TO PROVIDE SUFFICIENT DENTAL SERVICES, FLUORIDATION REPRESENTS THE ONLY PREVENTIVE MEASURE CURRENTLY AVAILABLE THAT IS CAPABLE OF HAVING AN EFFECT UPON THIS SITUATION. IN ORDER TO ENCOURAGE THE IMPLEMENTATION OF THIS MEASURE, 243 ENGINEERS FROM 23 COUNTRIES AND TERRITORIES HAVE BEEN TRAINED IN LATIN AMERICA IN 9 COURSES IN FLUORIDATION TECHNIQUES.

THE PURPOSE OF THE PROGRAM IS TO ENCOURAGE THE DEVELOPMENT OF NATIONAL PROGRAMS AND THE IMPLEMENTATION OF FLUORIDATION. TRAINING WILL BE PROVIDED TO ADDITIONAL GROUPS OF ENGINEERS AND MATERIALS PREPARED FOR USE IN INSTRUCTIONAL PROGRAMS FOR ENGINEERS. IN THE THREE YEARS SINCE THE COMMENCEMENT OF THE PROGRAM, FOUR COUNTRIES HAVE DECIDED TO INITIATE FLUORIDATION PROJECTS. IT IS ANTICIPATED THAT IN THE NEAR FUTURE FOUR MORE COUNTRIES WILL INITIATE SUCH PROJECTS. THREE MANUALS WILL BE PREPARED AND DISTRIBUTED ON THE SUBJECT.

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
								\$	\$	\$	\$
TOTAL		2	2	2	2	TOTAL		70,609	67,014	61,935	59,980
P-4 DENTIST .3015	PR	-	-	1	1	SUBTOTAL	PR	37,210	31,014	52,498	59,980
P-4 DENTIST .3015	PG	1	1	-	-	PERSONNEL-POSTS		2,520	15,714	37,198	44,680
P-4 SANITARY ENGINEER .3027	PR	1	1	1	1	PERSONNEL-CONSULTANTS		28,970	7,200	7,200	7,200
TOTAL		17	4	4	4	DUTY TRAVEL		-	3,000	3,000	3,000
CONSULTANT MONTHS	PR	15	4	4	4	COURSE COSTS		5,720	5,100	5,100	5,100
CONSULTANT MONTHS	PG	2	-	-	-	SUBTOTAL	PG	33,399	36,000	9,437	-
						PERSONNEL-POSTS		18,860	20,000	-	-
						PERSONNEL-CONSULTANTS		3,099	-	-	-
						COURSE COSTS		10,512	12,000	7,000	-
						PUBLICATIONS		928	4,000	2,437	-

AMRO-4410, LABORATORY FOR CONTROL OF DENTAL PRODUCTS

UNTIL RECENTLY, THERE HAS NOT BEEN A PROGRAM FOR THE CONTROL OF THE QUALITY OF DENTAL PRODUCTS, WHICH SHOULD HAVE STRICT SPECIFICATIONS IN ORDER FOR THE DENTAL PROCEDURES PERFORMED BY THE DENTISTS OF LATIN AMERICA TO HAVE MAXIMUM DURATION AND EFFECT.

THE OBJECTIVE OF THIS PROJECT IS TO COOPERATE IN THE CREATION OF REGIONAL CENTERS AND LABORATORIES WHICH WILL BRING ABOUT A COORDINATION BETWEEN MINISTRIES OF PUBLIC HEALTH, SCHOOLS OF DENTISTRY, AND NATIONAL DENTAL ASSOCIATIONS, IN ORDER TO ESTABLISH NATIONAL PROGRAMS THAT WILL 1) PROMOTE THE QUALITY OF MATERIALS USED IN DENTAL TREATMENT PROVIDED BY PUBLIC INSTITUTIONS AND BY DENTISTS IN PRIVATE PRACTICE, 2) CONTROL THE QUALITY OF DENTAL PRODUCTS PRODUCED LOCALLY OR IMPORTED INTO THE COUNTRY, 3) ESTABLISH UP-TO-DATE NATIONAL SPECIFICATIONS FOR DENTAL PRODUCTS, 4) PROVIDE TRAINING FOR TEACHERS AND RESEARCHERS IN DENTAL MATERIALS, AND 5) CONDUCT APPLIED DENTAL MATERIALS RESEARCH.

TOTAL		-	-	2	4	TOTAL	PR	-	-	3,600	7,200
CONSULTANT MONTHS	PR	-	-	2	4	PERSONNEL-CONSULTANTS		-	-	3,600	7,200

AMRO-4411, HUMAN AND MATERIAL RESOURCES IN DENTISTRY

SUFFICIENT DATA ARE AVAILABLE FROM LATIN AMERICA TO DEMONSTRATE THE EXISTENCE OF DENTAL PROBLEMS OF IMMENSE MAGNITUDE. THE PROBLEM IS COMPOUNDED THROUGHOUT THE CONTINENT BY THE SCARCITY OF HUMAN AND MATERIAL RESOURCES TO PROVIDE THE NECESSARY PREVENTIVE, CORRECTIVE, REHABILITATIVE, AND DENTAL HEALTH PROMOTION SERVICES.

THE PURPOSE OF THIS PROJECT IS TO STUDY AND ANALYZE HUMAN AND MATERIAL DENTAL RESOURCES IN THE REGION AND TO ASSIST NATIONAL GOVERNMENTS IN PLANNING THE UTILIZATION OF DENTAL HEALTH RESOURCES IN THE MOST EFFECTIVE AND EFFICIENT MANNER TO MEET THE DENTAL NEEDS OF THE POPULATION THROUGH FULL UTILIZATION OF ALL AVAILABLE RESOURCES.

TOTAL		1	1	1	1	TOTAL	PR	8,797	5,297	5,612	5,928
G-4 SECRETARY .3067	PR	1	1	1	1	PERSONNEL-POSTS		6,637	4,297	4,612	4,928
						DUTY TRAVEL		2,160	1,000	1,000	1,000

AMRO-4412, SEMINAR ON IMPLEMENTATION OF DENTAL HEALTH PROGRAMS

DENTISTS WITH SPECIALTY TRAINING IN PUBLIC HEALTH ARE NOW WORKING IN EVERY COUNTRY OF LATIN AMERICA, AND PROGRAMS OF GREAT POTENTIAL IMPACT FOR DENTAL HEALTH IN LATIN AMERICA HAVE DEVELOPED IN VARIOUS COUNTRIES. IN ORDER TO FURTHER EFFECTIVE IMPLEMENTATION OF DENTAL HEALTH ACTIVITIES IN THE AMERICAS, A WORKSHOP IS PROPOSED TO REVIEW THE MOST ADVANCED PROGRAMS FOR DELIVERY OF DENTAL SERVICES CURRENTLY IN OPERATION IN LATIN AMERICA, THE UNITED STATES OF AMERICA, AND OTHER PARTS OF THE WORLD, AND TO DEVELOP PLANS FOR COORDINATING DENTAL HEALTH PROGRAMS WITHIN NATIONAL HEALTH PLANS.

TOTAL		-	-	-	27	TOTAL	PR	-	-	-	13,573
PARTICIPANTS	PR	-	-	-	27	SEMINAR COSTS		-	-	-	600
						PARTICIPANTS		-	-	-	12,973

AMRO-4500, HEALTH ASPECTS OF RADIATION

THE GROWING USE OF RADIATION AND ISOTOPES IN MEDICINE (BOTH CLINICALLY AND FOR RESEARCH), AS WELL AS IN INDUSTRY, MAKES IT ESSENTIAL THAT THE SAFE APPLICATION OF THESE TOOLS BE ADEQUATELY UNDERSTOOD. FURTHERMORE, IT SEEMS LIKELY THAT NUCLEAR ENERGY WILL BECOME AN IMPORTANT SOURCE OF POWER REQUIRING PROPORTIONATE DEVELOPMENT IN RADIATION PROTECTION.

THE ORGANIZATION IS CARRYING OUT A PROGRAM DESIGNED 1) TO STIMULATE NATIONAL HEALTH SERVICES TO ADOPT INTERNATIONAL STANDARDS AND DEVELOP PROCEDURES AND REGULATIONS FOR RADIATION PROTECTION IN THE USE OF X-RAYS AND RADIOISOTOPES AND FOR THE DISPOSAL OF RADIOACTIVE WASTES; 2) TO PROMOTE THE TEACHING OF BASIC HEALTH PHYSICS AND RADIATION PROTECTION IN PROFESSIONAL SCHOOLS; 3) TO FOSTER THE USE OF RADIOISOTOPES FOR MEDICAL DIAGNOSIS, THERAPY, AND RESEARCH; 4) TO ENCOURAGE RESEARCH IN APPLICATIONS OF RADIATION WHICH MAY HAVE MEDICAL, PUBLIC HEALTH, AND VETERINARY SIGNIFICANCE; 5) TO ORGANIZE TRAINING COURSES FOR PARAPROFESSIONAL PERSONNEL WHO WILL BE WORKING IN NEWLY ORGANIZED RADIATION PROTECTION HEALTH SERVICES; AND 6) TO PROMOTE POSTGRADUATE TRAINING IN MEDICAL USES OF RADIOISOTOPES.

<u>FUND 1969 1970 1971 1972</u>					<u>FUND 1969 1970 1971 1972</u>				
-----					-----				
					WR				
					\$				
TOTAL	-	-	-	1	TOTAL	4,194	23,200	23,200	24,850
-----					-----				
G-40 SECRETARY 4.3458	WR	-	-	1	PERSONNEL-POSTS	-	-	-	1,650
					PERSONNEL-CONSULTANTS	2,978	7,200	7,200	7,200
					SUPPLIES AND EQUIPMENT	1,216	8,000	8,000	8,000
TOTAL		1	4	4	FELLOWSHIPS	-	8,000	8,000	8,000
-----					-----				
CONSULTANT MONTHS	WR	1	4	4					
TOTAL		-	2	2					
-----					-----				
FELLOWSHIPS-ACADEMIC	WR	-	2	2					

AMRO-4507, RADIATION HEALTH PROTECTION

THE VARIOUS HEALTH DEPARTMENTS OF THE AMERICAS HAVE FOR MANY YEARS BEEN FACED WITH THE NEED TO LOOK INTO THE MATTER OF SAFETY, INsofar AS THE USE OF IONIZING RADIATION IS CONCERNED. IT IS APPARENT THAT EVERY HEALTH DEPARTMENT SHOULD ORGANIZE A UNIT WHICH WOULD CONCERN ITSELF WITH RADIATION PROTECTION, AND IT IS TO THIS END THAT THIS PROJECT HAS BEEN ESTABLISHED, SO THAT ADVICE MAY BE PROVIDED DIRECTLY TO THE FIELD.

UNDER THIS PROJECT, THE ORGANIZATION PROVIDES ADVISORY SERVICES IN HEALTH PHYSICS TO MEMBER GOVERNMENTS ON MATTERS RELATING TO THE ESTABLISHMENT AND ORGANIZATION OF RADIOLOGICAL PROTECTION SERVICE UNITS WITHIN MINISTRIES OF PUBLIC HEALTH, PROMOTES THE ADOPTION OF INTERNATIONAL STANDARDS, AND AIDS IN THE DEVELOPMENT OF NATIONAL LEGISLATION AND REGULATIONS FOR RADIATION PROTECTION IN THE USE OF IONIZING RADIATION.

<u>TOTAL 1 1 1 1</u>					<u>TOTAL PR 40,678 38,273 39,161 40,049</u>				
-----					-----				
P-4 HEALTH PHYSICIST .1005	PR	1	1	1	PERSONNEL-POSTS	35,141	20,473	21,361	22,249
					PERSONNEL-CONSULTANTS	-	10,800	10,800	10,800
					DUTY TRAVEL	4,670	5,000	5,000	5,000
TOTAL		-	6	6	SUPPLIES AND EQUIPMENT	867	2,000	2,000	2,000
-----					-----				
CONSULTANT MONTHS	PR	-	6	6					

AMRO-4509, RADIATION SURVEILLANCE

AS A RESULT OF THE EARLIER TESTING OF ATOMIC DEVICES, THE SURVEILLANCE OF AIR, WATER, AND FOOD (ESPECIALLY MILK) HAS BEEN CARRIED OUT AS PART OF THE CUSTOMARY HEALTH DEPARTMENT ACTIVITY WITH RESPECT TO POTENTIAL CONTAMINATION, REGARDLESS OF SOURCE, OF THESE ITEMS.

SERVICES ARE BEING PROVIDED TO THE HEALTH DEPARTMENTS OF THE AMERICAS FOR DETERMINING THE RADIONUCLIDE CONTENT OF FOOD, AIR, AND WATER, WITH THE INTENT THAT THESE DEPARTMENTS CAN THEN DETERMINE WHETHER THESE CONTAMINANTS ARE A HAZARD TO THE PUBLIC HEALTH.

TWELVE SURVEILLANCE STATIONS FOR AIR AND SIX FOR MILK HAVE BEEN ESTABLISHED AND ARE OPERATING IN THE REGION WITH THE COLLABORATION OF THE UNITED STATES PUBLIC HEALTH SERVICE. IT IS ANTICIPATED THAT MOST OF THE COUNTRIES OF THE AMERICAS WILL COME INTO THIS PROGRAM AS A FIRST STEP BEFORE DETERMINING WHETHER THEY SHOULD ESTABLISH THEIR OWN RADIOCHEMISTRY LABORATORIES.

<u>TOTAL PR 155 2,000 2,000 2,000</u>					
-----					
SUPPLIES AND EQUIPMENT		155	2,000	2,000	2,000

AMRO-4511, STUDY GROUP ON RADIATION PROTECTION

THE OBJECTIVES OF THIS MEETING ARE TO DEFINE THE BEST PROCEDURES FOR STRENGTHENING RADIATION PROTECTION PROGRAMS. THEY INCLUDE THE DEFINITION OF THE BASIC COMPONENTS OF SUCH PROGRAMS, PROFESSIONAL AND TECHNICAL TRAINING AND MANPOWER DEVELOPMENT, PREPARATION OF LEGISLATION FOR APPROPRIATE HEALTH CODES, AND COORDINATION OF AGENCIES WORKING IN RELATED FIELDS.

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AMRO-4511, STUDY GROUP ON RADIATION PROTECTION . . . CONTINUED

FUND 1969 1970 1971 1972					FUND 1969 1970 1971 1972					
TOTAL		2	-	-	TOTAL	WR	15,408	-	-	-
CONSULTANT MONTHS	WR	2	-	-	PERSONNEL-CONSULTANTS		3,986	-	-	-
TOTAL		17	-	-	SEMINAR COSTS		7,304	-	-	-
PARTICIPANTS	WR	17	-	-	PARTICIPANTS		4,118	-	-	-

AMRO-4514, NUCLEAR MEDICINE

THE PURPOSE OF THIS PROJECT IS TO COOPERATE WITH INSTITUTIONS OF THE REGION WHICH ARE USING RADIOISOTOPE TECHNIQUES IN CLINICAL INVESTIGATION. THESE INSTITUTIONS FACE COMMON PROBLEMS THAT COULD BE SOLVED OR MODERATED THROUGH A PROGRAM OF COORDINATED SUPPORT. THIS IS TO BE DIRECTED TO IMPROVE COMMUNICATION AMONG PARTICIPANTS, TO SOLVE METHODOLOGICAL AND OPERATIONAL DIFFICULTIES, AND TO STRENGTHEN TRAINING AT UNDERGRADUATE AND POSTGRADUATE LEVELS.

TOTAL					TOTAL					
TOTAL		-	-	2	TOTAL	WR	-	-	-	15,600
CONSULTANT MONTHS	WR	-	-	2	PERSONNEL-CONSULTANTS		-	-	-	3,600
TOTAL		-	-	10	COURSE COSTS		-	-	-	1,000
PARTICIPANTS	WR	-	-	10	SUPPLIES AND EQUIPMENT		-	-	-	8,000
					PARTICIPANTS		-	-	-	3,000

AMRO-4610, MANGANESE POISONING

UNDER A GRANT FROM THE NATIONAL INSTITUTES OF HEALTH, UNITED STATES PUBLIC HEALTH SERVICE, THE ORGANIZATION IS COORDINATING A RESEARCH PROJECT IN THE MECHANISMS BY WHICH CHRONIC INHALATION OF DUSTS CONTAINING MANGANESE INDUCES A SCHIZOPHRENIA-LIKE SYNDROME FOLLOWED BY A PARKINSON'S OR WILSON'S DISEASE-LIKE SYNDROME. THE CATHOLIC UNIVERSITY IN SANTIAGO, CHILE, AND THE BROOKHAVEN NATIONAL LABORATORY IN UPTON, NEW YORK, ARE COLLABORATING IN THIS STUDY.

TOTAL					TOTAL					
TOTAL		5	1	-	TOTAL	PG	62,939	71,408	-	-
CONSULTANT MONTHS	PG	5	1	-	PERSONNEL-CONSULTANTS		4,636	884	-	-
					EQUIP. RENTAL & MAINT.		1,103	2,000	-	-
					CONTRACTUAL SERVICES		2,100	10,650	-	-
					SUPPLIES AND EQUIPMENT		10,374	16,898	-	-
					LEGAL COSTS		44,766	40,976	-	-

AMRO-4700, FOOD AND DRUG CONTROL

IMPROVEMENT OF GOVERNMENTAL SERVICES FOR CONTROL OF THE IMPORTATION, MANUFACTURE, AND DISTRIBUTION OF FOODS AND DRUGS IS AN URGENT REQUIREMENT. THIS PROBLEM HAS BECOME MORE ACUTE IN RECENT YEARS BECAUSE INNOVATIONS IN MANUFACTURING PROCESSES FOR FOODS AND DRUGS HAVE GREATLY INCREASED THE INSPECTORIAL AND TESTING DIFFICULTIES CONFRONTING THE GOVERNMENT FOOD AND DRUG CONTROL OFFICIALS.

THE OVERALL PURPOSE OF THIS PROJECT IS TO ASSIST THE GOVERNMENT AGENCIES BY TRAINING ANALYSTS, INSPECTORS, AND ADMINISTRATIVE OFFICIALS, AND BY PROVIDING EXPERT ADVICE ON THE ORGANIZATION AND OPERATION OF GOVERNMENTAL FOOD AND DRUG CONTROL AGENCIES.

TOTAL					TOTAL					
TOTAL		2	2	2	TOTAL	PR	33,708	35,802	37,138	38,475
P-5 FOOD AND DRUG CONSULTANT	PR	1	1	1	PERSONNEL-POSTS		28,858	28,002	29,338	30,675
.2006					PERSONNEL-CONSULTANTS		184	3,600	3,600	3,600
G-4 SECRETARY	PR	1	1	1	DUTY TRAVFL		4,362	4,000	4,000	4,000
.3216					SUPPLIES AND EQUIPMENT		304	200	200	200
TOTAL		-	2	2						
CONSULTANT MONTHS	PR	-	2	2						

AMRO-4703, FOOD REFERENCE LABORATORY (ZONE 111)

WITH THE ADVENT OF THE CENTRAL AMERICAN COMMON MARKET, MEMBER COUNTRIES HAVE RECOGNIZED THE NEED FOR A UNIFIED SYSTEM OF REGISTRATION AND ANALYSIS OF FOOD AND DRUG PRODUCTS TO ALLOW FOR AN INTERCHANGE OF SUCH PRODUCTS WHICH SATISFY ALL PUBLIC HEALTH STANDARDS. THE MAIN OBJECTIVE OF THIS PROGRAM IS TO COOPERATE IN THE FORMULATION OF REGULATORY UNITS FOR THE REGISTRATION, ANALYSIS, AND NECESSARY FIELD INSPECTION OF ALL FOOD AND DRUG PRODUCTS, INCLUDING TECHNICAL ASSISTANCE AND SUPERVISION OF PROCESSING PLANTS AND MANUFACTURING METHODS.

FOLLOWING THE RECOMMENDATIONS OF THE VIII AND IX MEETINGS OF MINISTERS OF PUBLIC HEALTH OF CENTRAL AMERICA AND PANAMA, THE ORGANIZATION PROVIDED ALMOST 400 MINIMUM SANITARY STANDARDS FOR FOODS. THE X MEETING OF MINISTERS RECOMMENDED THE INCORPORATION OF THESE STANDARDS INTO THE SANITARY LEGISLATION OF EACH COUNTRY AND THE ESTABLISHMENT OF MINIMUM REGULATORY UNITS. A FOOD ANALYSIS LABORATORY WHICH WILL ACT AS A REFERENCE LABORATORY FOR CENTRAL AMERICA AND PANAMA IS LOCATED AT INCAP.

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AMRO-4703, FOOD REFERENCE LABORATORY (ZONE III) . . . CONTINUED

<u>FUND 1969 1970 1971 1972</u>					<u>FUND 1969 1970 1971 1972</u>						
TOTAL		1	3	3	3	TOTAL		34,396	47,359	51,851	54,029
P-4 LABORATORY ADVISER .2033	PR	1	1	1	1	SUBTOTAL	PR	24,532	37,359	41,851	44,029
P-2 LABORATORY ADVISER .3535	PR	-	1	1	1	PERSONNEL-POSTS		23,599	34,859	39,351	41,529
G-4 LABORATORY ASSISTANT .3536	PR	-	1	1	1	DUTY TRAVEL		933	-	-	-
						LOCAL COSTS		-	2,500	2,500	2,500
						SUBTOTAL	WR	9,864	10,000	10,000	10,000
						DUTY TRAVEL		75	-	-	-
						CONTRACTUAL SERVICES		1,659	-	-	-
						SUPPLIES AND EQUIPMENT		8,130	10,000	10,000	10,000

AMRO-4708, FOOD HYGIENE TRAINING CENTER

IN THE PAST FEW YEARS, THE MINISTERS OF HEALTH HAVE SHOWN A GREATER INTEREST IN PROBLEMS RELATED TO FOOD HYGIENE, BUT THE ACTIVITIES CARRIED OUT HAVE BEEN LIMITED DUE TO THE LACK OF PROPERLY TRAINED PERSONNEL. THIS PROBLEM HAS INCREASED WITH THE GROWTH OF FOOD INDUSTRIES IN THE COUNTRIES OF THE CONTINENT BEYOND THE LIMITS OF THE TECHNICAL AND SANITARY CONTROL OF THE EXISTING HEALTH SERVICES.

THE MAIN OBJECTIVE OF THIS PROJECT IS TO USE THE EXISTING FACILITIES IN ONE COUNTRY TO ESTABLISH A CENTER FOR TRAINING IN FOOD HYGIENE. THE CENTER WILL PROVIDE INSTRUCTION ON INSPECTION AND CONTROL TECHNIQUES, AS WELL AS IN THE BASIC PRINCIPLES OF FOOD TECHNOLOGY. THE PROGRAM OF THE CENTER WOULD GIVE ADVANCED TRAINING FOR PROFESSIONALS AND BASIC COURSES FOR INSPECTORS. IN ADDITION TO THIS, CONSULTING SERVICES IN SPECIFIC PROBLEMS WILL BE FURNISHED AT THE REQUEST OF THE GOVERNMENTS.

TOTAL		-	-	1	1	TOTAL	WR	-	-	24,044	34,618
P-4 TRAINING OFFICER 4.3439	WR	-	-	1	1	PERSONNEL-POSTS		-	-	10,644	21,218
						PERSONNEL-CONSULTANTS		-	-	5,400	5,400
						DUTY TRAVEL		-	-	1,000	1,000
TOTAL		-	-	3	3	SUPPLIES AND EQUIPMENT		-	-	2,000	2,000
						GRANTS		-	-	5,000	5,000
CONSULTANT MONTHS	WR	-	-	3	3						

AMRO-4709, DRUG CONTROL CENTER

THE CONTROL OF THE QUALITY OF PHARMACEUTICAL PREPARATIONS PRESENTS DIFFICULTIES IN MANY COUNTRIES, PARTICULARLY WITH THE INCREASING NUMBER OF PRODUCTS AND SPECIALTIES NOW IN INTERNATIONAL COMMERCE AND WITH PHARMACEUTICAL PRODUCTS MADE LOCALLY IN DIFFERENT COUNTRIES FOR THE INTERNATIONAL MARKET. THIS ISSUE WAS EMPHASIZED IN A REPORT, PRESENTED BY THE DIRECTOR-GENERAL OF THE WORLD HEALTH ORGANIZATION AT THE WORLD HEALTH ASSEMBLY, POINTING OUT UNSATISFACTORY SITUATIONS THAT EXIST IN REGARD TO THE QUALITY CONTROL OF PHARMACEUTICAL PREPARATIONS MOVING IN INTERNATIONAL COMMERCE.

THE ORGANIZATION HAS STUDIED THE POSSIBILITY OF ESTABLISHING AN INTERNATIONAL CENTER TO HELP THE COUNTRIES IMPROVE THEIR DRUG QUALITY CONTROL AND HAS BEGUN A STUDY ON THE ORGANIZATION, FINANCING, AND LOCATION OF A LABORATORY OF THIS KIND. URUGUAY HAS OFFERED TO SERVE AS HOST COUNTRY FOR THE LABORATORY AND IS PREPARING PLANS TO HOUSE THIS INSTITUTION.

TOTAL		-	4	4	4	TOTAL	WR	-	7,200	7,200	7,200
CONSULTANT MONTHS	WR	-	4	4	4	PERSONNEL-CONSULTANTS		-	7,200	7,200	7,200

AMRO-4710, FOOD AND DRUG ADMINISTRATION (ZONE III)

THE PURPOSE OF THIS PROJECT IS TO STIMULATE THE CREATION OR IMPROVEMENT IN EACH COUNTRY OF ZONE III OF A UNIT FOR THE CONTROL, REGISTRATION AND ADMINISTRATION OF FOOD AND DRUGS, INCLUDING A CORPS OF INSPECTORS AND ADMINISTRATORS AND THE SUPERVISION OF PROCESSING PLANTS AND MANUFACTURING METHODS, AND TO ASSIST IN THE TRAINING OF PERSONNEL. A RELATED OBJECTIVE IS TO ASSIST GOVERNMENTS IN CREATING OR IMPROVING LEGISLATION, INCLUDING ADOPTION OF STANDARDS, FOR FOOD AND DRUG ADMINISTRATION.

TOTAL		-	2	2	2	TOTAL	WR	3,050	3,600	3,600	3,600
CONSULTANT MONTHS	WR	-	2	2	2	PERSONNEL-CONSULTANTS PARTICIPANTS		-	3,600	3,600	3,600
TOTAL		13	-	-	-			3,050	-	-	-
PARTICIPANTS	WR	13	-	-	-						

AMRO-4711, FOOD AND DRUG CONTROL SEMINAR

INNOVATIONS IN THE TECHNOLOGY OF FOOD AND DRUG PRODUCTION HAVE CREATED MANY NEW PROBLEMS FOR THE FOOD AND DRUG CONTROL OFFICIALS OF THE COUNTRIES. AMONG THESE PROBLEMS ARE THE NEED FOR UPDATED FOOD AND DRUG CONTROL LAWS AND UNIFORM STANDARDS FOR NEWLY DEVELOPED FOODS AND DRUGS.

THE PURPOSE OF THIS PROJECT IS TO MAKE A STUDY OF IMMEDIATE AND LONG-TERM NEEDS FOR PROVIDING THE COUNTRIES OF THE AMERICAS WITH ADEQUATE SERVICES FOR THE QUALITY CONTROL OF FOODS AND DRUGS. THE SEMINAR WILL DISCUSS 1) CURRENT PROBLEMS AFFECTING THE FOOD AND DRUG CONTROL ORGANIZATIONS OF THE VARIOUS COUNTRIES TO DELINEATE THOSE PROBLEM AREAS WHICH CAN BE SOLVED BY JOINT ACTION, INCLUDING ASSISTANCE FROM PAHO, 2) THE FOOD STANDARDS PROMULGATED BY THE WHO/FAO CODEX ALIMENTARIUS COMMITTEE, AND 3) THE FOOD STANDARDS THAT HAVE BEEN ADOPTED UNIFORMLY BY THE COUNTRIES OF CENTRAL AMERICA.

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
								\$	\$	\$	\$
TOTAL		-	2	-	-	TOTAL	PR	-	18,543	-	-
CONSULTANT MONTHS	PR	-	2	-	-	PERSONNEL-CONSULTANTS		-	3,600	-	-
TOTAL		-	24	-	-	SEMINAR COSTS		-	1,300	-	-
PARTICIPANTS	PR	-	24	-	-	PARTICIPANTS		-	13,643	-	-

AMRO-4800, MEDICAL CARE SERVICES

THIS IS A LONG-TERM PROJECT WHOSE MAIN OBJECTIVE IS TO PROMOTE THE DEVELOPMENT OF MEDICAL CARE SERVICES, INCLUDING HOSPITALS, AS A PART OF NATIONAL HEALTH PLANS. THE INCREASING DEMAND FOR THESE SERVICES AND FOR ADEQUATE RESOURCES TO MEET THE HIGH COST OF PROVIDING GOOD QUALITY SERVICES TO THE POPULATION MAKE NATIONAL HEALTH ADMINISTRATION CONSCIOUS OF THE IMPORTANCE OF FINDING SOLUTIONS FOR THE MULTIPLE PROBLEMS INVOLVED IN THE PLANNING, COORDINATION, ADMINISTRATION, AND STAFFING OF MEDICAL CARE SERVICES. THIS PROJECT IS A RESPONSE TO THE NUMEROUS REQUESTS RECEIVED FROM VARIOUS COUNTRIES TO GIVE ASSISTANCE IN THE ABOVE-MENTIONED FIELDS.

ZONE CONFERENCES WILL BE HELD IN EACH OF THE YEARS 1970-1972 TO REVIEW THE REPORT OF THE STUDY GROUP ON COORDINATION OF MEDICAL CARE HELD IN 1969 AND TO LOOK FOR PRACTICAL MEANS OF APPLYING THE RECOMMENDATIONS OF THIS GROUP.

		2	2	2	2			40,509	24,566	34,181	34,798
TOTAL						TOTAL					
G-6 CLERK .2139	PR	1	1	1	1	SUBTOTAL	PR	14,028	15,566	16,181	16,798
G-4 SECRETARY .2007	PR	1	1	1	1	PERSONNEL-POSTS		12,060	13,566	14,181	14,798
TOTAL		9	5	10	10	SUPPLIES AND EQUIPMENT		1,968	2,000	2,000	2,000
CONSULTANT MONTHS	WR	9	5	10	10	SUBTOTAL	WR	26,481	9,000	18,000	18,000
						PERSONNEL-CONSULTANTS		21,365	9,000	18,000	18,000
						SEMINAR COSTS		5,116	-	-	-

AMRO-4801, MEDICAL CARE SERVICES (ZONE I)

THE PURPOSE OF THIS PROJECT IS TO ASSIST THE ENGLISH-SPEAKING COUNTRIES IN ZONE I IN ORGANIZING HOSPITAL AND MEDICAL CARE SERVICES FOR EFFICIENT AND EFFECTIVE COVERAGE OF DEMANDS, BOTH QUALITATIVELY AND QUANTITATIVELY; IN ORGANIZING SYSTEMS FOR ADMINISTRATION COMPATIBLE WITH CAPACITIES AND ASPIRATIONS OF THE COUNTRIES; AND IN INCREASING TRAINING AND UTILIZATION OF MEDICAL AND NON-MEDICAL SPECIALISTS IN ADMINISTRATION.

THE IMMEDIATE GOALS ARE TO DIAGNOSE THE STATUS OF HOSPITAL AND MEDICAL CARE ADMINISTRATION IN COLLABORATION WITH COUNTRY COORDINATING, ADMINISTRATIVE METHODS, AND HOSPITAL ADMINISTRATION PROJECTS, AND WITH THE MEDICAL AND PUBLIC ADMINISTRATION FACILITIES OF THE UNIVERSITY OF THE WEST INDIES; TO ANALYZE MANPOWER AND RESOURCES IN HOSPITAL AND MEDICAL CARE ADMINISTRATION, IN COLLABORATION WITH THE NATIONAL HEALTH MANPOWER STUDIES, WITH THE UNIVERSITY OF THE WEST INDIES, AND WITH THE ZONE I PROGRAM ON HEALTH AND HUMAN RESOURCES DEVELOPMENT; AND TO PROVIDE TECHNICAL CONSULTATION IN SUPPORT AND CONTINUATION OF COUNTRY PROJECTS.

		-	-	1	1			-	-	11,644	24,218
TOTAL						TOTAL	WR				
000 .0000	WR	-	-	-	-	PERSONNEL-POSTS		-	-	10,644	21,218
P-4 MEDICAL OFFICER 4.3580	WR	-	-	1	1	DUTY TRAVEL		-	-	1,000	3,000

AMRO-4802, MEDICAL CARE SERVICES (ZONE II)

THE OBJECTIVES OF THIS PROJECT ARE TO ASSIST GOVERNMENTS IN MAKING AN ASSESSMENT OF THE MEDICAL CARE SERVICES AVAILABLE AND OF THEIR UTILIZATION, IN IMPROVING THEIR ORGANIZATIONS AND COORDINATING THEM WITH THE GENERAL HEALTH SERVICES, IN FORMULATING STANDARDS FOR MEDICAL CARE, AND IN TRAINING PERSONNEL.

		-	3	-	3			-	5,400	-	5,400
TOTAL						TOTAL	PR				
CONSULTANT MONTHS	PR	-	3	-	3	PERSONNEL-CONSULTANTS		-	5,400	-	5,400

AMRO-4803, MEDICAL CARE SERVICES (ZONE III)

THE OBJECTIVE OF THIS PROJECT IS TO RENDER ASSISTANCE TO GOVERNMENTS IN PROBLEMS CONNECTED WITH THE DEVELOPMENT OF MEDICAL CARE SERVICES, PARTICULARLY IN RELATION TO INTEGRATION OF ALL SERVICES WITHIN THE FRAMEWORK OF GENERAL HEALTH PROGRAMS, AND TO ASSIST IN THE FORMULATION OF MEDICAL CARE STANDARDS AND IN THE IMPROVEMENT OF THE ORGANIZATION AND ADMINISTRATION OF MEDICAL CARE SERVICES.

<u>FUND 1969 1970 1971 1972</u>					<u>FUND 1969 1970 1971 1972</u>						
TOTAL		1	1	1	1	TOTAL	PR	24,975	25,473	26,361	27,249
P-4 MEDICAL OFFICER .0899	PR	1	1	1	1	PERSONNEL-POSTS DUTY TRAVEL		19,002 5,973	20,473 5,000	21,361 5,000	22,249 5,000

AMRO-4804, MEDICAL CARE SERVICES (ZONE IV)

THE PURPOSE OF THIS PROJECT IS TO COOPERATE WITH GOVERNMENTS IN PROMOTING THE INTEGRATION OF MEDICAL CARE SERVICES INTO THE GENERAL HEALTH PROGRAM AND IN THE DEVELOPMENT OF STANDARDS FOR HEALTH CARE AND THEIR UTILIZATION IN HOSPITALS AND HEALTH CENTERS. THE PROGRAM ALSO IS CONCERNED WITH ASSISTING GOVERNMENTS IN DEVELOPING AND APPLYING STANDARDS FOR NEW HOSPITAL CONSTRUCTION AND FOR MAXIMUM USE OF EXISTING FACILITIES.

<u>FUND 1969 1970 1971 1972</u>					<u>FUND 1969 1970 1971 1972</u>						
TOTAL		2	2	2	2	TOTAL	PR	26,343	26,464	27,651	28,853
P-4 MEDICAL OFFICER .0911	PR	1	1	1	1	PERSONNEL-POSTS DUTY TRAVEL		24,678 1,665	24,314 2,000	25,501 2,000	26,703 2,000
G-5 SECRETARY .1061	PR	1	1	1	1	SUPPLIES AND EQUIPMENT		-	150	150	150

AMRO-4810, CHRONIC DISEASES

CHRONIC DISEASES ARE BECOMING INCREASINGLY IMPORTANT IN LATIN AMERICA AS OTHER CAUSES OF MORBIDITY AND MORTALITY, PARTICULARLY INFECTIOUS DISEASES, ARE BROUGHT UNDER CONTROL. THE SAME EVOLUTION OF DISEASE PATTERNS WHICH HAS BEEN OCCURRING IN HIGHLY INDUSTRIALIZED COUNTRIES WILL BE REPEATED. THE INTER-AMERICAN INVESTIGATION OF MORTALITY HAS SHOWN THAT CANCER, HEART DISEASE, STROKES, AND DIABETES ARE EVEN NOW THE MAJOR CAUSES OF DEATH DURING ADULT LIFE IN A NUMBER OF LARGE CITIES IN SEVERAL COUNTRIES.

THE PURPOSE OF THIS PROJECT IS TO ASSIST GOVERNMENTS, ON REQUEST, IN EVALUATING THE PROBLEM IN THEIR OWN COUNTRIES AND IN DEVELOPING PROJECTS FOR PREVENTION AND CONTROL OF THESE DISEASES.

<u>FUND 1969 1970 1971 1972</u>					<u>FUND 1969 1970 1971 1972</u>						
TOTAL		2	2	2	2	TOTAL	PR	25,189	31,002	32,338	33,675
P-5 REG. ADV. - CHRONIC DIS. .0974	PR	1	1	1	1	PERSONNEL-POSTS DUTY TRAVEL		22,012 3,120	28,002 3,000	29,338 3,000	30,675 3,000
G-4 SECRETARY .2014	PR	1	1	1	1	SUPPLIES AND EQUIPMENT		57	-	-	-

AMRO-4813, HOSPITAL PLANNING AND ADMINISTRATION

THE COST OF PROVIDING ADDITIONAL PERSONNEL AND FACILITIES ESSENTIAL FOR HEALTH PROGRAMS IN THE REGION INDICATES THE IMPORTANCE OF INCREASING THE OUTPUT OF THE PRESENT HEALTH SERVICES. THIS WAS RECOGNIZED IN THE CHARTER OF PUNTA DEL ESTE, WHICH STRESSED OBTAINING BETTER RETURNS FROM MEDICAL CARE SERVICES. THE SHORTAGE IN MEDICAL AND RELATED HEALTH PERSONNEL AND FACILITIES IN THE AMERICAS, PARTICULARLY IN RURAL AREAS, IS ACUTE.

IN PLANNING HOSPITAL CARE IN LATIN AMERICA, ADDITIONAL BEDS MUST BE PROVIDED, BUT AT THE SAME TIME FULL UTILIZATION OF THE PRESENTLY INSTALLED CAPACITY IS DESIRABLE. OUT-PATIENT CLINICS CAN BE USED FOR DIAGNOSTIC PROCEDURES AND NURSING HOMES FOR CONVALESCENT CARE. BY DIAGNOSING AND TREATING PATIENTS AS RAPIDLY AND AS EFFICIENTLY AS POSSIBLE, THE LENGTH OF STAY CAN BE KEPT TO A MINIMUM, THUS OBTAINING THE BEST POSSIBLE RETURN FROM THE INVESTMENT.

SERVICES IN THESE FIELDS HAVE BEEN SOLICITED BY THE COUNTRIES OF LATIN AMERICA AS ONE OF THEIR MOST PRESSING AND RECOGNIZED NEEDS. THE SCARCITY OF AVAILABLE RESOURCES, THE PRESSURE OF THE DEMAND, AND THE SIZE OF UNMET NEEDS MAKE MEDICAL CARE "THE OLDEST, THE MOST CONTINUOUS, UNAVOIDABLE, AND COSTLY OF ALL HEALTH FUNCTIONS."

THE PROJECT IS INTENDED TO GIVE ASSISTANCE TO COUNTRIES IN THE IMPROVEMENT OF PRESENT HOSPITAL AND MEDICAL CARE FACILITIES, THE ESTABLISHMENT OF MAINTENANCE PROGRAMS, AND THE FUNCTIONAL PROGRAMING OF NEW FACILITIES TO MEET THE INCREASING DEMAND FOR SERVICES.

<u>FUND 1969 1970 1971 1972</u>					<u>FUND 1969 1970 1971 1972</u>						
TOTAL		2	2	2	2	TOTAL		29,002	37,970	69,773	70,977
P-4 MAINTENANCE ENGINEER .2012	PR	1	1	1	1	SUBTOTAL	PR	29,002	30,770	31,973	33,177
G-4 SECRETARY .2162	PR	1	1	1	1	PERSONNEL-POSTS PERSONNEL-CONSULTANTS DUTY TRAVEL SUPPLIES AND EQUIPMENT		24,205 167 3,837 793	24,770 - 4,000 2,000	25,973 - 4,000 2,000	27,177 - 4,000 2,000
TOTAL		1	4	21	21	SUBTOTAL	WR	-	7,200	37,800	37,800
CONSULTANT MONTHS	PR	1	-	-	-	PERSONNEL-CONSULTANTS		-	7,200	37,800	37,800
CONSULTANT MONTHS	WR	-	4	21	21						







AMRO-5000, REHABILITATION

THE OBJECTIVES OF THIS PROJECT ARE TO ENSURE THAT HEALTH AUTHORITIES ARE AWARE OF THE ADMINISTRATION, METHODOLOGY, AND TECHNIQUES WHICH ARE CURRENTLY AVAILABLE IN THE FIELD OF REHABILITATION AND TO IMPLEMENT APPROPRIATE COUNTRY PROGRAMS TO ENSURE THAT MODERN TECHNIQUES AND IDEAS ARE APPLIED BOTH FOR THE PREVENTION AND CARE OF DISABILITY.

ADVISORY SERVICES IN THE FIELD OF PROSTHESIS AND ORTHESIS HAVE BEEN REQUESTED BY AN INCREASING NUMBER OF COUNTRIES. THE MANUFACTURE OF ARTIFICIAL LIMBS HAS BECOME A BASIC NEED IN MANY COUNTRIES WITHIN THE OBJECTIVES OF INDUSTRIAL DEVELOPMENT AND AS A MEANS TO OBTAIN LOCALLY INDISPENSABLE DEVICES FOR THE REHABILITATION OF THE LOCOMOTOR SYSTEM. ACCORDINGLY, PROVISION IS MADE FOR A POST OF PROSTHETICS TECHNICIAN IN ORDER TO MEET NUMEROUS REQUESTS FROM VARIOUS COUNTRIES.

					FUND	1969	1970	1971	1972						
						-----	-----	-----	-----	TOTAL		-----	-----	-----	-----
						\$	\$	\$	\$			\$	\$	\$	\$
TOTAL						23,065	53,191	70,681	69,670	TOTAL					
P-5 MEDICAL OFFICER .0609	PR	1	1	1	1	23,065	26,705	27,726	28,747	SUBTOTAL	PR	23,065	26,705	27,726	28,747
P-3 PROSTHETICS TECHNICIAN 4.3106	WR	1	1	1	1					PERSONNEL-POSTS		20,435	23,705	24,726	25,747
TOTAL		-	4	11	11					DUTY TRAVEL		2,630	3,000	3,000	3,000
CONSULTANT MONTHS	WR	-	4	11	11		26,486	42,955	40,923	SUBTOTAL	WR	-	26,486	42,955	40,923
								17,286	21,155	PERSONNEL-POSTS		-	17,286	21,155	19,123
								7,200	19,800	PERSONNEL-CONSULTANTS		-	7,200	19,800	19,800
								2,000	2,000	DUTY TRAVEL		-	2,000	2,000	2,000

AMRO-5007, TEACHING OF PHYSIOTHERAPY

DURING THE PAST TEN YEARS, SEVERAL SCHOOLS OF PHYSIOTHERAPY HAVE BEEN CREATED IN LATIN AMERICA. THESE SCHOOLS HAVE DIRECTED THEIR ATTENTION ALMOST EXCLUSIVELY TO TEACHING PRACTITIONERS, AND NONE HAVE PAID ATTENTION TO THE PREPARATION OF TEACHERS, WITH THE RESULT THAT STUDENTS ARE LESS WELL-TRAINED THAN WOULD BE POSSIBLE WITH PREPARED TEACHERS. TO DATE, TRAINING FOR PROFESSORS OF PHYSIOTHERAPY IS NOT GIVEN IN SPANISH.

THE PURPOSE OF THIS PROJECT IS TO PREPARE A GROUP OF PHYSIOTHERAPISTS FROM LATIN AMERICA AS PROFESSORS THROUGH A TWELVE-MONTH COURSE DEVELOPED IN MEXICO IN 1969.

					TOTAL	WR	-----	-----	-----	-----
TOTAL		12	-	-	-	19,076	-	-	-	
CONSULTANT MONTHS	WR	12	-	-	-	16,377	-	-	-	
						2,699	-	-	-	

AMRO-5008, SEMINAR ON REHABILITATION

DURING THE RECENT PAST, THE DEVELOPMENT OF REHABILITATION SERVICES HAS BEEN WIDESPREAD IN LATIN AMERICA. PROGRAMS HAVE BEEN STARTED IN MANY COUNTRIES AND TRAINING SCHEMES SET UP FOR MEDICAL AND PARAMEDICAL WORKERS IN PHYSICAL AND PSYCHOLOGICAL REHABILITATION AND FOR APPROPRIATE PERSONNEL IN VOCATIONAL REHABILITATION.

IN 1970, IT IS PROPOSED TO HOLD A SEMINAR TO STUDY REHABILITATION PROGRAMS IN DIFFERENT COUNTRIES OF LATIN AMERICA, TO EVALUATE THE EXPERIENCE SO FAR COLLECTED, TO DEFINE THE ROLE OF GOVERNMENTS AND PRIVATE AGENCIES IN DEVELOPING REHABILITATION PROGRAMS, AND TO DESIGN A PROGRAM FOR FUTURE ACTION IN THE ORGANIZATION OF SERVICES AND DEVELOPMENT OF TRAINING AND RESEARCH, TAKING INTO CONSIDERATION THE AVAILABLE RESOURCES OF TECHNICAL ASSISTANCE AND REGIONAL COOPERATION.

IT IS EXPECTED THAT THE UNITED NATIONS BUREAU OF SOCIAL AFFAIRS WILL PARTICIPATE IN THE PROGRAM.

					TOTAL	WR	-----	-----	-----	-----
TOTAL		-	3	-	-	-	24,900	-	-	
CONSULTANT MONTHS	WR	-	3	-	-	-	5,400	-	-	
TOTAL		-	50	-	-	-	2,000	-	-	
PARTICIPANTS	WR	-	50	-	-	-	17,500	-	-	

AMRO-6000, MEDICAL EDUCATION: TEXTBOOKS AND TEACHING MATERIALS

THE PURPOSE OF THIS PROJECT IS TO RAISE THE LEVEL OF MEDICAL EDUCATION IN LATIN AMERICA. ITS MAIN OBJECTIVES ARE TO PROVIDE UNDERGRADUATE STUDENTS OF APPROXIMATELY 150 MEDICAL SCHOOLS IN LATIN AMERICA WITH LOW-COST TEXTBOOKS IN 22 SUBJECT FIELDS; TO REVISE THE CURRENT UNDERGRADUATE CURRICULA AND REORGANIZE ITS CONTENT AND TEACHING METHODS AND PROCEDURES WITH A VIEW TO PRODUCING A PHYSICIAN BETTER ABLE TO DEAL WITH THE HEALTH PROBLEMS OF LATIN AMERICAN COUNTRIES; AND TO ESTABLISH A PERMANENT AND SELF-SUSTAINING FUND FOR THE ACHIEVEMENT OF THE OBJECTIVES SET.

BASIC AGREEMENTS HAVE BEEN SIGNED WITH 18 LATIN AMERICAN GOVERNMENTS, AND LETTER-AGREEMENTS HAVE BEEN SIGNED WITH THE UNIVERSITIES PARTICIPATING IN THE PROGRAM.

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## AMRO-6000, MEDICAL EDUCATION: TEXTBOOKS AND TEACHING MATERIALS . . . CONTINUED

	FUND	1969	1970	1971	1972	TOTAL	FUND	1969	1970	1971	1972
TOTAL		5	5	5	6	TOTAL	PR <sup>xx</sup>	211,928	100,000	100,000	120,000
P-4 MEDICAL OFFICER .3123	PR	1	1	1	1	PERSONNEL-POSTS		45,146	53,644	60,550	76,515
P-2 ADMINISTRATIVE OFFICER .3614	PR	-	-	-	1	PERSONNEL-CONSULTANTS		11,787	25,200	25,200	25,200
G-8 ACCOUNTING TECHNICIAN .3404	PR	1	1	1	1	DUTY TRAVEL		1,165	2,000	2,000	2,000
G-8 ADMINISTRATIVE TECHNICIAN .3355	PR	1	1	1	1	PUBLICATIONS		145,830	11,156	4,250	8,285
G-6 CLERK .3349	PR	1	1	1	1	GRANTS		8,000	8,000	8,000	8,000
G-4 SECRETARY .3168	PR	1	1	1	1						
TOTAL		5	14	14	14						
CONSULTANT MONTHS	PR	5	14	14	14						

<sup>xx</sup>SEE SPECIAL FUND FOR HEALTH PROMOTION, PART IV.

## AMRO-6100, SCHOOLS OF PUBLIC HEALTH

AT PRESENT, THERE ARE 28 SCHOOLS OF PUBLIC HEALTH IN THE REGION - SIXTEEN IN THE UNITED STATES OF AMERICA, TEN IN LATIN AMERICA, AND TWO IN CANADA.

THE GREATER PART OF THE PUBLIC HEALTH SCHOOLS WHICH NEED THE ASSISTANCE OF THE ORGANIZATION ALREADY HAVE SPECIAL PROGRAMS UNDER THEIR RESPECTIVE AGREEMENTS. NEVERTHELESS, IN ORDER TO MEET UNFORESEEN SITUATIONS AND TO RESPOND TO GOVERNMENTAL REQUESTS FOR ASSISTANCE AND FOR PROGRAMS FOR NEW SCHOOLS AND OTHERS NOT RECEIVING HELP THROUGH EXISTING PROGRAMS, FUNDS ARE AVAILABLE IN THIS PROJECT FOR VISITING PROFESSORS, SHORT-TERM CONSULTANTS, AND A LIMITED QUANTITY OF TEACHING SUPPLIES. IT IS ALSO PLANNED TO CONVENE A SMALL ADVISORY GROUP TO ANALYZE THE PRESENT STATUS OF AND TRENDS IN TEACHING PUBLIC HEALTH AND TO MAKE RECOMMENDATIONS IF NEEDED.

	FUND	1969	1970	1971	1972	TOTAL	FUND	1969	1970	1971	1972
TOTAL		2	2	2	2	TOTAL		30,842	50,932	44,961	51,592
P-5 MEDICAL OFFICER .3272	PR	1	1	-	-	SUBTOTAL	PR	29,559	26,705	5,854	6,097
P-5 MEDICAL OFFICER 4.0055	WR	1	1	1	1						
G-5 SECRETARY .3455	PR	-	-	1	1	PERSONNEL-POSTS		22,095	23,705	5,854	6,097
TOTAL		1	1	4	6	DUTY TRAVEL		7,464	3,000	-	-
CONSULTANT MONTHS	WR	1	1	4	6	SUBTOTAL	WR	1,283	24,227	39,107	45,495
						PERSONNEL-POSTS					
						PERSONNEL-CONSULTANTS		-	17,427	24,907	27,695
						DUTY TRAVEL		1,274	1,800	7,200	10,800
						DUTY TRAVEL		-	3,000	3,000	3,000
						SUPPLIES AND EQUIPMENT		9	2,000	4,000	4,000

## AMRO-6101, HUMAN RESOURCES PROGRAM IN THE CARIBBEAN

THE FIRST CARIBBEAN HEALTH MINISTERS CONFERENCE, HELD IN PORT OF SPAIN IN FEBRUARY 1969, CONSIDERED THE URGENCY OF MEETING HEALTH MANPOWER NEEDS IN THE AREA. IT RECOMMENDED STUDIES ORIENTED TOWARD ASSEMBLING AVAILABLE DATA ON HEALTH MANPOWER IN THE AREA; DESIGNING SIMPLE METHODS FOR THE COLLECTION OF RELEVANT INFORMATION; PLANNING SIMPLE MORBIDITY SURVEYS THAT COULD GIVE IMMEDIATE EFFECTIVE ASSISTANCE IN THE FIELD; IMPROVEMENT AND EXTENSION OF EXISTING PROGRAMS; AND ANALYSIS OF AVAILABLE RESOURCES FOR LONG-RANGE PROGRAMS OF HUMAN RESOURCES DEVELOPMENT.

THE PURPOSE OF THIS PROJECT IS TO PROVIDE ASSISTANCE FOR THE DEVELOPMENT AND EVALUATION OF LONG-RANGE PLANS FOR STRENGTHENING OF HEALTH MANPOWER RESOURCES IN THE CARIBBEAN THROUGH COLLABORATIVE EFFORTS OF THE UNIVERSITY OF THE WEST INDIES AND THE GOVERNMENT CONCERNED. THE MILBANK MEMORIAL FUND SUPPORTS THIS PROJECT.

	FUND	1969	1970	1971	1972	TOTAL	FUND	1969	1970	1971	1972
TOTAL		-	4	4	4	TOTAL		7,857	54,600	79,600	49,600
P-5 MEDICAL OFFICER .3482	PG	-	1	1	1	SUBTOTAL	PG	-	50,000	75,000	45,000
G-5 CLERK .3530	PG	-	1	1	1						
G-5 SECRETARY .3529	PG	-	1	1	1	PERSONNEL-POSTS		-	29,805	32,826	34,547
G-2 CHAUFFEUR .3538	PG	-	1	1	1	PERSONNEL-CONSULTANTS		-	7,200	30,600	1,800
TOTAL		2	6	19	3	DUTY TRAVEL		-	4,200	4,200	4,200
CONSULTANT MONTHS	PG	-	4	17	1	SEMINAR COSTS		-	5,000	3,624	827
CONSULTANT MONTHS	WR	2	2	2	2	COMMON SERVICES		-	3,795	3,750	3,626
						SUBTOTAL	WR	7,857	4,600	4,600	4,600
						PERSONNEL-CONSULTANTS		4,353	3,600	3,600	3,600
						SUPPLIES AND EQUIPMENT		3,504	1,000	1,000	1,000

AMRO-6107, SEMINARS ON SCHOOLS OF PUBLIC HEALTH

THIS PROJECT PROVIDES THE SERVICES OF REGIONAL STAFF AND CONSULTANTS FOR THE PREPARATION OF SEMINARS ON SCHOOLS OF PUBLIC HEALTH EVERY TWO YEARS TO DISCUSS COMMON PROBLEMS AND REVIEW SPECIALIZED FIELDS OF TEACHING. IN 1969, THE DISCUSSIONS CENTERED ON THE FUNCTIONS OF THE SCHOOLS OF PUBLIC HEALTH IN THE FACE OF SOCIOECONOMIC CHANGES IN LATIN AMERICA.

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
								\$	\$	\$	\$
TOTAL		-	-	3	-	TOTAL	WR	8,634	-	17,600	-
CONSULTANT MONTHS	WR	-	-	3	-	PERSONNEL-CONSULTANTS		-	-	5,400	-
TOTAL		37	-	28	-	SEMINAR COSTS		1,716	-	1,500	-
PARTICIPANTS	WR	37	-	28	-	PARTICIPANTS		6,918	-	10,700	-

AMRO-6200, MEDICAL EDUCATION

THIS PROGRAM FURNISHES ASSISTANCE TO MEDICAL SCHOOLS THROUGH THE PROVISION OF SHORT-TERM CONSULTANTS, VISITING PROFESSORS, AND TRAVEL GRANTS TO DEANS AND SENIOR FACULTY MEMBERS FOR OBSERVATION OF TEACHING METHODS AND CURRICULUM PLANNING. IT IS A LONG-RANGE PROJECT FOR IMPROVING MEDICAL EDUCATION IN LATIN AMERICA AND IS CLOSELY COORDINATED WITH THE ACTIVITIES OF A NUMBER OF NONGOVERNMENTAL AND BILATERAL AGENCIES IN THE FIELD OF EDUCATION IN THE HEALTH PROFESSIONS.

PAHO, IN COLLABORATION WITH THE PAN AMERICAN FEDERATION OF ASSOCIATIONS OF MEDICAL SCHOOLS FACULTIES, PUBLISHES A QUARTERLY JOURNAL IN SPANISH, EDUCACION MEDICA Y SALUD, WHICH SYNTHESIZES ADVANCES IN THE TEACHING OF MEDICINE. THROUGH THIS PROJECT, SUPPORT IS GIVEN TO THE HEALTH SCIENCES EDUCATION INFORMATION CENTER IN AN EFFORT TO BETTER PLAN THE ASSISTANCE GIVEN TO LATIN AMERICA BY VARIOUS INTERESTED AGENCIES, PUBLIC AND PRIVATE.

		4	4	4	4			67,648	60,772	58,646	60,451
TOTAL						TOTAL					
P-5 MEDICAL OFFICER .1065	PR	1	1	1	1	SUBTOTAL	PR	61,576	56,844	58,646	60,451
G-5 CLERK .2053	PR	1	1	1	1	PERSONNEL-POSTS		48,058	40,444	42,246	44,051
G-5 SECRETARY .0036	PR	1	1	1	1	PERSONNEL-CONSULTANTS		5,812	5,400	5,400	5,400
G-3 SECRETARY .3021	PR	1	1	1	1	DUTY TRAVEL		3,790	3,500	3,500	3,500
TOTAL		11	6	3	3	SUPPLIES AND EQUIPMENT		1,375	5,000	5,000	5,000
CONSULTANT MONTHS	PR	4	3	3	3	FELLOWSHIPS		2,541	2,500	2,500	2,500
CONSULTANT MONTHS	PG	7	3	-	-	SUBTOTAL	PG	6,072	3,928	-	-
						PERSONNEL-CONSULTANTS		6,072	3,928	-	-

AMRO-6202, MEDICAL EDUCATION (ZONE II)

THE PURPOSE OF THIS PROJECT IS TO ASSIST THE COUNTRIES OF THE ZONE IN IMPROVING PROGRAMS OF MEDICAL EDUCATION.

		-	3	4	4			-	5,400	7,200	7,200
TOTAL						TOTAL	WR				
CONSULTANT MONTHS	WR	-	3	4	4	PERSONNEL-CONSULTANTS		-	5,400	7,200	7,200

AMRO-6204, MEDICAL EDUCATION (ZONE IV)

THE PURPOSE OF THIS PROJECT IS TO ASSIST AND COOPERATE WITH THE 22 MEDICAL SCHOOLS OF THE ZONE IN IMPROVEMENT OF EXISTING PROGRAMS AND METHODS OF MEDICAL EDUCATION.

PARALLEL WITH THE TEACHING PROGRAMS WITHIN THE SCHOOLS, PROGRAMS FOR THE CONTINUED EDUCATION OF PHYSICIANS THROUGHOUT THEIR CAREERS ARE BEING DEVELOPED.

		1	1	2	2			17,404	22,123	26,100	27,241
TOTAL						TOTAL	PR				
P-4 MEDICAL OFFICER .3401	PR	1	1	1	1	PERSONNEL-POSTS		14,935	20,473	24,450	25,551
G-4 SECRETARY .3441	PR	-	-	1	1	DUTY TRAVEL		2,469	1,500	1,500	1,500
						SUPPLIES AND EQUIPMENT		-	150	150	150

AMRO-6208, TEACHING OF STATISTICS IN MEDICAL SCHOOLS

THE PURPOSE OF THIS PROJECT IS TO PROMOTE THE TEACHING OF MEDICAL STATISTICS IN LATIN AMERICAN MEDICAL SCHOOLS. CONSULTANTS ASSIST IN SHORT COURSES ON SPECIAL ASPECTS OF MEDICAL STATISTICS AND IN THE SELECTION AND TRAINING, THROUGH FELLOWSHIPS, OF MEDICAL SCHOOL FACULTY MEMBERS TO BECOME PROFESSORS OF MEDICAL STATISTICS.

. . . CONTINUED

AMRO-6208, TEACHING OF STATISTICS IN MEDICAL SCHOOLS . . . CONTINUED

	FUND					FUND				
	1969	1970	1971	1972		1969	1970	1971	1972	
	-----	-----	-----	-----		-----	-----	-----	-----	
						\$	\$	\$	\$	
TOTAL	3	2	2	2	TOTAL	PR	3,549	3,600	3,600	3,600
CONSULTANT MONTHS	PR	3	2	2	PERSONNEL-CONSULTANTS		3,549	3,600	3,600	3,600

AMRO-6210, TEACHING METHODS AND ADMINISTRATIVE ORGANIZATION OF MEDICAL SCHOOLS

LATIN AMERICAN MEDICAL EDUCATORS ARE INCREASINGLY CONCERNED WITH THE TEACHING METHODS CURRENTLY USED IN MANY MEDICAL INSTITUTIONS. QUESTIONS ARE BEING RAISED AS TO WHETHER MEDICAL SCHOOLS ARE USING THE BEST METHODS IN TEACHING BASIC CONCEPTS, SUCH AS THE INTEGRATION OF PREVENTIVE AND CURATIVE MEDICINE, AND IN DEVELOPING IN THE FUTURE PHYSICIAN A PROPER COMMUNITY ATTITUDE. FURTHERMORE, THERE IS EVIDENCE THAT THE ADMINISTRATIVE STRUCTURE OF MANY SCHOOLS IS INADEQUATE FOR THE DISCHARGE OF THEIR EDUCATIONAL RESPONSIBILITIES.

TO ASSIST THE COUNTRIES IN SOLVING THIS PROBLEM, THE ORGANIZATION, THROUGH THIS PROJECT, WILL ASSIST THE INTERESTED MEDICAL SCHOOLS IN REVIEWING THEIR TEACHING METHODS AND ADMINISTRATIVE PROCEDURES BY MEANS OF GROUP DISCUSSIONS AND SEMINARS HELD AMONG MEMBERS OF THE FACULTY FOR THE ANALYSIS OF VARIOUS PEDAGOGICAL TECHNIQUES AND ADMINISTRATIVE PROCEDURES APPLICABLE TO MEDICAL TEACHING.

	FUND					FUND				
	1	2	2	2		1969	1970	1971	1972	
	-----	-----	-----	-----		-----	-----	-----	-----	
TOTAL	1	2	2	2	TOTAL	PR	27,074	52,819	58,963	61,578
P-5 MEDICAL OFFICER .0978	PR	1	1	1	PERSONNEL-POSTS		19,002	39,419	45,563	48,178
P-4 ADMIN. METHODS OFFICER .3312	PR	-	1	1	PERSONNEL-CONSULTANTS		1,196	5,400	5,400	5,400
					DUTY TRAVEL		5,630	5,000	5,000	5,000
					CONTRACTUAL SERVICES		1,221	-	-	-
					SUPPLIES AND EQUIPMENT		25	3,000	3,000	3,000
TOTAL	1	2	2	2						
CONSULTANT MONTHS	PR	1	2	2						

AMRO-6214, FACULTY TRAINING FOR MEDICAL SCHOOLS

THE PURPOSE OF THIS PROJECT IS TO IMPROVE THE STANDARDS OF MEDICAL EDUCATION BY PROVIDING GRANTS TO FELLOWS WHO, AFTER COMPLETION OF A FACULTY TRAINING PROGRAM AT THE MEDICAL SCHOOL OF THE UNIVERSITY OF ANTIOQUIA IN MEDELLIN, RETURN TO THEIR INSTITUTIONS. IT IS EXPECTED THAT THESE GRANTS WILL ENABLE THE RETURNED TRAINEE TO START A PROGRAM FOR STRENGTHENING THE TEACHING OF THE PARTICULAR SUBJECT IN WHICH HE RECEIVED TRAINING. FUNDS UNDER THIS PROJECT ARE AVAILABLE FOR TEACHING AND LABORATORY EQUIPMENT FOR THE ORGANIZATION OF THESE TEACHING PROGRAMS. THE PROJECT IS SUPPORTED BY THE W. K. KELLOGG FOUNDATION.

	FUND				
	PG	1969	1970	1971	1972
	-----	-----	-----	-----	-----
TOTAL	PG	-	30,000	-	-
SUPPLIES AND EQUIPMENT		-	30,000	-	-

AMRO-6216, PREVENTIVE MEDICINE EDUCATION

THE STRENGTHENING OF THE PREVENTIVE AND SOCIAL ASPECTS OF THE TEACHING OF MEDICINE CONTINUES TO BE OF MAJOR CONCERN IN THE ORGANIZATION'S MEDICAL EDUCATION PROGRAM. IN 1955 AND 1956, THE ORGANIZATION CONVENED TWO SEMINARS ON THE GENERAL SUBJECT OF TEACHING PREVENTIVE MEDICINE IN MEDICAL SCHOOLS, WHICH RECOMMENDED APPROACHES TO THIS TASK. NOW AN ASSESSMENT OF THE PREVENTIVE AND COMMUNITY HEALTH TEACHING PROGRAMS IN THE MEDICAL SCHOOLS OF LATIN AMERICA WILL BE MADE WITH THE AIM OF FURTHER UNDERSTANDING THE FORCES THAT ACT TO FACILITATE THE TEACHING AND LEARNING OF THIS SUBJECT. AT THE SAME TIME, ADVISORY SERVICES ON HOW TO BETTER ORGANIZE MEDICAL TEACHING ALONG THESE LINES WILL BE PROVIDED TO THE MEDICAL SCHOOLS. THE MILBANK MEMORIAL FUND SUPPORTS THIS PROJECT.

	FUND					FUND				
	3	3	3	3		1969	1970	1971	1972	
	-----	-----	-----	-----		-----	-----	-----	-----	
TOTAL	3	3	3	3	TOTAL	PG	59,889	44,285	35,785	37,287
P-4 MEDICAL OFFICER .2120	PR	1	1	1	PERSONNEL-POSTS		28,899	30,285	31,785	33,287
G-4 SECRETARY .2017 .3122	PR	2	2	2	DUTY TRAVEL		3,956	4,000	4,000	4,000
TOTAL	2	-	-	-	PERSONNEL-CONSULTANTS		10,112	10,000	-	-
CONSULTANT MONTHS	PG	2	-	-	CONTRACTUAL SERVICES		3,184	-	-	-
							13,738	-	-	-

AMRO-6220, CONFERENCE ON HEALTH MANPOWER AND MEDICAL EDUCATION

THE PURPOSE OF THIS CONFERENCE WAS TO PRESENT TO THE COUNTRIES OF THE HEMISPHERE THE RESULTS OF THE HEALTH MANPOWER STUDY CARRIED OUT IN COLOMBIA WITH THE COLLABORATION OF THE MILBANK FUND AND THE ORGANIZATION. REPRESENTATIVES OF THE MINISTRIES OF HEALTH AND MEDICAL SCHOOLS OF ALL COUNTRIES OF THE REGION WILL BE INVITED TO PARTICIPATE.

	FUND				
	PG	1969	1970	1971	1972
	-----	-----	-----	-----	-----
TOTAL	PG	1,272	-	-	-
SEMINAR COSTS		1,272	-	-	-

AMRO-6221, LIBRARY OF MEDICINE

A REVIEW OF THE STATUS OF LIBRARY RESOURCES IN LATIN AMERICA CONDUCTED BY THE ORGANIZATION IN 1965 REVEALED SERIOUS DEFICIENCIES IN THE SUPPLY OF INFORMATION TO THE BIOMEDICAL COMMUNITY, AND AN URGENT DESIRE ON THE PART OF THE INSTITUTIONS CONCERNED TO RESOLVE THE PROBLEM. IN 1967, AS AN INITIAL STEP TOWARD MEETING THIS NEED, THE ORGANIZATION COOPERATED IN THE ESTABLISHMENT OF THE LIBRARY OF MEDICINE AT THE PAULISTA SCHOOL OF MEDICINE IN SAO PAULO UNDER PROJECT BRAZIL-6221. THIS HAS NOW DEVELOPED INTO AN INTERCOUNTRY PROJECT.

THE PURPOSE OF THIS PROJECT IS TO PROVIDE LIBRARY SUPPORT FOR BIOMEDICAL EDUCATION, RESEARCH, AND PRACTICE IN LATIN AMERICA, USING MODERN COMMUNICATIONS TECHNOLOGY, AND TO TRAIN BIOMEDICAL LIBRARIANS AT ADVANCED LEVELS. WHEN FULLY OPERATIVE, THE LIBRARY WILL ALSO PROVIDE COMPUTERIZED BIBLIOGRAPHIC SEARCHES UTILIZING MEDLARS TAPES, AND IT WILL FUNCTION AS A DEMONSTRATION AND TRAINING CENTER IN HIGH-LEVEL LIBRARY PRACTICES.

THE LIBRARY RECEIVES THE SUPPORT OF THE GOVERNMENT OF BRAZIL THROUGH THE MINISTRY OF EDUCATION AND CULTURE, THE MINISTRY OF HEALTH, AND THE PAULIST SCHOOL OF MEDICINE, AS WELL AS THE SUPPORT OF THE UNITED STATES NATIONAL LIBRARY OF MEDICINE AND THE COMMONWEALTH FUND OF NEW YORK.

<u>FUND 1969 1970 1971 1972</u>					<u>FUND 1969 1970 1971 1972</u>				
<u>-----</u>					<u>-----</u>				
					<u>\$ \$ \$ \$</u>				
TOTAL		-	-	5 5	TOTAL	-	-	185,936	244,505
P-5 DIRECTOR .3175	PR	-	-	- 1	SUBTOTAL	PR	-	-	41,320 61,951
P-5 DIRECTOR .3175	PG	-	-	1 -	PERSONNEL-POSTS	-	-	29,220	57,851
P-4 CHIEF LIBRARIAN 4.3176	WR	-	-	1 1	DUTY TRAVEL	-	-	4,000	4,000
P-4 CHIEF OF REGIONAL SERVICES 4.3464	WR	-	-	1 1	HOSPITALITY	-	-	100	100
P-2 CHIEF OF REFERENCE SERVICES .3466	PR	-	-	1 1	CONTRACTUAL SERVICES	-	-	8,000	-
P-2 CHIEF OF TECHNICAL SERVICES .3465	PR	-	-	1 1	SUBTOTAL	PG	-	-	110,274 135,000
TOTAL		-	-	4 5	PERSONNEL-POSTS	-	-	-	-
CONSULTANT MONTHS	PG	-	-	4 5	PERSONNEL-CONSULTANTS	-	-	7,200	9,000
TOTAL		-	-	- 5	DUTY TRAVEL	-	-	5,000	-
FELLOWSHIPS-ACADEMIC	PG	-	-	- 2	SEMINAR COSTS	-	-	2,000	3,000
FELLOWSHIPS-SHORT TERM	PG	-	-	- 3	CONTRACTUAL SERVICES	-	-	10,000	20,000
					PUBLICATIONS	-	-	15,000	17,000
					SUPPLIES AND EQUIPMENT	-	-	6,074	5,800
					FELLOWSHIPS	-	-	-	12,200
					LOCAL COSTS	-	-	65,000	68,000
					SUBTOTAL	WR	-	-	34,342 47,554
					PERSONNEL-POSTS	-	-	31,342	44,554
					DUTY TRAVEL	-	-	3,000	3,000

AMRO-6222, SEMINAR ON TEACHING PREVENTIVE AND SOCIAL MEDICINE

THERE IS A SPECIAL STUDY UNDER WAY ON CURRENT TEACHING OF PREVENTIVE AND SOCIAL MEDICINE AND ITS PRESENT ROLE IN THE MEDICAL CURRICULUM OF EACH SCHOOL. THE STUDY WILL ALSO ANALYZE THE CURRENT STATUS OF MEDICAL EDUCATION IN LATIN AMERICA. FOLLOWING THE STUDY AND EVALUATION, SEMINARS WILL BE HELD TO PRESENT THE RESULTS OBTAINED FROM THE STUDY AND TO MAKE RECOMMENDATIONS FOR THE IMPROVEMENT OF MEDICAL EDUCATION IN GENERAL AND THE TEACHING OF PREVENTIVE AND SOCIAL MEDICINE IN PARTICULAR IN LATIN AMERICA. THE FIRST SEMINAR WILL BE HELD IN BRAZIL, FOLLOWED BY TWO OTHERS IN ARGENTINA AND MEXICO.

TOTAL		-	1	- -	TOTAL	WR	-	20,000	- -
CONSULTANT MONTHS	WR	-	1	- -	PERSONNEL-CONSULTANTS	-	-	1,800	- -
TOTAL		-	28	- -	SUPPLIES AND EQUIPMENT	-	-	500	- -
PARTICIPANTS	WR	-	28	- -	PARTICIPANTS	-	-	17,700	- -

AMRO-6223, TEACHING BEHAVIORAL SCIENCES

THE PURPOSE OF THIS PROJECT IS TO PROVIDE MODELS OF TEACHING AND RESEARCH, TRAINING, AND ADVISORY SERVICES FOR FACULTIES OF THE SCHOOLS IN LATIN AMERICA, IN ORDER FOR THEM TO INCORPORATE THE TEACHING OF BEHAVIORAL SCIENCES INTO THEIR CURRICULA. THIS WILL BE DONE BY PROVIDING TWO REGIONAL ADVISERS AND SHORT-TERM CONSULTANTS FOR THE HEALTH SCIENCES SCHOOLS OF LATIN AMERICA. IN ADDITION, SEMINARS AND COURSES WILL BRING TO THE ATTENTION OF PROFESSORS OF BEHAVIORAL SCIENCES OF THE HEALTH SCIENCES SCHOOLS IN LATIN AMERICA THE PRESENT BIBLIOGRAPHY IN THE AREAS OF THEIR PROFESSIONAL COMPETENCE AND WILL PROVIDE THEM WITH TRAINING IN RESEARCH AND TEACHING IN THAT FIELD. EACH SEMINAR-COURSE WILL LAST TWO WEEKS, AND EACH PARTICIPANT WILL BE SUPPLIED WITH A SYSTEMATIZED ANTHOLOGY, ESPECIALLY PREPARED FOR STUDENTS OF HEALTH SCIENCES, OF ARTICLES ON BEHAVIORAL SCIENCES AS APPLIED TO MEDICAL PROBLEMS.

TOTAL		-	-	2 2	TOTAL		8,539	13,200	188,200	188,200
P-4 BEHAVIORAL SCIENTIST 4.3615 4.3616	WT	-	-	2 2	SUBTOTAL	PR	8,539	13,200	-	-
TOTAL		2	4	12 12	PERSONNEL-CONSULTANTS	-	4,726	7,200	-	-
CONSULTANT MONTHS	PR	2	4	- -	CONTRACTUAL SERVICES	-	3,535	1,000	-	-
CONSULTANT MONTHS	WT	-	-	12 12	SUPPLIES AND EQUIPMENT	-	278	5,000	-	-

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... CONTINUED

AMRO-6223, TEACHING BEHAVIORAL SCIENCES . . . CONTINUED

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
	-----	-----	-----	-----	-----		-----	-----	-----	-----	-----
								\$	\$	\$	\$
TOTAL		-	-	48	48	SUBTOTAL	WT	-	-	188,200	188,200
FELLOWSHIPS-ACADEMIC	WT	-	-	12	12	PERSONNEL-POSTS		-	-	47,400	47,400
FELLOWSHIPS-SHORT TERM	WT	-	-	36	36	PERSONNEL-CONSULTANTS		-	-	25,200	25,200
						DUTY TRAVEL		-	-	3,000	3,000
						SUPPLIES AND EQUIPMENT		-	-	7,000	7,000
						FELLOWSHIPS		-	-	105,600	105,600

AMRO-6224, FACULTY AND RESEARCH TRAINING CENTERS

THE AIM OF THIS PROJECT IS TO REDUCE THE INCENTIVE TO EMIGRATE BY EXPANDING THE ADVANCED TRAINING OF TEACHERS AND INVESTIGATORS SO AS TO ENABLE THEM TO PURSUE THEIR WORK AT AN ADVANCED LEVEL IN LATIN AMERICA. OUTSTANDING NATIONAL OR MULTINATIONAL CENTERS WILL RECEIVE INSTITUTIONAL GRANTS, CONSULTANTS, AND FELLOWSHIPS FOR A PROGRAM OF ORGANIZED ASSISTANCE, INCLUDING THE EXCHANGE OF TEACHERS AND RESEARCH WORKERS.

TOTAL		-	4	2	2	TOTAL	PR	-	17,200	13,600	13,600
CONSULTANT MONTHS	PR	-	4	2	2	PERSONNEL-CONSULTANTS		-	7,200	3,600	3,600
						GRANTS		-	10,000	10,000	10,000

AMRO-6225, SURVEY OF FELLOWSHIP PROGRAMS

IN ACCORDANCE WITH A RESOLUTION OF THE XVII DIRECTING COUNCIL, AN EVALUATION OF THE FELLOWSHIP PROGRAM OF THE ORGANIZATION BEGAN IN 1968. AT ITS XVIII MEETING, THE DIRECTING COUNCIL AUTHORIZED THE DIRECTOR TO CONTINUE THE PROPOSED STUDY AND TO SUBMIT THE FINDINGS TO THE GOVERNING BODIES OF THE ORGANIZATION IN DUE COURSE.

THE EVALUATION WILL MAKE IT POSSIBLE TO MEASURE THE RESULTS ACHIEVED SO FAR AND THEIR EFFECTS ON THE HEALTH PROGRAMS AND WILL COMPILE INFORMATION THAT WILL BE USEFUL TO THE GOVERNING BODIES IN DETERMINING FUTURE POLICIES IN THIS FIELD.

TOTAL		-	-	4	-	TOTAL	WR	-	-	7,200	-
CONSULTANT MONTHS	WR	-	-	4	-	PERSONNEL-CONSULTANTS		-	-	7,200	-

AMRO-6226, COMMUNITY CENTERED RESEARCH IN MEDICAL EDUCATION

COMMUNITY-CENTERED RESEARCH BY SCHOOLS OF MEDICINE AND PUBLIC HEALTH WILL BE PROMOTED, WITH SPECIAL ATTENTION TO THE DEVELOPMENT OF EFFICIENT PROGRAMS WITH MULTIDISCIPLINARY APPROACHES FOR SOLUTIONS OF HEALTH PROBLEMS IN THOSE AREAS. THE INTER-AMERICAN INVESTIGATION OF MORTALITY IN CHILDHOOD HAS REVEALED VALUABLE INFORMATION ON IMPORTANT ASSOCIATIONS AND INTERRELATIONSHIPS OF DISEASES AND CONDITIONS THAT WILL BE INCLUDED IN SUCH PROGRAMS.

TOTAL		-	-	-	1	TOTAL	PR	-	-	-	25,941
P-5 MEDICAL OFFICER .3617	PR	-	-	-	1	PERSONNEL-POSTS		-	-	-	22,941
						DUTY TRAVEL		-	-	-	3,000

AMRO-6300, NURSING EDUCATION

THE TOTAL NUMBER OF SCHOOLS OF NURSING IN LATIN AMERICA SURPASSED 314. THERE IS LITTLE INFORMATION ON THE MAJORITY OF THESE SCHOOLS AND NO EVALUATION OF THE APPROPRIATENESS OF CURRICULA IN RELATION TO THE NEEDS AND RESOURCES OF THE HEALTH SERVICES.

UNDER THIS PROJECT, IT IS PLANNED TO CARRY OUT A STUDY OF THE PRESENT SITUATION OF THE SCHOOLS OF NURSING IN RELATION TO THE NURSING NEEDS OF THE INDIVIDUAL COUNTRIES. PROVISIONS FOR SHORT-TERM CONSULTANTS FOR COUNTRIES NOT HAVING A PROJECT ON NURSING EDUCATION ARE ALSO AVAILABLE.

TOTAL		-	2	2	3	TOTAL	WR	13,160	5,350	5,350	8,400
CONSULTANT MONTHS	WR	-	2	2	3	PERSONNEL-CONSULTANTS		-	3,600	3,600	5,400
						SUPPLIES AND EQUIPMENT		13,160	1,750	1,750	3,000

AMRO-6301, NURSING EDUCATION (ZONE I)

THE PURPOSE OF THIS PROJECT IS TO ASSESS THE PRESENT EDUCATION AND NURSING RESOURCES IN THE CARIBBEAN AS A BASIS FOR FUTURE PLANNING TO IMPROVE NURSING CARE IN THE TERRITORIES; TO DETERMINE TYPES AND NUMBERS OF NURSING PERSONNEL NEEDED, TAKING INTO CONSIDERATION HEALTH PROBLEMS AND ECONOMIC POSSIBILITIES; TO DEVELOP A LONG-RANGE PLAN FOR THE BETTERMENT OF NURSING SERVICES BY IMPROVING THE EDUCATION OF STUDENT NURSES; TO CONSIDER THE ESTABLISHMENT OF A REGIONAL BODY WITH AUTHORITY TO ASSESS AND RECOGNIZE SCHOOLS OF NURSING WITHIN THE AREAS SO THAT RECIPROCIITY CAN BE ESTABLISHED FROM ONE TERRITORY TO ANOTHER; AND TO ASSIST IN THE IMPROVEMENT OF THE NURSING SCHOOLS THROUGH ADVISORY SERVICES, FELLOWSHIPS FOR THE PREPARATION OF TEACHING STAFF, AND AID IN SECURING EQUIPMENT FOR THE SCHOOLS.

. . . CONTINUED

AMRO-6301, NURSING EDUCATION (ZONE 1) . . . CONTINUED

					FUND	1969	1970	1971	1972
					-----	-----	-----	-----	-----
						\$	\$	\$	\$
TOTAL		1	1	1	1	24,493	18,524	19,290	20,056
P-3 NURSE EDUCATOR .0604	PR	1	1	1	1	17,656	18,524	19,290	20,056
TOTAL		18	-	-	-	14,221	15,524	16,290	17,056
FELLOWSHIPS--SHORT TERM	PG	18	-	-	-	2,435	3,000	3,000	3,000
					TOTAL	6,837	-	-	-
					PERSONNEL--POSTS DUTY TRAVEL	6,837	-	-	-
					SUBTOTAL	6,837	-	-	-
					FELLOWSHIPS	-	-	-	-

AMRO-6310, PROGRAMED INSTRUCTION FOR NURSING AUXILIARIES

THE PURPOSE OF THIS PROJECT WAS TO DEVISE AND TEST MATERIALS FOR PROGRAMED INSTRUCTION OF NURSING AUXILIARIES. THE STUDY HAS BEEN COMPLETED, AND FOLLOW-UP SERVICES WILL BE PROVIDED THROUGH AMRO-6319.

					TOTAL	PR	73	-	-	-
					-----	-----	-----	-----	-----	-----
TOTAL		-	-	-	-	73	-	-	-	
CONSULTANT MONTHS	PR	-	-	-	-	73	-	-	-	
					PERSONNEL--CONSULTANTS	73	-	-	-	

AMRO-6312, SEMINARS ON NURSING EDUCATION (ZONE 1)

IN ORDER TO ASSIST THE GOVERNMENTS IN IMPROVING NURSING EDUCATION AND TO PLAN REALISTICALLY TO MEET THE NURSING NEEDS OF THE AREA, A SURVEY WAS CARRIED OUT OF ALL THE NURSING SCHOOLS IN THE ZONE I AREA.

ONE OF THE STRONG RECOMMENDATIONS WAS THE NEED TO DEVELOP A CURRICULUM FOR NURSING SCHOOLS IN THIS AREA. SEMINARS ARE PLANNED TO DEVELOP AND DISCUSS SUGGESTED CURRICULA AND GUIDES, AS WELL AS WAYS OF ESTABLISHING EVALUATION OF NURSING SCHOOLS AND MAINTENANCE OF STANDARDS.

					TOTAL	PR	11,566	-	10,400	9,400
					-----	-----	-----	-----	-----	-----
TOTAL		-	-	2	2	4,049	-	3,600	3,600	
CONSULTANT MONTHS	PR	-	-	2	2	-	-	2,000	1,000	
TOTAL		31	-	20	24	7,517	-	4,800	4,800	
PARTICIPANTS	PR	31	-	20	24					
					PERSONNEL--CONSULTANTS	4,049	-	3,600	3,600	
					SEMINAR COSTS	-	-	2,000	1,000	
					PARTICIPANTS	7,517	-	4,800	4,800	

AMRO-6317, SEMINAR ON NURSING EDUCATION

THERE IS GROWING AWARENESS BY LATIN AMERICAN COUNTRIES OF THE NEED TO ESTABLISH DIFFERENT LEVELS OF NURSING PERSONNEL - PROFESSIONAL, SEMI-PROFESSIONAL, AND AUXILIARY. IN 1967, A SURVEY OF THE SCHOOLS OF NURSING SHOWED THAT 16 LATIN AMERICAN COUNTRIES POSSESS AT LEAST ONE SCHOOL WITH ENTRY REQUIREMENTS CALLING FOR 11 TO 13 YEARS OF BASIC GENERAL EDUCATION. IN 12 COUNTRIES, ALL SCHOOLS HAD SUCH ENTRY REQUIREMENTS. TWO COUNTRIES (BRAZIL AND MEXICO) HAVE ALREADY ESTABLISHED A MIDDLE-LEVEL TYPE OF PERSONNEL - NURSE TECHNICIAN - AND GUATEMALA IS PLANNING SUCH A PROGRAM. OTHER COUNTRIES ARE STUDYING WAYS OF SHORTENING THE TRADITIONAL THREE-YEAR DIPLOMA PROGRAM.

ALL THE LATIN AMERICAN COUNTRIES ARE CONDUCTING FORMAL TRAINING PROGRAMS FOR NURSING AUXILIARIES. THE DURATION OF THESE PROGRAMS VARIES FROM THREE MONTHS TO TWO YEARS, AND THE NUMBER IS DEPENDENT ON THE ECONOMIC RESOURCES THE COUNTRY HAS TO ESTABLISH THESE PROGRAMS. A NEED EXISTS TO DEFINE THE FUNCTIONS OF THE DIFFERENT LEVELS OF NURSING PERSONNEL AND TO ESTABLISH CRITERIA FOR THE RESPECTIVE EDUCATIONAL PROGRAMS. FOR THIS PURPOSE A SERIES OF THREE SEMINARS IS PLANNED.

					TOTAL	WR	-	-	33,350	33,350
					-----	-----	-----	-----	-----	-----
TOTAL		-	-	2	2	-	-	3,600	3,600	
CONSULTANT MONTHS	WR	-	-	2	2	-	-	5,000	5,000	
TOTAL		-	-	30	30	-	-	24,750	24,750	
PARTICIPANTS	WR	-	-	30	30					
					PERSONNEL--CONSULTANTS	-	-	3,600	3,600	
					SEMINAR COSTS	-	-	5,000	5,000	
					PARTICIPANTS	-	-	24,750	24,750	

AMRO-6319, TRAINING OF NURSING AUXILIARIES

SINCE PROFESSIONAL NURSES IN LATIN AMERICA ARE LIMITED IN NUMBER, THE MAJORITY OF NURSING PERSONNEL EMPLOYED BY THE HEALTH SERVICES ARE NURSING AUXILIARIES, MOST OF WHOM HAVE HAD NO FORMAL TRAINING. EXISTING PROGRAMS FOR THE TRAINING OF AUXILIARIES ARE NOT ADEQUATE TO PREPARE THE NUMBER NEEDED, AND THERE IS SOME EVIDENCE THAT THESE PROGRAMS OUGHT TO BE REORIENTED IN ORDER TO PROVIDE THE NECESSARY LEARNING EXPERIENCE.

THE PURPOSE OF THIS PROJECT IS TO INCREASE THE NUMBER OF PREPARED NURSING AUXILIARIES AND TO IMPROVE THE TRAINING AND UTILIZATION OF THESE PERSONNEL IN MIDDLE AND SOUTH AMERICA. IT IS PLANNED TO CARRY OUT A STUDY OF THE EXISTING SITUATION REGARDING NURSING AUXILIARIES AND PROGRAMS FOR THEIR PREPARATION IN 1970 AND TO ESTABLISH GUIDES FOR THE STUDY OF FUNCTIONS AND DEFINITION OF CURRICULUM CONTENT FOR TRAINING PROGRAMS; TO COMPLEMENT THE PILOT STUDY IN TASK ANALYSIS CARRIED OUT IN PERU IN 1968, AS WELL AS TO ESTABLISH MINIMUM STANDARDS FOR NURSING AUXILIARY PROGRAMS; AND TO DEVELOP PROGRAMS OF CONTINUING EDUCATION FOR THE INSTRUCTORS OF AUXILIARY TRAINING PROGRAMS.

. . . CONTINUED

AMRO-6319, TRAINING OF NURSING AUXILIARIES . . . CONTINUED

FUND				FUND							
1969 1970 1971 1972				1969 1970 1971 1972							
-----				-----							
				WR							
				-----							
				-----							
				-----							
				-----							
TOTAL		-	2	2	2	TOTAL	WR	-	27,033	32,033	40,419
P-4 NURSE	WR	-	1	1	1	PERSONNEL-POSTS		-	13,933	18,933	27,319
4.0979						PERSONNEL-CONSULTANTS		-	3,600	3,600	3,600
G-4 SECRETARY	WR	-	1	1	1	DUTY TRAVEL		-	2,000	2,000	2,000
4.3013						SUPPLIES AND EQUIPMENT		-	7,500	7,500	7,500
TOTAL		-	2	2	2						
CONSULTANT MONTHS	WR	-	2	2	2						

AMRO-6400, SANITARY ENGINEERING EDUCATION

THE PURPOSE OF THIS PROJECT IS TO ASSIST UNIVERSITIES IN BECOMING FOCAL POINTS FOR TRAINING THE VAST NUMBER OF PERSONNEL NEEDED FOR EXPANDED PROGRAMS OF WATER SUPPLY AND SEWAGE DISPOSAL, AND TO ADVANCE THE PRINCIPLE OF CONTINUING EDUCATION BY PROVIDING PROFESSIONAL AND AUXILIARY PERSONNEL WITH OPPORTUNITIES FOR IMPROVEMENT. MORE THAN 5,500 PERSONS HAVE BEEN TRAINED, AND NEARLY 16,000 LECTURES WERE GIVEN TO THE PARTICIPANTS. EIGHTEEN RESEARCH PROJECTS WERE IN OPERATION IN 1969.

FUND				FUND							
1969 1970 1971 1972				1969 1970 1971 1972							
-----				-----							
				PR							
				-----							
				-----							
				-----							
				-----							
TOTAL		3	3	3	3	TOTAL	PR	45,983	39,827	40,192	41,772
P-5 SANITARY ENGINEER	PR	1	1	1	1	PERSONNEL-POSTS		37,832	33,614	35,192	36,772
.1034						DUTY TRAVEL		6,938	5,000	5,000	5,000
G-5 SECRETARY	PR	1	1	1	1	CONTRACTUAL SERVICES		1,213	1,213	-	-
.2018											
G-4 SECRETARY	PR	1	1	1	1						
.3051											

SEE SPECIAL FUND FOR HEALTH PROMOTION, PART IV.

AMRO-6412, MANAGEMENT AND ADMINISTRATION OF SCHOOLS OF ENGINEERING

ENGINEERING CURRICULA, SANITARY ENGINEERING INCLUDED, ARE UNDERGOING TRANSFORMATION TO KEEP PACE WITH THE CURRENT TECHNOLOGICAL REVOLUTION. HOWEVER, THE ADMINISTRATIVE STRUCTURE OF THE UNIVERSITIES REMAINS IN NEED OF IMPROVEMENT IN ORDER TO PROVIDE EFFICIENT MANAGEMENT OF RESOURCES AND USE OF PERSONNEL AND FACILITIES. SHORT-TERM CONSULTANTS, APPROPRIATELY SELECTED AMONG PUBLIC AND UNIVERSITY ADMINISTRATORS, WILL ADVISE ENGINEERING SCHOOLS ON THEIR INSTITUTIONAL ADMINISTRATIVE METHODS.

FUND				FUND							
1969 1970 1971 1972				1969 1970 1971 1972							
-----				-----							
				PR							
				-----							
				-----							
				-----							
				-----							
TOTAL		-	-	-	4	TOTAL	PR	-	-	-	8,200
CONSULTANT MONTHS	PR	-	-	-	4	PERSONNEL-CONSULTANTS		-	-	-	7,200
						SUPPLIES AND EQUIPMENT		-	-	-	1,000

AMRO-6500, VETERINARY MEDICINE EDUCATION

IN RECENT YEARS, SCHOOLS OF VETERINARY MEDICINE IN MOST COUNTRIES HAVE BEEN ASSISTED IN THEIR REORGANIZATION OF CURRICULA AND THE INCORPORATION OF COURSES ON PUBLIC HEALTH OR PREVENTIVE MEDICINE AND MOST OF THE OTHERS LIST COURSES IN PUBLIC HEALTH AND PREVENTIVE MEDICINE. THIS PROGRESS HAS BEEN AIDED BY FOUR REGIONAL SEMINARS, WHICH WERE ATTENDED BY PROFESSORS AND DEANS REPRESENTING THE SCHOOLS IN THE AMERICAS.

A PERMANENT COORDINATING COMMITTEE, ESTABLISHED AT THE 1963 SEMINAR TO WORK WITH THE ORGANIZATION IN THE CONDUCT OF THIS PROJECT, MET IN 1964 AND 1966 AND RECOMMENDED THE TWO TRAINING CONFERENCES FOR TEACHERS OF PREVENTIVE MEDICINE AND PUBLIC HEALTH THAT WERE SUBSEQUENTLY HELD IN 1967 AND 1968. THE NEXT MEETING OF THE PERMANENT COMMITTEE IS SCHEDULED FOR 1970.

FUND				FUND							
1969 1970 1971 1972				1969 1970 1971 1972							
-----				-----							
				WR							
				-----							
				-----							
				-----							
				-----							
TOTAL		-	3	3	3	TOTAL	WR	-	6,400	6,400	6,900
CONSULTANT MONTHS	WR	-	3	3	3	PERSONNEL-CONSULTANTS		-	5,400	5,400	5,400
						SUPPLIES AND EQUIPMENT		-	1,000	1,000	1,500

AMRO-6507, SEMINAR ON VETERINARY MEDICINE EDUCATION

THE FOOD INDUSTRY OF LATIN AMERICA IS DEVELOPING AT A GREATER ACCELERATION THAN OTHER INDUSTRIES BECAUSE OF FOOD DEMANDS BY THE INCREASING POPULATIONS OF THE COUNTRIES. SIMILARLY, THE PROBLEMS RELATED TO FOODS, ESPECIALLY THOSE OF ANIMAL ORIGIN, ARE INCREASING. THOSE DISEASES THAT AFFECT THE TOTAL POPULATION SPECTRUM OF THE COUNTRIES, ESPECIALLY THOSE OF THE ANDEAN REGION, ARE COMMONLY ASSOCIATED WITH FOODS OF ANIMAL ORIGIN. PROGRAMS FOR THE CONTROL OF THESE DISEASES ARE MINIMAL BECAUSE OF THE LACK OF AN INFRASTRUCTURE OF PERSONNEL. TRAINING IN FOOD HYGIENE IN THE SCHOOLS OF VETERINARY MEDICINE VARIES AMONG THE COUNTRIES FROM NONE TO MINIMAL.

THE PURPOSE OF THIS SEMINAR IS TO EMPHASIZE THE TEACHING OF EPIDEMIOLOGY OF FOOD-BORNE ILLNESSES, CONCEPTS, AND PRACTICES OF FOOD HYGIENE IN SCHOOLS OF VETERINARY MEDICINE, AND SCHOOLS OF PUBLIC HEALTH.

. . . CONTINUED



AMRO-6507, SEMINAR ON VETERINARY MEDICINE EDUCATION . . . CONTINUED

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
								\$	\$	\$	\$
TOTAL		-	-	-	4	TOTAL	PR	-	-	-	22,400
CONSULTANT MONTHS	PR	-	-	-	4	PERSONNEL-CONSULTANTS		-	-	-	7,200
TOTAL		-	-	-	32	SEMINAR COSTS		-	-	-	3,200
PARTICIPANTS	PR	-	-	-	32	PARTICIPANTS		-	-	-	12,000

AMRO-6600, DENTAL EDUCATION

THE STANDARDS OF TEACHING IN THE 101 SCHOOLS OF DENTISTRY EXISTING IN LATIN AMERICA VARY CONSIDERABLY FROM ONE SCHOOL TO ANOTHER. THE NUMBER OF TEACHERS IS LIMITED, AND THERE IS A SCARCITY OF TRAINING CENTERS AS WELL AS A LACK OF POLICY ON CONTINUING EDUCATION. THE ADMINISTRATION OF DENTAL EDUCATIONAL INSTITUTIONS NEEDS STRENGTHENING, AND THE FIELD OF COMMUNITY DENTAL PRACTICE HAS BEEN DEVELOPED IN ONLY A FEW COUNTRIES.

THE PURPOSE OF THIS PROJECT IS TO ASSIST IN IMPROVING DENTAL EDUCATION BY TRAINING PROFESSORS OF DENTISTRY, GIVING PARTICULAR EMPHASIS TO PUBLIC HEALTH AND PREVENTIVE AND SOCIAL DENTISTRY. IT IS ALSO PLANNED TO ESTABLISH A COORDINATED PROGRAM OF CONTINUING AND POSTGRADUATE DENTAL EDUCATION, AS WELL AS AN EDUCATIONAL NETWORK FOR INTERCHANGE OF INFORMATION.

IT IS PROPOSED TO ORGANIZE IN 1970 AN INTERNATIONAL COURSE TO TRAIN DENTAL LIBRARIANS AND A WORKSHOP ON AREAS OF PRIORITY AND DEVELOPMENT OF STRUCTURE OF CONTINUING EDUCATION IN LATIN AMERICA. FOR 1971, A SECOND INTERNATIONAL COURSE FOR PROFESSORS ON PREVENTIVE AND SOCIAL DENTISTRY IS TO BE ORGANIZED, A SECOND COURSE FOR DENTAL LIBRARIANS, THE FIRST INTERNATIONAL COURSE ON DENTAL MATERIALS, AND A SEMINAR AND COURSE ON SYSTEMS FOR THE DELIVERY OF DENTAL SERVICES.

		1	1	1	1	TOTAL		13,512	6,097	12,012	12,328
TOTAL											
G-4 SECRETARY .0876	PR	1	1	1	1	SUBTOTAL	PR	7,006	6,097	12,012	12,328
TOTAL		2	1	3	3	PERSONNEL-POSTS		7,006	4,297	4,612	4,928
CONSULTANT MONTHS	PR	-	1	3	3	PERSONNEL-CONSULTANTS		-	1,800	5,400	5,400
CONSULTANT MONTHS	WR	2	-	-	-	SUPPLIES AND EQUIPMENT		-	-	2,000	2,000
						SUBTOTAL	WR	6,506	-	-	-
						PERSONNEL-CONSULTANTS		5,476	-	-	-
						SUPPLIES AND EQUIPMENT		1,030	-	-	-

AMRO-6608, TRAINING OF AUXILIARY DENTAL PERSONNEL

IN LATIN AMERICA, THE 101 DENTAL SCHOOLS IN OPERATION OFFER VERY FEW REGULAR COURSES FOR AUXILIARY DENTAL PERSONNEL. THE SCARCITY OF PERSONNEL, INCLUDING AUXILIARIES, PRESENTS SERIOUS PROBLEMS, OWING TO THE MILDISTRIBUTION AND LACK OF AVAILABILITY OF HEALTH SERVICES IN THE FACE OF INCREASING POPULATIONS. THE PURPOSE OF THIS PROJECT IS TO PROMOTE THE TRAINING AND UTILIZATION OF VARIOUS TYPES OF DENTAL AUXILIARIES SO THAT THE APPLICATION OF PREVENTIVE AND CURATIVE DENTAL MEASURES MAY BE EXTENDED TO A LARGER PERCENTAGE OF THE POPULATION, THEREBY INCREASING THE PRODUCTIVITY OF THE DENTIST.

		1	2	2	4	TOTAL	PR	3,122	5,600	5,600	10,700
TOTAL											
CONSULTANT MONTHS	PR	1	2	2	4	PERSONNEL-CONSULTANTS		1,933	3,600	3,600	7,200
						SUPPLIES AND EQUIPMENT		1,189	2,000	2,000	3,500

AMRO-6609, LATIN AMERICAN ASSOCIATION OF DENTAL SCHOOLS

THE AMERICAN DENTAL ASSOCIATION MAKES AVAILABLE EACH YEAR A GRANT FOR THE ASOCIACION LATINOAMERICANA DE FACULTADES DE ODONTOLOGIA TO ASSIST THE STAFFING AND PROGRAMS OF THE ASSOCIATION IN THE PROMOTION OF TEACHING OF DENTISTRY IN LATIN AMERICA. THE ASSOCIATION HAS ESTABLISHED A REGIONAL OFFICE AND A NETWORK FOR INTERCHANGE OF INFORMATION BETWEEN DENTAL SCHOOLS, IN ADDITION TO PUBLISHING A JOURNAL.

	PG	10,000	10,000	10,000	10,000
TOTAL					
LOCAL COSTS		10,000	10,000	10,000	10,000

AMRO-6700, BIostatISTICS EDUCATION

THIS PROJECT WAS ESTABLISHED FOR THE PURPOSE OF IMPROVING VITAL AND HEALTH STATISTICS IN LATIN AMERICAN COUNTRIES BY TRAINING TECHNICAL PERSONNEL OF THE STATISTICAL SERVICES. THE INITIAL STEP WAS THE DEVELOPMENT OF A TRAINING CENTER AT THE SCHOOL OF PUBLIC HEALTH OF THE UNIVERSITY OF CHILE, WITH TEACHING IN SPANISH, FIRST FOR STUDENTS AT AN INTERMEDIATE LEVEL AND, BEGINNING IN 1961, AT THE PROFESSIONAL LEVEL.

A MEETING OF THE REGIONAL ADVISORY COMMITTEE ON HEALTH STATISTICS RECOMMENDED THE CREATION OF NEW RESEARCH AND TRAINING CENTERS ON MEDICAL STATISTICS AND THE STRENGTHENING OF EXISTING ONES. FOLLOWING THESE RECOMMENDATIONS, THIS CENTER IN CHILE REDESIGNED THE 15-MONTH COURSE TO OFFER GREATER DEPTH IN STATISTICAL METHODOLOGY IN A COURSE OF TWO YEARS, PREPARING BIostatISTICIANS FOR TEACHING OF STATISTICS IN MEDICAL SCHOOLS AND FOR RESEARCH. A CENTER FOR BIostatISTICS AND DEMOGRAPHY WAS INITIATED IN THE FACULTY OF MEDICINE OF THE UNIVERSITY OF BUENOS AIRES IN 1969.

. . . CONTINUED

AMRO-6700, BIOSSTATISTICS EDUCATION . . . CONTINUED

	FUND	1969	1970	1971	1972		FUND	1969	1970	1971	1972
						TOTAL		\$	\$	\$	\$
TOTAL		-	8	8	8	TOTAL	WT	15,000	51,000	51,000	51,000
CONSULTANT MONTHS	WT	-	8	8	8	PERSONNEL-CONSULTANTS		-	16,800	16,800	16,800
TOTAL		-	4	4	4	CONTRACTUAL SERVICES		15,000	15,000	15,000	15,000
FELLOWSHIPS-ACADEMIC	WT	-	4	4	4	FELLOWSHIPS		-	19,200	19,200	19,200

AMRO-6707, LATIN AMERICAN CENTER FOR CLASSIFICATION OF DISEASES

THE PURPOSE OF THE LATIN AMERICAN CENTER FOR CLASSIFICATION OF DISEASES ESTABLISHED IN COLLABORATION WITH THE GOVERNMENT OF VENEZUELA IS TO STUDY PROBLEMS OF MEDICAL CERTIFICATION OF CAUSES OF DEATH AND TO ASSIST IN IMPROVING MEDICAL CERTIFICATION IN LATIN AMERICA. THE CENTER PROVIDES INSTRUCTION AND TEACHING MATERIALS FOR CODING DISEASES AND CAUSES OF DEATH. IT SERVES AS A CLEARING CENTER FOR PROBLEMS ARISING IN THE APPLICATION OF THE SPANISH EDITION OF THE MANUAL OF THE INTERNATIONAL CLASSIFICATION OF DISEASES, INJURIES, AND CAUSES OF DEATH.

THE EIGHTH REVISION OF THE CLASSIFICATION CAME INTO EFFECT IN 1968 AND WAS PUBLISHED IN SPANISH. IN 1969 AND 1970, TWO VOLUMES (THE TABULAR LIST AND THE INDEX) WILL BE PREPARED IN PORTUGUESE. PLANS ARE BEING MADE TO DEVELOP RECOMMENDATIONS FOR THE NINTH REVISION IN 1975, INCLUDING THE STUDY OF MULTIPLE CAUSES OF DEATH.

		1	1	1	1	TOTAL	WR	22,012	25,278	29,657	30,348
TOTAL		1	1	1	1	TOTAL		10,623	10,978	11,757	12,448
P-1 STATISTICIAN 4.2069	WR	1	1	1	1	PERSONNEL-POSTS		-	1,800	5,400	5,400
TOTAL		-	1	3	3	PERSONNEL-CONSULTANTS		4,218	1,500	1,500	1,500
CONSULTANT MONTHS	WR	-	1	3	3	DUTY TRAVEL		171	4,000	4,000	4,000
						SUPPLIES AND EQUIPMENT		7,000	7,000	7,000	7,000
						GRANTS					

AMRO-6708, TRAINING PROGRAM IN HOSPITAL STATISTICS

ONE OF THE CHIEF SOURCES OF BASIC DATA FOR HEALTH PLANNING IS THE HOSPITAL, AND AT THE PRESENT TIME THE LARGE NUMBERS OF TRAINED PERSONNEL REQUIRED FOR COLLECTING AND PROCESSING HOSPITAL INFORMATION ARE NOT AVAILABLE. HOSPITAL STATISTICS ARE NEEDED TO IMPROVE PATIENT CARE, TO DEVELOP EFFICIENT HOSPITAL SERVICES, TO PLAN FOR HEALTH SERVICES AT LOCAL AND NATIONAL LEVELS, AND TO PROVIDE INFORMATION ON HEALTH CONDITIONS OF THE POPULATION.

SINCE 1961, THE ORGANIZATION HAS COOPERATED IN DEVELOPING COURSES ON MEDICAL RECORDS AND HOSPITAL STATISTICS FOR INTERMEDIATE AND AUXILIARY LEVEL STATISTICAL PERSONNEL. STEPS ARE NOW BEING TAKEN TO DEVELOP IN A FEW COUNTRIES UNIVERSITY-LEVEL TRAINING IN MEDICAL RECORDS. CONSULTANT SERVICES ARE ALSO GIVEN ON THE ORGANIZATION OF MEDICAL RECORDS DEPARTMENTS IN HOSPITALS AND ON CENTRAL DATA PROCESSING SYSTEMS FOR HOSPITAL STATISTICS.

		5	5	5	5	TOTAL	PR <sup>2</sup>	49,252	76,583	84,319	88,527
TOTAL		5	5	5	5	TOTAL		39,783	66,583	74,319	78,527
P-4 HOSPITAL STATISTICIAN .0980	PR	1	1	1	1	PERSONNEL-POSTS		8,869	9,000	9,000	9,000
P-3 MEDICAL RECORDS LIBRARIAN .0840 .0981 .2061	PR	3	3	3	3	DUTY TRAVEL		600	1,000	1,000	1,000
G-4 SECRETARY .2128	PR	1	1	1	1	SUPPLIES AND EQUIPMENT					

<sup>2</sup>SEE SPECIAL FUND FOR HEALTH PROMOTION, PART IV.

AMRO-6709, RESEARCH TRAINING PROGRAMS IN HEALTH AND POPULATION DYNAMICS

FUNDS UNDER THIS PROJECT WERE USED TO ESTABLISH TWO RESEARCH TRAINING PROGRAMS IN HEALTH AND POPULATION DYNAMICS: ONE IN SANTIAGO, CHILE AND ONE IN SÃO PAULO, BRAZIL. THE U. S. AGENCY FOR INTERNATIONAL DEVELOPMENT PROVIDED A GRANT TO THE ORGANIZATION TO AID IN THE DEVELOPMENT OF ITS PROGRAM OF RESEARCH TRAINING IN VARIOUS ASPECTS OF POPULATION DYNAMICS AND ITS RELATIONSHIP TO PUBLIC HEALTH AND MEDICAL CARE FOR THE LATIN AMERICAN AREA. THE FUNDS ESTABLISHED BY THE GRANT WERE FOR THE DEVELOPMENT AND EXPANSION OF RESEARCH TRAINING CENTERS IN BRAZIL AND CHILE, INCLUDING THE PREPARATION OF GUIDELINES AND COURSE MATERIALS WHICH WOULD ASSIST MEDICAL SCHOOLS IN LATIN AMERICA TO CONDUCT COURSES IN DEMOGRAPHY. THE FUNDS WERE ALSO USED FOR A STUDY ON TRAINING FACILITIES IN THE FIELDS OF POPULATION AND FAMILY PLANNING, A WORKING GROUP ON ABORTION RESEARCH, A STUDY ON THE PARTICIPATION OF THE HEALTH SECTOR IN POPULATION POLICY, AND SEMINARS TO INCORPORATE THE PHYSIOLOGICAL, SOCIAL, AND CLINICAL ASPECTS OF POPULATION IN MEDICAL EDUCATION.

		2	-	-	-	TOTAL	PG	24,671	-	-	-
TOTAL		2	-	-	-	TOTAL		1,123	-	-	-
CONSULTANT MONTHS	PG	2	-	-	-	PERSONNEL-CONSULTANTS		9,066	-	-	-
						DUTY TRAVEL		2,279	-	-	-
						SEMINAR COSTS		214	-	-	-
						CONTRACTUAL SERVICES		5,090	-	-	-
						FELLOWSHIPS		6,899	-	-	-

## PART IV - SPECIAL FUND FOR HEALTH PROMOTION

PROGRAM BUDGET<sup>a</sup>

1969		1970			1971		1972	
AMOUNT	PER CENT	AMOUNT	PER CENT		AMOUNT	PER CENT	AMOUNT	PER CENT
\$	%	\$	%		\$	%	\$	%
250,000	100.0	250,000	100.0	VII. INCREASE TO ASSETS	250,000	100.0	250,000	100.0
229,639	91.9	250,000	100.0	REPAYMENT OF LOAN	250,000	100.0	250,000	100.0
20,361	8.1	-	-	TRANSFER TO SPECIAL FUND	-	-	-	-

SUMMARY OF INVESTMENT<sup>a</sup>

FUND	TOTAL AMOUNT	PERSONNEL				DUTY TRAVEL	FELLOWSHIPS		SEMINARS		SUPPLIES AND EQUIPMENT	GRANTS AND OTHER
		POSTS PROF.	LOCAL	STC MOS.	AMOUNT		ACAD.	SHORT	AMOUNT	PART.		
	\$				\$	\$			\$	\$	\$	\$
<u>1969</u>												
PR PAHO REGULAR	250,000	-	-	-	-	-	-	-	-	-	-	250,000
PER CENT OF TOTAL	100.0	-	-	-	-	-	-	-	-	-	-	100.0
<u>1970</u>												
PR PAHO REGULAR	250,000	-	-	-	-	-	-	-	-	-	-	250,000
PER CENT OF TOTAL	100.0	-	-	-	-	-	-	-	-	-	-	100.0
<u>1971</u>												
PR PAHO REGULAR	250,000	-	-	-	-	-	-	-	-	-	-	250,000
PER CENT OF TOTAL	100.0	-	-	-	-	-	-	-	-	-	-	100.0
<u>1972</u>												
PR PAHO REGULAR	250,000	-	-	-	-	-	-	-	-	-	-	250,000
PER CENT OF TOTAL	100.0	-	-	-	-	-	-	-	-	-	-	100.0

<sup>a</sup> IN ORDER TO AVOID A CUMBERSOME AND DIVIDED PRESENTATION OF THE FIELD PROGRAM, THE PROJECTS AND PORTIONS OF PROJECTS TO BE FINANCED UNDER THIS PART ARE INCLUDED WITH ALL THE OTHER FIELD PROJECTS PRESENTED IN PART III UNDER THE RESPECTIVE COUNTRY AND INTERCOUNTRY HEADINGS, WHERE THEY ARE IDENTIFIED BY FOOTNOTES. SINCE THESE PROJECTS ARE INCLUDED IN THE COUNTRY AND ZONE SUMMARIES, THE NUMBERS MARKED IN THESE TABLES ARE "NON-ADD" FIGURES. SEE THE NARRATIVE PORTION OF THE "DETAIL" SECTION BELOW FOR A FURTHER EXPLANATION OF THE SPECIAL FUND FOR HEALTH PROMOTION.

FUND 1969 1970 1971 1972

FUND 1969 1970 1971 1972  
\$ \$ \$ \$

DETAIL

PART IV - SPECIAL FUND FOR HEALTH PROMOTION

THE SPECIAL FUND FOR HEALTH PROMOTION IS BASED ON AN AGREEMENT WITH THE W. K. KELLOGG FOUNDATION, UNDER WHICH THE FOUNDATION AGREED TO LEND TO THE PAN AMERICAN HEALTH ORGANIZATION THE SUM OF \$5,000,000 TO BE USED TOWARD ERECTING A HEADQUARTERS BUILDING FOR THE PAN AMERICAN HEALTH ORGANIZATION AND REGIONAL OFFICE FOR THE AMERICAS OF THE WORLD HEALTH ORGANIZATION. THIS LOAN IS REPAYABLE IN ANNUAL INSTALLMENTS, AS AGREED, BEGINNING IN 1962 AND TO BE REPAYED IN FULL ON OR BEFORE 1 JANUARY 1982, WITHOUT INTEREST. INSTEAD OF GOING TO THE FOUNDATION, HOWEVER, THESE ANNUAL PAYMENTS SHALL BE ALLOCATED TO A SPECIAL FUND FOR HEALTH PROMOTION TO FINANCE EXPANDED PROGRAM ACTIVITIES. IN VIEW OF THE NATURE OF THIS ALLOCATION, IT IS UNDERSTOOD THAT THE REMAINING ITEMS OF THE BUDGET WILL COVER AND NOT REDUCE REGULAR PROGRAM ACTIVITIES.

THE ORGANIZATION IS REQUIRED TO USE THE FUND TO EXPAND ACTIVITIES RELATING TO (1) COMMUNITY WATER SUPPLIES, (2) NUTRITION, AND (3) EDUCATIONAL AND TRAINING ACTIVITIES, INCLUDING FELLOWSHIPS, ALTHOUGH THE ORGANIZATION MAY FROM TIME TO TIME REVISE THESE EXPANDED ACTIVITIES UPON APPROVAL BY THE DIRECTING COUNCIL OR THE CONFERENCE AND GIVE NOTICE THEREOF TO THE FOUNDATION.

LISTED BELOW ARE ALL PROJECTS COMPRISING THE SPECIAL FUND, DETAILS OF WHICH MAY BE FOUND BY REFERENCE TO THE INDEX OF PROJECTS. INDIVIDUAL PROJECTS ARE FOOTNOTED THROUGHOUT THIS DOCUMENT.

<u>TOTAL FUNDS</u>	PR	<u>250,000</u>	<u>250,000</u>	<u>250,000</u>	<u>250,000</u>
WATER SUPPLIES: AMRO-2200, WATER SUPPLIES		-	60,875**	-	-
MATERNAL AND CHILD HEALTH: AMRO-4109, NURSING MIDWIFERY		-	35,356**	46,996**	56,300**
NUTRITION: AMRO-4203, INSTITUTE OF NUTRITION OF CENTRAL AMERICA AND PANAMA		17,711**	-	-	-
DEVELOPMENT OF EDUCATIONAL INSTITUTIONS: AMRO-6000, MEDICAL EDUCATION: TEXTBOOKS AND TEACHING MATERIALS		211,928	100,000	100,000	120,000
SANITARY ENGINEERING EDUCATION: AMRO-6400, SANITARY ENGINEERING EDUCATION		-	39,827	40,192	41,772
BIOSTATISTICS EDUCATION: AMRO-6708, TRAINING PROGRAM IN HOSPITAL STATISTICS		-	13,942**	62,812**	31,928**
TRANSFER TO SPECIAL FUND		20,361	-	-	-

\*\* PARTIAL

## PART V - INCREASE TO ASSETS

## PROGRAM BUDGET

1969		1970		1971				1972			
AMOUNT	PER CENT	AMOUNT	PER CENT	AMOUNT	PER CENT	AMOUNT	PER CENT	AMOUNT	PER CENT		
\$	%	\$	%	\$	%	\$	%	\$	%		
-	-	150,000	100.0	VII. INCREASE TO ASSETS				290,000	100.0	350,000	100.0

## SUMMARY OF INVESTMENT

FUND	TOTAL AMOUNT	PERSONNEL				DUTY TRAVEL	FELLOWSHIPS			SEMINARS		SUPPLIES AND EQUIPMENT	GRANTS AND OTHER
		POSTS	STC	AMOUNT	MOS.		ACAD.	SHORT	AMOUNT	PART.	AMOUNT		
	\$	PROF.	LOCAL	\$		\$			\$	\$	\$	\$	
<u>1969</u>													
PR PAHO REGULAR	-	-	-	-	-	-	-	-	-	-	-	-	
PER CENT OF TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	
<u>1970</u>													
PR PAHO REGULAR	150,000	-	-	-	-	-	-	-	-	-	-	150,000	
PER CENT OF TOTAL	100.0	-	-	-	-	-	-	-	-	-	-	100.0	
<u>1971</u>													
PR PAHO REGULAR	290,000	-	-	-	-	-	-	-	-	-	-	290,000	
PER CENT OF TOTAL	100.0	-	-	-	-	-	-	-	-	-	-	100.0	
<u>1972</u>													
PR PAHO REGULAR	350,000	-	-	-	-	-	-	-	-	-	-	350,000	
PER CENT OF TOTAL	100.0	-	-	-	-	-	-	-	-	-	-	100.0	

## DETAIL

THE XI DIRECTING COUNCIL (1959) ESTABLISHED THE POLICY FOR THE WORKING CAPITAL FUND BY DECIDING IN RESOLUTION VII "TO APPROVE THE ASSIGNMENT OF A PORTION OF THE BUDGET FOR GRADUALLY INCREASING THE WORKING CAPITAL FUND UNTIL THE AUTHORIZED LEVEL HAS BEEN REACHED, AND FOR MAINTAINING THE FUND AT THAT LEVEL." BASED ON A STUDY OF REQUIREMENTS OVER A FIVE-YEAR PERIOD AND TAKING INTO ACCOUNT THE FACT THAT THE FINANCIAL YEAR OF SOME MAJOR CONTRIBUTORS BEGINS IN JULY, IT WAS RECOMMENDED IN THE FINANCIAL REPORT OF THE DIRECTOR FOR 1966 (OD 75) THAT IN THE FUTURE THE AMOUNT BUDGETED FOR THE WORKING CAPITAL FUND BE ESTABLISHED WITH A VIEW TO ATTAINING A LEVEL OF 40 PER CENT OF THE BUDGET. ACCORDINGLY, PROVISION IS MADE FOR \$290,000 IN 1971 AND \$350,000 IN 1972.

## PART VI - PAN AMERICAN FOOT-MOUTH DISEASE CENTER

## PROGRAM BUDGET

1969		1970			1971		1972	
AMOUNT	PERCENT	AMOUNT	PERCENT		AMOUNT	PERCENT	AMOUNT	PERCENT
\$ 1,076,215	100.0	\$ 1,320,716	100.0	I. PROTECTION OF HEALTH	\$ 1,405,034	100.0	\$ 1,545,537	100.0
1,076,215	100.0	1,320,716	100.0	A. COMMUNICABLE DISEASES	1,405,034	100.0	1,545,537	100.0
1,076,215	100.0	1,320,716	100.0	0800 FOOT-AND-MOUTH DISEASE	1,405,034	100.0	1,545,537	100.0
1,076,215	100.0	1,320,716	100.0	GRAND TOTAL	1,405,034	100.0	1,545,537	100.0

\* LESS THAN .05 PERCENT

## SUMMARY OF INVESTMENT

SOURCE OF FUNDS	TOTAL AMOUNT	*PERSONNEL*			*DUTY TRAVEL*	*FELLOWSHIPS*		*SEMINARS*		*SUPPLIES AND EQUIPMENT*	*GRANTS AND OTHER*
		POSTS PROF.	LOCAL	STC MONTH	AMOUNT	ACAD.	SHORT	AMOUNT	PART.	AMOUNT	AMOUNT
1969											
PAHO---PR	1,069,035	26	130	7	765,426		34	17,021	-	213,943	32,109
PG	7,180	-	-	-	-	-	-	-	-	1,493	5,687
TOTAL	1,076,215	26	130	7	765,426		34	17,021	-	215,436	37,796
PER CENT OF TOTAL	100.0				71.1		3.8	1.6		20.0	3.5
1970											
PAHO---PR	1,320,716	26	135	3	1,090,316	20	23	34,242	-	116,985	30,755
TOTAL	1,320,716	26	135	3	1,090,316	20	23	34,242	-	116,985	30,755
PER CENT OF TOTAL	100.0				82.6		3.7	2.6		8.8	2.3
1971											
PAHO---PR	1,405,034	26	133	3	1,124,880	24	34	44,766	-	144,432	26,770
TOTAL	1,405,034	26	133	3	1,124,880	24	34	44,766	-	144,432	26,770
PER CENT OF TOTAL	100.0				80.1		4.6	3.2		10.2	1.9
1972											
PAHO---PR	1,545,537	26	136	3	1,243,992	24	20	40,763	-	164,365	32,521
TOTAL	1,545,537	26	136	3	1,243,992	24	20	40,763	-	164,365	32,521
PER CENT OF TOTAL	100.0				80.5		4.2	2.6		10.6	2.1

PAHO PR-REGULAR BUDGET  
 PM-SPECIAL FUND FOR MALARIA ERADICATION  
 PW-COMMUNITY WATER SUPPLY  
 PG-GRANTS AND OTHER CONTRIBUTIONS  
 PI-INCAP AND OTHER RELATED GRANTS

WHO WR-REGULAR BUDGET  
 WA-MALARIA ERADICATION SPECIAL ACCOUNT  
 WT-UNITED NATIONS TECHNICAL ASSISTANCE  
 WS-UNITED NATIONS SPECIAL FUND  
 WO-GRANTS AND OTHER FUNDS



AMRO-0800, PAN AMERICAN FOOT-AND-MOUTH DISEASE CENTER . . . CONTINUED

		FUND	1969	1970	1971	1972
			-----	-----	-----	-----
			\$	\$	\$	\$
G-5	LABORATORY TECHNICIAN	PR		3	3	3
	.0655 .0657 .0659					
G-5	SECRETARY	PR		4	4	5
	.0650 .0651 .1078 .3233					
	.3588 .3594					
G-4	ACCOUNTING CLERK	PR		1	1	1
	.0672					
G-4	LABORATORY ASSISTANT	PR		3	3	3
	.0661 .0663 .0668					
G-4	PROCUREMENT CLERK	PR		1	1	1
	.0660					
G-4	SECRETARY	PR		-	1	1
	.3460					
G-4	SENIOR CLERK	PR		3	3	3
	.0666 .0998 .1000					
G-3	CLERK	PR		4	4	4
	.0662 .0664 .0671 .0999					
	.3595 .3596					
G-3	CLERK TYPIST	PR		1	1	1
	.0699					
G-3	FOREMAN	PR		2	2	2
	.0670 .0690					
G-3	LABORATORY ASSISTANT	PR		7	7	9
	.0665 .0667 .0669 .0683					
	.0698 .0997 .3234 .3589					
	.3590					
G-3	STOREKEEPER	PR		1	1	1
	.0674					
G-2	CLERK	PR		1	1	1
	.0685					
G-2	DRIVER	PR		7	7	7
	.0675 .0676 .0677 .0694					
	.0700 .0701 .0719					
G-2	GUARD	PR		2	2	-
	.0684 .0691					
G-2	LABORATORY HELPER	PR		10	10	10
	.0673 .0680 .0681 .0682					
	.0686 .0687 .0688 .0697					
	.0754 .0755					
G-2	LABORER	PR		7	7	7
	.0678 .0679 .0695 .0696					
	.0702 .0703 .1001					
G-2	MESSENGER	PR		1	1	1
	.0692					
G-1	GUARD	PR		3	3	-
	.0689 .0693 .0711					
G-1	LABORER	PR		51	55	55
	.0704 .0705 .0706 .0707					
	.0708 .0709 .0710 .0712					
	.0713 .0714 .0715 .0716					
	.0717 .0718 .0720 .0721					
	.0722 .0723 .0724 .0725					
	.0726 .0727 .0729 .0730					
	.0731 .0732 .0733 .0734					
	.0736 .0737 .0738 .0739					
	.0740 .1003 .3235 .3236					
	.3237 .3238 .3239 .3240					
	.3241 .3242 .3243 .3244					
	.3245 .3246 .3247 .3248					
	.3249 .3250 .3251 .3252					
	.3253 .3254 .3255 .3591					
	.3592					
G-1	MESSENGER	PR		1	1	1
	.0735					
G-1	TELEPHONE OPERATOR	PR		1	1	1
	.0728					
TOTAL				7	3	3
CONSULTANT MONTHS		PR		7	3	3
TOTAL				34	43	44
FELLOWSHIPS-ACADEMIC		PR		-	20	24
FELLOWSHIPS-SHORT TERM		PR		34	23	34



ANNEX 1  
METHOD OF PREPARATION

FORM OF PRESENTATION

GENERAL

THE PROPOSED PROGRAM AND BUDGET ESTIMATES CONTAINED IN THIS DOCUMENT ARE PRESENTED IN THE SAME MANNER AS THOSE OF THE PREVIOUS BUDGET DOCUMENT, INCLUDING THE LATEST ACTUAL YEAR, AS WELL AS AN ATTRIBUTION OF SERVICES FROM INTERCOUNTRY PROJECTS TO THE VARIOUS MEMBER GOVERNMENTS.

IN ACCORDANCE WITH RESOLUTION VII OF THE XVIII MEETING OF THE DIRECTING COUNCIL CONCERNING THE TAX EQUALIZATION FUND, PROVISION IS MADE FOR THE SUM OF \$1,712,834 IN 1971. THIS AMOUNT REPRESENTS THE DIFFERENCE BETWEEN THE ESTIMATED 1971 GROSS AND NET SALARY COSTS. WHILE THE AMOUNT OF \$1,712,834 IS INCLUDED IN THE PROPOSED APPROPRIATION RESOLUTION, IT IS NOT INCLUDED IN THE BODY OF THE BUDGET PRESENTATION SINCE IT DOES NOT AFFECT THE TOTAL PROGRAM PROPOSED. THE PAHO REGULAR PROGRAM IN THIS DOCUMENT IS BASED ONLY UPON THE EFFECTIVE WORKING BUDGET OF \$15,237,331, WHICH INCLUDES \$205,000 IN MISCELLANEOUS INCOME.

IN GENERAL, THE MATERIAL IS SELF-EXPLANATORY. HOWEVER, SOME ELABORATION MAY BE HELPFUL WITH RESPECT TO THE PORTION OF THE DOCUMENT ENTITLED "DETAILED SCHEDULES".

DETAILED SCHEDULES

ALL THE SCHEDULES INCLUDE NARRATIVE EXPLANATIONS, ACTUAL EXPENDITURES FOR 1969, AND THE ESTIMATES OVER A THREE-YEAR PERIOD. THE FIRST SCHEDULE IS FOR "ALL PARTS - ALL FUNDS" AND FACILITATES STUDY OF THE ENTIRE BUDGET IN SUMMARY FORM BY PART AND BY SOURCE OF FUND. THE FOLLOWING SCHEDULES, STARTING WITH PART I PRESENT DETAILED ESTIMATES FOR EACH ACTIVITY. A SUMMARY FOR EACH PART PRECEDES THE DETAILS.

FOR PART III OF THE BUDGET, THE PRESENTATION IS MADE BY SECTION. IN SECTION 1, ALL ZONE OFFICES ARE PRESENTED TOGETHER AND SECTION 2 COVERS EDITORIAL SERVICES AND PUBLICATIONS. IN SECTION 3 WILL BE FOUND THE COUNTRY PROJECTS, AFTER WHICH IS AN ATTRIBUTION OF SERVICES FROM INTERCOUNTRY PROJECTS TO THE PARTICULAR COUNTRY. AFTER THE ZONES, THERE ARE PRESENTED THE SCHEDULES FOR COUNTRY PROJECTS ADMINISTERED BY THE WASHINGTON OFFICE AND FOR THE INTERCOUNTRY PROGRAMS.

PART IV IS DEVOTED TO THE SPECIAL FUND FOR HEALTH PROMOTION. IN ORDER TO AVOID DIVISION OF THE FIELD PROGRAM, THE PROJECTS FALLING UNDER PART IV ARE PRESENTED WITH THE OTHER FIELD PROJECTS IN PART III, UNDER THE RESPECTIVE COUNTRY AND INTERCOUNTRY HEADINGS, AND ARE IDENTIFIED BY FOOTNOTES. PART IV ALSO INCLUDES A SCHEDULE GIVING A LIST AND ESTIMATED COST OF ALL PROJECTS TO BE FINANCED UNDER THIS FUND.

IN PART V, INCREASE TO ASSETS, THE AMOUNT FOR INCREASING THE WORKING CAPITAL FUND IS DISPLAYED IN ACCORDANCE WITH A DECISION OF THE XI DIRECTING COUNCIL (RESOLUTION VII), AND IN PART VI THE ESTIMATES FOR THE PAN AMERICAN FOOT-AND-MOUTH DISEASE CENTER ARE PRESENTED.

METHOD OF COMPUTATION

ALL ESTIMATES ARE EXPRESSED IN U. S. DOLLARS.

FOR THE YEAR 1970, THE LATEST ALLOTMENT ANALYSES COMPLETED PRIOR TO COMPLETION OF THIS DOCUMENT SERVE AS A BASIS FOR THE ESTIMATES.

THE SITUATION AS OF 1 JANUARY 1969 HAS BEEN USED FOR PROJECTING SALARIES AND COMMON STAFF COSTS FOR ALL ESTABLISHED POSITIONS OF THE BUDGET FOR THE YEARS 1971 AND 1972. POSTS ARE COSTED FOR THE FULL YEAR EXCEPT FOR:

- A) NEW POSTS, WHICH ARE COSTED FROM 1 MAY OF THE YEAR IN WHICH THEY ARE BUDGETED; AND
- B) VACANT POSTS, WHICH ARE COSTED FROM THE DATES THEY ARE EXPECTED TO BE FILLED.

A SIMPLIFIED SYSTEM OF AVERAGES HAS BEEN USED FOR COSTING OF POSTS FINANCED FROM PAHO FUNDS. THE AVERAGES, WHICH COMPRISE STATUTORY ENTITLEMENTS, WERE DEVELOPED TO PROVIDE FIGURES FOR FILLED OR VACANT POSTS IN THE WASHINGTON OFFICE OR IN FIELD ACTIVITIES, BY GRADE OF POST. THE AVERAGES ARE BASED ON THE ACTUAL TOTAL COST OF ALL POSTS; THE ESTIMATED COST OF A PARTICULAR OFFICE OR PROJECT MAY BE SLIGHTLY ABOVE OR BELOW THE ACTUAL COST, DEPENDING UPON THE LENGTH OF SERVICE, NUMBER OF DEPENDENTS, AND OTHER PERTINENT COST FACTORS OF STAFF MEMBERS EMPLOYED AT SUCH PROJECT OR OFFICE. THIS SMALL DIFFERENCE WOULD NOT AFFECT PLANNING OF INDIVIDUAL ACTIVITIES OR ANALYSIS OF THE BUDGET ACCORDING TO SUBJECT GROUPS, SINCE THE TOTAL BUDGET ESTIMATE FOR PERSONNEL COSTS IS THE SAME AS UNDER THE PREVIOUS SYSTEM OF DETAILED COSTING. THE AVERAGE SYSTEM HAS NOT BEEN APPLIED TO POSTS FUNDED BY WHO; THESE POSTS ARE COSTED ON A UNIT-FORM SYSTEM IN ALL REGIONS. UNDER THE WHO SYSTEM, FILLED POSTS ARE COSTED INDIVIDUALLY ON THE BASIS OF ACTUAL ENTITLEMENTS FOR THE INCUMBENT.

ESTIMATES FOR ELEMENTS OTHER THAN PERSONNEL ARE BASED ON PROGRAM REQUIREMENTS AS PLANNED.



ANNEX 2  
SUMMARY OF PROFESSIONAL AND LOCAL PERSONNEL

	N U M B E R   O F   P O S T S											
	TOTAL				PROFESSIONAL				LOCAL			
	1969	1970	1971	1972	1969	1970	1971	1972	1969	1970	1971	1972
<u>ALL PARTS - ALL FUNDS - TOTAL</u>	<u>1,362</u>	<u>1,381</u>	<u>1,394</u>	<u>1,389</u>	<u>662</u>	<u>674</u>	<u>685</u>	<u>666</u>	<u>700</u>	<u>707</u>	<u>709</u>	<u>723</u>
PR PAHO REGULAR	713	746	757	787	330	344	350	357	383	402	407	420
PM PAHO SPECIAL MALARIA	62	41	31	21	54	35	27	17	8	6	4	4
PW PAHO COMMUNITY WATER SUPPLY	-	2	2	2	-	2	2	2	-	-	-	-
PG GRANTS AND OTHER CONTRIBUTIONS TO PAHO	186	193	190	186	39	40	37	33	147	153	153	153
P1 INSTITUTE OF NUTRITION OF CENTRAL AMERICA AND PANAMA	103	94	94	94	7	20	20	20	96	74	74	74
WR WHO REGULAR	199	210	217	219	141	147	154	152	58	63	63	67
WA WHO MALARIA ERADICATION SPECIAL ACCOUNT	7	-	-	-	7	-	-	-	-	-	-	-
WT UNITED NATIONS TECHNICAL ASSISTANCE	53	50	61	54	53	50	61	54	-	-	-	-
WS UNITED NATIONS SPECIAL FUND	32	38	35	20	28	33	31	19	4	5	4	1
WO WHO GRANTS AND OTHER	7	7	7	6	3	3	3	2	4	4	4	4
<u>PART I - ORGANIZATIONAL MEETINGS - TOTAL</u>	<u>18</u>	<u>20</u>	<u>20</u>	<u>20</u>	<u>9</u>	<u>10</u>	<u>10</u>	<u>10</u>	<u>9</u>	<u>10</u>	<u>10</u>	<u>10</u>
PR PAHO REGULAR	13	15	15	15	5	6	6	6	8	9	9	9
WR WHO REGULAR	5	5	5	5	4	4	4	4	1	1	1	1
<u>PART II - HEADQUARTERS - TOTAL</u>	<u>270</u>	<u>280</u>	<u>280</u>	<u>282</u>	<u>107</u>	<u>109</u>	<u>110</u>	<u>110</u>	<u>163</u>	<u>171</u>	<u>170</u>	<u>172</u>
PR PAHO REGULAR	183	193	194	196	70	72	73	73	113	121	121	123
WR WHO REGULAR	83	83	82	82	35	35	35	35	48	48	47	47
WO WHO GRANTS AND OTHER	4	4	4	4	2	2	2	2	2	2	2	2
<u>PART III - FIELD AND OTHER PROGRAMS - TOTAL</u>	<u>918</u>	<u>920</u>	<u>935</u>	<u>925</u>	<u>520</u>	<u>529</u>	<u>539</u>	<u>520</u>	<u>398</u>	<u>391</u>	<u>396</u>	<u>405</u>
<u>ZONE OFFICES - SUBTOTAL</u>	<u>72</u>	<u>73</u>	<u>73</u>	<u>73</u>	<u>11</u>	<u>11</u>	<u>11</u>	<u>11</u>	<u>61</u>	<u>62</u>	<u>62</u>	<u>62</u>
PR PAHO REGULAR	68	69	69	69	10	10	10	10	58	59	59	59
PM PAHO SPECIAL MALARIA	3	3	3	3	-	-	-	-	3	3	3	3
WR WHO REGULAR	1	1	1	1	1	1	1	1	-	-	-	-
<u>EDITORIAL SERVICES AND PUBLICATIONS - SUBTOTAL</u>	<u>23</u>	<u>21</u>	<u>21</u>	<u>21</u>	<u>12</u>	<u>10</u>	<u>10</u>	<u>10</u>	<u>11</u>	<u>11</u>	<u>11</u>	<u>11</u>
PR PAHO REGULAR	19	17	17	17	11	9	9	9	8	8	8	8
WR WHO REGULAR	4	4	4	4	1	1	1	1	3	3	3	3
<u>PROJECTS - SUBTOTAL</u>	<u>823</u>	<u>826</u>	<u>841</u>	<u>831</u>	<u>497</u>	<u>508</u>	<u>518</u>	<u>499</u>	<u>326</u>	<u>318</u>	<u>323</u>	<u>332</u>
PR PAHO REGULAR	274	291	303	328	208	221	226	243	66	70	77	85
PM PAHO SPECIAL MALARIA	59	38	28	18	54	35	27	17	5	3	1	1
PW PAHO COMMUNITY WATER SUPPLY	-	2	2	2	-	2	2	2	-	-	-	-
PG GRANTS AND OTHER CONTRIBUTIONS TO PAHO	186	193	190	186	39	40	37	33	147	153	153	153
P1 INSTITUTE OF NUTRITION OF CENTRAL AMERICA AND PANAMA	103	94	94	94	7	20	20	20	96	74	74	74
WR WHO REGULAR	106	117	125	127	100	106	113	111	6	11	12	16
WA WHO MALARIA ERADICATION SPECIAL ACCOUNT	7	-	-	-	7	-	-	-	-	-	-	-
WT UNITED NATIONS TECHNICAL ASSISTANCE	53	50	61	54	53	50	61	54	-	-	-	-
WS UNITED NATIONS SPECIAL FUND	32	38	35	20	28	33	31	19	4	5	4	1
WO WHO GRANTS AND OTHER	3	3	3	2	1	1	1	-	2	2	2	2
<u>PART VI - PAN AMERICAN FOOT-AND-MOUTH DISEASE CENTER - TOTAL</u>	<u>156</u>	<u>161</u>	<u>159</u>	<u>162</u>	<u>26</u>	<u>26</u>	<u>26</u>	<u>26</u>	<u>130</u>	<u>135</u>	<u>133</u>	<u>136</u>
PR PAHO REGULAR	156	161	159	162	26	26	26	26	130	135	133	136

## ANNEX 3

## DETAIL OF GRANTS AND OTHER CONTRIBUTIONS TO PAHO AND WHO

## BY SOURCE OF FUND AND BY PROGRAM

	1969	1970	1971	1972	PROJECT
	\$	\$	\$	\$	
A) BY SOURCE OF FUND					
PAHO GRANTS AND OTHER - TOTAL	3,305,270	4,858,925	2,773,733	2,419,639	
AGENCY FOR INTERNATIONAL DEVELOPMENT (PG)	804,430	1,841,162	455,743	258,635	
AMERICAN DENTAL ASSOCIATION (PG)	10,000	10,000	10,000	10,000	
BANQUE NATIONALE DE LA REPUBLIQUE D'HAITI (PG)	44,650	-	-	-	
BARBARA BLOOD FERRO FUND (PG)	576	-	-	-	
COLUMBIA UNIVERSITY (PG)	15,438	-	-	-	
COMMONWEALTH FUND (PG)	46,233	50,000	50,000	50,000	
CYANAMID (PG)	-	10,000	-	-	
DR. AND MRS. CLEMENT C. CLAY (PG)	1,500	-	-	-	
FORD FOUNDATION (PG)	-	119,300	135,500	120,000	
FOUNDATIONS' FUND FOR RESEARCH IN PSYCHIATRY (PG)	4,688	-	-	-	
GOVERNMENT OF ARGENTINA (PG)	293,504	481,639	462,629	490,892	
GOVERNMENT OF BRAZIL (PG)	56,145	93,892	60,274	85,000	
GOVERNMENT OF CHILE (PG)	1,081	-	-	-	
GOVERNMENT OF ECUADOR (PG)	1,140	-	-	-	
GOVERNMENT OF VENEZUELA (PG)	1,272	-	-	-	
INCAP - GRANTS AND OTHER CONTRIBUTIONS (PG)	854,528	615,347	585,128	554,746	
INCAP - REGULAR BUDGET FROM MEMBER COUNTRIES (P1)	420,952	394,545	394,545	394,545	
INTER-AMERICAN COUNCIL OF PSYCHIATRIC ASSOCIATION (PG)	8,264	-	-	-	
INTER-AMERICAN DEVELOPMENT BANK (PG)	18,157	29,843	-	-	
INTERNATIONAL BIOLOGICAL PROGRAM (PG)	1,500	-	-	-	
INSTITUTE FOR THE INTEGRATION OF LATIN AMERICA AND INTER-AMERICAN DEVELOPMENT BANK (PG)	2,045	-	-	-	
MACCLURE FOUNDATION (PG)	5,432	-	-	-	
MERCK INSTITUTE FOR THERAPEUTIC RESEARCH (PG)	27	80,000	-	-	
MILBANK MEMORIAL FUND (PG)	35,899	79,368	87,581	45,000	
MRS. MILDRED HAGEN (PG)	25	-	-	-	
NATIONAL ASSOCIATION FOR RETARDED CHILDREN (PG)	2,600	2,400	-	-	
NATIONAL LIBRARY OF MEDICINE (PG)	19,974	25,054	-	-	
ORGANIZATION OF AMERICAN STATES (PG)	27,434	256,633	65,594	23,488	
RESEARCH CORPORATION (PG)	122,144	128,150	73,361	-	
ROCKEFELLER FOUNDATION (PG)	809	63,190	60,000	60,000	
SQUIBB (PG)	-	10,000	-	-	
THE FEDERAL GOVERNMENT OF SWITZERLAND (PG)	-	54,000	48,000	52,000	
UNICEF (PG)	27,614	-	-	-	
UNITARIAN UNIVERSALIST SERVICE COMMITTEE, INC. (PG)	2,230	-	-	-	
UNIVERSITY OF MINAS GERAIS (PG)	7,756	-	-	-	
U. S. DEPARTMENT OF THE ARMY (PG)	7,000	15,000	-	-	
U. S. DEPARTMENT OF HEALTH, EDUCATION AND WELFARE (PG)	4,676	-	-	-	
USPHS - NATIONAL CENTER FOR URBAN AND INDUSTRIAL HEALTH (PG)	62,939	71,408	-	-	
USPHS - NATIONAL COMMUNICABLE DISEASE CENTER (PG)	243,981	235,816	234,928	234,040	
USPHS - NATIONAL INSTITUTES OF HEALTH (PG)	25,783	-	-	-	
WELLCOME FOUNDATION (PG)	607	16,000	16,000	16,000	
W. K. KELLOGG FOUNDATION (PG)	112,237	176,178	34,450	25,293	
WHO OTHER - TOTAL	142,858	116,635	103,354	97,826	
GOVERNMENT OF VENEZUELA (WO)	36,472	5,710	-	-	
SPECIAL ACCOUNT FOR SERVICING COSTS (WO)	78,254	80,305	92,354	97,826	
REIMBURSABLE (WO)	28,122	30,620	11,000	-	
GRAND TOTAL	3,448,128	4,975,560	2,877,087	2,517,465	

ANNEX 3 . . . CONTINUED  
DETAIL OF GRANTS AND OTHER CONTRIBUTIONS TO PAHO AND WHO

	<u>1964</u>	<u>1970</u>	<u>1971</u>	<u>1972</u>	<u>PROJECT</u>
	\$	\$	\$	\$	
<b>8) BY PROGRAM</b>					
<u>PROTECTION OF HEALTH</u> - TOTAL	<u>608,933</u>	<u>581,254</u>	<u>556,221</u>	<u>586,471</u>	
<u>ZOOZOSES</u>	<u>526,080</u>	<u>547,808</u>	<u>552,312</u>	<u>582,184</u>	
BARBARA BLOOD FERRO FUND (PG)	576	-	-	-	AMRO-0700
GOVERNMENT OF ARGENTINA (PG)	225,205	281,639	282,629	310,892	AMRO-0700
SPECIAL ACCOUNT FOR SERVICING COSTS (WO)	32,922	30,353	34,755	37,252	DEPARTMENT OF SPECIAL TECHNICAL SERVICES
USPHS - NATIONAL COMMUNICABLE DISEASE CENTER (PG)	243,981	235,816	234,928	234,040	AMRO-0710
USPHS - NATIONAL INSTITUTES OF HEALTH (PG)	23,169	-	-	-	AMRO-0700
WELLCOME FOUNDATION (PG)	227	-	-	-	AMRO-0700
<u>FOOT-AND-MOUTH DISEASE</u>	<u>7,180</u>	<u>-</u>	<u>-</u>	<u>-</u>	
AGENCY FOR INTERNATIONAL DEVELOPMENT (PG)	1,493	-	-	-	AMRO-0800
GOVERNMENT OF BRAZIL (PG)	5,687	-	-	-	AMRO-0800
<u>CHAGAS' DISEASE</u>	<u>380</u>	<u>-</u>	<u>-</u>	<u>-</u>	
WELLCOME TRUST (PG)	380	-	-	-	AMRO-1008
<u>GENERAL ENVIRONMENTAL HEALTH</u>	<u>12,486</u>	<u>3,603</u>	<u>3,909</u>	<u>4,287</u>	
SPECIAL ACCOUNT FOR SERVICING COSTS (WO)	3,479	3,603	3,909	4,287	AMRO-2114
UNICEF (PG)	6,156	-	-	-	WEST INDIES-2100
WHO REIMBURSABLE FROM FAO (WO)	2,851	-	-	-	BRAZIL-2102
<u>WATER SUPPLIES</u>	<u>62,807</u>	<u>29,843</u>	<u>-</u>	<u>-</u>	
BANQUE NATIONALE DE LA REPUBLIQUE D'HAITI (PG)	44,650	-	-	-	HAITI-2200
INTER-AMERICAN DEVELOPMENT BANK (PG)	18,157	29,843	-	-	AMRO-2219
<u>PROMOTION OF HEALTH</u> - TOTAL	<u>2,540,961</u>	<u>3,774,985</u>	<u>1,994,031</u>	<u>1,632,707</u>	
<u>GENERAL PUBLIC HEALTH</u>	<u>37,897</u>	<u>291,109</u>	<u>64,304</u>	<u>39,488</u>	
CYNAMID INTERNATIONAL (PG)	-	10,000	-	-	AMRO-3130
INTER-AMERICAN DEVELOPMENT BANK (PG)	2,045	-	-	-	AMRO-3122
INTERNATIONAL BIOLOGICAL PROGRAM (PG)	1,500	-	-	-	AMRO-3110
ORGANIZATION OF AMERICAN STATES (PG)	22,676	40,109	48,304	23,488	DOMINICAN REPUBLIC-3100
ORGANIZATION OF AMERICAN STATES (PG)	-	100,000	-	-	EL SALVADOR-3102
ORGANIZATION OF AMERICAN STATES (PG)	-	100,000	-	-	HONDURAS-3104
SQUIBB (PG)	-	10,000	-	-	AMRO-3130
U. S. DEPARTMENT OF THE ARMY (PG)	-	15,000	-	-	AMRO-3130
U. S. DEPARTMENT OF THE ARMY (PG)	7,000	-	-	-	AMRO-3110
U. S. DEPARTMENT OF HEALTH, EDUCATION AND WELFARE (PG)	4,676	-	-	-	AMRO-3110
WELLCOME TRUST (PG)	-	16,000	16,000	16,000	AMRO-3129
<u>NURSING</u>	<u>23,621</u>	<u>23,674</u>	<u>25,013</u>	<u>25,293</u>	
W. K. KELLOGG FOUNDATION (PG)	23,621	23,674	25,013	25,293	GUATEMALA-3200
<u>LABORATORY</u>	<u>27</u>	<u>80,000</u>	<u>-</u>	<u>-</u>	
MERCK INSTITUTE FOR THERAPEUTIC RESEARCH (PG)	27	80,000	-	-	AMRO-3310
<u>HEALTH EDUCATION</u>	<u>14,285</u>	<u>-</u>	<u>-</u>	<u>-</u>	
GOVERNMENT OF ARGENTINA (PG)	14,285	-	-	-	AMRO-3408
<u>STATISTICS</u>	<u>352,614</u>	<u>282,267</u>	<u>116,243</u>	<u>29,935</u>	
AGENCY FOR INTERNATIONAL DEVELOPMENT (PG)	350,000	282,267	116,243	29,935	AMRO-3513
USPHS - NATIONAL INSTITUTES OF HEALTH (PG)	2,614	-	-	-	AMRO-3514
<u>MATERNAL AND CHILD HEALTH</u>	<u>14,621</u>	<u>119,300</u>	<u>135,500</u>	<u>120,000</u>	
FORD FOUNDATION (PG)	-	88,052	122,128	103,290	URUGUAY-4102
FORD FOUNDATION (PG)	-	31,248	13,372	16,710	AMRO-4119
UNICEF (PG)	14,621	-	-	-	AMRO-4108

ANNEX 3 . . . CONTINUED  
 DETAIL OF GRANTS AND OTHER CONTRIBUTIONS TO PAHO AND WHO

PROMOTION OF HEALTH - CONTINUED	<u>1969</u>	<u>1970</u>	<u>1971</u>	<u>1972</u>	<u>PROJECT</u>
	\$	\$	\$	\$	
<u>NUTRITION</u>	<u>1,403,288</u>	<u>1,203,632</u>	<u>1,113,034</u>	<u>1,009,291</u>	
INCAP - GRANTS AND OTHER CONTRIBUTIONS (PG)	854,528	615,347	585,128	554,746	AMRO-4203
INCAP - REGULAR BUDGET FROM MEMBER COUNTRIES (PI)	420,952	394,545	394,545	394,545	AMRO-4203
NATIONAL ASSOCIATION FOR RETARDED CHILDREN (PG)	2,625	2,400	-	-	EQUADOR-4204
RESEARCH CORPORATION (PG)	1,129	-	-	-	BRAZIL-4203
RESEARCH CORPORATION (PG)	68	9,391	-	-	EQUADOR-4203
RESEARCH CORPORATION (PG)	46,771	49,861	50,881	-	HAITI-4200
RESEARCH CORPORATION (PG)	2,000	4,500	-	-	HAITI-4205
RESEARCH CORPORATION (PG)	2,594	4,398	-	-	PERU-4202
RESEARCH CORPORATION (PG)	68,441	60,000	22,500	-	AMRO-4207
RESEARCH CORPORATION (PG)	42	-	-	-	AMRO-4212
RESEARCH CORPORATION (PG)	17	-	-	-	AMRO-4218
RESEARCH CORPORATION (PG)	982	-	-	-	AMRO-4228
ROCKEFELLER FOUNDATION (PG)	809	63,190	60,000	60,000	AMRO-4207
UNITARIAN UNIVERSALIST SERVICE COMMITTEE, INC. (PG)	2,230	-	-	-	HAITI-4204
<u>MENTAL HEALTH</u>	<u>14,033</u>	<u>-</u>	<u>-</u>	<u>-</u>	
FOUNDATIONS' FUND FOR RESEARCH IN PSYCHIATRY (PG)	4,688	-	-	-	ARGENTINA-4303
GOVERNMENT OF CHILE (PG)	1,081	-	-	-	AMRO-4311
INTER-AMERICAN COUNCIL OF PSYCHIATRIC ASSOCIATION (PG)	8,264	-	-	-	AMRO-4300
<u>DENTAL HEALTH</u>	<u>33,399</u>	<u>50,895</u>	<u>9,437</u>	<u>-</u>	
W. K. KELLOGG FOUNDATION (PG)	-	14,895	-	-	VENEZUELA-4401
W. K. KELLOGG FOUNDATION (PG)	33,399	36,000	9,437	-	AMRO-4409
<u>RADIATION AND ISOTOPES</u>	<u>1,140</u>	<u>-</u>	<u>-</u>	<u>-</u>	
GOVERNMENT OF ECUADOR (PG)	1,140	-	-	-	EQUADOR-4500
<u>OCCUPATIONAL HEALTH</u>	<u>88,210</u>	<u>102,028</u>	<u>11,000</u>	<u>-</u>	
USPHS - NATIONAL CENTER FOR URBAN AND INDUSTRIAL HEALTH (PG)	62,939	71,408	-	-	AMRO-4610
WHO REIMBURSABLE FROM FAO (WO)	25,271	30,620	11,000	-	BRAZIL-4602
<u>MEDICAL CARE</u>	<u>123,919</u>	<u>213,469</u>	<u>180,000</u>	<u>180,000</u>	
DR. AND MRS. CLEMENT CLAY (PG)	1,500	-	-	-	ARGENTINA-4803
GOVERNMENT OF ARGENTINA (PG)	54,014	200,000	180,000	180,000	ARGENTINA-4803
MACCLURE FOUNDATION (PG)	5,432	-	-	-	CHILE-4800
UNIVERSITY OF MINAS GERAIS (PG)	7,756	-	-	-	BRAZIL-4800
W. K. KELLOGG FOUNDATION (PG)	55,217	13,469	-	-	AMRO-4816
<u>HEALTH AND POPULATION DYNAMICS</u>	<u>433,907</u>	<u>1,408,611</u>	<u>339,500</u>	<u>228,700</u>	
AGENCY FOR INTERNATIONAL DEVELOPMENT (PG)	181,974	985,378	-	-	COLOMBIA-4900
AGENCY FOR INTERNATIONAL DEVELOPMENT (PG)	17,267	42,733	-	-	TRINIDAD AND TOBAGO-4900
AGENCY FOR INTERNATIONAL DEVELOPMENT (PG)	219,228	380,500	339,500	228,700	AMRO-4900
COLUMBIA UNIVERSITY (PG)	15,438	-	-	-	AMRO-4901
<u>DEVELOPMENT OF EDUCATIONAL INSTITUTIONS</u>	<u>294,634</u>	<u>615,721</u>	<u>323,235</u>	<u>294,687</u>	
<u>PUBLIC HEALTH</u>	<u>-</u>	<u>50,000</u>	<u>75,000</u>	<u>45,000</u>	
MILBANK MEMORIAL FUND (PG)	-	50,000	75,000	45,000	AMRO-6101
<u>MEDICINE</u>	<u>173,633</u>	<u>417,086</u>	<u>122,855</u>	<u>135,000</u>	
AGENCY FOR INTERNATIONAL DEVELOPMENT (PG)	9,797	150,284	-	-	COLOMBIA-6204
COMMONWEALTH FUND (PG)	46,233	50,000	-	-	BRAZIL-6221
COMMONWEALTH FUND (PG)	-	-	50,000	50,000	AMRO-6221
GOVERNMENT OF BRAZIL (PG)	60,458	85,000	-	-	BRAZIL-6221
GOVERNMENT OF BRAZIL (PG)	-	-	60,274	85,000	AMRO-6221
GOVERNMENT OF VENEZUELA (PG)	1,272	-	-	-	AMRO-6220
MILBANK MEMORIAL FUND (PG)	-	2,859	-	-	COLOMBIA-6200
MILBANK MEMORIAL FUND (PG)	2,793	12,581	12,581	-	VENEZUELA-6200
MILBANK MEMORIAL FUND (PG)	6,072	3,928	-	-	AMRO-6200
MILBANK MEMORIAL FUND (PG)	27,034	10,000	-	-	AMRO-6216
USPHS - NATIONAL LIBRARY OF MEDICINE (PG)	19,974	25,054	-	-	BRAZIL-6221
W. K. KELLOGG FOUNDATION (PG)	-	47,380	-	-	CHILE-6200
W. K. KELLOGG FOUNDATION (PG)	-	30,000	-	-	AMRO-6214

ANNEX 3 . . . CONTINUED  
 DETAIL OF GRANTS AND OTHER CONTRIBUTIONS TO PAHO AND WHO

	<u>1969</u>	<u>1970</u>	<u>1971</u>	<u>1972</u>	<u>PROJECT</u>
<u>DEVELOPMENT OF EDUCATIONAL INSTITUTIONS</u> - CONTINUED	\$	\$	\$	\$	
<u>NURSING</u>	<u>11,595</u>	<u>16,524</u>	<u>17,290</u>	<u>-</u>	
ORGANIZATION OF AMERICAN STATES (PG)	4,758	16,524	17,290	-	DOMINICAN REPUBLIC-6300
UNICEF (PG)	6,837	-	-	-	AMRO-6301
<u>ENVIRONMENTAL SCIENCES</u>	<u>74,735</u>	<u>102,459</u>	<u>98,090</u>	<u>104,687</u>	
GOVERNMENT OF VENEZUELA (WO)	36,472	5,710	-	-	VENEZUELA-6400
SPECIAL ACCOUNT FOR SERVICING COSTS (WO)	32,923	37,190	41,738	43,915	DEPARTMENT OF ENGINEERING AND ENVIRONMENTAL SCIENCES
SPECIAL ACCOUNT FOR SERVICING COSTS (WO)	5,340	5,559	-	-	VENEZUELA-6400
SPECIAL ACCOUNT FOR SERVICING COSTS (WO)	-	-	8,352	8,772	VENEZUELA-6401
THE FEDERAL GOVERNMENT OF SWITZERLAND (PG)	-	54,000	48,000	52,000	GUATEMALA-6400
<u>DENTISTRY</u>	<u>10,000</u>	<u>20,760</u>	<u>10,000</u>	<u>10,000</u>	
AMERICAN DENTAL ASSOCIATION (PG)	10,000	10,000	10,000	10,000	AMRO-6609
W. K. KELLOGG FOUNDATION (PG)	-	10,760	-	-	CHILE-6600
<u>BIOSTATISTICS</u>	<u>24,671</u>	<u>8,892</u>	<u>-</u>	<u>-</u>	
AGENCY FOR INTERNATIONAL DEVELOPMENT (PG)	24,671	-	-	-	AMRO-6709
GOVERNMENT OF BRAZIL (PG)	-	8,892	-	-	BRAZIL-6700
<u>ADMINISTRATIVE DIRECTION</u> - TOTAL	<u>3,600</u>	<u>3,600</u>	<u>3,600</u>	<u>3,600</u>	
<u>GENERAL EXPENSES</u>	<u>3,600</u>	<u>3,600</u>	<u>3,600</u>	<u>3,600</u>	
SPECIAL ACCOUNT FOR SERVICING COSTS (WO)	3,600	3,600	3,600	3,600	HEADQUARTERS - COMMON SERVICES
GRAND TOTAL	<u>3,448,128</u>	<u>4,975,560</u>	<u>2,877,087</u>	<u>2,517,465</u>	

## ANNEX 4

PROJECTS REQUESTED BY GOVERNMENTS TO BE IMPLEMENTED  
IF FUNDS BECOME AVAILABLE

	PERSONNEL COSTS	SUPPLIES AND OTHER	FELLOWSHIPS AND SEMINARS	TOTAL
	\$	\$	\$	\$
<u>COMMUNICABLE DISEASES - GENERAL</u>	<u>32,000</u>	<u>2,500</u>	<u>30,020</u>	<u>64,520</u>
** PERU-0100, COMMUNICABLE DISEASES	26,600	2,500	5,400	34,500
** AMRO-0101, EPIDEMIOLOGY (ZONE I)	5,400	-	-	5,400
AMRO-0109, SYMPOSIUM ON HEMORRHAGIC FEVER	-	-	12,200	12,200
AMRO-0110, SEMINAR ON ENCEPHALITIS	-	-	12,420	12,420
<u>MALARIA</u>	<u>212,900</u>	<u>67,000</u>	<u>2,800</u>	<u>282,700</u>
** BOLIVIA-0200, MALARIA ERADICATION	15,300	2,500	-	17,800
** BRAZIL-0200, MALARIA ERADICATION	40,000	32,500	-	72,500
** COLOMBIA-0200, MALARIA ERADICATION	48,500	10,000	1,400	59,900
** COSTA RICA-0200, MALARIA ERADICATION	17,900	-	-	17,900
** ECUADOR-0200, MALARIA ERADICATION	-	8,000	1,400	9,400
** GUYANA-0200, MALARIA ERADICATION	17,900	-	-	17,900
** HAITI-0200, MALARIA ERADICATION	24,600	-	-	24,600
** PERU-0200, MALARIA ERADICATION	48,700	14,000	-	62,700
<u>TUBERCULOSIS</u>	<u>25,200</u>	<u>-</u>	<u>17,800</u>	<u>43,000</u>
** CUBA-0400, TUBERCULOSIS CONTROL	5,400	-	-	5,400
** AMRO-0400, TUBERCULOSIS CONTROL	7,200	-	8,000	15,200
** AMRO-0402, TUBERCULOSIS CONTROL (ZONE II)	3,600	-	2,800	6,400
** AMRO-0409, COURSES ON TUBERCULOSIS - EPIDEMIOLOGY	9,000	-	-	9,000
AMRO-0411, STUDY GROUP ON TUBERCULOSIS	-	-	7,000	7,000
<u>LEPROSY</u>	<u>10,800</u>	<u>-</u>	<u>37,000</u>	<u>47,800</u>
** AMRO-0500, LEPROSY CONTROL	10,800	-	13,600	24,400
AMRO-0507, COURSE ON REHABILITATION AND PREVENTION OF DEFORMITIES	-	-	23,400	23,400
<u>VENEREAL DISEASES</u>	<u>7,200</u>	<u>4,000</u>	<u>16,400</u>	<u>27,600</u>
** AMRO-0600, VENEREAL DISEASE CONTROL	7,200	4,000	16,400	27,600
<u>ZOOZOSES</u>	<u>26,900</u>	<u>15,000</u>	<u>7,000</u>	<u>48,900</u>
PARAGUAY-0700, ZOOZOSES CONTROL	3,600	-	2,800	6,400
URUGUAY-0700, ZOOZOSES CONTROL	3,600	2,000	1,400	7,000
** AMRO-0700, PAN AMERICAN ZOOZOSES CENTER	17,900	10,000	-	27,900
** AMRO-0708, RABIES CONTROL	1,800	3,000	2,800	7,600
<u>OTHER COMMUNICABLE DISEASES</u>	<u>-</u>	<u>3,000</u>	<u>50,680</u>	<u>53,680</u>
** AMRO-0900, PLAGUE CONTROL	-	3,000	2,800	5,800
AMRO-0910, BRUCELLOSIS TRAINING CONFERENCE	-	-	27,880	27,880
AMRO-0915, STUDY GROUP ON LEISHMANIASIS	-	-	10,000	10,000
AMRO-0916, STUDY GROUP ON CONTROL OF INTESTINAL HELMINTHS	-	-	10,000	10,000
<u>PARASITIC DISEASES</u>	<u>-</u>	<u>22,000</u>	<u>38,000</u>	<u>60,000</u>
** AMRO-1007, SCHISTOSOMIASIS	-	-	10,000	10,000
** AMRO-1008, CHAGAS' DISEASE	-	22,000	7,000	29,000
AMRO-1010, STUDY GROUP ON CHAGAS' DISEASE	-	-	10,000	10,000
AMRO-1012, DIAGNOSIS OF CHAGAS' DISEASE	-	-	11,000	11,000
<u>ENVIRONMENTAL SCIENCES</u>	<u>220,050</u>	<u>314,500</u>	<u>42,200</u>	<u>576,750</u>
BRAZIL-2101, AIR AND WATER POLLUTION CONTROL	60,600	8,500	5,400	74,500
** CHILE-2100, ENVIRONMENTAL SANITATION	3,600	-	2,800	6,400
DOMINICAN REPUBLIC-2100, ENVIRONMENTAL SANITATION	-	100,000	-	100,000
HAITI-2100, ENVIRONMENTAL SANITATION	-	50,000	-	50,000
** VENEZUELA-2100, ENVIRONMENTAL SANITATION	10,800	-	16,000	26,800
** AMRO-2100, ENVIRONMENTAL SANITATION	36,000	-	-	36,000
** AMRO-2102, SANITARY ENGINEERING (ZONE II)	23,400	150,000	-	173,400
** AMRO-2107, ENVIRONMENTAL SANITATION (CARIBBEAN)	-	1,000	18,000	19,000
** AMRO-2114, PAN AMERICAN SANITARY ENGINEERING CENTER	56,250	-	-	56,250
AMRO-2118, REGIONAL POLLUTION MONITORING NETWORK	29,400	5,000	-	34,400

\* IN ADDITION TO BUDGETED AMOUNTS



ANNEX 4 . . . CONTINUED  
PROJECTS REQUESTED BY GOVERNMENTS TO BE IMPLEMENTED  
IF FUNDS BECOME AVAILABLE

	PERSONNEL COSTS	SUPPLIES AND OTHER	FELLOWSHIPS AND SEMINARS	TOTAL
	\$	\$	\$	\$
<u>WATER SUPPLIES</u>	<u>69,500</u>	<u>125,000</u>	<u>54,900</u>	<u>249,400</u>
BRAZIL-2200, WATER SUPPLIES	22,700	-	-	22,700
* DOMINICAN REPUBLIC-2200, WATER SUPPLIES	9,000	-	-	9,000
* HAITI-2200, WATER SUPPLIES	1,800	-	1,400	3,200
* PANAMA-2200, WATER SUPPLIES	-	100,000	-	100,000
* AMRO-2200, WATER SUPPLIES	18,000	15,000	-	33,000
* AMRO-2215, APPLIED RESEARCH ON WATER SUPPLIES	3,600	10,000	-	13,600
AMRO-2216, CONFERENCE ON WATER SUPPLY ECONOMICS	-	-	28,000	28,000
* AMRO-2220, PUBLIC SERVICES ADMINISTRATION	14,400	-	-	14,400
AMRO-2221, CONFERENCE ON RURAL WATER SUPPLIES	-	-	25,500	25,500
<u>AEDES AEGYPTI ERADICATION</u>	<u>68,600</u>	<u>285,000</u>	<u>-</u>	<u>353,600</u>
* JAMAICA-2300, <u>AEDES AEGYPTI</u> ERADICATION	57,800	175,000	-	232,800
* AMRO-2300, <u>AEDES AEGYPTI</u> ERADICATION	10,800	110,000	-	120,800
<u>GENERAL PUBLIC HEALTH</u>	<u>129,100</u>	<u>35,400</u>	<u>84,200</u>	<u>248,700</u>
* BOLIVIA-3100, HEALTH SERVICES	-	-	13,400	13,400
* BRAZIL-3104, HEALTH SERVICES (SAO PAULO)	24,600	-	-	24,600
* CHILE-3100, HEALTH SERVICES	-	-	14,600	14,600
* DOMINICAN REPUBLIC-3100, HEALTH SERVICES	20,000	-	10,800	30,800
GUATEMALA-3100, DEVELOPMENT OF CENTRAL WESTERN HIGHLANDS	18,000	34,000	24,000	76,000
* HAITI-3100, HEALTH SERVICES	-	1,400	9,400	10,800
* PARAGUAY-3101, FELLOWSHIPS	-	-	4,000	4,000
PARAGUAY-3103, HEALTH SERVICES IN DEVELOPING AREAS	7,200	-	-	7,200
* PERU-3100, HEALTH SERVICES	15,300	-	-	15,300
* TRINIDAD AND TOBAGO-3100, HEALTH SERVICES	-	-	8,000	8,000
URUGUAY-3103, RURAL DEVELOPMENT	20,000	-	-	20,000
WEST INDIES-3109, HEALTH SERVICES IN TURKS AND CAICOS ISLANDS	24,000	-	-	24,000
<u>NURSING</u>	<u>45,000</u>	<u>3,000</u>	<u>39,200</u>	<u>87,200</u>
* BRAZIL-3200, NURSING	3,600	-	8,000	11,600
* AMRO-3200, NURSING	10,800	-	8,000	18,800
* AMRO-3202, NURSING (ZONE II)	23,400	-	12,200	35,600
* AMRO-3204, NURSING (ZONE IV)	-	-	3,000	3,000
* AMRO-3210, HOSPITAL NURSING SERVICES	7,200	3,000	8,000	18,200
<u>LABORATORY</u>	<u>87,300</u>	<u>259,500</u>	<u>23,200</u>	<u>370,000</u>
CUBA-3301, MODERNIZATION OF LABORATORY SERVICES	69,300	253,000	-	322,300
* ECUADOR-3301, NATIONAL INSTITUTE OF HEALTH	3,600	-	-	3,600
* HAITI-3300, LABORATORY SERVICES	10,800	-	8,400	19,200
* PERU-3300, LABORATORY SERVICES	3,600	-	4,000	7,600
* AMRO-3300, LABORATORY SERVICES	-	6,500	10,800	17,300
<u>HEALTH EDUCATION</u>	<u>17,900</u>	<u>2,000</u>	<u>30,764</u>	<u>50,664</u>
* BRAZIL-3400, HEALTH EDUCATION	-	-	4,000	4,000
GUYANA-3400, HEALTH EDUCATION	17,900	-	-	17,900
* AMRO-3410, TRAINING OF TEACHERS IN HEALTH EDUCATION	-	2,000	16,000	18,000
AMRO-3412, STUDY GROUP ON BEHAVIORAL SCIENCES AND HEALTH EDUCATION	-	-	10,764	10,764
<u>HEALTH STATISTICS</u>	<u>139,300</u>	<u>106,050</u>	<u>76,550</u>	<u>321,900</u>
* ARGENTINA-3504, DATA PROCESSING CENTER	104,500	106,050	52,000	262,550
* AMRO-3502, HEALTH STATISTICS (ZONE II)	7,200	-	8,000	15,200
AMRO-3512, CIVIL REGISTRATION	24,000	-	-	24,000
* AMRO-3515, CENTER FOR TRAINING IN USE OF COMPUTERS	3,600	-	2,800	6,400
AMRO-3516, SEMINAR ON COMPUTER SCIENCE	-	-	13,750	13,750
<u>ADMINISTRATIVE METHODS AND PRACTICES</u>	<u>25,200</u>	<u>-</u>	<u>36,000</u>	<u>61,200</u>
* AMRO-3600, ADMINISTRATIVE METHODS AND PRACTICES IN PUBLIC HEALTH	18,000	-	36,000	54,000
* AMRO-3601, ADMINISTRATIVE METHODS AND PRACTICES IN PUBLIC HEALTH (ZONE I)	7,200	-	-	7,200

\* IN ADDITION TO BUDGETED AMOUNTS

ANNEX 4 . . . CONTINUED  
 PROJECTS REQUESTED BY GOVERNMENTS TO BE IMPLEMENTED  
 IF FUNDS BECOME AVAILABLE

	PERSONNEL COSTS \$	SUPPLIES AND OTHER \$	FELLOWSHIPS AND SEMINARS \$	TOTAL \$
<u>HEALTH PLANNING</u>	<u>16,000</u>	-	<u>61,340</u>	<u>77,340</u>
GUYANA-3700, REGIONAL PLANNING	16,000	-	-	16,000
** AMRO-3700, HEALTH PLANNING	-	-	61,340	61,340
<u>MATERNAL AND CHILD HEALTH</u>	<u>10,800</u>	<u>10,000</u>	<u>65,700</u>	<u>86,500</u>
CHILE-4102, CLINICAL AND SOCIAL PEDIATRICS	3,600	-	2,800	6,400
** AMRO-4108, CLINICAL AND SOCIAL PEDIATRICS	-	-	42,000	42,000
AMRO-4121, STUDY GROUP ON PREPARATION AND UTILIZATION OF NURSE MIDWIVES	7,200	-	20,900	28,100
** AMRO-4122, DEVELOPMENT OF RHEUMATIC FEVER PROGRAMS	-	10,000	-	10,000
<u>NUTRITION</u>	<u>139,930</u>	<u>15,000</u>	<u>108,300</u>	<u>263,230</u>
** BRAZIL-4201, NUTRITION COURSES	-	8,000	-	8,000
** AMRO-4207, CARIBBEAN FOOD AND NUTRITION INSTITUTE	97,400	-	-	97,400
** AMRO-4230, NUTRITION TRAINING	5,400	-	54,800	60,200
AMRO-4232, HOSPITAL FOOD SERVICES AND DIETETICS	12,530	1,000	7,500	21,030
AMRO-4237, PROTEIN CALORIE MALNUTRITION	3,600	3,000	11,400	18,000
** AMRO-4238, NUTRITION RESEARCH	10,200	3,000	13,600	26,800
AMRO-4239, CONFERENCE ON TRAINING NUTRITIONISTS AND DIETITIANS	10,800	-	21,000	31,800
<u>MENTAL HEALTH</u>	<u>39,500</u>	<u>4,800</u>	<u>12,000</u>	<u>56,300</u>
** BRAZIL-4300, MENTAL HEALTH	17,900	-	-	17,900
** AMRO-4300, MENTAL HEALTH	9,000	500	-	9,500
** AMRO-4312, COURSES IN COMMUNITY PSYCHIATRY	-	-	12,000	12,000
AMRO-4316, EPIDEMIOLOGY OF SUICIDES	12,600	4,300	-	16,900
<u>DENTAL HEALTH</u>	<u>14,400</u>	<u>12,100</u>	<u>70,400</u>	<u>96,900</u>
** AMRO-4400, DENTAL HEALTH	7,200	-	31,800	39,000
** AMRO-4407, DENTAL EPIDEMIOLOGY	-	1,500	20,800	22,300
** AMRO-4409, FLUORIDATION	-	6,600	2,800	9,400
** AMRO-4410, DENTAL MATERIALS	-	2,500	15,000	17,500
** AMRO-4411, HUMAN AND MATERIAL RESOURCES IN DENTISTRY	7,200	1,500	-	8,700
<u>RADIATION AND ISOTOPES</u>	<u>27,400</u>	<u>1,000</u>	<u>15,000</u>	<u>43,400</u>
** AMRO-4507, RADIATION AND HEALTH PROTECTION	23,800	-	12,200	36,000
** AMRO-4509, RADIATION SURVEILLANCE	3,600	1,000	2,800	7,400
<u>OCCUPATIONAL HEALTH</u>	-	<u>10,000</u>	-	<u>10,000</u>
AMRO-4602, INDUSTRIAL HYGIENE (ZONE I)	-	10,000	-	10,000
<u>FOOD AND DRUG CONTROL</u>	<u>14,400</u>	<u>1,000</u>	<u>38,000</u>	<u>53,400</u>
** AMRO-4700, FOOD AND DRUG CONTROL	7,200	1,000	4,200	12,400
AMRO-4707, FOOD HYGIENE	3,600	-	6,800	10,400
** AMRO-4708, TRAINING CENTER FOR FOOD INSPECTORS	-	-	12,000	12,000
AMRO-4711, SEMINAR ON FOOD AND DRUG CONTROL	3,600	-	15,000	18,600
<u>MEDICAL CARE</u>	<u>310,375</u>	<u>135,200</u>	<u>78,084</u>	<u>523,659</u>
** BRAZIL-4800, MEDICAL CARE SERVICES	3,600	-	8,000	11,600
** CHILE-4800, MEDICAL CARE SERVICES	3,600	-	4,000	7,600
JAMAICA-4801, CHRONIC DISEASES	7,200	1,000	-	8,200
** AMRO-4810, CHRONIC DISEASES	7,200	2,000	11,200	20,400
** AMRO-4815, TRAINING FOR MEDICAL CARE AND HOSPITAL ADMINISTRATION	5,400	-	16,400	21,800
AMRO-4816, PROGRESSIVE PATIENT CARE	21,600	90,000	-	111,600
AMRO-4821, EPIDEMIOLOGY OF STOMACH CANCER	69,100	-	-	69,100
AMRO-4822, STUDY OF RADIOTHERAPY IN LATIN AMERICA	10,800	-	-	10,800
AMRO-4823, EVALUATION OF CONTROL PROGRAMS FOR CERVICAL UTERINE CANCER	-	-	19,484	19,484
AMRO-4824, CENTER FOR EPIDEMIOLOGY OF CANCER IN LATIN AMERICA	135,075	35,000	19,000	189,075
AMRO-4825, SURVEY ON SMOKING PATTERNS IN LATIN AMERICAN CITIES	46,800	7,200	-	54,000

\*\* IN ADDITION TO BUDGETED AMOUNTS

ANNEX 4 . . . CONTINUED  
 PROJECTS REQUESTED BY GOVERNMENTS TO BE IMPLEMENTED  
 IF FUNDS BECOME AVAILABLE

	PERSONNEL COSTS \$	SUPPLIES AND OTHER \$	FELLOWSHIPS AND SEMINARS \$	TOTAL \$
<u>HEALTH AND POPULATION DYNAMICS</u>	<u>48,000</u>	-	-	<u>48,000</u>
NETHERLANDS ANTILLES-4900, HEALTH AND POPULATION DYNAMICS	48,000	-	-	48,000
<u>REHABILITATION</u>	<u>15,300</u>	-	<u>5,400</u>	<u>20,700</u>
* PERU-5000, REHABILITATION	15,300	-	5,400	20,700
<u>PUBLIC HEALTH</u>	<u>24,000</u>	-	<u>21,600</u>	<u>45,600</u>
* AMRO-6100, SCHOOLS OF PUBLIC HEALTH	24,000	-	21,600	45,600
<u>MEDICAL EDUCATION</u>	<u>30,600</u>	<u>26,000</u>	<u>99,500</u>	<u>156,100</u>
* BOLIVIA-6200, MEDICAL EDUCATION	-	5,000	-	5,000
* CHILE-6200, MEDICAL EDUCATION	5,400	-	4,000	9,400
* BRAZIL-6224, MEDICAL EDUCATION (BRASILIA)	-	10,000	-	10,000
* AMRO-6200, MEDICAL EDUCATION	9,000	-	21,800	30,800
* AMRO-6208, TEACHING STATISTICS IN MEDICAL SCHOOLS	-	-	10,000	10,000
* AMRO-6210, TEACHING METHODS AND ADMINISTRATIVE ORGANIZATION OF MEDICAL SCHOOLS	9,000	1,000	32,200	42,200
* AMRO-6224, FACULTY AND RESEARCH TRAINING CENTERS	7,200	10,000	-	17,200
* AMRO-6227, WORKSHOP ON HEALTH SCIENCES EDUCATION	-	-	31,500	31,500
<u>NURSING</u>	<u>56,900</u>	<u>12,600</u>	<u>57,000</u>	<u>126,500</u>
* DOMINICAN REPUBLIC-6300, NURSING EDUCATION	20,000	600	16,000	36,600
* HAITI-6300, NURSING EDUCATION	-	-	8,000	8,000
* PERU-6300, NURSING EDUCATION	15,300	-	-	15,300
* AMRO-6315, NURSING EDUCATION: TEXTBOOKS	7,200	8,000	5,000	20,200
* AMRO-6319, TRAINING OF NURSING AUXILIARIES	3,600	-	28,000	31,600
* AMRO-6320, POST BASIC COURSES IN NURSING	10,800	4,000	-	14,800
<u>ENVIRONMENTAL SCIENCES</u>	<u>43,200</u>	<u>20,000</u>	-	<u>63,200</u>
* AMRO-6400, SANITARY ENGINEERING EDUCATION	10,800	-	-	10,800
* AMRO-6402, SANITARY ENGINEERING EDUCATION (ZONE I)	32,400	20,000	-	52,400
GRAND TOTAL	<u>1,907,755</u>	<u>1,491,650</u>	<u>1,219,033</u>	<u>4,618,443</u>

\* IN ADDITION TO BUDGETED AMOUNTS

ANNEX 5  
PROGRAM BUDGET - DETAIL BY FUND  
PAHO REGULAR

1969

PROGRAM BUDGET - DETAIL 1969	TOTAL	ADVISORY SERVICES	DEVELOPMENT OF HUMAN RESOURCES	RESEARCH	INDIRECT PROGRAM COSTS
	\$	\$	\$	\$	\$
I. PROTECTION OF HEALTH	3,504,770	2,847,658	301,932	355,180	-
A. COMMUNICABLE DISEASES	2,336,070	1,712,247	280,215	343,608	-
0100 GENERAL	160,762	157,466	796	2,500	-
0200 MALARIA	641,246	633,845	7,401	-	-
0300 SMALLPOX	22,322	22,322	-	-	-
0400 TUBERCULOSIS	80,591	60,252	20,339	-	-
0500 LEPROSY	24,720	24,720	-	-	-
0600 VENEREAL DISEASES	2,466	2,466	-	-	-
0700 ZOOSES	220,899	161,530	42,562	16,807	-
0800 FOOT-AND-MOUTH DISEASE	1,069,035	554,411	199,018	315,606	-
0900 OTHER	36,696	36,696	-	-	-
1000 PARASITIC DISEASES	77,333	58,539	10,099	8,695	-
B. ENVIRONMENTAL HEALTH	1,168,700	1,135,411	21,717	11,572	-
2100 GENERAL	325,898	315,452	10,446	-	-
2200 WATER SUPPLIES	550,264	527,421	11,271	11,572	-
2300 AEDS AEGYPTI ERADICATION	268,606	268,606	-	-	-
2400 HOUSING	23,932	23,932	-	-	-
II. PROMOTION OF HEALTH	3,991,682	3,091,174	483,620	416,888	-
A. GENERAL SERVICES	2,326,881	1,998,242	174,916	153,723	-
3100 GENERAL PUBLIC HEALTH	1,301,948	1,048,243	118,601	135,104	-
3200 NURSING	117,542	117,542	-	-	-
3300 LABORATORY	127,758	116,259	7,537	3,962	-
3400 HEALTH EDUCATION	28,251	9,189	19,062	-	-
3500 STATISTICS	312,139	306,004	6,135	-	-
3600 ADMINISTRATIVE METHODS	237,841	216,504	21,337	-	-
3700 HEALTH PLANNING	201,402	184,501	2,244	14,657	-
B. SPECIFIC PROGRAMS	1,664,801	1,092,932	308,704	263,165	-
4100 MATERNAL AND CHILD HEALTH	157,035	95,605	16,506	44,924	-
4200 NUTRITION	629,125	194,529	216,355	218,241	-
4300 MENTAL HEALTH	83,013	51,819	31,194	-	-
4400 DENTAL HEALTH	99,006	93,286	5,720	-	-
4500 RADIATION AND ISOTOPES	81,753	81,753	-	-	-
4600 OCCUPATIONAL HEALTH	22,977	17,759	5,218	-	-
4700 FOOD AND DRUG	59,012	59,012	-	-	-
4800 MEDICAL CARE	455,216	421,505	33,711	-	-
4900 HEALTH AND POPULATION DYNAMICS	54,599	54,599	-	-	-
5000 REHABILITATION	23,065	23,065	-	-	-
III. DEVELOPMENT OF EDUCATIONAL INSTITUTIONS	1,184,288	1,072,016	109,272	3,000	-
6100 PUBLIC HEALTH	46,779	39,559	7,220	-	-
6200 MEDICINE	640,292	593,824	43,468	3,000	-
6300 NURSING	181,398	152,118	29,280	-	-
6400 ENVIRONMENTAL SCIENCES	182,597	174,942	7,655	-	-
6500 VETERINARY MEDICINE	42,161	27,374	14,787	-	-
6600 DENTISTRY	24,402	17,540	6,862	-	-
6700 BIOSTATISTICS	66,659	66,659	-	-	-
IV. PROGRAM SERVICES	967,089	417,812	-	-	549,277
7100 PROGRAM SERVICES	967,089	417,812	-	-	549,277
V. ADMINISTRATIVE DIRECTION	2,185,438	-	-	-	2,185,438
8100 EXECUTIVE AND TECHNICAL DIRECTION	174,590	-	-	-	174,590
8200 ADMINISTRATIVE SERVICES	1,955,097	-	-	-	1,955,097
8300 GENERAL EXPENSES	955,751	-	-	-	955,751
VI. GOVERNING BODIES	290,906	-	-	-	290,906
VII. INCREASE TO ASSETS	20,361	-	-	-	20,361
GRAND TOTAL	12,144,534	7,428,660	894,824	775,068	3,045,982
PER CENT OF TOTAL	100.0	61.2	7.4	6.4	25.0

ANNEX 5 . . . CONTINUED  
PROGRAM BUDGET - DETAIL BY FUND  
PAHO REGULAR

1970

PROGRAM BUDGET - DETAIL 1970		TOTAL	ADVISORY SERVICES	DEVELOPMENT OF HUMAN RESOURCES	RESEARCH	INDIRECT PROGRAM COSTS
		\$	\$	\$	\$	\$
I.	PROTECTION OF HEALTH	4,152,645	3,280,484	417,516	454,645	-
A.	COMMUNICABLE DISEASES	2,893,219	2,102,056	336,516	454,645	-
	0100 GENERAL	728,858	276,058	2,800	-	-
	0200 MALARIA	876,458	823,071	11,200	42,187	-
	0300 SMALLPOX	-	-	-	-	-
	0400 TUBERCULOSIS	107,083	67,983	39,100	-	-
	0500 LEPROSY	31,442	31,442	-	-	-
	0600 VENEREAL DISEASES	11,800	10,200	1,400	-	-
	0700 ZOOSES	214,574	168,344	25,215	21,015	-
	0800 FOOT-AND-MOUTH DISEASE	1,320,716	677,972	256,801	385,943	-
	0900 OTHER	32,186	32,186	-	-	-
	1000 PARASITIC DISEASES	70,302	64,802	-	5,500	-
B.	ENVIRONMENTAL HEALTH	1,259,426	1,178,426	81,000	-	-
	2100 GENERAL	397,171	360,571	36,600	-	-
	2200 WATER SUPPLIES	560,900	519,300	41,600	-	-
	2300 AEGES AEGYPTI ERADICATION	259,909	257,109	2,800	-	-
	2400 HOUSING	41,446	41,446	-	-	-
II.	PROMOTION OF HEALTH	4,708,777	3,666,986	598,737	443,054	-
A.	GENERAL SERVICES	2,598,162	2,194,903	252,770	150,489	-
	3100 GENERAL PUBLIC HEALTH	1,312,943	1,008,054	154,400	150,489	-
	3200 NURSING	187,150	176,350	10,800	-	-
	3300 LABORATORY	223,719	190,719	33,000	-	-
	3400 HEALTH EDUCATION	33,969	25,969	8,000	-	-
	3500 STATISTICS	316,762	298,962	17,800	-	-
	3600 ADMINISTRATIVE METHODS	273,460	270,490	2,970	-	-
	3700 HEALTH PLANNING	250,159	224,359	25,800	-	-
B.	SPECIFIC PROGRAMS	2,110,615	1,472,083	345,967	292,565	-
	4100 MATERNAL AND CHILD HEALTH	237,838	146,133	31,000	60,705	-
	4200 NUTRITION	709,573	244,189	233,524	231,860	-
	4300 MENTAL HEALTH	111,443	101,843	9,600	-	-
	4400 DENTAL HEALTH	90,121	85,021	5,100	-	-
	4500 RADIATION AND ISOTOPIES	81,783	81,783	-	-	-
	4600 OCCUPATIONAL HEALTH	40,503	35,103	5,400	-	-
	4700 FOOD AND DRUG	91,704	73,161	18,543	-	-
	4800 MEDICAL CARE	537,688	494,888	42,800	-	-
	4900 HEALTH AND POPULATION DYNAMICS	183,257	183,257	-	-	-
	5000 REHABILITATION	26,705	26,705	-	-	-
III.	DEVELOPMENT OF EDUCATIONAL INSTITUTIONS	1,250,987	1,074,387	173,700	2,000	-
	6100 PUBLIC HEALTH	60,505	45,305	15,200	-	-
	6200 MEDICINE	599,517	523,617	73,900	2,000	-
	6300 NURSING	214,820	189,020	25,800	-	-
	6400 ENVIRONMENTAL SCIENCES	188,041	162,241	25,800	-	-
	6500 VETERINARY MEDICINE	42,600	26,200	16,400	-	-
	6600 DENTISTRY	42,997	30,397	12,600	-	-
	6700 BIOSTATISTICS	101,607	97,607	4,000	-	-
IV.	PROGRAM SERVICES	1,071,802	459,169	-	-	612,633
	7100 PROGRAM SERVICES	1,071,802	459,169	-	-	612,633
V.	ADMINISTRATIVE DIRECTION	2,179,188	-	-	-	2,179,188
	8100 EXECUTIVE AND TECHNICAL DIRECTION	186,595	-	-	-	186,595
	8200 ADMINISTRATIVE SERVICES	1,039,323	-	-	-	1,039,323
	8300 GENERAL EXPENSES	953,270	-	-	-	953,270
VI.	GOVERNING BODIES	339,620	-	-	-	339,620
VII.	INCREASE TO ASSETS	150,000	-	-	-	150,000
	GRAND TOTAL	13,852,119	8,481,026	1,189,953	899,699	3,281,441
	PER CENT OF TOTAL	100.0	61.2	8.6	6.5	23.7

ANNEX 5 . . . CONTINUED  
PROGRAM BUDGET - DETAIL BY FUND  
PAHO REGULAR

1971

PROGRAM BUDGET - DETAIL 1971	TOTAL	ADVISORY SERVICES	DEVELOPMENT OF HUMAN RESOURCES	RESEARCH	INDIRECT PROGRAM COSTS
	\$	\$	\$	\$	\$
I. PROTECTION OF HEALTH	4,664,178	3,605,966	449,113	609,099	-
A. COMMUNICABLE DISEASES	3,207,187	2,245,272	367,313	594,602	-
0100 GENERAL	237,010	234,210	2,800	-	-
0200 MALARIA	1,080,000	921,763	12,600	145,637	-
0400 TUBERCULOSIS	115,765	72,965	42,800	-	-
0500 LEPROSY	34,903	34,903	-	-	-
0600 VENEREAL DISEASES	5,000	3,600	1,400	-	-
0700 ZOOZOSES	238,513	171,008	27,621	39,884	-
0800 FOOT-AND-MOUTH DISEASE	1,405,034	716,861	280,092	408,081	-
0900 OTHER	16,724	16,724	-	-	-
1000 PARASITIC DISEASES	74,238	73,238	-	1,000	-
B. ENVIRONMENTAL HEALTH	1,456,991	1,360,694	81,800	14,497	-
2100 GENERAL	452,151	395,254	47,400	9,497	-
2200 WATER SUPPLIES	615,985	579,385	31,600	5,000	-
2300 Aedes Aegypti ERADICATION	345,633	342,833	2,800	-	-
2400 HOUSING	43,222	43,222	-	-	-
II. PROMOTION OF HEALTH	5,130,905	4,003,175	660,390	467,340	-
A. GENERAL SERVICES	2,878,204	2,410,726	306,500	160,978	-
3100 GENERAL PUBLIC HEALTH	1,440,556	1,073,878	205,700	160,978	-
3200 NURSING	220,265	202,665	17,600	-	-
3300 LABORATORY	240,483	206,083	34,400	-	-
3400 HEALTH EDUCATION	31,942	31,942	-	-	-
3500 STATISTICS	359,094	346,694	12,400	-	-
3600 ADMINISTRATIVE METHODS	313,514	307,714	5,800	-	-
3700 HEALTH PLANNING	272,350	241,750	30,600	-	-
B. SPECIFIC PROGRAMS	2,252,701	1,592,449	353,890	306,362	-
4100 MATERNAL AND CHILD HEALTH	246,054	153,328	31,000	61,726	-
4200 NUTRITION	752,769	259,143	248,990	244,636	-
4300 MENTAL HEALTH	112,462	92,462	20,000	-	-
4400 DENTAL HEALTH	111,014	105,914	5,100	-	-
4500 RADIATION AND ISOTOPES	91,865	89,065	2,800	-	-
4600 OCCUPATIONAL HEALTH	43,878	38,478	5,400	-	-
4700 FOOD AND DRUG	80,389	78,989	1,400	-	-
4800 MEDICAL CARE	580,929	544,529	36,400	-	-
4900 HEALTH AND POPULATION DYNAMICS	205,615	202,815	2,800	-	-
5000 REHABILITATION	77,726	27,726	-	-	-
III. DEVELOPMENT OF EDUCATIONAL INSTITUTIONS	1,346,993	1,129,793	215,200	2,000	-
6100 PUBLIC HEALTH	51,954	40,954	11,000	-	-
6200 MEDICINE	617,751	517,351	92,900	2,000	-
6300 NURSING	263,736	207,236	56,500	-	-
6400 ENVIRONMENTAL SCIENCES	204,029	174,029	30,000	-	-
6500 VETERINARY MEDICINE	34,000	24,400	9,600	-	-
6600 DENTISTRY	59,426	45,626	13,800	-	-
6700 BIOSTATISTICS	121,597	120,197	1,400	-	-
IV. PROGRAM SERVICES	1,134,928	491,520	-	-	643,408
7100 PROGRAM SERVICES	1,134,928	491,520	-	-	643,408
V. ADMINISTRATIVE DIRECTION	2,346,729	-	-	-	2,346,729
8100 EXECUTIVE AND TECHNICAL DIRECTION	197,017	-	-	-	197,017
8200 ADMINISTRATIVE SERVICES	1,152,477	-	-	-	1,152,477
8300 GENERAL EXPENSES	997,235	-	-	-	997,235
VI. GOVERNING BODIES	363,598	-	-	-	363,598
VII. INCREASE TO ASSETS	250,000	-	-	-	250,000
GRAND TOTAL	15,237,331	9,230,454	1,324,703	1,078,439	3,603,735
PER CENT OF TOTAL	100.0	60.6	8.7	7.1	23.6

ANNEX 5 . . . CONTINUED  
PROGRAM BUDGET - DETAIL BY FUND  
PAHO REGULAR

PROGRAM BUDGET - DETAIL 1972	1972				
	TOTAL	ADVISORY SERVICES	DEVELOPMENT OF HUMAN RESOURCES	RESEARCH	INDIRECT PROGRAM COSTS
	\$	\$	\$	\$	\$
I. PROTECTION OF HEALTH	5,277,981	4,087,645	579,028	611,306	-
A. COMMUNICABLE DISEASES	3,662,896	2,626,759	446,990	589,157	-
0100 GENERAL	286,509	246,077	40,432	-	-
0200 MALARIA	1,278,260	1,169,117	19,600	89,543	-
0400 TUBERCULOSIS	131,776	81,476	50,300	-	-
0500 LEPROSY	39,393	36,393	-	3,000	-
0600 VENEREAL DISEASES	17,200	15,800	1,400	-	-
0700 ZOOZOSES	261,374	192,033	27,159	42,182	-
0800 FOOT-AND-MOUTH DISEASE	1,545,537	793,016	301,089	451,432	-
0900 OTHER	17,272	17,272	-	-	-
1000 PARASITIC DISEASES	85,575	75,575	7,000	3,000	-
B. ENVIRONMENTAL HEALTH	1,615,085	1,460,886	132,048	22,151	-
2100 GENERAL	539,128	440,929	86,048	12,151	-
2200 WATER SUPPLIES	673,121	619,921	43,200	10,000	-
2300 AEDES AEGYPTI ERADICATION	357,838	355,038	2,800	-	-
2400 HOUSING	44,998	44,998	-	-	-
II. PROMOTION OF HEALTH	5,677,773	4,367,757	736,547	573,469	-
A. GENERAL SERVICES	3,152,401	2,573,175	354,700	224,526	-
3100 GENERAL PUBLIC HEALTH	1,572,691	1,162,359	226,100	184,232	-
3200 NURSING	235,073	212,073	23,000	-	-
3300 LABORATORY	269,129	204,098	47,600	22,431	-
3400 HEALTH EDUCATION	32,144	30,744	1,400	-	-
3500 STATISTICS	372,367	361,367	11,000	-	-
3600 ADMINISTRATIVE METHODS	399,094	368,231	20,000	17,863	-
3700 HEALTH PLANNING	271,903	241,303	30,600	-	-
B. SPECIFIC PROGRAMS	2,525,372	1,794,582	381,847	348,943	-
4100 MATERNAL AND CHILD HEALTH	311,183	199,613	29,600	81,970	-
4200 NUTRITION	835,151	308,004	260,174	266,973	-
4300 MENTAL HEALTH	136,951	113,151	23,800	-	-
4400 DENTAL HEALTH	142,608	124,535	18,073	-	-
4500 RADIATION AND ISOTOPES	91,976	90,576	1,400	-	-
4600 OCCUPATIONAL HEALTH	44,709	39,309	5,400	-	-
4700 FOOD AND DRUG	83,904	82,504	1,400	-	-
4800 MEDICAL CARE	628,512	593,312	35,200	-	-
4900 HEALTH AND POPULATION DYNAMICS	221,631	214,831	6,800	-	-
5000 REHABILITATION	28,747	28,747	-	-	-
III. DEVELOPMENT OF EDUCATIONAL INSTITUTIONS	1,493,001	1,238,901	252,100	2,000	-
6100 PUBLIC HEALTH	36,797	25,797	11,000	-	-
6200 MEDICINE	709,154	604,854	102,300	2,000	-
6300 NURSING	283,836	219,436	64,400	-	-
6400 ENVIRONMENTAL SCIENCES	216,003	186,203	29,800	-	-
6500 VETERINARY MEDICINE	54,000	20,400	33,600	-	-
6600 DENTISTRY	62,365	52,565	9,800	-	-
6700 BIOSTATISTICS	130,846	129,446	1,400	-	-
IV. PROGRAM SERVICES	1,187,323	510,346	-	-	676,977
7100 PROGRAM SERVICES	1,187,323	510,346	-	-	676,977
V. ADMINISTRATIVE DIRECTION	2,409,999	-	-	-	2,409,999
8100 EXECUTIVE AND TECHNICAL DIRECTION	204,051	-	-	-	204,051
8200 ADMINISTRATIVE SERVICES	1,239,733	-	-	-	1,239,733
8300 GENERAL EXPENSES	966,215	-	-	-	966,215
VI. GOVERNING BODIES	364,987	-	-	-	364,987
VII. INCREASE TO ASSETS	350,000	-	-	-	350,000
GRAND TOTAL	16,761,064	10,204,649	1,567,675	1,186,777	3,801,963
PER CENT OF TOTAL	100.0	60.9	9.4	7.1	22.6

ANNEX 5 . . . CONTINUED  
 PROGRAM BUDGET - DETAIL BY FUND  
 PAHO SPECIAL MALARIA

1969-1972

PROGRAM BUDGET - DETAIL 1969	TOTAL	ADVISORY SERVICES	DEVELOPMENT OF HUMAN RESOURCES	RESEARCH	INDIRECT PROGRAM COSTS
I. PROTECTION OF HEALTH	\$ 1,142,862	\$ 983,008	\$ 2,720	\$ 157,134	\$ -
A. COMMUNICABLE DISEASES	1,142,862	983,008	2,720	157,134	-
0200 MALARIA	1,142,862	983,008	2,720	157,134	-
GRAND TOTAL	1,142,862	983,008	2,720	157,134	-
PER CENT OF TOTAL	100.0	86.0	.2	13.8	-

PROGRAM BUDGET - DETAIL 1970	TOTAL	ADVISORY SERVICES	DEVELOPMENT OF HUMAN RESOURCES	RESEARCH	INDIRECT PROGRAM COSTS
I. PROTECTION OF HEALTH	\$ 1,111,991	\$ 775,836	\$ 12,400	\$ 323,755	\$ -
A. COMMUNICABLE DISEASES	1,111,991	775,836	12,400	323,755	-
0200 MALARIA	1,111,991	775,836	12,400	323,755	-
GRAND TOTAL	1,111,991	775,836	12,400	323,755	-
PER CENT OF TOTAL	100.0	69.8	1.1	29.1	-

PROGRAM BUDGET - DETAIL 1971	TOTAL	ADVISORY SERVICES	DEVELOPMENT OF HUMAN RESOURCES	RESEARCH	INDIRECT PROGRAM COSTS
I. PROTECTION OF HEALTH	\$ 829,868	\$ 642,270	\$ 8,400	\$ 179,198	\$ -
A. COMMUNICABLE DISEASES	829,868	642,270	8,400	179,198	-
0200 MALARIA	829,868	642,270	8,400	179,198	-
GRAND TOTAL	829,868	642,270	8,400	179,198	-
PER CENT OF TOTAL	100.0	77.4	1.0	21.6	-

PROGRAM BUDGET - DETAIL 1972	TOTAL	ADVISORY SERVICES	DEVELOPMENT OF HUMAN RESOURCES	RESEARCH	INDIRECT PROGRAM COSTS
I. PROTECTION OF HEALTH	\$ 619,242	\$ 348,636	\$ 1,400	\$ 269,206	\$ -
A. COMMUNICABLE DISEASES	619,242	348,636	1,400	269,206	-
0200 MALARIA	619,242	348,636	1,400	269,206	-
GRAND TOTAL	619,242	348,636	1,400	269,206	-
PER CENT OF TOTAL	100.0	56.3	.2	43.5	-



ANNEX 5 . . . CONTINUED  
PROGRAM BUDGET - DETAIL BY FUND  
PAHO COMMUNITY WATER SUPPLY

1969-1972					
PROGRAM BUDGET - DETAIL 1969	TOTAL	ADVISORY SERVICES	DEVELOPMENT OF HUMAN RESOURCES	RESEARCH	INDIRECT PROGRAM COSTS
I. PROTECTION OF HEALTH	\$ 56,742	\$ 45,645	\$ 11,097	\$ -	\$ -
B. ENVIRONMENTAL HEALTH	56,742	45,645	11,097	-	-
2100 GENERAL	491	491	-	-	-
2200 WATER SUPPLIES	56,251	45,154	11,097	-	-
GRAND TOTAL	56,742	45,645	11,097	-	-
PER CENT OF TOTAL	100.0	80.4	19.6	-	-
PROGRAM BUDGET - DETAIL 1970	TOTAL	ADVISORY SERVICES	DEVELOPMENT OF HUMAN RESOURCES	RESEARCH	INDIRECT PROGRAM COSTS
I. PROTECTION OF HEALTH	\$ 238,863	\$ 211,063	\$ 27,800	\$ -	\$ -
B. ENVIRONMENTAL HEALTH	238,863	211,063	27,800	-	-
2100 GENERAL	-	-	-	-	-
2200 WATER SUPPLIES	238,863	211,063	27,800	-	-
GRAND TOTAL	238,863	211,063	27,800	-	-
PER CENT OF TOTAL	100.0	88.4	11.6	-	-
PROGRAM BUDGET - DETAIL 1971	TOTAL	ADVISORY SERVICES	DEVELOPMENT OF HUMAN RESOURCES	RESEARCH	INDIRECT PROGRAM COSTS
I. PROTECTION OF HEALTH	\$ 199,922	\$ 157,922	\$ 42,000	\$ -	\$ -
B. ENVIRONMENTAL HEALTH	199,922	157,922	42,000	-	-
2200 WATER SUPPLIES	199,922	157,922	42,000	-	-
GRAND TOTAL	199,922	157,922	42,000	-	-
PER CENT OF TOTAL	100.0	79.0	21.0	-	-
PROGRAM BUDGET - DETAIL 1972	TOTAL	ADVISORY SERVICES	DEVELOPMENT OF HUMAN RESOURCES	RESEARCH	INDIRECT PROGRAM COSTS
I. PROTECTION OF HEALTH	\$ 119,698	\$ 112,698	\$ 7,000	\$ -	\$ -
B. ENVIRONMENTAL HEALTH	119,698	112,698	7,000	-	-
2200 WATER SUPPLIES	119,698	112,698	7,000	-	-
GRAND TOTAL	119,698	112,698	7,000	-	-
PER CENT OF TOTAL	100.0	94.2	5.8	-	-

ANNEX 5 . . . CONTINUED  
PROGRAM BUDGET - DETAIL BY FUND  
GRANTS AND OTHER CONTRIBUTIONS TO PAHO

1969

PROGRAM BUDGET - DETAIL 1969	TOTAL	ADVISORY SERVICES	DEVELOPMENT OF HUMAN RESOURCES	RESEARCH	INDIRECT PROGRAM COSTS
	\$	\$	\$	\$	\$
I. PROTECTION OF HEALTH	569,681	394,320	90,148	85,213	-
A. COMMUNICABLE DISEASES	500,718	331,205	84,300	85,213	-
0700 ZOOZOSES	493,158	327,041	83,058	83,059	-
0800 FOOT-AND-MOUTH DISEASE	7,180	3,784	1,242	2,154	-
1000 PARASITIC DISEASES	380	380	-	-	-
B. ENVIRONMENTAL HEALTH	68,963	63,115	5,848	-	-
2100 GENERAL	6,156	308	5,848	-	-
2200 WATER SUPPLIES	62,807	62,807	-	-	-
II. PROMOTION OF HEALTH	2,119,409	717,434	553,998	847,977	-
A. GENERAL SERVICES	414,357	32,210	16,357	365,790	-
3100 GENERAL PUBLIC HEALTH	17,773	2,552	2,045	13,176	-
3200 NURSING	29,658	29,658	-	-	-
3300 LABORATORY	27	-	27	-	-
3400 HEALTH EDUCATION	14,285	-	14,285	-	-
3500 STATISTICS	352,614	-	-	352,614	-
B. SPECIFIC PROGRAMS	1,705,052	685,224	537,641	482,187	-
4100 MATERNAL AND CHILD HEALTH	18,646	4,025	14,621	-	-
4200 NUTRITION	932,940	160,245	404,906	367,789	-
4300 MENTAL HEALTH	63,429	2,625	9,345	51,459	-
4400 DENTAL HEALTH	33,399	22,887	10,512	-	-
4500 RADIATION AND ISOTOPES	1,140	1,140	-	-	-
4600 OCCUPATIONAL HEALTH	62,939	-	-	62,939	-
4800 MEDICAL CARE	133,981	127,788	6,193	-	-
4900 HEALTH AND POPULATION DYNAMICS	458,578	366,514	92,064	-	-
III. DEVELOPMENT OF EDUCATIONAL INSTITUTIONS	195,228	178,254	16,974	-	-
6100 PUBLIC HEALTH	-	-	-	-	-
6200 MEDICINE	173,633	163,496	10,137	-	-
6300 NURSING	11,595	4,758	6,837	-	-
6400 ENVIRONMENTAL SCIENCES	-	-	-	-	-
6600 DENTISTRY	10,000	10,000	-	-	-
 GRAND TOTAL	 2,884,318	 1,290,008	 661,120	 933,190	 -
PER CENT OF TOTAL	100.0	44.7	22.9	32.4	-

ANNEX 5 . . . CONTINUED  
PROGRAM BUDGET - DETAIL BY FUND  
GRANTS AND OTHER CONTRIBUTIONS TO PAHO

PROGRAM BUDGET - DETAIL 1970	1970				INDIRECT PROGRAM COSTS
	TOTAL	ADVISORY SERVICES	DEVELOPMENT OF HUMAN RESOURCES	RESEARCH	
	\$	\$	\$	\$	\$
I. PROTECTION OF HEALTH	556,795	369,038	93,879	93,878	-
A. COMMUNICABLE DISEASES	517,455	329,698	93,879	93,878	-
0700 ZOOZOSES	517,455	329,698	93,879	93,878	-
0800 FOOT-AND-MOUTH DISEASE	-	-	-	-	-
1000 PARASITIC DISEASES	-	-	-	-	-
B. ENVIRONMENTAL HEALTH	39,340	39,340	-	-	-
2100 GENERAL	9,497	9,497	-	-	-
2200 WATER SUPPLIES	29,843	29,843	-	-	-
II. PROMOTION OF HEALTH	3,349,215	1,877,864	674,672	796,579	-
A. GENERAL SERVICES	647,174	233,907	131,000	282,267	-
3100 GENERAL PUBLIC HEALTH	252,500	201,500	51,000	-	-
3200 NURSING	32,407	32,407	-	-	-
3300 LABORATORY	80,000	-	80,000	-	-
3400 HEALTH EDUCATION	-	-	-	-	-
3500 STATISTICS	282,267	-	-	282,267	-
B. SPECIFIC PROGRAMS	2,702,041	1,643,957	543,672	514,412	-
4100 MATERNAL AND CHILD HEALTH	125,123	5,823	72,774	46,526	-
4200 NUTRITION	756,826	125,597	304,612	326,617	-
4300 MENTAL HEALTH	52,261	2,400	-	49,861	-
4400 DENTAL HEALTH	50,895	38,895	12,000	-	-
4500 RADIATION AND ISOTOPES	-	-	-	-	-
4600 OCCUPATIONAL HEALTH	71,408	-	-	71,408	-
4800 MEDICAL CARE	228,025	193,739	34,286	-	-
4900 HEALTH AND POPULATION DYNAMICS	1,417,503	1,277,503	120,000	20,000	-
III. DEVELOPMENT OF EDUCATIONAL INSTITUTIONS	558,370	528,361	25,009	5,000	-
6100 PUBLIC HEALTH	50,000	45,000	5,000	-	-
6200 MEDICINE	417,086	400,577	16,509	-	-
6300 NURSING	16,524	16,524	-	-	-
6400 ENVIRONMENTAL SCIENCES	54,000	45,500	8,500	5,000	-
6600 DENTISTRY	20,760	20,760	-	-	-
<b>GRAND TOTAL</b>	<b>4,464,380</b>	<b>2,775,263</b>	<b>793,560</b>	<b>895,557</b>	<b>-</b>
=====	=====	=====	=====	=====	=====
PER CENT OF TOTAL	100.0	62.2	17.8	20.0	-

ANNEX 5 . . . CONTINUED  
PROGRAM BUDGET - DETAIL BY FUND  
GRANTS AND OTHER CONTRIBUTIONS TO PAHO

1971

PROGRAM BUDGET - DETAIL 1971	TOTAL	ADVISORY SERVICES	DEVELOPMENT OF HUMAN RESOURCES	RESEARCH	INDIRECT PROGRAM COSTS
I. PROTECTION OF HEALTH	\$ 529,708	\$ 341,290	\$ 94,210	\$ 94,208	\$ -
A. COMMUNICABLE DISEASES	517,557	329,139	94,210	94,208	-
0700 ZONOSSES	517,557	329,139	94,210	94,208	-
B. ENVIRONMENTAL HEALTH	12,151	12,151	-	-	-
2100 GENERAL	12,151	12,151	-	-	-
II. PROMOTION OF HEALTH	1,576,335	514,884	506,935	554,516	-
A. GENERAL SERVICES	169,502	37,259	16,000	116,243	-
3100 GENERAL PUBLIC HEALTH	18,000	2,000	16,000	-	-
3200 NURSING	35,259	35,259	-	-	-
3500 STATISTICS	116,243	-	-	116,243	-
B. SPECIFIC PROGRAMS	1,406,833	477,625	490,935	438,273	-
4100 MATERNAL AND CHILD HEALTH	142,331	6,831	73,717	61,783	-
4200 NUTRITION	667,628	106,067	255,932	305,629	-
4300 MENTAL HEALTH	50,861	-	-	50,861	-
4400 DENTAL HEALTH	9,437	2,437	7,000	-	-
4800 MEDICAL CARE	197,076	162,790	34,286	-	-
4900 HEALTH AND POPULATION DYNAMICS	339,500	199,500	120,000	20,000	-
III. DEVELOPMENT OF EDUCATIONAL INSTITUTIONS	273,145	237,940	22,205	13,000	-
6100 PUBLIC HEALTH	75,000	71,376	3,624	-	-
6200 MEDICINE	122,855	108,274	14,581	-	-
6300 NURSING	17,290	17,290	-	-	-
6400 ENVIRONMENTAL SCIENCES	48,000	31,000	4,000	13,000	-
6600 DENTISTRY	10,000	10,000	-	-	-
 GRAND TOTAL	 2,379,188	 1,094,114	 623,350	 661,724	 -
PER CENT OF TOTAL	100.0	46.0	26.2	27.8	-

ANNEX 5 . . . CONTINUED  
PROGRAM BUDGET - DETAIL BY FUND  
GRANTS AND OTHER CONTRIBUTIONS TO PAHO

1972

PROGRAM BUDGET - DETAIL 1972	TOTAL	ADVISORY SERVICES	DEVELOPMENT OF HUMAN RESOURCES	RESEARCH	INDIRECT PROGRAM COSTS
	\$	\$	\$	\$	\$
I. PROTECTION OF HEALTH	544,932	337,671	103,631	103,630	-
A. COMMUNICABLE DISEASES	544,932	337,671	103,631	103,630	-
0700 ZOOZOSES	544,932	337,671	103,631	103,630	-
B. ENVIRONMENTAL HEALTH	-	-	-	-	-
2100 GENERAL	-	-	-	-	-
II. PROMOTION OF HEALTH	1,238,162	474,490	382,160	381,512	-
A. GENERAL SERVICES	79,675	33,740	16,000	29,935	-
3100 GENERAL PUBLIC HEALTH	18,000	2,000	16,000	-	-
3200 NURSING	31,740	31,740	-	-	-
3500 STATISTICS	29,935	-	-	29,935	-
B. SPECIFIC PROGRAMS	1,158,487	440,750	366,160	351,577	-
4100 MATERNAL AND CHILD HEALTH	124,297	4,297	75,684	44,315	-
4200 NUTRITION	614,746	100,295	222,150	292,261	-
4300 MENTAL HEALTH	-	-	-	-	-
4400 DENTAL HEALTH	-	-	-	-	-
4800 MEDICAL CARE	190,744	156,458	34,286	-	-
4900 HEALTH AND POPULATION DYNAMICS	228,700	179,700	34,000	15,000	-
III. DEVELOPMENT OF EDUCATIONAL INSTITUTIONS	242,000	206,473	18,527	17,000	-
6100 PUBLIC HEALTH	45,000	44,173	827	-	-
6200 MEDICINE	135,000	119,800	15,200	-	-
6300 NURSING	-	-	-	-	-
6400 ENVIRONMENTAL SCIENCES	52,000	32,500	2,500	17,000	-
6600 DENTISTRY	10,000	10,000	-	-	-
GRAND TOTAL	2,025,094	1,018,634	504,318	502,142	-
PER CENT OF TOTAL	100.0	50.3	24.9	24.8	-

ANNEX 5 . . . CONTINUED  
PROGRAM BUDGET - DETAIL BY FUND  
INCAP  
1969 AND 1970

PROGRAM BUDGET - DETAIL 1969	TOTAL	ADVISORY SERVICES	DEVELOPMENT OF HUMAN RESOURCES	RESEARCH	INDIRECT PROGRAM COSTS
	\$	\$	\$	\$	\$
II. PROMOTION OF HEALTH	420,952	79,433	157,568	183,951	-
B. SPECIFIC PROGRAMS	420,952	79,433	157,568	183,951	-
4200 NUTRITION	420,952	79,433	157,568	183,951	-
GRAND TOTAL =====	420,952	79,433	157,568	183,951	-
PER CENT OF TOTAL	100.0	18.9	37.4	43.7	-

PROGRAM BUDGET - DETAIL 1970	TOTAL	ADVISORY SERVICES	DEVELOPMENT OF HUMAN RESOURCES	RESEARCH	INDIRECT PROGRAM COSTS
	\$	\$	\$	\$	\$
II. PROMOTION OF HEALTH	394,545	74,280	148,250	172,015	-
B. SPECIFIC PROGRAMS	394,545	74,280	148,250	172,015	-
4200 NUTRITION	394,545	74,280	148,250	172,015	-
GRAND TOTAL =====	394,545	74,280	148,250	172,015	-
PER CENT OF TOTAL	100.0	18.8	37.6	43.6	-

ANNEX 5 . . . CONTINUED  
PROGRAM BUDGET - DETAIL BY FUND  
INCAP  
1971 AND 1972

PROGRAM BUDGET - DETAIL 1972	TOTAL	ADVISORY SERVICES	DEVELOPMENT OF HUMAN RESOURCES	RESEARCH	INDIRECT PROGRAM COSTS
	\$	\$	\$	\$	\$
II. PROMOTION OF HEALTH	394,545	74,280	148,250	172,015	-
B. SPECIFIC PROGRAMS	394,545	74,280	148,250	172,015	-
4200 NUTRITION	394,545	74,280	148,250	172,015	-
GRAND TOTAL =====	394,545	74,280	148,250	172,015	-
PER CENT OF TOTAL	100.0	18.8	37.6	43.6	-

PROGRAM BUDGET - DETAIL 1971	TOTAL	ADVISORY SERVICES	DEVELOPMENT OF HUMAN RESOURCES	RESEARCH	INDIRECT PROGRAM COSTS
	\$	\$	\$	\$	\$
II. PROMOTION OF HEALTH	394,545	74,280	148,251	172,014	-
B. SPECIFIC PROGRAMS	394,545	74,280	148,251	172,014	-
4200 NUTRITION	394,545	74,280	148,251	172,014	-
GRAND TOTAL =====	394,545	74,280	148,251	172,014	-
PER CENT OF TOTAL	100.0	18.8	37.6	43.6	-

ANNEX 5 . . . CONTINUED  
PROGRAM BUDGET - DETAIL BY FUND  
WHO REGULAR

PROGRAM BUDGET - DETAIL 1969		1969				
		TOTAL	ADVISORY SERVICES	DEVELOPMENT OF HUMAN RESOURCES	RESEARCH	INDIRECT PROGRAM COSTS
		\$	\$	\$	\$	\$
I.	PROTECTION OF HEALTH	1,934,508	1,718,592	85,649	130,267	-
A.	COMMUNICABLE DISEASES	1,641,527	1,433,854	77,406	130,267	-
	0100 GENERAL	37,826	34,490	3,336	-	-
	0200 MALARIA	615,858	530,997	5,600	79,261	-
	0300 SMALLPOX	669,147	661,174	7,968	-	-
	0400 TUBERCULOSIS	80,046	49,244	30,802	-	-
	0500 LEPROSY	15,273	15,273	-	-	-
	0600 VENEREAL DISEASES	3,660	3,660	-	-	-
	0700 ZOONOSES	185,609	126,695	29,700	29,214	-
	0900 OTHER	34,113	12,321	-	21,792	-
B.	ENVIRONMENTAL HEALTH	292,981	284,738	8,243	-	-
	2100 GENERAL	135,844	133,543	2,301	-	-
	2200 WATER SUPPLIES	114,216	108,274	5,942	-	-
	2300 Aedes Aegypti ERADICATION	40,921	40,921	-	-	-
	2400 HOUSING	2,000	2,000	-	-	-
II.	PROMOTION OF HEALTH	2,710,952	1,568,974	1,135,963	5,615	-
A.	GENERAL SERVICES	1,885,669	903,690	977,763	4,216	-
	3100 GENERAL PUBLIC HEALTH	1,283,778	411,011	868,551	4,216	-
	3200 NURSING	65,520	50,908	14,612	-	-
	3300 LABORATORY	137,190	135,937	1,253	-	-
	3400 HEALTH EDUCATION	107,025	79,078	27,947	-	-
	3500 STATISTICS	193,799	176,474	17,325	-	-
	3600 ADMINISTRATIVE METHODS	32,916	-	32,916	-	-
	3700 HEALTH PLANNING	65,441	50,282	15,159	-	-
B.	SPECIFIC PROGRAMS	824,883	665,284	158,200	1,399	-
	4100 MATERNAL AND CHILD HEALTH	106,607	104,701	1,906	-	-
	4200 NUTRITION	304,196	237,081	65,716	1,399	-
	4300 MENTAL HEALTH	6,935	6,935	-	-	-
	4400 DENTAL HEALTH	-	-	-	-	-
	4500 RADIATION AND ISOTOPES	39,233	23,825	15,408	-	-
	4600 OCCUPATIONAL HEALTH	55,720	31,564	24,156	-	-
	4700 FOOD AND DRUG	14,472	14,472	-	-	-
	4800 MEDICAL CARE	196,631	151,189	45,442	-	-
	4900 HEALTH AND POPULATION DYNAMICS	47,728	47,728	-	-	-
	5000 REHABILITATION	53,361	47,789	5,572	-	-
III.	DEVELOPMENT OF EDUCATIONAL INSTITUTIONS	493,157	370,576	122,581	-	-
	6100 PUBLIC HEALTH	60,304	38,120	22,184	-	-
	6200 MEDICINE	196,408	130,382	66,026	-	-
	6300 NURSING	90,420	73,213	17,207	-	-
	6400 ENVIRONMENTAL SCIENCES	76,380	68,770	7,610	-	-
	6500 VETERINARY MEDICINE	10,539	1,887	8,652	-	-
	6600 DENTISTRY	34,094	33,192	902	-	-
	6700 BIOSTATISTICS	25,012	25,012	-	-	-
IV.	PROGRAM SERVICES	205,845	124,948	-	-	80,897
	7100 PROGRAM SERVICES	205,845	124,948	-	-	80,897
V.	ADMINISTRATIVE DIRECTION	778,082	-	-	-	778,082
	8100 EXECUTIVE AND TECHNICAL DIRECTION	52,913	-	-	-	52,913
	8200 ADMINISTRATIVE SERVICES	384,329	-	-	-	384,329
	8300 GENERAL EXPENSES	340,840	-	-	-	340,840
VI.	GOVERNING BODIES	108,201	-	-	-	108,201
	GRAND TOTAL	6,230,345	3,783,090	1,344,193	135,882	967,180
	PER CENT OF TOTAL	100.0	60.7	21.6	2.2	15.5



ANNEX 5 . . . CONTINUED  
PROGRAM BUDGET - DETAIL BY FUND  
WHO REGULAR

PROGRAM BUDGET - DETAIL 1970		1970		DEVELOPMENT OF HUMAN RESOURCES	RESEARCH	INDIRECT PROGRAM COSTS
		TOTAL	ADVISORY SERVICES			
		\$	\$	\$	\$	\$
I.	PROTECTION OF HEALTH	2,162,893	1,828,982	240,108	93,803	-
A.	COMMUNICABLE DISEASES	1,653,330	1,388,419	171,108	93,803	-
	0100 GENERAL	44,879	35,279	9,600	-	-
	0200 MALARIA	507,175	459,046	2,800	45,329	-
	0300 SMALLPOX	652,000	609,900	42,100	-	-
	0400 TUBERCULOSIS	114,296	78,296	36,000	-	-
	0500 LEPROSY	37,608	34,808	2,800	-	-
	0600 VENEREAL DISEASES	27,925	23,725	4,200	-	-
	0700 ZOOSES	237,707	137,165	73,608	26,929	-
	0900 OTHER	31,745	10,200	-	21,545	-
B.	ENVIRONMENTAL HEALTH	509,563	440,563	69,000	-	-
	2100 GENERAL	232,861	189,861	43,000	-	-
	2200 WATER SUPPLIES	190,264	164,264	26,000	-	-
	2300 AEDES AEGYPTI ERADICATION	79,438	79,438	-	-	-
	2400 HOUSING	7,000	7,000	-	-	-
II.	PROMOTION OF HEALTH	2,454,172	1,878,138	549,700	26,334	-
A.	GENERAL SERVICES	1,433,634	1,031,834	398,200	3,600	-
	3100 GENERAL PUBLIC HEALTH	743,084	526,284	216,800	-	-
	3200 NURSING	127,704	68,544	59,160	-	-
	3300 LABORATORY	109,391	71,701	34,000	3,600	-
	3400 HEALTH EDUCATION	98,062	94,062	4,000	-	-
	3500 STATISTICS	239,832	204,082	35,750	-	-
	3600 ADMINISTRATIVE METHODS	26,800	3,600	23,200	-	-
	3700 HEALTH PLANNING	88,761	63,561	25,200	-	-
B.	SPECIFIC PROGRAMS	1,020,538	846,304	151,500	22,734	-
	4100 MATERNAL AND CHILD HEALTH	161,441	134,907	8,400	18,134	-
	4200 NUTRITION	327,300	278,100	44,600	4,600	-
	4300 MENTAL HEALTH	11,136	11,136	-	-	-
	4400 DENTAL HEALTH	8,200	5,400	2,800	-	-
	4500 RADIATION AND ISOTOPES	34,800	22,800	12,000	-	-
	4600 OCCUPATIONAL HEALTH	36,690	33,890	2,800	-	-
	4700 FOOD AND DRUG	39,900	26,300	13,600	-	-
	4800 MEDICAL CARE	232,400	194,200	38,200	-	-
	4900 HEALTH AND POPULATION DYNAMICS	65,844	65,844	-	-	-
	5000 REHABILITATION	102,827	73,727	29,100	-	-
III.	DEVELOPMENT OF EDUCATIONAL INSTITUTIONS	779,381	554,181	225,200	-	-
	6100 PUBLIC HEALTH	89,072	63,472	25,600	-	-
	6200 MEDICINE	370,112	264,112	106,000	-	-
	6300 NURSING	122,119	91,119	31,000	-	-
	6400 ENVIRONMENTAL SCIENCES	57,200	48,800	8,400	-	-
	6500 VETERINARY MEDICINE	49,400	26,600	22,800	-	-
	6600 DENTISTRY	59,200	31,800	27,400	-	-
	6700 BIOSTATISTICS	32,278	28,278	4,000	-	-
IV.	PROGRAM SERVICES	273,202	144,520	-	-	128,682
	7100 PROGRAM SERVICES	273,202	144,520	-	-	128,682
V.	ADMINISTRATIVE DIRECTION	852,348	-	-	-	852,348
	8100 EXECUTIVE AND TECHNICAL DIRECTION	50,853	-	-	-	50,853
	8200 ADMINISTRATIVE SERVICES	429,975	-	-	-	429,975
	8300 GENERAL EXPENSES	371,520	-	-	-	371,520
VI.	GOVERNING BODIES	121,604	-	-	-	121,604
	GRAND TOTAL	6,643,600	4,405,821	1,015,008	120,137	1,102,634
	=====	=====	=====	=====	=====	=====
	PFR CENT OF TOTAL	100.0	66.3	15.3	1.8	16.6

ANNEX 5 . . . CONTINUED  
PROGRAM BUDGET - DETAIL BY FUND  
WHO REGULAR

1971

PROGRAM BUDGET - DETAIL 1971	1971				
	TOTAL	ADVISORY SERVICES	DEVELOPMENT OF HUMAN RESOURCES	RESEARCH	INDIRECT PROGRAM COSTS
	\$	\$	\$	\$	\$
I. PROTECTION OF HEALTH	2,326,823	1,949,065	287,938	89,820	-
A. COMMUNICABLE DISEASES	1,714,276	1,448,079	176,377	89,820	-
0100 GENERAL	52,741	45,741	7,000	-	-
0200 MALARIA	496,820	444,856	2,800	49,164	-
0300 SMALLPOX	682,000	639,900	42,100	-	-
0400 TUBERCULOSIS	184,274	107,369	76,905	-	-
0500 LEPRESY	40,981	40,981	-	-	-
0600 VENEREAL DISEASES	39,178	29,578	9,600	-	-
0700 ZCCNOSES	202,682	129,454	37,972	35,256	-
0900 OTHER	15,600	10,200	-	5,400	-
1000 PARASITIC DISEASES	-	-	-	-	-
B. ENVIRONMENTAL HEALTH	612,547	500,986	111,561	-	-
2100 GENERAL	313,649	230,888	82,761	-	-
2200 WATER SUPPLIES	233,876	210,476	23,400	-	-
2300 AEGES AEGYPTI ERADICATION	49,022	49,022	-	-	-
2400 HOUSING	16,000	10,600	5,400	-	-
II. PROMOTION OF HEALTH	2,800,305	2,053,178	683,020	64,107	-
A. GENERAL SERVICES	1,590,101	1,077,509	506,220	6,372	-
3100 GENERAL PUBLIC HEALTH	872,322	540,722	331,600	-	-
3200 NURSING	166,430	72,438	91,220	2,772	-
3300 LABORATORY	131,990	87,590	40,800	3,600	-
3400 HEALTH EDUCATION	102,524	101,124	1,400	-	-
3500 STATISTICS	218,243	205,843	12,400	-	-
3600 ADMINISTRATIVE METHODS	21,200	3,600	17,600	-	-
3700 HEALTH PLANNING	77,392	66,192	11,200	-	-
B. SPECIFIC PROGRAMS	1,210,204	975,669	176,800	57,735	-
4100 MATERNAL AND CHILD HEALTH	220,835	138,920	61,200	20,715	-
4200 NUTRITION	381,735	327,135	46,000	8,600	-
4300 MENTAL HEALTH	53,503	28,303	1,400	23,800	-
4400 DENTAL HEALTH	11,800	3,600	8,200	-	-
4500 RADIATION AND ISOTOPES	27,400	18,000	9,400	-	-
4600 OCCUPATIONAL HEALTH	40,876	36,676	4,200	-	-
4700 FOOD AND DRUG	51,744	50,344	1,400	-	-
4800 MEDICAL CARE	289,429	246,609	38,200	4,620	-
4900 HEALTH AND POPULATION DYNAMICS	47,018	47,018	-	-	-
5000 REHABILITATION	85,864	79,064	6,800	-	-
III. DEVELOPMENT OF EDUCATIONAL INSTITUTIONS	810,766	569,216	241,550	-	-
6100 PUBLIC HEALTH	130,017	86,817	43,200	-	-
6200 MEDICINE	345,833	265,433	80,400	-	-
6300 NURSING	142,759	83,809	58,950	-	-
6400 ENVIRONMENTAL SCIENCES	55,500	47,100	8,400	-	-
6500 VETERINARY MEDICINE	44,000	21,000	23,000	-	-
6600 DENTISTRY	60,000	32,400	27,600	-	-
6700 BIOSTATISTICS	32,657	32,657	-	-	-
IV. PROGRAM SERVICES	303,987	159,711	-	-	144,276
7100 PROGRAM SERVICES	303,987	159,711	-	-	144,276
V. ADMINISTRATIVE DIRECTION	899,817	-	-	-	899,817
8100 EXECUTIVE AND TECHNICAL DIRECTION	52,143	-	-	-	52,143
8200 ADMINISTRATIVE SERVICES	465,724	-	-	-	465,724
8300 GENERAL EXPENSES	381,950	-	-	-	381,950
VI. GOVERNING BODIES	129,802	-	-	-	129,802
GRAND TOTAL	7,271,500	4,731,170	1,212,508	153,927	1,173,895
PER CENT OF TOTAL	100.0	65.1	16.7	2.1	16.1

ANNEX 5 . . . CONTINUED  
PROGRAM BUDGET - DETAIL BY FUND  
WHO REGULAR

1972					
PROGRAM BUDGET - DETAIL 1972	TOTAL	ADVISORY SERVICES	DEVELOPMENT OF HUMAN RESOURCES	RESEARCH	INDIRECT PROGRAM COSTS
	\$	\$	\$	\$	\$
I. PROTECTION OF HEALTH	2,501,550	2,024,434	371,518	105,598	-
A. COMMUNICABLE DISEASES	1,803,727	1,498,561	209,568	105,598	-
0100 GENERAL	63,098	50,698	12,400	-	-
0200 MALARIA	500,913	449,696	-	51,217	-
0300 SMALLPOX	692,000	639,900	42,100	-	-
0400 TUBERCULOSIS	160,622	125,222	35,400	-	-
0500 LEPROSY	68,793	39,793	29,000	-	-
0600 VENEREAL DISEASES	35,405	29,805	5,600	-	-
0700 ZONCOSES	263,753	132,964	85,064	45,761	-
0900 OTHER	24,143	20,543	-	3,600	-
1000 PARASITIC DISEASES	5,000	-	-	5,000	-
B. ENVIRONMENTAL HEALTH	697,823	535,873	161,950	-	-
2100 GENERAL	306,640	246,040	60,600	-	-
2200 WATER SUPPLIES	285,083	186,533	98,550	-	-
2300 AEOES AEGYPTI ERADICATION	94,500	94,500	-	-	-
2400 HOUSING	11,600	8,800	2,800	-	-
II. PROMOTION OF HEALTH	3,057,731	2,234,784	743,285	79,662	-
A. GENERAL SERVICES	1,685,794	1,179,619	497,200	8,975	-
3100 GENERAL PUBLIC HEALTH	937,936	601,136	336,800	-	-
3200 NURSING	146,643	76,468	64,800	5,375	-
3300 LABORATORY	143,649	103,449	36,600	3,600	-
3400 HEALTH EDUCATION	108,464	107,064	1,400	-	-
3500 STATISTICS	240,199	211,399	78,800	-	-
3600 ADMINISTRATIVE METHODS	22,600	3,600	19,000	-	-
3700 HEALTH PLANNING	86,303	76,503	9,800	-	-
B. SPECIFIC PROGRAMS	1,371,937	1,055,165	246,085	70,687	-
4100 MATERNAL AND CHILD HEALTH	209,316	146,616	40,500	22,200	-
4200 NUTRITION	473,069	363,546	93,795	15,728	-
4300 MENTAL HEALTH	86,590	49,800	12,990	23,800	-
4400 DENTAL HEALTH	10,400	3,600	6,800	-	-
4500 RADIATION AND ISOTOPES	50,050	22,450	27,600	-	-
4600 OCCUPATIONAL HEALTH	44,369	40,169	4,200	-	-
4700 FOOD AND DRUG	69,318	60,918	8,400	-	-
4800 MEDICAL CARE	331,903	273,944	49,000	8,959	-
4900 HEALTH AND POPULATION DYNAMICS	28,628	28,628	-	-	-
5000 REHABILITATION	68,294	65,494	2,800	-	-
III. DEVELOPMENT OF EDUCATIONAL INSTITUTIONS	890,275	635,125	255,150	-	-
6100 PUBLIC HEALTH	126,475	96,825	29,600	-	-
6200 MEDICINE	380,010	279,210	100,800	-	-
6300 NURSING	172,492	108,142	64,350	-	-
6400 ENVIRONMENTAL SCIENCES	55,500	47,100	8,400	-	-
6500 VETERINARY MEDICINE	58,700	32,900	25,800	-	-
6600 DENTISTRY	63,800	37,600	26,200	-	-
6700 BIOSTATISTICS	33,348	33,348	-	-	-
IV. PROGRAM SERVICES	324,861	170,046	-	-	154,815
7100 PROGRAM SERVICES	324,861	170,046	-	-	154,815
V. ADMINISTRATIVE DIRECTION	1,014,708	-	-	-	1,014,708
8100 EXECUTIVE AND TECHNICAL DIRECTION	53,495	-	-	-	53,495
8200 ADMINISTRATIVE SERVICES	495,808	-	-	-	495,808
8300 GENERAL EXPENSES	465,405	-	-	-	465,405
VI. GOVERNING BODIES	132,875	-	-	-	132,875
GRAND TOTAL	7,922,000	5,064,389	1,369,953	185,260	1,302,398
PER CENT OF TOTAL	100.0	63.9	17.3	2.3	16.5

ANNEX 5 . . . CONTINUED  
 PROGRAM BUDGET - DETAIL BY FUND  
 WHO MALARIA ERADICATION SPECIAL ACCOUNT

1969-1972

PROGRAM BUDGET - DETAIL 1969	TOTAL	ADVISORY SERVICES	DEVELOPMENT OF HUMAN RESOURCES	RESEARCH	INDIRECT PROGRAM COSTS
I. PROTECTION OF HEALTH	\$ 177,519	\$ 176,709	\$ 810	\$ -	\$ -
A. COMMUNICABLE DISEASES	177,519	176,709	810	-	-
0200 MALARIA	177,519	176,709	810	-	-
GRAND TOTAL	177,519	176,709	810	-	-
PER CENT OF TOTAL	100.0	99.5	.5	-	-

PROGRAM BUDGET - DETAIL 1970	TOTAL	ADVISORY SERVICES	DEVELOPMENT OF HUMAN RESOURCES	RESEARCH	INDIRECT PROGRAM COSTS
I. PROTECTION OF HEALTH	-	-	-	-	-
A. COMMUNICABLE DISEASES	-	-	-	-	-
0200 MALARIA	-	-	-	-	-
GRAND TOTAL	-	-	-	-	-
PER CENT OF TOTAL	-	-	-	-	-

PROGRAM BUDGET - DETAIL 1971	TOTAL	ADVISORY SERVICES	DEVELOPMENT OF HUMAN RESOURCES	RESEARCH	INDIRECT PROGRAM COSTS
	\$	\$	\$	\$	\$
GRAND TOTAL	-	-	-	-	-
PER CENT OF TOTAL	-	-	-	-	-

PROGRAM BUDGET - DETAIL 1972	TOTAL	ADVISORY SERVICES	DEVELOPMENT OF HUMAN RESOURCES	RESEARCH	INDIRECT PROGRAM COSTS
	\$	\$	\$	\$	\$
GRAND TOTAL	-	-	-	-	-
PER CENT OF TOTAL	-	-	-	-	-

## ANNEX 5 . . . CONTINUED

PROGRAM BUDGET - DETAIL BY FUND  
WHO TECHNICAL ASSISTANCE

		1969				
PROGRAM BUDGET - DETAIL 1969		TOTAL	ADVISORY SERVICES	DEVELOPMENT OF HUMAN RESOURCES	RESEARCH	INDIRECT PROGRAM COSTS
		\$	\$	\$	\$	\$
I.	PROTECTION OF HEALTH	412,417	400,461	11,956	-	-
A.	COMMUNICABLE DISEASES	37,692	37,692	-	-	-
	0100 GENERAL	5,352	5,352	-	-	-
	0200 MALARIA	29,293	29,293	-	-	-
	0400 TUBERCULOSIS	3,047	3,047	-	-	-
B.	ENVIRONMENTAL HEALTH	374,725	362,769	11,956	-	-
	2100 GENERAL	130,429	127,180	3,249	-	-
	2200 WATER SUPPLIES	159,743	151,036	8,707	-	-
	2300 AEDES AEGYPTI ERADICATION	84,553	84,553	-	-	-
II.	PROMOTION OF HEALTH	498,916	469,237	29,679	-	-
A.	GENERAL SERVICES	351,171	329,751	21,420	-	-
	3100 GENERAL PUBLIC HEALTH	183,370	167,403	15,967	-	-
	3200 NURSING	57,613	55,373	2,240	-	-
	3300 LABORATORY	70,015	66,802	3,213	-	-
	3400 HEALTH EDUCATION	23,920	23,920	-	-	-
	3500 STATISTICS	2,813	2,813	-	-	-
	3600 ADMINISTRATIVE METHODS	-	-	-	-	-
	3700 HEALTH PLANNING	13,440	13,440	-	-	-
B.	SPECIFIC PROGRAMS	147,745	139,486	8,259	-	-
	4100 MATERNAL AND CHILD HEALTH	12,622	12,622	-	-	-
	4200 NUTRITION	1,629	480	1,149	-	-
	4300 MENTAL HEALTH	37,597	37,597	-	-	-
	4800 MEDICAL CARE	59,834	57,607	2,227	-	-
	5000 REHABILITATION	36,068	31,185	4,883	-	-
III.	DEVELOPMENT OF EDUCATIONAL INSTITUTIONS	15,000	15,000	-	-	-
	6300 NURSING	-	-	-	-	-
	6700 BIOSTATISTICS	15,000	15,000	-	-	-
GRAND TOTAL		926,333	884,698	41,635	-	-
PER CENT OF TOTAL		100.0	95.5	4.5	-	-

ANNEX 5 . . . CONTINUED  
PROGRAM BUDGET - DETAIL BY FUND  
WHO TECHNICAL ASSISTANCE

PROGRAM BUDGET - DETAIL 1970		1970				
		TOTAL	ADVISORY SERVICES	DEVELOPMENT OF HUMAN RESOURCES	RESEARCH	INDIRECT PROGRAM COSTS
		\$	\$	\$	\$	\$
I.	PROTECTION OF HEALTH	675,300	624,300	51,000	-	-
A.	COMMUNICABLE DISEASES	168,000	168,000	-	-	-
	0100 GENERAL	48,000	48,000	-	-	-
	0200 MALARIA	96,000	96,000	-	-	-
	0400 TUBERCULOSIS	24,000	24,000	-	-	-
B.	ENVIRONMENTAL HEALTH	507,300	456,300	51,000	-	-
	2100 GENERAL	164,550	151,350	13,200	-	-
	2200 WATER SUPPLIES	214,250	176,450	37,800	-	-
	2300 AEDES AEGYPTI ERADICATION	128,500	128,500	-	-	-
II.	PROMOTION OF HEALTH	928,647	750,925	177,722	-	-
A.	GENERAL SERVICES	578,550	467,650	110,900	-	-
	3100 GENERAL PUBLIC HEALTH	233,100	150,000	83,100	-	-
	3200 NURSING	90,050	83,650	6,400	-	-
	3300 LABORATORY	101,000	86,000	15,000	-	-
	3400 HEALTH EDUCATION	39,500	39,500	-	-	-
	3500 STATISTICS	54,900	48,500	6,400	-	-
	3600 ADMINISTRATIVE METHODS	12,000	12,000	-	-	-
	3700 HEALTH PLANNING	48,000	48,000	-	-	-
B.	SPECIFIC PROGRAMS	350,097	283,275	66,822	-	-
	4100 MATERNAL AND CHILD HEALTH	45,700	41,100	4,600	-	-
	4200 NUTRITION	24,725	18,925	5,800	-	-
	4300 MENTAL HEALTH	55,400	48,000	7,400	-	-
	4800 MEDICAL CARE	156,772	124,750	32,022	-	-
	5000 REHABILITATION	67,500	50,500	17,000	-	-
III.	DEVELOPMENT OF EDUCATIONAL INSTITUTIONS	57,400	31,800	25,600	-	-
	6300 NURSING	6,400	-	6,400	-	-
	6700 BIOSTATISTICS	51,000	31,800	19,200	-	-
GRAND TOTAL		1,661,347	1,407,025	254,322	-	-
PER CENT OF TOTAL		100.0	84.7	15.3	-	-

ANNEX 5 . . . CONTINUED  
PROGRAM BUDGET - DETAIL BY FUND  
WHO TECHNICAL ASSISTANCE

PROGRAM BUDGET - DETAIL 1971		1971				
		TOTAL	ADVISORY SERVICES	DEVELOPMENT OF HUMAN RESOURCES	RESEARCH	INDIRECT PROGRAM COSTS
		\$	\$	\$	\$	\$
I.	PROTECTION OF HEALTH	669,600	620,900	48,700	-	-
A.	COMMUNICABLE DISEASES	152,000	152,000	-	-	-
	0100 GENERAL	48,000	48,000	-	-	-
	0200 MALARIA	96,000	96,000	-	-	-
	0400 TUBERCULOSIS	8,000	8,000	-	-	-
B.	ENVIRONMENTAL HEALTH	517,600	468,900	48,700	-	-
	2100 GENERAL	160,700	151,200	9,500	-	-
	2200 WATER SUPPLIES	228,400	189,200	39,200	-	-
	2300 AENES AEGYPTI ERADICATION	128,500	128,500	-	-	-
II.	PROMOTION OF HEALTH	1,186,725	918,925	267,800	-	-
A.	GENERAL SERVICES	720,750	581,950	138,800	-	-
	3100 GENERAL PUBLIC HEALTH	256,800	197,000	59,800	-	-
	3200 NURSING	88,050	81,650	6,400	-	-
	3300 LABORATORY	77,000	62,000	15,000	-	-
	3400 HEALTH EDUCATION	26,000	26,000	-	-	-
	3500 STATISTICS	54,900	48,500	6,400	-	-
	3600 ADMINISTRATIVE METHODS	185,800	136,800	49,000	-	-
	3700 HEALTH PLANNING	32,200	30,000	2,200	-	-
B.	SPECIFIC PROGRAMS	465,975	336,975	129,000	-	-
	4100 MATERNAL AND CHILD HEALTH	61,700	57,100	4,600	-	-
	4200 NUTRITION	48,725	42,925	5,800	-	-
	4300 MENTAL HEALTH	88,500	72,000	16,500	-	-
	4800 MEDICAL CARE	226,050	137,750	88,300	-	-
	5000 REHABILITATION	41,000	27,200	13,800	-	-
III.	DEVELOPMENT OF EDUCATIONAL INSTITUTIONS	245,600	114,400	131,200	-	-
	6200 MEDICINE	188,200	82,600	105,600	-	-
	6300 NURSING	6,400	-	6,400	-	-
	6700 BIOSTATISTICS	51,000	31,800	19,200	-	-
GRAND TOTAL		2,101,925	1,654,225	447,700	-	-
PER CENT OF TOTAL		100.0	78.7	21.3	-	-

ANNEX 5 . . . CONTINUED  
 PROGRAM BUDGET - DETAIL BY FUND  
 WHO TECHNICAL ASSISTANCE

PROGRAM BUDGET - DETAIL 1972		1972			
	TOTAL	ADVISORY SERVICES	DEVELOPMENT OF HUMAN RESOURCES	RESEARCH	INDIRECT PROGRAM COSTS
	\$	\$	\$	\$	\$
I. PROTECTION OF HEALTH	616,100	567,400	48,700	-	-
A. COMMUNICABLE DISEASES	96,000	96,000	-	-	-
0100 GENERAL	48,000	48,000	-	-	-
0200 MALARIA	48,000	48,000	-	-	-
0400 TUBERCULOSIS	-	-	-	-	-
B. ENVIRONMENTAL HEALTH	520,100	471,400	48,700	-	-
2100 GENERAL	163,200	153,700	9,500	-	-
2200 WATER SUPPLIES	228,400	189,200	39,200	-	-
2300 AEOFS AEGYPTI ERADICATION	128,500	128,500	-	-	-
II. PROMOTION OF HEALTH	1,150,125	896,925	253,200	-	-
A. GENERAL SERVICES	714,150	577,550	136,600	-	-
3100 GENERAL PUBLIC HEALTH	266,800	207,000	59,800	-	-
3200 NURSING	91,650	85,250	6,400	-	-
3300 LABORATORY	77,000	62,000	15,000	-	-
3400 HEALTH EDUCATION	26,000	26,000	-	-	-
3500 STATISTICS	54,900	48,500	6,400	-	-
3600 ADMINISTRATIVE METHODS	173,800	124,800	49,000	-	-
3700 HEALTH PLANNING	24,000	24,000	-	-	-
B. SPECIFIC PROGRAMS	435,975	319,375	116,600	-	-
4100 MATERNAL AND CHILD HEALTH	64,100	59,500	4,600	-	-
4200 NUTRITION	48,725	42,925	5,800	-	-
4300 MENTAL HEALTH	80,200	60,000	20,200	-	-
4800 MEDICAL CARE	217,950	135,750	82,200	-	-
5000 REHABILITATION	25,000	21,200	3,800	-	-
III. DEVELOPMENT OF EDUCATIONAL INSTITUTIONS	245,600	114,400	131,200	-	-
6200 MEDICINE	188,200	82,600	105,600	-	-
6300 NURSING	6,400	-	6,400	-	-
6700 BIOSTATISTICS	51,000	31,800	19,200	-	-
GRAND TOTAL	2,011,825	1,578,725	433,100	-	-
PER CENT OF TOTAL	100.0	78.5	21.5	-	-



ANNEX 5 . . . CONTINUED  
PROGRAM BUDGET - DETAIL BY FUND  
UNITED NATIONS SPECIAL FUND

1969 AND 1970

PROGRAM BUDGET - DETAIL 1969	TOTAL	ADVISORY SERVICES	DEVELOPMENT OF HUMAN RESOURCES	RESEARCH	INDIRECT PROGRAM COSTS
I. PROTECTION OF HEALTH	323,200	323,200	-	-	-
A. COMMUNICABLE DISEASES	303,444	303,444	-	-	-
0700 ZOOZOSES	303,444	303,444	-	-	-
B. ENVIRONMENTAL HEALTH	19,756	19,756	-	-	-
2100 GENERAL	-	-	-	-	-
2200 WATER SUPPLIES	19,756	19,756	-	-	-
II. PROMOTION OF HEALTH	167,916	40,483	123,381	4,052	-
A. GENERAL SERVICES	152,946	31,765	117,129	4,052	-
3300 LABORATORY	-	-	-	-	-
3700 HEALTH PLANNING	152,946	31,765	117,129	4,052	-
B. SPECIFIC PROGRAMS	14,970	8,718	6,252	-	-
4600 OCCUPATIONAL HEALTH	6,252	-	6,252	-	-
4800 MEDICAL CARE	8,718	8,718	-	-	-
III. DEVELOPMENT OF EDUCATIONAL INSTITUTIONS	181,981	180,795	1,186	-	-
6400 ENVIRONMENTAL SCIENCES	181,981	180,795	1,186	-	-
GRAND TOTAL	673,097	544,478	124,567	4,052	-
PER CENT OF TOTAL	100.0	80.9	18.5	.6	-

  

PROGRAM BUDGET - DETAIL 1970	TOTAL	ADVISORY SERVICES	DEVELOPMENT OF HUMAN RESOURCES	RESEARCH	INDIRECT PROGRAM COSTS
I. PROTECTION OF HEALTH	631,001	611,201	19,800	-	-
A. COMMUNICABLE DISEASES	274,500	259,500	15,000	-	-
0700 ZOOZOSES	274,500	259,500	15,000	-	-
B. ENVIRONMENTAL HEALTH	356,501	351,701	4,800	-	-
2100 GENERAL	1,800	-	1,800	-	-
2200 WATER SUPPLIES	354,701	351,701	3,000	-	-
II. PROMOTION OF HEALTH	789,184	394,397	269,187	125,600	-
A. GENERAL SERVICES	594,668	218,281	250,787	125,600	-
3300 LABORATORY	134,850	134,850	-	-	-
3700 HEALTH PLANNING	459,818	83,431	250,787	125,600	-
B. SPECIFIC PROGRAMS	194,516	176,116	18,400	-	-
4600 OCCUPATIONAL HEALTH	-	-	-	-	-
4800 MEDICAL CARE	194,516	176,116	18,400	-	-
III. DEVELOPMENT OF EDUCATIONAL INSTITUTIONS	211,792	165,585	46,207	-	-
6400 ENVIRONMENTAL SCIENCES	211,792	165,585	46,207	-	-
GRAND TOTAL	1,631,977	1,171,183	335,194	125,600	-
PER CENT OF TOTAL	100.0	71.8	20.5	7.7	-

ANNEX 5 . . . CONTINUED  
PROGRAM BUDGET - DETAIL BY FUND  
UNITED NATIONS SPECIAL FUND

1971 AND 1972

PROGRAM BUDGET - DETAIL 1971	TOTAL	ADVISORY SERVICES	DEVELOPMENT OF HUMAN RESOURCES	RESEARCH	INDIRECT PROGRAM COSTS
	\$	\$	\$	\$	\$
I. PROTECTION OF HEALTH	315,256	305,656	9,600	-	-
A. COMMUNICABLE DISEASES	188,056	188,056	-	-	-
0700 ZOOZOSES	188,056	188,056	-	-	-
B. ENVIRONMENTAL HEALTH	127,200	117,600	9,600	-	-
2100 GENERAL	5,000	-	5,000	-	-
2200 WATER SUPPLIES	122,200	117,600	4,600	-	-
II. PROMOTION OF HEALTH	925,616	615,466	205,550	104,600	-
A. GENERAL SERVICES	806,950	515,200	187,150	104,600	-
3300 LABORATORY	450,500	439,300	11,200	-	-
3700 HEALTH PLANNING	356,450	75,900	175,950	104,600	-
B. SPECIFIC PROGRAMS	118,666	100,266	18,400	-	-
4800 MEDICAL CARE	118,666	100,266	18,400	-	-
III. DEVELOPMENT OF EDUCATIONAL INSTITUTIONS	214,066	197,608	16,458	-	-
6400 ENVIRONMENTAL SCIENCES	214,066	197,608	16,458	-	-
GRAND TOTAL	1,454,938	1,118,730	231,608	104,600	-
PER CENT OF TOTAL	100.0	76.9	15.9	7.2	-

PROGRAM BUDGET - DETAIL 1972	TOTAL	ADVISORY SERVICES	DEVELOPMENT OF HUMAN RESOURCES	RESEARCH	INDIRECT PROGRAM COSTS
	\$	\$	\$	\$	\$
I. PROTECTION OF HEALTH	88,843	86,643	2,200	-	-
A. COMMUNICABLE DISEASES	-	-	-	-	-
0700 ZOOZOSES	-	-	-	-	-
B. ENVIRONMENTAL HEALTH	88,843	86,643	2,200	-	-
2100 GENERAL	-	-	-	-	-
2200 WATER SUPPLIES	88,843	86,643	2,200	-	-
II. PROMOTION OF HEALTH	516,050	241,000	176,750	98,300	-
A. GENERAL SERVICES	516,050	241,000	176,750	98,300	-
3300 LABORATORY	180,500	169,300	11,200	-	-
3700 HEALTH PLANNING	335,550	71,700	165,550	98,300	-
B. SPECIFIC PROGRAMS	-	-	-	-	-
4800 MEDICAL CARE	-	-	-	-	-
III. DEVELOPMENT OF EDUCATIONAL INSTITUTIONS	147,552	136,052	11,500	-	-
6400 ENVIRONMENTAL SCIENCES	147,552	136,052	11,500	-	-
GRAND TOTAL	752,445	463,695	190,450	98,300	-
PER CENT OF TOTAL	100.0	61.6	25.3	13.1	-

ANNEX 5 : . . CONTINUED  
PROGRAM BUDGET - DETAIL BY FUND  
WHO GRANTS AND OTHER

1969 AND 1970					
PROGRAM BUDGET - DETAIL 1969	TOTAL	ADVISORY SERVICES	DEVELOPMENT OF HUMAN RESOURCES	RESEARCH	INDIRECT PROGRAM COSTS
	\$	\$	\$	\$	\$
I. PROTECTION OF HEALTH	72,175	72,175	-	-	-
A. COMMUNICABLE DISEASES	32,922	32,922	-	-	-
0700 ZOOZOSES	32,922	32,922	-	-	-
B. ENVIRONMENTAL HEALTH	39,253	39,253	-	-	-
2100 GENERAL	22,183	22,183	-	-	-
2200 WATER SUPPLIES	17,070	17,070	-	-	-
II. PROMOTION OF HEALTH	25,271	25,271	-	-	-
B. SPECIFIC PROGRAMS	25,271	25,271	-	-	-
4600 OCCUPATIONAL HEALTH	25,271	25,271	-	-	-
III. DEVELOPMENT OF EDUCATIONAL INSTITUTIONS	41,812	41,812	-	-	-
6400 ENVIRONMENTAL SCIENCES	41,812	41,812	-	-	-
V. ADMINISTRATIVE DIRECTION	3,600	-	-	-	3,600
8300 GENERAL EXPENSES	3,600	-	-	-	3,600
GRAND TOTAL	142,858	139,258	-	-	3,600
PER CENT OF TOTAL	100.0	97.5	-	-	2.5

1970					
PROGRAM BUDGET - DETAIL 1970	TOTAL	ADVISORY SERVICES	DEVELOPMENT OF HUMAN RESOURCES	RESEARCH	INDIRECT PROGRAM COSTS
	\$	\$	\$	\$	\$
I. PROTECTION OF HEALTH	71,146	71,146	-	-	-
A. COMMUNICABLE DISEASES	30,353	30,353	-	-	-
0700 ZOOZOSES	30,353	30,353	-	-	-
B. ENVIRONMENTAL HEALTH	40,793	40,793	-	-	-
2100 GENERAL	24,315	24,315	-	-	-
2200 WATER SUPPLIES	16,478	16,478	-	-	-
II. PROMOTION OF HEALTH	30,620	30,620	-	-	-
B. SPECIFIC PROGRAMS	30,620	30,620	-	-	-
4600 OCCUPATIONAL HEALTH	30,620	30,620	-	-	-
III. DEVELOPMENT OF EDUCATIONAL INSTITUTIONS	11,269	11,269	-	-	-
6400 ENVIRONMENTAL SCIENCES	11,269	11,269	-	-	-
V. ADMINISTRATIVE DIRECTION	3,600	-	-	-	3,600
8300 GENERAL EXPENSES	3,600	-	-	-	3,600
GRAND TOTAL	116,635	113,035	-	-	3,600
PER CENT OF TOTAL	100.0	96.9	-	-	3.1

ANNEX 5 . . . CONTINUED  
 PROGRAM BUDGET - DETAIL BY FUND  
 WHO GRANTS AND OTHER

1971 AND 1972

PROGRAM BUDGET - DETAIL 1971	TOTAL	ADVISORY SERVICES	DEVELOPMENT OF HUMAN RESOURCES	RESEARCH	INDIRECT PROGRAM COSTS
	\$	\$	\$	\$	\$
I. PROTECTION OF HEALTH	80,402	80,402	-	-	-
A. COMMUNICABLE DISEASES	34,755	34,755	-	-	-
0700 ZONOSSES	34,755	34,755	-	-	-
B. ENVIRONMENTAL HEALTH	45,647	45,647	-	-	-
2100 GENERAL	28,112	28,112	-	-	-
2200 WATER SUPPLIES	17,535	17,535	-	-	-
II. PROMOTION OF HEALTH	11,000	11,000	-	-	-
B. SPECIFIC PROGRAMS	11,000	11,000	-	-	-
4600 OCCUPATIONAL HEALTH	11,000	11,000	-	-	-
III. DEVELOPMENT OF EDUCATIONAL INSTITUTIONS	8,352	8,352	-	-	-
6400 ENVIRONMENTAL SCIENCES	8,352	8,352	-	-	-
V. ADMINISTRATIVE DIRECTION	3,600	-	-	-	3,600
8300 GENERAL EXPENSES	3,600	-	-	-	3,600
GRAND TOTAL	103,354	99,754	-	-	3,600
PER CENT OF TOTAL	100.0	96.5	-	-	3.5

PROGRAM BUDGET - DETAIL 1972	TOTAL	ADVISORY SERVICES	DEVELOPMENT OF HUMAN RESOURCES	RESEARCH	INDIRECT PROGRAM COSTS
	\$	\$	\$	\$	\$
I. PROTECTION OF HEALTH	85,454	85,454	-	-	-
A. COMMUNICABLE DISEASES	37,252	37,252	-	-	-
0700 ZONOSSES	37,252	37,252	-	-	-
B. ENVIRONMENTAL HEALTH	48,202	48,202	-	-	-
2100 GENERAL	29,788	29,788	-	-	-
2200 WATER SUPPLIES	18,414	18,414	-	-	-
II. PROMOTION OF HEALTH	-	-	-	-	-
B. SPECIFIC PROGRAMS	-	-	-	-	-
4600 OCCUPATIONAL HEALTH	-	-	-	-	-
III. DEVELOPMENT OF EDUCATIONAL INSTITUTIONS	8,772	8,772	-	-	-
6400 ENVIRONMENTAL SCIENCES	8,772	8,772	-	-	-
V. ADMINISTRATIVE DIRECTION	3,600	-	-	-	3,600
8300 GENERAL EXPENSES	3,600	-	-	-	3,600
GRAND TOTAL	97,826	94,226	-	-	3,600
PER CENT OF TOTAL	100.0	96.3	-	-	3.7

## ANNEX 6

## BUILDING FUND

	1969	1970	1971	1972
	<u>\$</u>	<u>\$</u>	<u>\$</u>	<u>\$</u>
HEADQUARTERS	6,500	14,210	-	-
LIMA OFFICE <sup>a</sup>	<u>231</u>	<u>-</u>	<u>-</u>	<u>-</u>
	<u>6,731</u>	<u>14,210</u>	<u>-</u>	<u>-</u>
	=====	=====	=====	=====

<sup>a</sup>RESOLUTION IV OF THE 54TH EXECUTIVE COMMITTEE.

Official Document No. 98

Errata

(English Version Only)

Page 119: Venezuela-6401, Sanitary Engineering Research Center

<u>Posts</u>		<u>1969</u>	<u>1970</u>	<u>1971</u>	<u>1972</u>
Delete: Total		-	7	15	14
Add: Total		-	3	7	6
Delete: G-6, Secretary, 4.1022	WS	-	4	8	8
Add:					
Short-term Consultant Months	WS	-	4	8	8

Page 397: AMRO-4203, Institute of Nutrition of Central America and Panama

<u>Posts</u>					
Delete: Total		11	11	11	11
Add: Total		200	187	187	187
Professional	PI	7	20	20	20
Local	PI	96	74	74	74
Professional	PG	15	12	12	12
Local	PG	71	70	70	70
Local Professional (non-add)	PR	(7)	(8)	(8)	(8)

Page 423: Increase to Assets

All 1971 amounts:

Delete:	290,000
Add:	250,000

Note: The foregoing corrections do not affect any country, zone or regional totals as already shown elsewhere in this document.