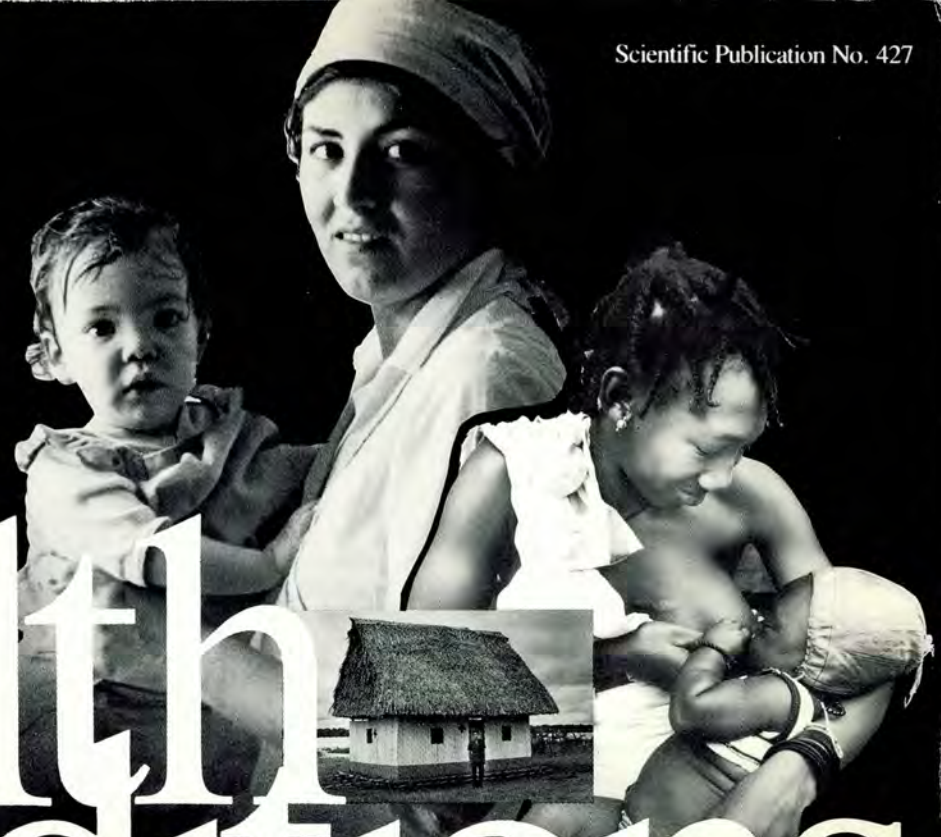


# Health Conditions in the Americas 1977-1980



Pan American Health Organization  
Pan American Sanitary Bureau, Regional Office of the  
World Health Organization

# Health Conditions in the Americas

1977-1980



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# FOREWORD

This report on *Health Conditions in the Americas, 1977–1980* covers the period of transition between the end of the program set forth in the Ten-Year Health Plan for the Americas<sup>1</sup> (1970–1980) and the beginning of the new hemispheric commitment to achieve health for all by the year 2000. As such, this eighth compilation of data on the state of health in the Region depicts in statistical form the progress made by Member Countries of the Pan American Health Organization in controlling disease and extending life expectancy. Starting with this premise, the Directing Council of PAHO launched a Plan of Action to implement the Regional Strategies of health for all by the year 2000.<sup>2</sup>

The challenge of achieving the goal of health for all will require the unflinching commitment of governments, the allocation of required resources, and the reform and restructuring of health systems in order to obtain maximum equity, efficiency, and effectiveness. An essential and innovative objective of the Plan of Action and of the Regional Strategies is a new recognition of the importance of intersectoral development and of full community participation. However, the planning, implementation, and evaluation of the actions taken in each of these important areas will depend on the adequacy of information available to decision-makers. Statistics have been called the integers of social and political arithmetic. They provide quantitative information on conditions in the countries which permits more effective management of public affairs. In the health field and in the integration of health into the process of economic development, it is important, now more than ever, to have available accurate and current statistics.

The data presented in this series of reports serves multiple users. It makes available to governments a comparative analytic tool for the evaluation of their own health situations and health systems; it serves the PAHO Governing Bodies by providing a basis for the establishment of goals and objectives and as background for setting priorities for technical cooperation activities; and it enables other international organizations to gather information on health together with economics, employment, agricultural production, education, and other data necessary for producing a full picture of social and economic development within the Region. In addition, it offers students, scholars, and researchers an invaluable compilation of information on the health situation of the peoples of the Americas.

This report has been designed with reference to both the Ten-Year Health Plan and the new directions of the Plan of Action, and thus incorporates a separate section on the high-risk populations defined by the Plan, including children and youth, women, and the elderly. The comparative approach used in the analyses, figures, and narrative focuses on the evaluation of the progress achieved during the period of the Ten-Year Health Plan and on the establishment of a benchmark for the future assessment of the impact of the Plan of Action.

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<sup>1</sup>PAHO Official Document 118 (1973).

<sup>2</sup>See *Health for All by the Year 2000—Plan of Action for the Implementation of Regional Strategies*. PAHO Official Document 179 (1982).



Gratitude is expressed to the Member Governments for their valuable contribution of the statistical substance to this publication. It is hoped that the contents will serve them well in carrying out their crucial responsibilities of fulfilling the goal of health for all by the year 2000.

Héctor R. Acuña  
Director

# INTRODUCTION

The quadrennial report on *Health Conditions in the Americas, 1977-1980* has been prepared for presentation to the XXI Pan American Sanitary Conference. It represents a continuation of a series of statistical inquiries into the condition of health in the countries of the Region initiated by the Pan American Sanitary Conference in 1954. The reports serve as a basis for the planning, development, and implementation of health services activities and as a crucial component of decision-making for the Organization in fulfilling its role of providing technical cooperation to Member Governments.

This edition has been designed as a critical guideline in the elaboration of a statistical framework for the development and evaluation of the Plan of Action for the implementation of Regional Strategies. The new format includes traditional data on population, vital statistics, communicable diseases, health services, health manpower, hospitals, and the environment. However, the topical areas for organizing the data have been chosen to permit an evaluation of the progress made in achieving the goals of the Ten-Year Health Plan and to prepare the statistical basis for the monitoring and evaluation of the implementation of the Plan of Action. Major new sections include: (1) demographic and socioeconomic background which served as a basis for the definition of the Regional Strategies; (2) health status measures of the total population; (3) health status measures of special high-risk population groups as defined by the Strategies and the Plan of Action; (4) health resources; (5) health services utilization; (6) development of the health infrastructure; and (7) environmental health.

The past decade has witnessed improvements in the quality and quantity of health information. Registration of vital events, reports of communicable diseases, development of human resources, and health facility data have shown some improvement. Nevertheless, existing information systems still require modernization and expansion to provide additional geographic and socioeconomic detail and to improve the accuracy, coverage, and timeliness of the data. These changes are vital if governments are to be able to make the decisions necessary to implement the Plan of Action and to monitor and evaluate the results and their impact.

The main source of the data presented in this quadrennial report series has been the replies to the joint PAHO/WHO questionnaires transmitted to the countries each year. These questionnaires request data on mortality and morbidity from communicable and notifiable diseases, vaccinations, hospitals and other health entities, and human resources in the health sector. Additional sources of data include, but are not limited to, official government publications, scientific papers, and reports from the United Nations, WHO, and other U.N. specialized agencies.



# DEMOGRAPHIC AND SOCIOECONOMIC BACKGROUND

## INTRODUCTION

Analysis of demographic characteristics plays an important role in determining the present and future health status of a population. The magnitude and socioeconomic distribution of a population, its age and sex composition, rate of increase, and distribution by urban and rural localities are all important demographic factors related to the health conditions and needs of a country.

The health status of a population is directly related to the economic and social levels attained by that population. A country with a relatively high national income is likely to have a lower infant mortality rate than one with a developing economy. Income, education, and nutrition must all reach a necessary threshold before an acceptable level of health is obtained; this unidirectional model ultimately reduces mortality and morbidity from infectious and parasitic diseases and other causes (particularly among children under 5 years of age), prolongs life, and contributes to increased economic productivity.

These demographic factors of income, education, nutrition, and age are also considered significant indicators of the quality of a person's life. Quality of life within a country also affects the population's attitude. If individuals are not able to find opportunities to improve themselves economically in rural areas they migrate in substantial numbers to large metropolitan cities. If a universal general education is not a perceived national objective, high rates of urban population growth are likely to occur because of increases in fertility.

In order to achieve the Organization's goal of health for all by the year 2000, demographic and socioeconomic trends must be monitored since they are the major determinants of accomplishments in this respect. At present there are over 600 million persons living in the Region of the Americas, about

40 per cent in Northern America and 60 per cent in Latin America. By the year 2000 the latter population is expected to increase by 65 per cent to over 600 million. This will result in an average annual growth rate of 2.5 per cent. However, late projections released in time for inclusion here indicate a possible decrease in the growth rate during the 1980-2000 period to 2.2 per cent. The result would be a reduction in the proportion of the population under 15 years of age and a consequent increase in growth of the labor force. Such growth increase will require greater commercial investment and higher levels of industrial consumption in order to maintain productivity and employment at present or higher levels. This possibility emphasizes the need for acceleration in developing strategies to enhance the potential for economic growth as a prerequisite to any desired improvements in health conditions and quality of life. Programs capitalizing on greater knowledge of socioeconomic dynamics in the Region will require more timely and accurate demographic data and analyses. The frequency of these assessments and the quality of the information available will ultimately determine the outcome of efforts to measure progress toward PAHO's goals. Now, more than ever, statistics are the tools by which the Organization will ensure that health for all by the year 2000 ceases to be a slogan and becomes a measurable reality.

The major sources of data for this chapter are publications of the United Nations and its specialized agencies as well as those of other international organizations. As with any type of estimate and projection, all data are subject to error. Incorrect assumptions may be made when calculating projections, certain indices may not refer to an entire country, and differences in definitions may vary within and between countries.

Demographic data required for assessments and projections are normally obtained for most countries from census results at 10-year intervals. Since 1975,

about two-thirds (31 of 48) countries<sup>1</sup> of the Americas have carried out censuses. Of the 31, a total of 21, or over 67 per cent, submitted results to the U.N. A list of these countries with their most recent censuses is shown in Annex Table I-1. It should be kept in mind, however, that not all recent census data have been tabulated or published; therefore, population estimates will be subject to revision as new information becomes available.

The countries of the Region<sup>2</sup> present unique problems to the overall plan of achieving health for all by the year 2000 because of their great variations in climate, geography, socioeconomic conditions, and culture. In this demographic analysis, countries of the Region of the Americas have been dichotomized into two broad regions: Northern and Latin America. Northern America consists of Canada, United

States, Bermuda, and St. Pierre and Miquelon. Latin America is categorized by subregions based on the United Nations classification:

(1) The Caribbean—Antigua, Bahamas, Cayman Islands, Cuba, Dominica, Dominican Republic, Grenada, Guadeloupe, Haiti, Jamaica, Martinique, Montserrat, Netherlands Antilles, Puerto Rico, St. Kitts-Nevis-Anguilla, Saint Lucia, St. Vincent, Trinidad and Tobago, Turks and Caicos Islands, the Virgin Islands (UK), and the Virgin Islands (US);

(2) Continental Middle America—Belize, Costa Rica, El Salvador, Guatemala, Honduras, Mexico, Nicaragua, and Panama;

(3) Tropical South America—Bolivia, Brazil, Colombia, Ecuador, French Guiana, Guyana, Paraguay, Peru, Suriname, and Venezuela; and

(4) Temperate South America—Argentina, Chile, Uruguay, and the Falkland Islands.

<sup>1</sup>Hereinafter in this publication the term "countries" may include other political units.

<sup>2</sup>In this publication, the term *Region of the Americas* includes all countries in Northern and Latin America. The word *region* (lower case) refers to either Northern or Latin America. The Caribbean is always understood as a subregion of Latin America and is not mentioned independently of it. *Middle America* denotes Continental Middle America and the Caribbean. *South America* refers to the Tropical and Temperate subregions of Latin America only.

## POPULATION GROWTH

During the past three decades, the Region of the Americas experienced a considerable variation in

Figure 1. Estimated and projected population in the Americas, 1950–2000.

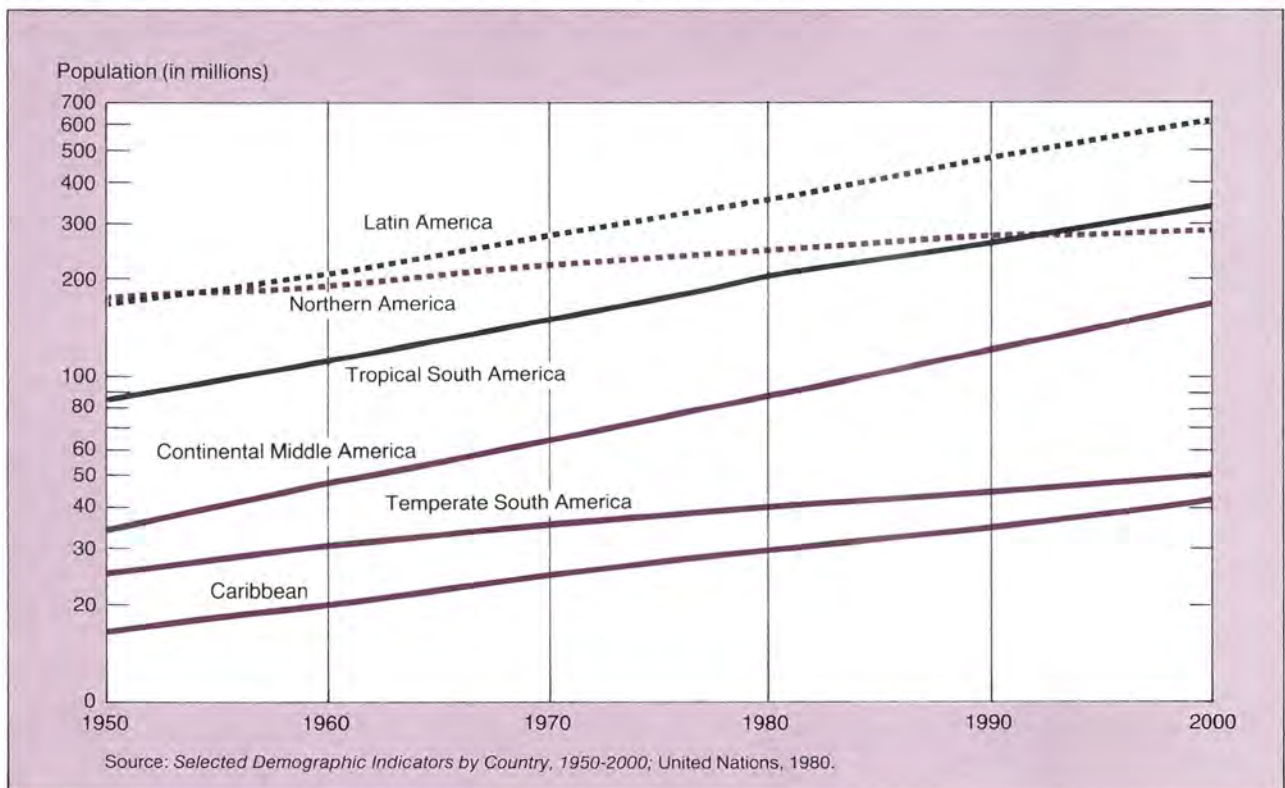


Table 1. Total population and annual rates of growth in the Americas, by subregion, 1950-2000.

Subregion	Total population (in millions)						Annual rate of growth					
	1950	1960	1970	1980	1990	2000	1950-1955	1960-1965	1970-1975	1980-1985	1990-1995	1995-2000
Northern America	166	199	226	246	270	290	1.80	1.49	0.86	0.96	0.76	0.61
Latin America	164	215	283	368	478	608	2.72	2.77	2.64	2.65	2.46	2.34
Caribbean	17	20	25	31	37	43	1.82	2.27	2.07	1.78	1.71	1.61
Continental Middle America	36	49	67	93	128	172	3.00	3.25	3.19	3.26	3.04	2.91
Temperate South America	25	31	36	41	46	51	1.94	1.66	1.34	1.27	1.04	0.93
Tropical South America	86	115	154	204	267	341	3.00	2.94	2.78	2.76	2.52	2.37

Source: Selected Demographic Indicators by Country, 1950-2000, United Nations, 1980.

rates of population increase. The estimated and projected population from 1950-2000 is shown in Figure 1. For the period 1950-1955 the average annual rate of population growth for Northern America was 1.8, compared with 2.7 for Latin America (Table 1). By 1960-1965 it was 1.5 and 2.8 and projections indicate a decrease during 1980-1985 to 1.0 and 2.7, respectively.

If present trends continue, it is anticipated that by the year 2000 the overall annual rate of population increase will reach a low of 2.3 in Latin America. By subregion, Temperate South America will have the lowest rate of increase (0.9), and Continental Middle America the highest (2.9). It should be kept in mind that since demographic projections involve several assumptions about uncertain future trends of fertility and mortality, estimates are subject to plausible variation and therefore future re-assessment. However, the latest estimates of midyear populations given in Table 1 indicate that in 1950 both Latin America and Northern America contained equal shares of the total population of the Western Hemisphere, while by the year 2000 it is projected that Latin America's proportion will increase to 68 per cent and that Northern America's will fall to 32 per cent.

These data emphasize the already recognized need to look at demographics on a frequent basis to ensure that monitoring of progress toward health for all is not faulted by artifacts in population dynamics.

### Urban-rural Distribution

The analysis of a population in terms of its distribution in urban and rural localities in the Region has always been beset by data and definition problems. Whereas vital statistics and total population criteria are fairly obvious, estimates of urban and rural population are drawn mainly from the results of 10-year censuses. Urban and rural population data are essential to the planning and implementation of programs to extend primary health care within a country—the main thrust of the regional strategies for health for all by the year 2000.

In 1950 a total of 41 per cent of the population in Latin America was living in urban areas (Table 2). By 1980 this proportion reached 65 per cent and toward the end of the century it is expected that over three-fourths of the population of Latin America will live in urban localities as defined by the U.N. During the 1950-2000 period, the urban population in Northern America is projected to increase from 64 to 81 per cent.

In terms of real numbers, the urban population will reach 456 million in Latin America by the year 2000—an increase of 577 per cent over 1950. In the subregions, the urban population for the Caribbean will be augmented by 374 per cent, Continental Middle America by 773 per cent, Temperate South America by 173 per cent, and Tropical South America by



**Table 2. Percentage distribution of urban population in the Americas, by subregion, 1950-2000.**

Subregion	1950	1960	1970	1980	1990	2000
Northern America	63.8	67.1	70.5	73.6	77.2	80.7
Latin America	41.2	49.4	57.3	64.7	70.6	75.1
Caribbean	33.6	38.1	44.6	51.2	57.2	62.3
Continental Middle America	39.8	46.7	53.8	60.7	66.9	72.2
Temperate South America	64.8	72.7	77.9	82.2	85.4	87.8
Tropical South America	36.3	46.4	56.2	65.0	71.6	76.2

Source: Selected Demographic Indicators by Country, 1950-2000, United Nations, 1980.

738 per cent. Northern America, which had approximately the same proportion of its population living in urban areas in 1950 as did Temperate South America, is projected to have a 121 per cent increase by the end of the century.

### Age and Sex Structure

Health problems within a country are directly related to the distribution of its population by age. A country or region with a relatively young population

is more likely to suffer from infectious and parasitic diseases, influenza, pneumonia, and accidents, while one with an older population will find that chronic degenerative diseases are the major cause of mortality and morbidity.

Table 3 gives the percentage distribution of the population by broad age groups and sex for the Region of the Americas, around 1980. While approximately 4 per cent of males and females were under 5 years of age in Northern America, in Latin America the figure was about 8 per cent. Northern America gives the appearance of a rapidly aging population with only 41 per cent of the population under 25

**Table 3. Percentage distribution of population by age and sex in the Americas, by subregion, 1980.**

Subregion	All ages		Under 5 years		5 - 14 years		15 - 24 years		25 - 44 years		45 - 64 years		65 years and over	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	Northern America	48.8	51.2	3.7	3.5	7.8	7.5	9.5	9.3	13.8	14.1	9.5	10.2	4.5
Latin America	50.0	50.0	7.8	7.6	12.8	12.5	10.0	9.8	11.7	11.7	5.8	6.0	1.9	2.2
Caribbean	50.1	49.9	6.4	6.2	12.7	12.3	10.4	10.2	11.8	12.0	6.3	6.6	2.6	2.7
Continental Middle America	50.3	49.7	9.0	8.7	13.9	13.5	10.2	9.8	10.9	10.8	4.8	5.0	1.6	1.8
Temperate South America	49.7	50.3	5.3	5.1	9.6	9.3	9.0	8.8	13.4	13.2	9.0	9.4	3.5	4.4
Tropical South America	50.0	50.0	8.0	7.8	13.0	12.8	10.1	10.0	11.7	11.8	5.6	5.8	1.6	1.8

Source: World Population and Its Age-Sex Composition by Country, 1950-2000: Demographic Estimation and Projection Assessed in 1978, United Nations, 1980.

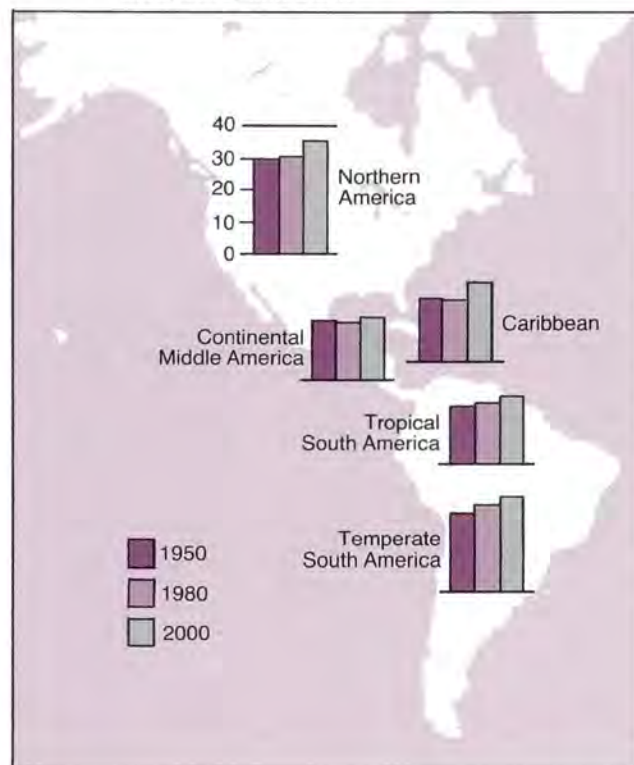
years of age, in contrast to over 60 per cent in Latin America. Totals by sex showed little difference for all age groups with the exception of those 65 years and over where females significantly outnumbered males.

Figure 2 shows the median age by subregion for the Americas for 1950, 1980, and 2000. In 1980 the median age in Latin America ranged from 17.2 years in Continental Middle America to 26.9 years in Temperate South America; overall the median age was 19.3 years. From 1950 to 1980 the median age increased in South America but decreased in Continental Middle America and the Caribbean. By the year 2000 the median age in Latin America is projected to range from 18.9 in Continental Middle America to 29.8 in Temperate South America.

In contrast, the median age in Northern America was 30 in 1950 and 1980 and will reach about 36 by the year 2000—almost twice that of Continental Middle America.

It is estimated that by the year 2000 the proportion of the population under 5 will decline by only 2 per cent in Latin America to about 13.5, while the older age group 65 years and over will increase from 4 to 4.6 per cent. Thus, although the age distribution in the Region is shifting, it is anticipated that Latin America will continue to maintain a relatively young

Figure 2. Median age in the Americas, by subregion, 1950, 1980, and 2000.



population and therefore continue to be at risk as far as traditional health problems are concerned, with some increases in problems related to higher levels of socioeconomic development and youth—accidents, suicide, other forms of violence, alcoholism, drug use and abuse, and occupational illness.

## Migration

The increasing urbanization in Latin America is one of the most visible catalysts to urban poverty and its associated social problems. Urban poverty has long been linked to rural-urban migration. On the average, Latin American countries have displayed a faster movement from rural to urban areas than other developing countries of the world. However, most urban population growth in Latin America can be attributed to natural increase—the excess of births over deaths.

Migration within the Region is hardly limited to intracountry movement. International migration has historically been triggered by the desire to seek improvement in the quality of life. Although information is not available for various countries, the Latin American Demographic Center's (CELADE) Research on International Migration in Latin America program has been able to compile data on Latin Americans residing in countries other than those of birth (Tables 4–6).

Mexico was the most common country of residence for migrant Northern Americans. A total of 20 per cent of Canadian and U.S. migrants to the rest of the Region lived there around 1970 and during this same period all the countries in Continental Middle America had a majority or a plurality of migrants residing in the United States. The same trend was noticed for the Caribbean countries.

As for South America, a study of the situation shows a variation in this pattern. While Argentina, Peru, and Venezuela had a plurality of 30 per cent or more migrants residing in the United States, only Ecuador had a majority of 63 per cent. Bolivia, Chile, Paraguay, and Uruguay had 70 per cent or more migrants living in Argentina around 1970. Brazil had 34 per cent of its migrants in Argentina, while 24 per cent were residing in Paraguay. A total of 65 per cent of the migrants born in Colombia were living in Venezuela.

These results indicate the tendency for the migrating population in Continental Middle America and the Caribbean to move toward Northern America and for those in South America to seek improvement in the quality of life by choosing to reside in nearby countries with apparent prospering economies.

Table 4. Population born in the Caribbean and enumerated in countries of the Americas other than country of birth.

Country of residence	Census year	Country of birth					
		Barbados	Cuba	Dominican Republic	Haiti	Jamaica	Trinidad and Tobago
Argentina (a)	1960	...	2 400	76	30	3	30
Argentina (a)	1970	...	...	...	...	...	...
Bolivia (a)	1950	...	22	11	1	...	...
Brazil (a)	1950	...	282	42	24	...	...
Chile (a)	1970	...	245	80	52	...	...
Colombia (a)	1964	...	1 259	...	...	...	...
Ecuador (b)	1950	...	45	...	...	66	...
Guyana (a)	1960	...	...	...	...	...	...
Paraguay (a)	1972	...	...	...	...	...	...
Peru (a)	1972	...	310	...	...	...	...
Uruguay (a)	1975	...	...	...	...	...	...
Venezuela (a)	1971	176	10 139	1 886	353	117	4 870
Canada (a)	1971	8 615	1 455	855	4 260	25 295	16 755
Costa Rica (a)	1963	...	674	...	...	2 110	...
Costa Rica (a)	1973	...	569	35	15	243	23
El Salvador (a)	1971	...	114	26	1	...	...
Guatemala (a)	1973	...	430	35	15	91	...
Honduras (b)	1961	...	...	...	...	...	...
Mexico (a)	1970	...	4 175	...	...	...	...
Nicaragua (a)	1971	...	...	...	...	...	...
Panama (a)	1970	1 140	1 140	...	...	3 978	...
United States (c)	1970	...	439 048	61 228	28 026	68 576	20 673
Barbados (a)	1960	-	...	...	...	...	...
Cuba (a)	1970	...	-	551	22 579	6 257	...
Dominican Republic (a)	1970	17	949	-	19 965	51	11
Haiti (a)	1950	...	3 052	13 352	-	262	...
Jamaica (a)	1960	414	4 266	...	...	-	482
Trinidad and Tobago (a)	1960	...	...	...	...	...	-

Source: Boletín Demográfico, Año X, No. 20, Santiago de Chile, July 1977, CELADE.

(a) Population classified by country of birth. (b) Population classified by nationality. (c) Corresponds to natives of Latin American countries with both parents also born in Latin America.

Table 5. Population born in Northern and Middle America and enumerated in countries of the Americas other than country of birth.

Country of residence	Census year	Country of birth								United States
		Canada	Costa Rica	El Salvador	Guatemala	Honduras	Mexico	Nicaragua	Panama	
Argentina (a)	1960	373	209	64	102	88	739	53	212	6 747
Argentina (a)	1970	...	...	...	...	...	...	...	...	...
Bolivia (a)	1950	117	10	8	9	8	70	5	9	858
Brazil (a)	1950	402	47	16	88	31	299	25	65	7 987
Chile (a)	1970	350	101	109	66	122	319	56	216	3 661
Colombia (a)	1964	384	400	146	164	...	753	272	2 208	7 561
Ecuador (b)	1950	40	42	11	18	...	41	...	127	728
Guyana (a)	1960	215	...	...	...	...	...	...	...	317
Paraguay (a)	1972	1 529	...	...	...	...	646	...	...	927
Peru (a)	1972	...	...	...	...	...	...	...	...	5 991
Uruguay (a)	1975	...	...	...	...	...	...	...	...	...
Venezuela (a)	1971	647	1 314	342	181	165	1 717	866	1 079	10 832
Canada (a)	1971	-	...	...	...	...	5 380	...	...	309 640
Costa Rica (a)	1963	82	-	...	...	...	471	18 368	3 232	1 955
Costa Rica (a)	1973	86	-	766	404	452	425	11 871	1 598	2 151
El Salvador (a)	1971	46	422	-	3 413	14 290	636	784	5	1 461
Guatemala (a)	1973	179	805	14 052	-	6 231	3 196	1 098	217	3 527
Honduras (a)	1961	82	294	38 002	4 497	-	379	3 553	159	1 433
Mexico (a)	1970	3 352	998	1 213	6 969	942	-	3 674	1 183	97 246
Nicaragua (a)	1971	133	4 693	2 210	451	6 919	703	-	590	1 848
Panama (a)	1970	99	3 825	...	...	...	591	2 582	-	6 894
United States (c)	1970	...	16 691	15 717	17 356	27 978	759 711	16 125	20 046	-
Barbados (a)	1960	315	...	...	...	...	...	...	...	719
Cuba (a)	1970	87	...	...	...	...	1 201	...	...	2 178
Dominican Republic (a)	1970	131	40	113	4	32	161	15	19	2 663
Haiti (a)	1950	162	...	...	...	...	...	...	...	389
Jamaica (a)	1960	506	...	...	...	...	...	...	2 053	1 781
Trinidad and Tobago (a)	1960	525	...	...	...	...	...	...	...	1 420

Source: Boletín Demográfico, Año X, No. 20, Santiago de Chile, July 1977, CELADE.

(a) Population classified by country of birth. (b) Population classified by nationality. (c) Corresponds to natives of Latin American countries with both parents also born in Latin America.

Table 6. Population born in South America and enumerated in countries of the Americas other than country of birth.

Country of residence	Census year	Country of birth										
		Argentina	Bolivia	Brazil	Chile	Colombia	Ecuador	Guyana	Paraguay	Peru	Uruguay	Venezuela
Argentina(a)	1960	-	88 830	48 195	116 840	1 138	617	82	153 844	5 164	53 974	991
Argentina(a)	1970	-	101 000	48 600	142 150	...	...	...	230 050	...	58 300	...
Bolivia(a)	1950	3 278	-	4 682	3 964	90	66	...	132	10 269	74	21
Brazil(a)	1950	15 492	5 120	-	832	527	87	475	14 762	2 358	17 023	336
Chile(a)	1970	13 270	7 563	930	-	800	967	...	290	3 804	759	388
Colombia(a)	1964	1 190	...	2 267	1 130	-	10 126	...	...	1 455	...	16 224
Ecuador(b)	1950	85	29	24	338	14 584	-	...	...	1 783	...	70
Guyana(a)	1960	...	...	...	...	...	...	-	...	...	...	374
Paraguay(a)	1972	27 389	364	34 276	359	...	...	...	-	...	763	...
Peru(a)	1972	4 286	4 115	3 077	7 525	1 528	2 399	...	...	-	...	...
Uruguay(a)	1975	19 300	...	15 000	...	...	...	...	...	...	-	...
Venezuela(a)	1971	4 481	1 166	2 345	2 999	177 973	5 292	664	186	2 168	793	-
Canada(a)	1971	3 145	...	3 225	...	...	...	12 110	...	...	...	1 590
Costa Rica(a)	1963	144	...	37	89	658	135	...	...	75	...	320
Costa Rica(a)	1973	200	...	53	501	517	137	...	22	227	48	214
El Salvador(a)	1971	85	17	37	126	141	44	...	19	50	22	30
Guatemala(a)	1973	240	60	98	239	375	97	...	...	144	...	110
Honduras(b)	1961	...	...	...	...	...	...	...	...	...	...	...
Mexico(a)	1970	1 585	...	538	845	1 133	...	...	...	804	...	805
Nicaragua(a)	1971	107	...	84	100	304	...	...	...	...	...	87
Panama(a)	1970	374	...	210	476	12 128	1 462	...	...	527	...	324
United States(c)	1970	44 803	6 872	27 069	15 393	63 538	36 663	...	1 792	21 663	5 092	11 348
Barbados(a)	1960	...	...	...	...	...	...	...	...	...	...	184
Cuba(a)	1970	354	105	...	...	227	...	...	...	...	...	546
Dominican Republic(a)	1970	213	21	56	47	120	57	...	4	345	33	114
Haiti(a)	1950	...	...	...	...	...	...	...	...	...	...	...
Jamaica(a)	1960	...	...	...	...	...	...	...	...	...	...	...
Trinidad and Tobago(a)	1960	...	...	...	...	...	...	...	...	...	...	3 388

Source: Boletín Demográfico, Año X, No. 20, Santiago de Chile, July 1977, CELADE.

(a) Population classified by country of birth. (b) Population classified by nationality. (c) Corresponds to natives of Latin American countries with both parents also born in Latin America.

## Density

Given the present and projected large urban populations described before, the health and social needs of metropolitan areas become greater and relevant solutions more difficult. Table 7 gives the surface area and density per km<sup>2</sup> for the countries of the Region around 1979. Excluding those with fewer

than 500,000 population, the density ranges from two persons per km<sup>2</sup> in Canada to 383 persons per km<sup>2</sup> in Puerto Rico. In Latin America, excluding the Caribbean, the density ranges from four in Guyana to 222 in El Salvador. Nine countries had a density of 200 and over and nine had between one and 200 persons per km<sup>2</sup>. A total of 21 countries had a density of 50 or less and three countries with a population

Table 7. Surface area and population density per km<sup>2</sup> in the Americas, by country, 1979.

Country	Surface area (km <sup>2</sup> )	Density
Antigua	442	170
Argentina	2 766 889	10
Bahamas	13 935	16
Barbados	431	582
Belize	22 965	7
Bermuda	53	1 113
Bolivia	1 098 581	5
Brazil	8 511 965	14
Canada	9 976 139	2
Cayman Islands	259	64
Chile	756 945	14
Colombia	1 138 914	23
Costa Rica	50 700	43
Dominica	751	105
Dominican Republic	48 734	109
Ecuador	283 561	29
El Salvador	21 041	222
Falkland Islands	12 173	0
French Guiana	91 000	1
Grenada	344	285
Guadeloupe	1 779	179
Guatemala	108 889	65
Guyana	214 969	4
Haiti	27 750	177
Honduras	112 088	32
Jamaica	10 991	197
Martinique	1 102	286
Mexico	1 972 547	35
Montserrat	98	133
Netherlands Antilles	961	271
Nicaragua	130 000	20
Panama (a)	75 650	25
Paraguay	406 752	7
Peru	1 285 216	13
Puerto Rico	8 897	383
St. Kitts-Nevis and Anguilla	357	188
Saint Lucia	616	183
St. Pierre and Miquelon	242	25
St. Vincent	388	250
Suriname	163 265	2
Trinidad and Tobago (b)	5 130	221
Turks and Caicos Islands	430	14
United States	9 363 123	24
Uruguay	176 215	16
Venezuela	912 050	15
Virgin Islands (U.K.)	153	85
Virgin Islands (U.S.)	344	305

Source: 1979 Demographic Yearbook, United Nations, 1980.

(a) Excluding former Canal Zone. (b) 1978.



greater than one million had densities of 10 and less. There is little relationship between total population and overall density per km<sup>2</sup> in most countries of the Region. While Argentina and Colombia had similar total populations in 1980, the density in Colombia was 2.3 times that of Argentina whose surface area is 2.4 times that of Colombia. The surface area for non-island areas in Latin America with a population of one-half million and more ranges from 21,041 km<sup>2</sup> for El Salvador to 8,511,965 km<sup>2</sup> for Brazil.

### Literacy

Each individual is born with a given set of potential abilities and skills. The development of this potential is related to the educational level achieved, which in turn directly affects the health status of the population. Adequate understanding of nutrition and

hygiene is one of the major determinants of a population's health. The positive relationship of education to health is well documented. Table 8 gives the adult literacy rates for 24 selected countries in the Region with data available around 1976. The adult literacy rate, accepted internationally as a key measure of socioeconomic development, is defined as the percentage of persons 15 years of age and older able to read and write. This index ranged from a high of 99 per cent in Canada and the United States to a low of 23 per cent in Haiti. Six of 22 countries in Latin America had literacy rates of 90 per cent or greater, and seven had rates between 80 and 89 per cent. The median adult literacy rate for the Latin American countries was about 82 per cent. It should be emphasized, however, that the accuracy and therefore the reliability of these data vary with each country because of possible differences in the definition of literacy and, in some cases, the lack of total coverage of the population.

Table 8. Adult literacy rates for 24 countries of the Americas, around 1976.

Country	Rate
Argentina	94
Bolivia	63
Brazil	76
Canada	99
Chile	88
Colombia	81
Costa Rica	90
Cuba	96
Dominican Republic	67
Ecuador	77
El Salvador	62
Guatemala	47
Haiti	23
Honduras	60
Jamaica	86
Mexico	82
Nicaragua	90
Panama	78
Paraguay	84
Peru	80
Trinidad and Tobago	95
United States	99
Uruguay	94
Venezuela	82

Source: World Development Report, 1981. The World Bank, Washington, D.C., 1981.

Table 9. Dependency ratios per 100 population in the Americas, by subregion, 1950-2000.

Subregion	1950	1960	1970	1980	1990	2000
Northern America	54.4	67.6	61.5	50.5	53.0	51.1
Latin America	78.5	85.2	86.7	81.4	77.8	71.7
Caribbean	76.3	80.4	86.9	74.8	63.5	60.1
Continental Middle America	86.0	95.9	99.2	94.4	90.4	82.4
Temperate South America	57.6	61.5	61.4	59.2	58.4	55.0
Tropical South America	83.1	89.1	88.4	82.1	78.1	71.1

Source: Selected Demographic Indicators by Country, 1950-2000, United Nations, 1980.

## Dependency

As discussed earlier, the age structure of a population has a direct bearing on the health condition of its members. Age structure is also related to the population's capacity to achieve and maintain a desirable level of health. The working population, commonly referred to as the labor force, consists of those between the ages of 15 and 64. The dependency ratio (ratio of the number of children under 15 and adults 65 years and over divided by the number of persons aged 15-64), is an indicator frequently used to measure the ability of the economically active population to support the non-working or "dependent" age groups. These dependency ratios are affected heavily by fertility rates: the higher the rate, the greater the dependent burden on the working population.

Dependency ratios for the Region of the Americas are shown in Table 9. In 1980 dependency ratios ranged from 59.2 per cent in Temperate South America to 94.4 per cent in Continental Middle America. In Latin America the ratio during the same year was 81.4 and in Northern America 50.5. By the year 2000 the dependency ratios are expected to decline for all subregions except for Northern America, where the population is increasing among those 65 years and over.

## ECONOMIC GROWTH AND THE LABOR FORCE

The level of economic development within a country is strongly related to the quality of life and therefore to the health of a population. An increase in economic growth results in more government revenues available for the health sector as well as increased income levels, both of which lead to an increase in the availability of and potential accessibility to health care.

Data on the gross domestic product (GDP) of its 25 member countries in Latin America were supplied by the Inter-American Development Bank (IDB). However, for the purpose of a comparable time series, Suriname was not included here since its membership began only in 1981. The gross domestic product is defined as the total value of all goods and services produced in an economy during a given year. For the period 1977-1980 the GDP in Latin America increased at an average annual rate of 2.6 per cent (Table 10). Among the subregions, Continental Middle America showed the greatest increment, with 3.2 per cent; this was due particularly to the high rate of expansion of the Mexican economy between 1978 and 1980.

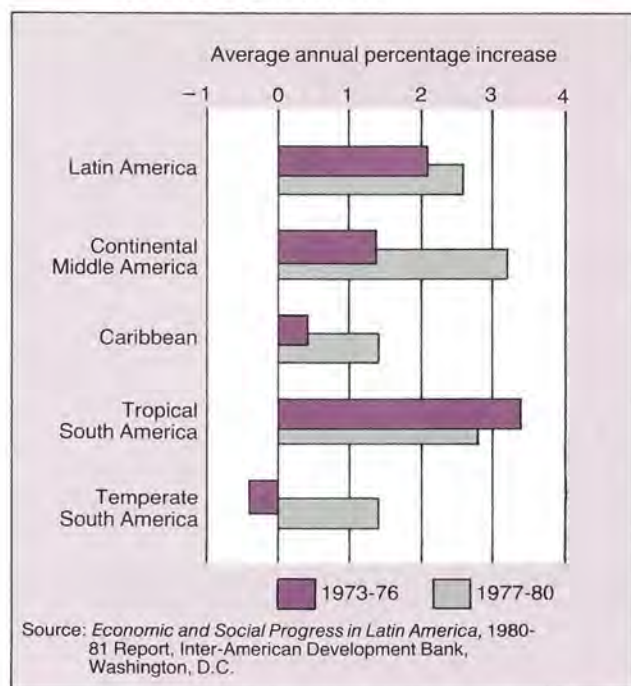
Tropical South America experienced a growth rate

Table 10. Per capita gross domestic product (in 1980 US\$)  
and average growth rates, by country, 1977-1980.

Country	1977	1980	Average annual increase (per cent) 1977 - 1980
Argentina	1 953.4	1 935.0	-0.3
Bahamas	7 387.7	8 396.9	4.4
Barbados	2 348.0	2 685.7	4.6
Bolivia	578.4	566.7	-0.7
Brazil	1 477.0	1 664.2	4.1
Chile	1 341.5	1 590.5	5.8
Colombia	824.1	921.6	3.8
Costa Rica	1 476.3	1 527.3	1.1
Dominican Republic	993.6	1 050.4	1.9
Ecuador	743.0	789.2	2.0
El Salvador	797.0	680.9	-5.1
Guatemala	1 147.6	1 198.5	1.5
Guyana	773.2	727.0	-2.0
Haiti	252.7	267.4	1.9
Honduras	599.1	639.0	2.2
Jamaica	1 566.7	1 406.3	-3.5
Mexico	1 362.9	1 534.5	4.0
Nicaragua	1 116.9	896.8	-7.1
Panama	1 774.9	1 917.6	2.6
Paraguay	900.5	1 131.2	7.9
Peru	1 210.5	1 137.3	-2.1
Trinidad and Tobago	2 083.0	2 269.2	2.9
Uruguay	1 824.4	2 163.9	5.9
Venezuela	2 659.8	2 457.5	-2.6
Latin America	1 395.4	1 507.0	2.6
Carribean (a)	1 042.5	1 085.3	1.4
Continental Middle America (b)	1 290.3	1 418.8	3.2
Temperate South America (c)	1 782.2	1 859.4	1.4
Tropical South America (d)	1 386.0	1 504.2	2.8

(a) Includes Bahamas, Barbados, Dominican Republic, Haiti, Jamaica, and Trinidad and Tobago. (b) Includes Costa Rica, El Salvador, Guatemala, Honduras, Mexico, Nicaragua and Panama. (c) Includes Argentina, Chile and Uruguay. (d) Includes Bolivia, Brazil, Colombia, Ecuador, Guyana, Paraguay, Peru and Venezuela.

Figure 3. Average annual percentage increase in per capita gross domestic product in Latin America, 1973-1976, and 1977-1980.



slightly above the Latin American average, 2.8 per cent during the period 1977-1980, in contrast to a rate of 3.4 per cent during the preceding quadrennium (Figure 3). The decline was the result of negative growth rates in Bolivia, Guyana, Peru, and Venezuela during that four-year period.

Rates for the Caribbean and Temperate South America of 1.4 per cent each were substantially below the Latin American average. This was not surprising in view of the economic depression in Jamaica and Argentina's exceedingly high inflationary rate.

On a country basis, the four-year average annual rates of increase ranged from 5.9 and 5.8 per cent in Uruguay and Chile, respectively, to a low of -7.1 and -5.1 per cent in Nicaragua and El Salvador. Eight of the 24 countries experienced negative growth rates and four exhibited a growth rate of under 2 per cent.

Data on the breakdown of the GDP have been divided into the following sectors: (1) primary: agriculture and mining; (2) secondary: manufacturing, construction, and communications; and (3) tertiary: wholesale and retail trade, financial services, the government sector, and other services.

The agricultural sector remains an important component of the labor force in Latin America. Although the proportion of the population employed in agriculture has declined since 1960, at present about 40

per cent of the work force in the region is still employed in this area. In 1980 the agricultural sector contributed over 12 per cent to the GDP of Latin America, while the industrial sector accounted for about 41 per cent (Figure 4).

At present the manufacturing industry within the secondary sector contributes more than twice the amount of value toward the GDP than does the primary (agriculture and mining) sector. Since 1970 the percentage contribution of the primary sector to the GDP declined by almost one-fourth in Latin America, while the industrial sector steadily increased its contributed value. The tertiary sector, however, remained at the same level during the 1970-1980 period.

Among the subregions, the primary sector in the Caribbean continued to account for about 20 per cent of its GDP, while the tertiary sector dominated all other subregions with the exception of Temperate South America, where industry (secondary sector) accounted for 44 per cent of the GDP in 1980. Employment within the industrial sector increased from 14.2 million in 1960 to 19.5 million around 1970. The most dramatic leap in employment was in the area of services (tertiary sector) where the number of persons employed increased by 46 per cent between 1960 and 1970.

The proportion of an economically active population is often used as an indicator of that population's ability to develop its resources and thereby increase its quality of life. Figure 5 shows labor force activity rates for the Region of the Americas, by sex, for 1975 and projections to the year 2000. These rates are defined as the percentage of the total employed population. In 1975 a total of 31.5 per cent of the population of Latin America was economically active. The range by subregion was from a high of 37 per cent in Temperate South America to a low of 29 per cent in Continental Middle America. The ratio of working males to working females was 3.5 for, Latin America, with ranges of 2.4 in the Caribbean to 4.5 in Continental Middle America. By the year 2000 a total of 33.4 per cent of the Latin American population is expected to be working, with ranges of 38.5 per cent in Temperate South America to 31 per cent in Continental Middle America. The sex ratios are expected to decline to 2.7 for the Region, as greater numbers of women find their way into the work force.

In 1975 Northern America had an activity rate of 44.0 and a male to female ratio of 1.7, the greater proportion of working population being a function of an older population and an industrialized economy. This lower sex ratio is a reflection of declining fertility rates, increased educational opportunities for women, and the relatively high divorce rate. By the



Figure 4. Sector contribution to gross domestic product in Latin America, 1970 and 1980.

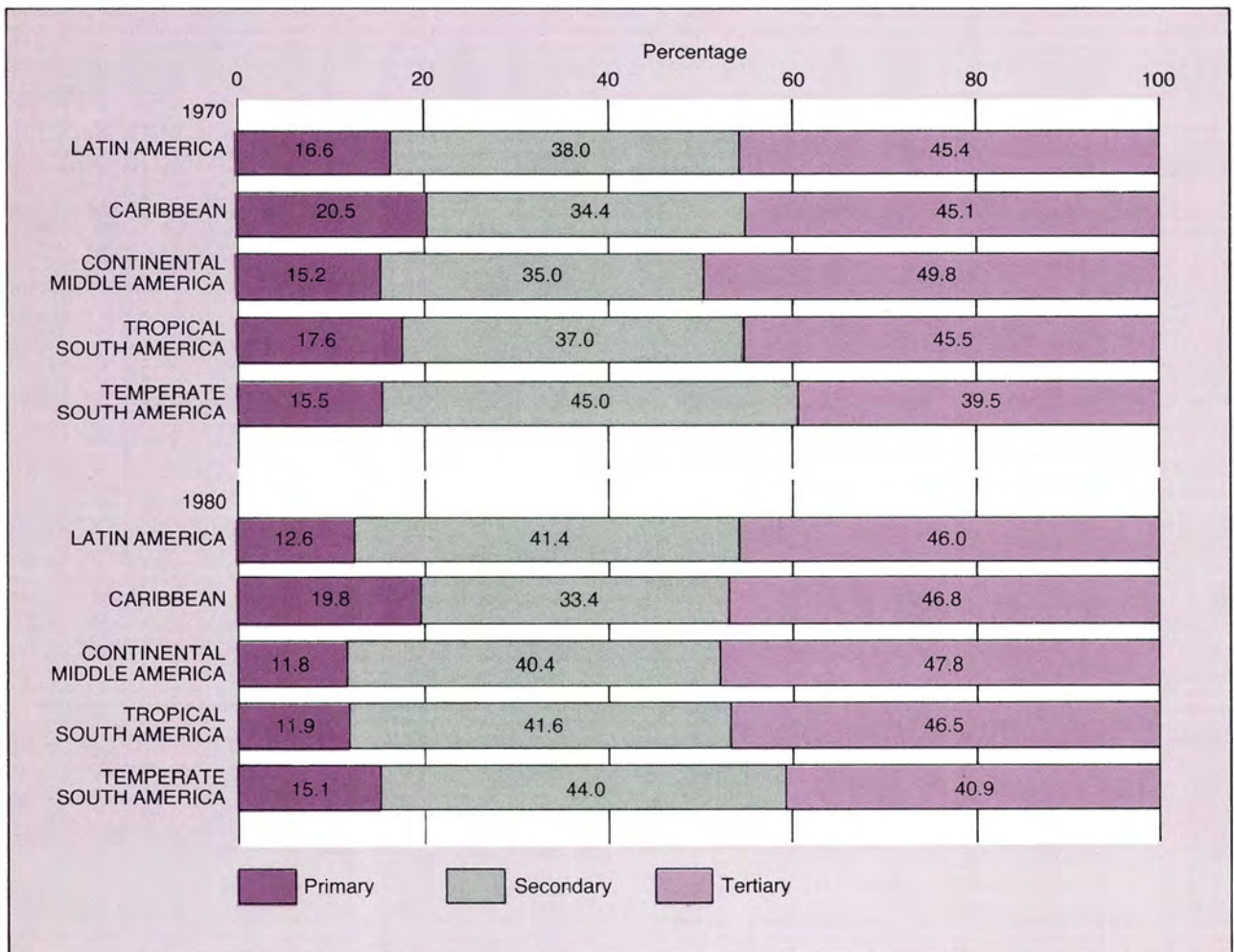
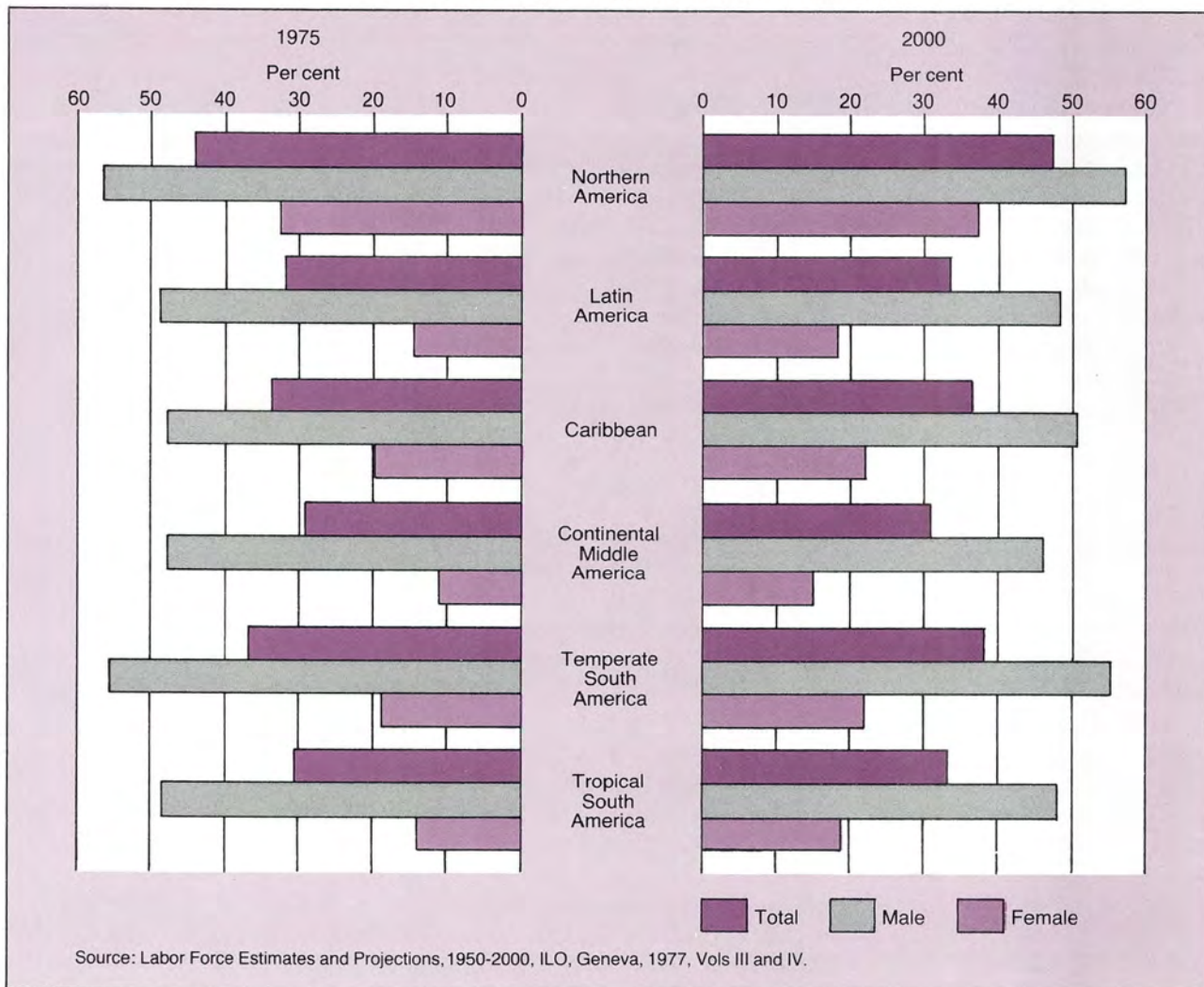


Figure 5. Labor force activity rates by sex for the Region of the Americas, 1975 and 2000.





turn of the century it is estimated that 47 per cent of the population of Northern America will be employed and will consist of only 1.5 as many males as females.

## FOOD AND NUTRITION

Food is the most essential and basic requirement for human well-being. Without a sufficient and well-balanced food supply, the nutritional health and therefore the productivity of a population cannot be sustained. In order to maintain a healthy nutritional level, the availability of nutrients must keep pace with the rate of population growth and an adequate distribution of these nutrients must be achieved within the countries. At the beginning of the 1970s the food and nutrition situation in Latin America was characterized by a clear inequity in the distribution and consumption of staple foods, particularly among low-income groups. An additional factor was the continuance of environmental and socioeconomic

problems that negatively affected the proper utilization of food at the local level.

Table 11 shows calories and proteins per capita for selected countries in Latin America around 1975-1977. These data were obtained from the Food and Agriculture Organization of the United Nations (FAO) and although they represent the average supply available for the total population, they should not be interpreted as the amounts actually consumed by individuals.

Excluding the countries of Northern America, the daily caloric supply ranged from 3,358 per capita in Argentina to 2,023 per capita in Guatemala. Two-thirds, or 22 of 36 countries in Latin America, had caloric supply levels below 2,500 per capita, and eight of these were below 2,100. The protein supply level ranged from 110.2 g per capita in Argentina to 43.0 g in the Dominican Republic. Barbados, Paraguay, and Uruguay had levels of 80 g and above, while Colombia, Ecuador, Haiti, St. Vincent, and Suriname were below 51 g per capita.

Problems associated with malnutrition resulting from lack of food supply are dealt with in some detail in Chapter III in the sections on infants and children and women.

Table 11. Calorie and protein supply per capita for 39 countries of the Americas, 1975-1977 average.

Area	Calories	Proteins	Area	Calories	Proteins	Area	Calories	Proteins
Antigua	2036	56.3	Dominican			Nicaragua	2452	70.4
Argentina	3358	110.2	Republic	2109	43.0	Panama	2346	57.8
Bahamas	2293	62.5	Ecuador	2111	50.1	Paraguay	2808	80.1
Barbados	3047	79.6	El Salvador	2071	54.4	Peru	2284	58.5
Belize	2510	64.3	French Guiana	2481	69.4	St. Kitts-Nevis		
Bermuda	2737	96.7	Grenada	2099	62.6	and Anguilla	2166	55.0
Bolivia	2049	53.4	Guadeloupe	2584	78.7	Saint Lucia	2201	56.0
Brazil	2521	60.9	Guatemala	2023	53.7	St. Vincent	2281	49.3
Canada	3345	101.1	Guyana	2431	59.2	Suriname	2284	50.8
Chile	2644	70.3	Haiti	2041	49.1	Trinidad and		
Colombia	2246	48.6	Honduras	2084	51.5	Tobago	2686	70.0
Costa Rica	2487	58.1	Jamaica	2662	70.1	United States	3539	106.2
Cuba	2630	67.7	Martinique	2623	78.0	Uruguay	2927	87.5
Dominica	2093	51.9	Mexico	2668	66.1	Venezuela	2436	64.9

Source: Food Balance Sheets, 1975-77 Average, Food and Agriculture Organization of the United Nations, Rome, 1980.

## HEALTH STATUS MEASURES: TOTAL POPULATION

### INTRODUCTION

The Ten-Year Health Plan for the Americas included a number of specific goals related to the reduction of mortality and morbidity and to the increase of life expectancy at birth. The Plan recommended that countries have available data of good quality and quantity in order to plan, manage, and evaluate health programs, and that efforts be directed toward improving the quality, coverage, and completeness of vital and health statistics.

During the past decade various health service programs, particularly those aimed at special population groups, were influenced by information gathered from epidemiological surveillance systems. Those currently in operation in the Region generally cover infectious and parasitic diseases.

Deficiencies persist in the registration of births and deaths as well as in medical certification, and the data from surveillance systems reflect incomplete coverage and limited quality; yet in most countries of the Region sufficient statistical information exists to support some analysis of the health status.

National health statistics information systems are at varying stages of development; nevertheless, the increased use of health status measures in health planning has served to advance this development. The quality and coverage of available health statistics, however, need much additional improvement.

Chapters II and III deal with health status measures of the total population and of special population groups, respectively. Chapter II covers life expectancy, general mortality, and fertility trends, as well as mortality and morbidity associated with specific health problems. Chapter III reflects, on the one hand, the special focus of the Ten-Year Health Plan on the health of mothers and children, and on the other, the fact that, within the Plan of Action to achieve the goal of health for all by the year 2000, priority is assigned to the population suffering extreme poverty—specifically, women and young chil-

dren, workers, and the elderly. Hence, Chapter III highlights the health status of children under 5 years of age, young people 15–24, the aging population, and women. Because of limitations of space and available data, a selection was made of subjects related to the health of those major groups. The serious lack of data on occupational health precluded the inclusion of a section on the health status of workers. The occupational health issue, however, is dealt with in Chapter VII on Environmental Health.

Most of the data for Chapters II and III were provided by the health ministries of the countries of the Region in response to annual questionnaires. Official country publications, United Nations publications, and published data from special studies were used as supplementary sources.

### HEALTH TRENDS

#### Life Expectancy

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##### *Goals of the Ten-Year Health Plan*

- Increase life expectancy at birth by five years in those countries where the present figure is under 65 years.
  - Increase life expectancy at birth by two years in those countries where the present figure is between 65 and 69 years.
- 

Life expectancy at birth is frequently used to assess the health status level of a population: it summarizes the effect of health programs as well as of socioeconomic development. Estimates of life expectancy, however, are highly dependent on completeness of birth and death registration and on reliable population distribution data by age.

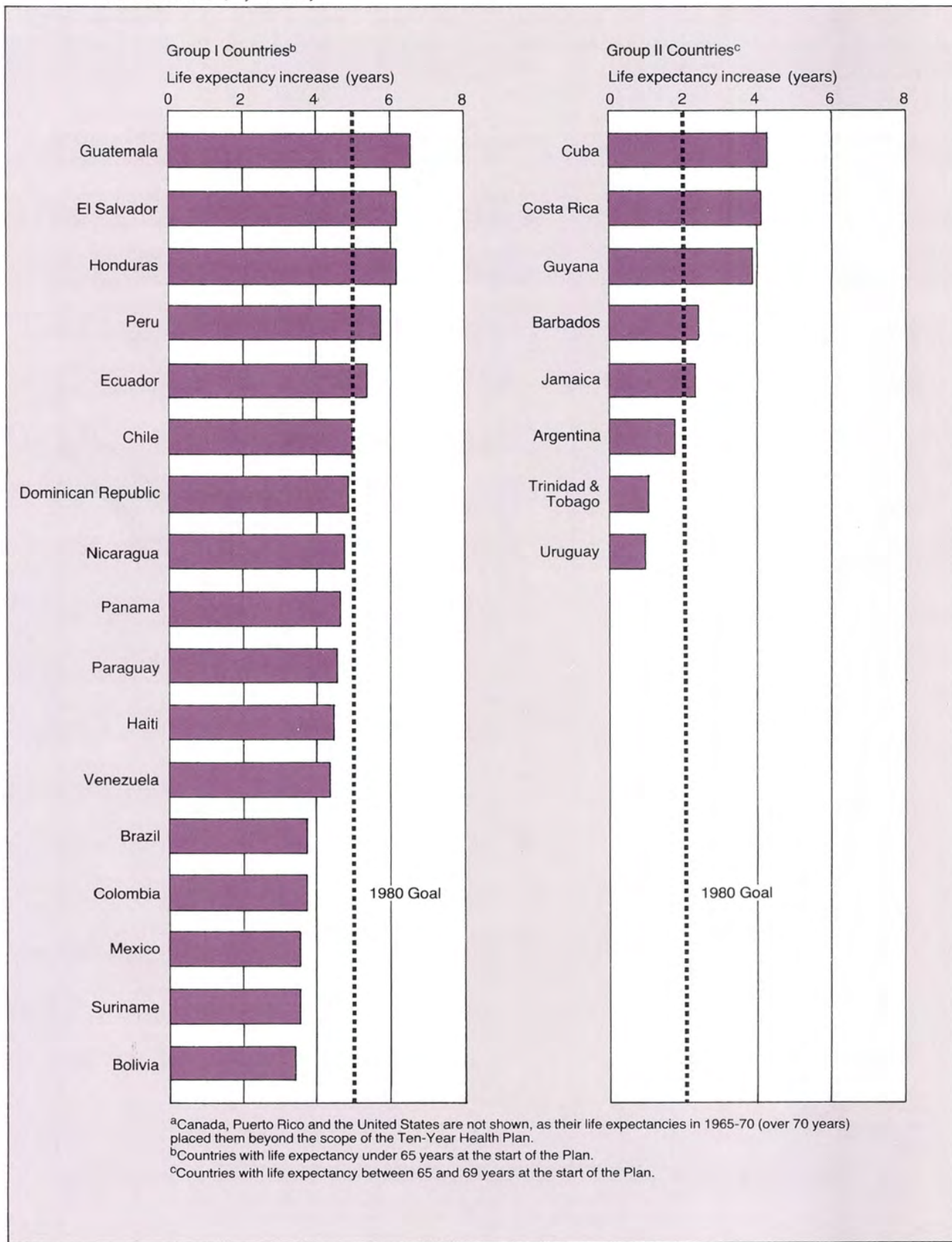
Table 12 shows life expectancy at birth for coun-

Table 12. Life expectancy at birth (years) by country, subregion, and sex, 1965-1970 and 1975-1980: United Nations medium variant.

Country	1965-1970			1975-1980		
	Total	Male	Female	Total	Male	Female
Argentina	67.4	64.1	70.8	69.2	66.0	72.5
Barbados	67.6	65.1	70.2	70.0	67.6	72.5
Bolivia	45.1	42.9	47.3	48.6	46.5	50.9
Brazil	58.0	56.5	59.5	61.8	60.1	63.6
Canada	72.0	68.9	75.3	73.5	70.1	77.0
Chile	60.6	57.6	63.6	65.7	62.4	69.0
Colombia	58.4	56.3	60.7	62.2	60.0	64.5
Costa Rica	65.6	63.9	67.5	69.7	67.5	71.9
Cuba	68.5	66.8	70.3	72.8	71.1	74.4
Dominican Republic	55.4	53.6	57.2	60.3	58.4	62.2
Ecuador	54.6	52.9	56.4	60.0	58.0	62.0
El Salvador	56.0	54.1	58.0	62.2	60.0	64.5
Guatemala	51.2	50.4	52.0	57.8	56.9	58.8
Guyana	65.2	62.9	67.5	69.1	66.5	71.7
Haiti	46.2	44.9	47.6	50.7	49.1	52.2
Honduras	50.9	49.2	52.7	57.1	55.4	58.9
Jamaica	67.8	65.9	69.7	70.1	67.8	72.5
Mexico	60.8	59.0	62.6	64.4	62.4	66.5
Nicaragua	50.4	48.9	52.1	55.2	53.5	57.1
Panama	64.9	63.5	66.3	69.6	67.5	71.9
Paraguay	59.5	57.5	61.7	64.1	61.9	66.4
Peru	51.3	50.0	52.6	57.1	55.7	58.6
Puerto Rico	71.0	68.0	73.5	73.0	69.6	76.5
Suriname	63.6	61.5	65.7	67.2	64.8	69.8
Trinidad and Tobago	67.8	65.9	69.7	68.9	65.9	72.0
United States	70.5	66.9	74.1	72.9	69.1	77.0
Uruguay	68.5	65.3	71.9	69.5	66.3	72.8
Venezuela	61.8	59.3	64.5	66.2	63.6	69.0
Northern America	70.6	67.1	74.2	73.0	69.2	77.0
Latin America	58.7	56.9	60.5	62.5	60.5	64.5
Caribbean	60.6	58.9	62.4	62.8	60.9	64.8
Continental Middle America	59.2	57.5	60.9	63.2	61.3	65.2
Temperate South America	65.3	62.1	68.5	68.1	65.0	71.4
Tropical South America	57.2	55.5	58.9	61.3	59.4	63.2

Source: World Population Prospects as Assessed in 1980, United Nations, N.Y., 1981.

Figure 6. Achievements in increasing life expectancy at birth between 1970 and 1980 in relation to the goal of the Ten-Year Health Plan, by country.<sup>a</sup>

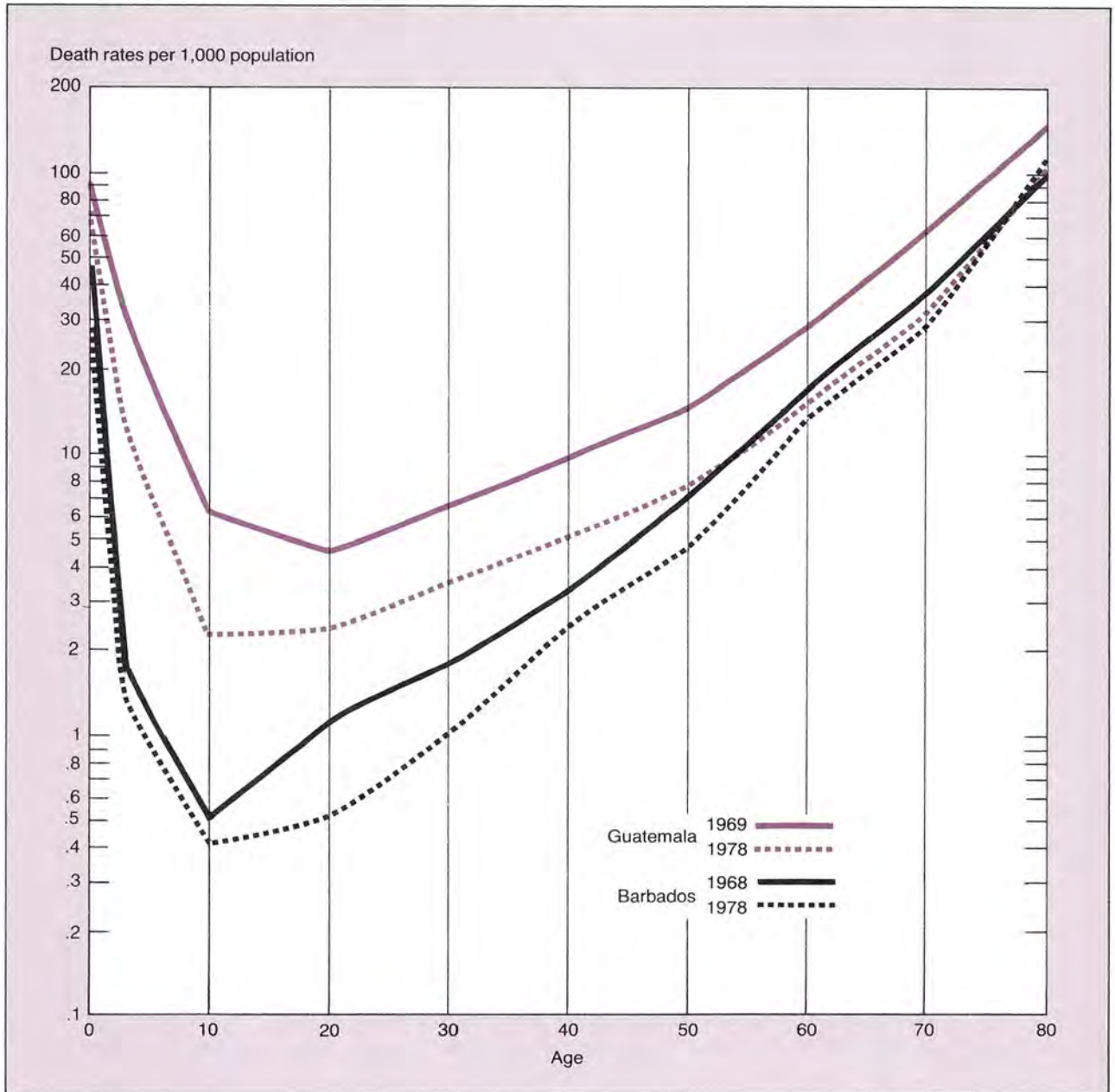


tries of the Region as published by the Population Division of the United Nations; these computations are used in preparing medium variant population projections. In general the medium variant represents future demographic trends which seem more likely to occur in view of observed past demographic trends, expected social and economic progress, current government policies, and prevailing public attitudes toward population issues.

Figure 6 shows achievements of the countries of

the Region in increasing life expectancy at birth, in relation to the goals mentioned above and based on the figures shown in Table 12. It shows two groups of countries corresponding to the two life expectancy categories mentioned in the goals. Three countries (Canada, Puerto Rico, and the United States) had life expectancies at the beginning of the decade covered in the Ten-Year Health Plan which placed them beyond the scope of the goals; hence, they are not shown in the figure.

Figure 7. Age-specific death rates per 1,000 population, Guatemala and Barbados, around 1968 and 1978.



## General Mortality

### Crude Death Rates

Inasmuch as crude death rates measure the number of registered deaths in relation to the population, two important factors should be taken into account when comparing these rates: the completeness of death registration, and the age distribution of the population.

As previously mentioned, there is an under-registration of deaths in some countries of Latin America, particularly in rural areas; hence the true death rates are usually higher than those recorded. In addition, in many countries a large proportion of the population is in the younger age groups, creating an understandably low crude death rate. In some countries, however, such as those of Northern America and Temperate South America, a large proportion of the population is in the older age groups, which implies a high crude death rate.

Annex Table II-1 shows the number of registered deaths in countries of the Region for 1960 and 1970-1980 and the corresponding crude death rates per 1,000 population. In Northern America, crude death rates decreased steadily during the decade, from 9.2 in 1970 to 8.5 in 1978. In Continental Middle America a decreasing trend was evident, from 9.0 in 1970 to 7.2 in 1976; but there were no data for Mexico after 1976, and several other data years were missing after 1977 for countries with large populations. Using those countries with available data, the table shows a decreasing rate through 1978, both in the Caribbean and in Continental Middle America.

Several countries with a large population had no data available and were also not included in the calculation of rates for South America. They were: Bolivia and Brazil (no data throughout the entire period), Argentina (no data for 1971 through 1976), Colombia (no data after 1977), Ecuador (no data for 1975 or after 1978), and Peru (no data for 1974, 1976, or after 1978). As a result of these gaps no clear trend can be determined in the South American sub-region.

Most countries of the Region showed decreasing crude death rates. In a few instances the rates appear to have stabilized and remained relatively constant. Some increases were observed, primarily in Caribbean countries, where populations are small enough that wide fluctuations in the rates were possible even though the increase in the actual number of deaths was not large.

### Age-specific Death Rates

Age-specific death rates provide additional information on patterns of mortality. Figure 7 illustrates the changes that have taken place in the age-specific death rates between 1968 and 1978 in two countries of the Region. Guatemala had crude death rates per 1,000 population of 17.2 in 1969, and 9.4 in 1978, and Barbados had rates of 8.1 and 7.7 in 1968 and 1978, respectively.

The overall shape of the curves showing the age-specific death rates was similar for all four country years, but differences were apparent. In 1968 the rates in Barbados dropped sharply, reaching a value

Table 13. Crude and age-adjusted death rates per 1,000 population, by country, around 1978.

Country	Year	Crude rate	Age-adjusted rate
Antigua	1978	5.4	4.0
Argentina	1978	8.8	5.8
Bahamas	1979	5.5	6.1
Barbados	1978	7.7	4.6
Belize	1979	4.1	3.6
Bermuda	1978	6.2	3.8
Canada	1978	7.2	3.8
Cayman Islands	1979	5.4	4.2
Chile	1979	6.8	5.7
Colombia	1977	5.8	6.3
Costa Rica	1979	4.2	4.3
Cuba	1978	5.7	4.3
Dominica	1978	5.1	3.9
Dominican Republic	1978	4.5	4.5
Ecuador	1978	7.2	7.4
El Salvador	1974	7.9	7.6
Falkland Islands	1977	13.5	7.4
French Guiana	1977	7.3	5.4
Guadeloupe	1974	7.3	6.3
Guatemala	1978	9.4	9.2
Guyana	1977	7.3	7.7
Honduras	1978	5.3	5.1
Jamaica	1971	7.6	6.7
Martinique	1975	6.8	5.3
Mexico	1976	7.3	7.4
Montserrat	1979	10.0	5.5
Nicaragua	1977	5.4	5.4
Panama	1974	5.7	5.6
Paraguay (a)	1978	7.9	8.4
Peru	1978	4.9	5.0
Puerto Rico	1977	6.0	4.1
St. Kitts-Nevis and Anguilla (b)	1978	9.6	6.9
St. Pierre and Miquelon	1976	6.6	4.0
St. Vincent	1979	6.1	5.1
Suriname	1978	7.3	6.0
Trinidad and Tobago	1977	6.5	6.4
United States	1978	8.7	4.1
Uruguay	1978	9.8	5.3
Venezuela	1978	5.5	5.8
Virgin Islands (UK)	1976	4.9	1.8

(a) Reporting area. (b) Excludes Anguilla.



of 0.5 in the 5–14 age group, and then climbed rapidly. In Guatemala (1969) the rates did not decline as abruptly, but the decrease continued until reaching the 4.6 value in the 15–24 age group. The shape of the curves for the two countries in 1978 was quite similar; both reached a low in the 5–14 age group. Rates remained considerably higher in Guatemala, but substantial reductions in rates were experienced during 1968–1978.

### Age-adjusted Death Rates

An age-adjusted rate represents the mortality rate that would be expected if a country's age-specific mortality rates had prevailed in a population having a "given" standard age distribution. The calculation of age-adjusted rates therefore represents an effort to adjust for the effects of different age structures of the population in different countries.

Table 13 shows crude and age-adjusted death rates per 1,000 population around 1978 in countries of the Region. The adjusted rates were obtained using a standard population derived from an estimated age distribution in Latin America around 1960; hence, it is

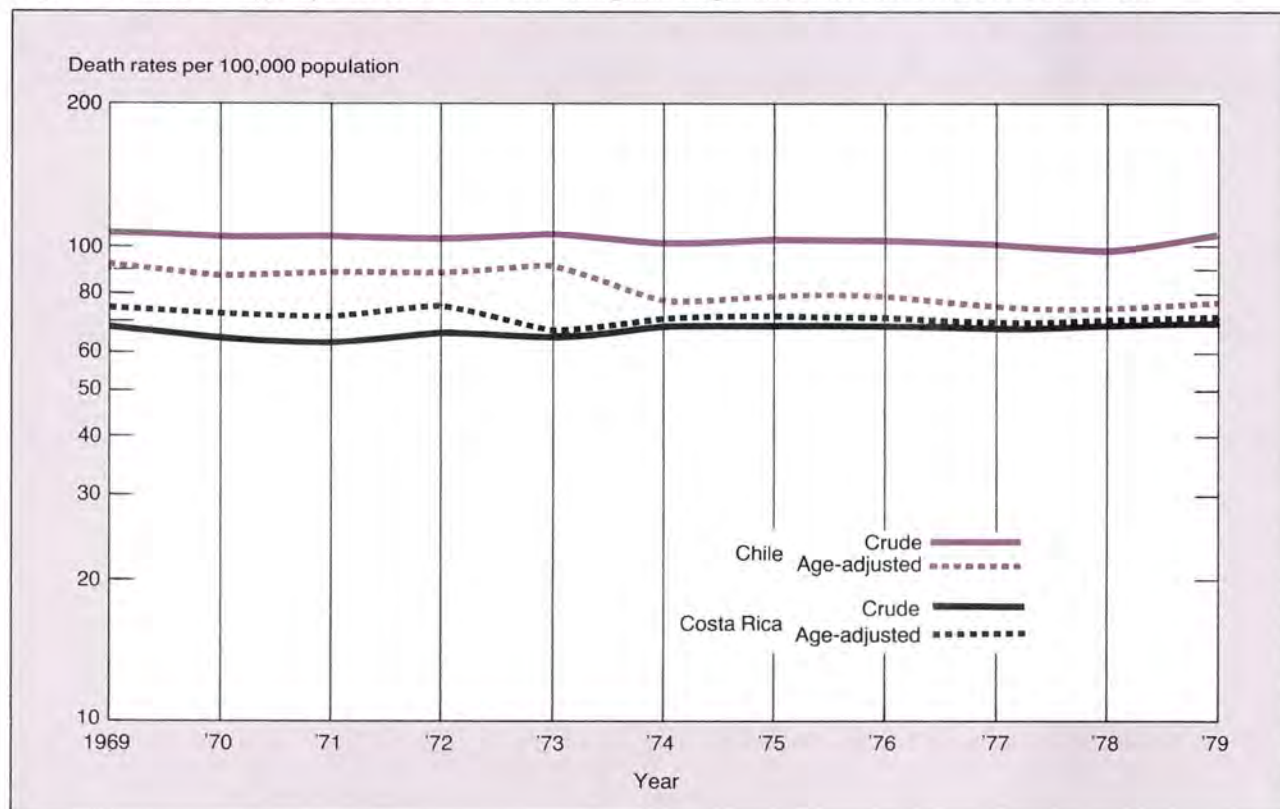
an adjustment to a very young population. Not surprisingly, there were only small differences between the crude and age-adjusted rates in many countries, since the age distribution of their populations resembled that of the standard. For those with larger proportions of their populations in the older age groups, such as the United States, Canada, Argentina, and Uruguay, the age-adjusted rates were considerably below the crude death rates. In a few countries, such as the Bahamas and Colombia, age-adjusted rates were higher than the crude rates.

The effect of adjusting death rates for differences in the population age structure of different countries is illustrated in Figure 8, which shows crude and age-adjusted death rates from malignant neoplasms from 1969 to 1979 in Chile and Costa Rica.

### Mortality by Cause

The Ninth Revision of the *International Classification of Diseases (ICD-9)* was adopted by the Twenty-ninth World Health Assembly in 1976 and was implemented on 1 January 1979. However, a large number of countries in the Region did not begin to

Figure 8. Crude and age-adjusted death rates from malignant neoplasms, Chile and Costa Rica, 1969–1979.



use the ICD-9 until 1980; hence, almost all mortality data shown in this publication are classified according to the Eighth Revision (ICD-8). The small number of ICD-9 data years presented were not available in time to permit their inclusion in the descriptive analysis of mortality.

Annex Table II-2 shows the number of deaths by cause, as well as crude and age-adjusted rates, for data years classified according to the ICD-8. All available data for the period 1977-1980 are shown by country. The 66 causes shown are an extension of the B List of the ICD-8.

Annex Table II-3 contains the limited number of data years available, with mortality classified according to the ICD-9. The 80 causes shown are essentially a condensation of the Basic Tabulation List of the ICD-9.

Annex Table II-4, which shows the relationship between the lists used in Annex Tables II-2 and II-3, is provided to assist the reader in the transition from the coding conventions of the ICD-8 to those of the ICD-9.

The extent and quality of medical certification vary in the Region, and are related to the availability of physicians and medical services. In many countries a large proportion of deaths is classified as being due to symptoms, senility, or ill-defined conditions. Table 14 shows the percentage of total deaths which were medically certified, the percentage assigned to symp-

toms and other ill-defined conditions, and population per physician for selected countries in Latin America. The percentage of medical certifications was available for only a very small group of countries and was obtained in response to a special-purpose questionnaire used by PAHO as part of the collection of data for 1979. This percentage was quite high in Costa Rica (83 per cent) and Panama (75 per cent), and substantially lower in Guatemala (30 per cent). Medical certification of death is not compulsory in Honduras, and the death certificate is usually prepared by municipal secretaries when registering the death. If death occurs in a hospital, the form is completed there on request by relatives. Only the Municipal Council of the Central District (Tegucigalpa) has legislated compulsory medical certification of death.

Table 14 does not indicate a clear relationship between the percentage of deaths due to symptoms and ill-defined conditions and the percentage medically certified. While Costa Rica had the highest percentage of medical certification and the lowest percentage of deaths due to symptoms, Guatemala and Ecuador had greatly different percentages of medical certification (30 and 57 per cent, respectively) and almost the same level of deaths due to symptoms (15.3 and 16.5 per cent, respectively). The countries with the highest percentage of medical certification (Costa Rica, Panama, and Peru) showed the lowest population per physician ratios—although the high

Table 14. Percentage of medically certified deaths and of deaths classified as due to senility, symptoms, and other ill-defined conditions, and population per physician, selected countries, around 1979.

Country	Year	Per cent		Year	Population per physician
		Medically certified deaths	Deaths due to symptoms		
Costa Rica	1979	83	9	1975	1520
Dominican Republic	1979	43	32	1973	1870
Ecuador	1978	57	17	1973	2120
El Salvador	1979	41	33 (a)	1979	3490
Guatemala	1979	30	15	1976	8200
Honduras	1978	(b)	32	1979	3120
Panama	1978	75	8 (a)	1978	1130
Paraguay	1979	43 (c)	20 (c)	1979	1750
Peru	1978	67	8	1979	1480

(a) Data for 1974. (b) Medical certification is not compulsory. Of 18 127 total registered deaths, 12 per cent of certificates were completed in hospitals and the rest in civil registration offices. (c) Reporting area.



concentration of physicians in large urban areas decreased their value as indicators of physician availability.

Table 15 shows the coverage of civil registration of births and deaths in those Latin American countries which responded to the special-purpose questionnaire previously mentioned. This coverage is expressed as the percentage of births and deaths which are registered from among the total births and deaths in the country. Percentages reported by these countries were extremely high in Costa Rica and Guatemala, and much less so in the other countries shown. In Honduras and Peru registration of live births appeared much higher than that of total deaths or infant deaths.

Figure 9 shows the percentage of deaths due to symptoms and ill-defined conditions in countries of the Region where this percentage was greater than 10. Countries exceeding this percentage in either 1970 or 1978 are shown.

Most countries in Figure 9 appear in both time periods. Some substantial reductions were observed, as in Venezuela, where the percentage dropped from 23 in 1970 to 14 in 1978. In 1978 Chile was added to the chart with a reported 11 per cent of deaths due to symptoms and ill-defined conditions versus 5.5 per cent in 1970.

The age distribution of deaths from all causes and from selected groups of causes by country and sex is given in Annex Table II-5a. The corresponding age-specific death rates and the crude and age-adjusted rates are shown in Annex Table II-5b. The five leading causes of death (according to ICD-8) in each country for the most recent data year available are given by

age group, sex, and country in Annex Tables II-6a-6g. Annex Tables II-7a-7g show the same data for ICD-9. Residual groups of diseases, as well as the group which consists of symptoms and ill-defined conditions were not considered in identifying the leading causes of death. Diseases of the heart were merged to produce a single cause group, and cerebrovascular diseases were left in a separate group. Both these groups ranked frequently among the five leading causes of death. Influenza and pneumonia formed a single group, as did all causes associated with accidents.

Obviously, the very nature of the groupings contributes to whether or not they are determined a "leading" cause of death. For example, while infectious diseases as a group continue to cause appreciable morbidity and mortality in Latin America, individual infectious diseases rarely appear among the first five causes. Nevertheless, the results of this ranking have in the past proved useful as a means of examining the relative importance of different groups of causes of death.

Figure 10 shows the percentage of deaths around 1978 due to the five leading causes of death. It illustrates, by subregion and sex, those cause groups which accounted for the greatest percentage of deaths among persons of all ages.

Diseases of the heart were the cause group accounting for the highest percentage of deaths among persons of either sex in all subregions except in Continental Middle America where accidents were the leading cause group among males and influenza and pneumonia among females.

Cerebrovascular diseases ranked third as a cause of death among women in three subregions and fourth

Table 15. Per cent coverage of civil registration of births and deaths, selected countries of Latin America, around 1979.

Country	Per cent coverage (a)		
	Total deaths	Infant deaths	Live births
Costa Rica	95	95	95
Dominican Republic	68	40	...
Ecuador	81	...	85
El Salvador	...	59	...
Guatemala	90	...	95
Honduras	56	31	89
Paraguay (b)	59	59	59
Peru	45	38	67

(a) Percentage of births and deaths registered. (b) Data refer to the Ministry of Public Health and Social Welfare.

Figure 9. Percentage of deaths<sup>a</sup> classified as due to symptoms and ill-defined conditions, including senility, 1970 and 1978.

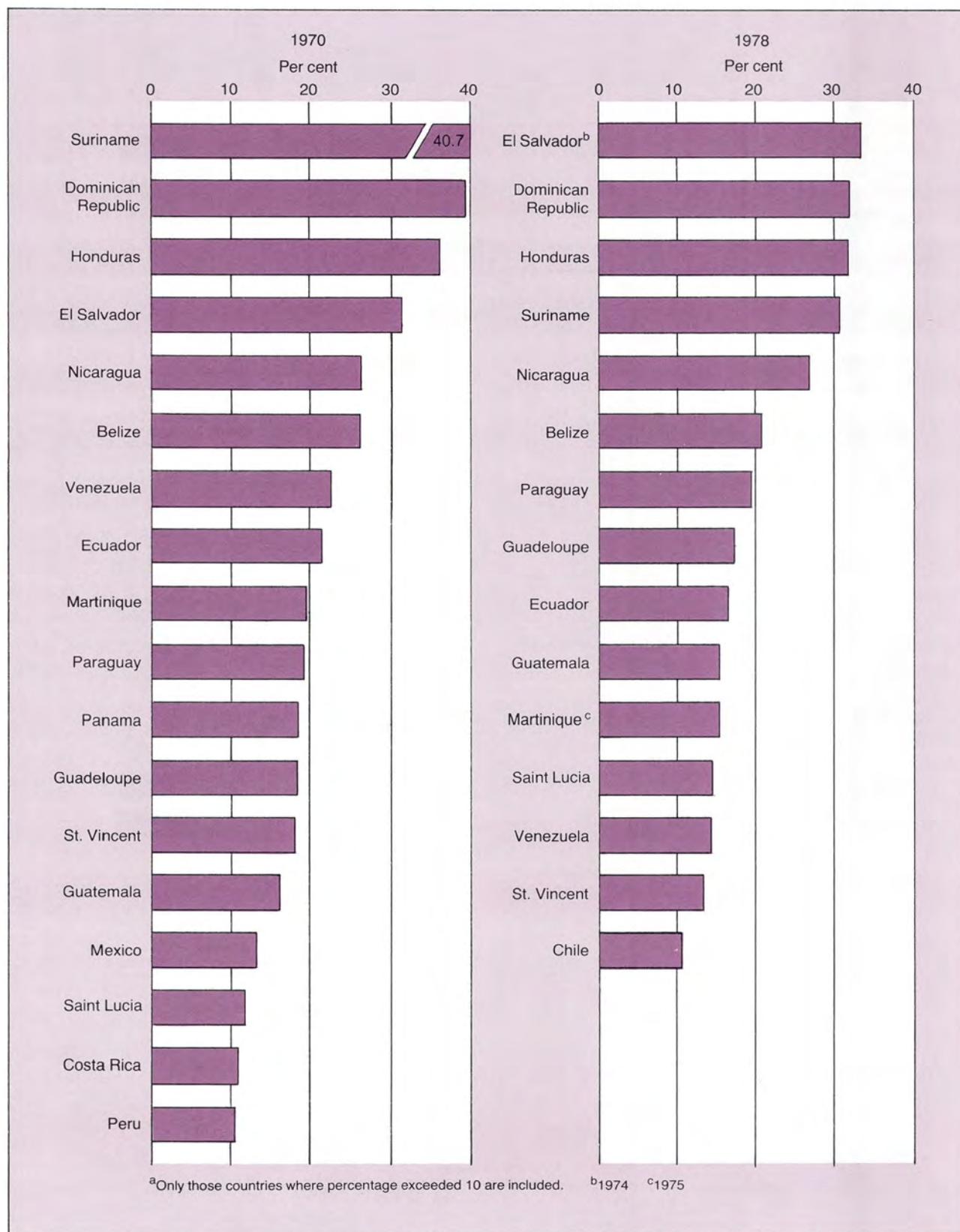
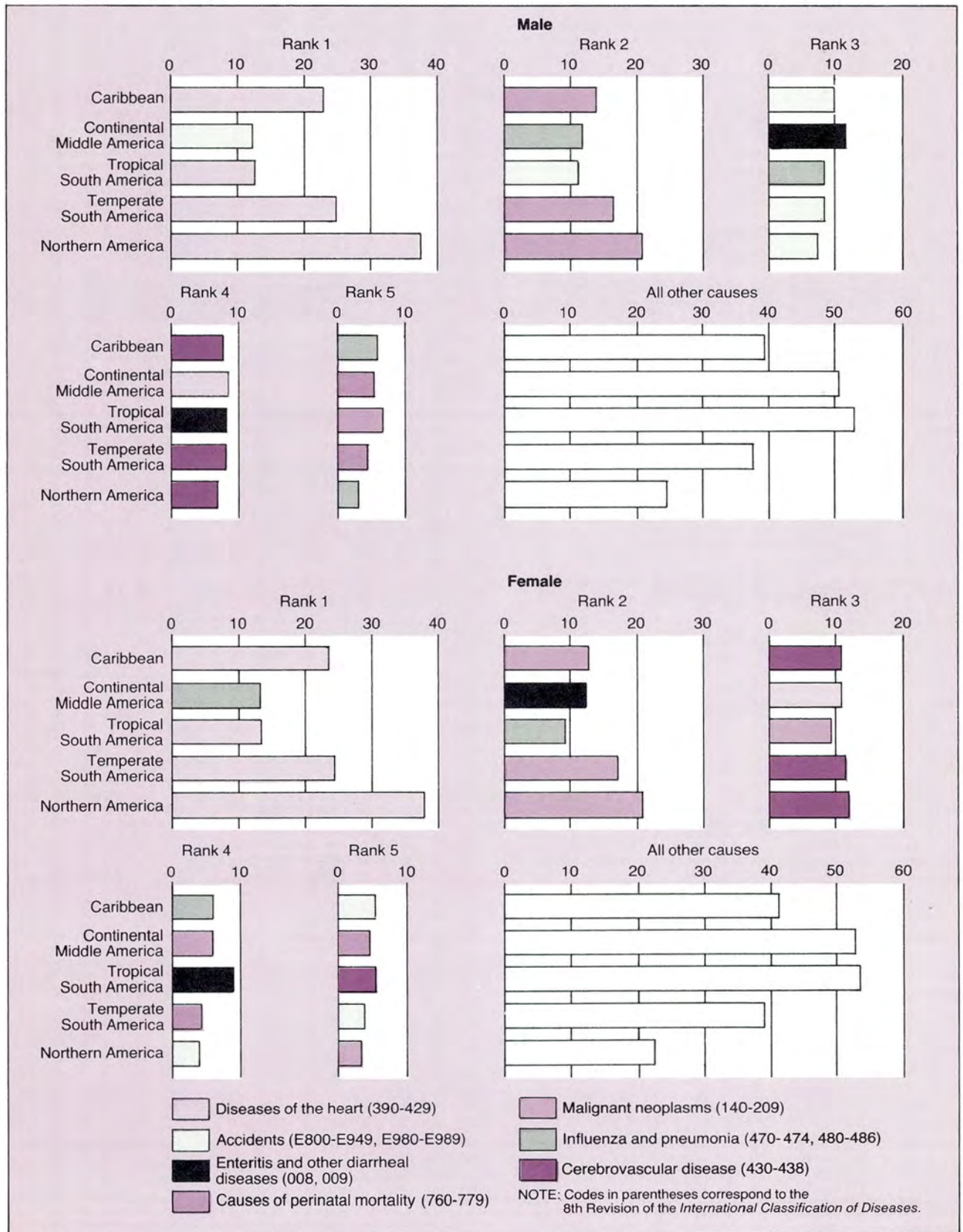


Figure 10. Percentage of deaths due to the five leading causes, by rank, subregion, and sex, around 1978.





among men in the same three subregions. This points to the tremendous importance of cardiovascular diseases in the Region.<sup>1</sup>

In three subregions, malignant neoplasms were the second leading group of causes of death among males and females. In the other two subregions that cause group ranked third and fourth among females, but only fifth among males in one of those two subregions; it ranked sixth among males in Continental Middle America.<sup>1</sup>

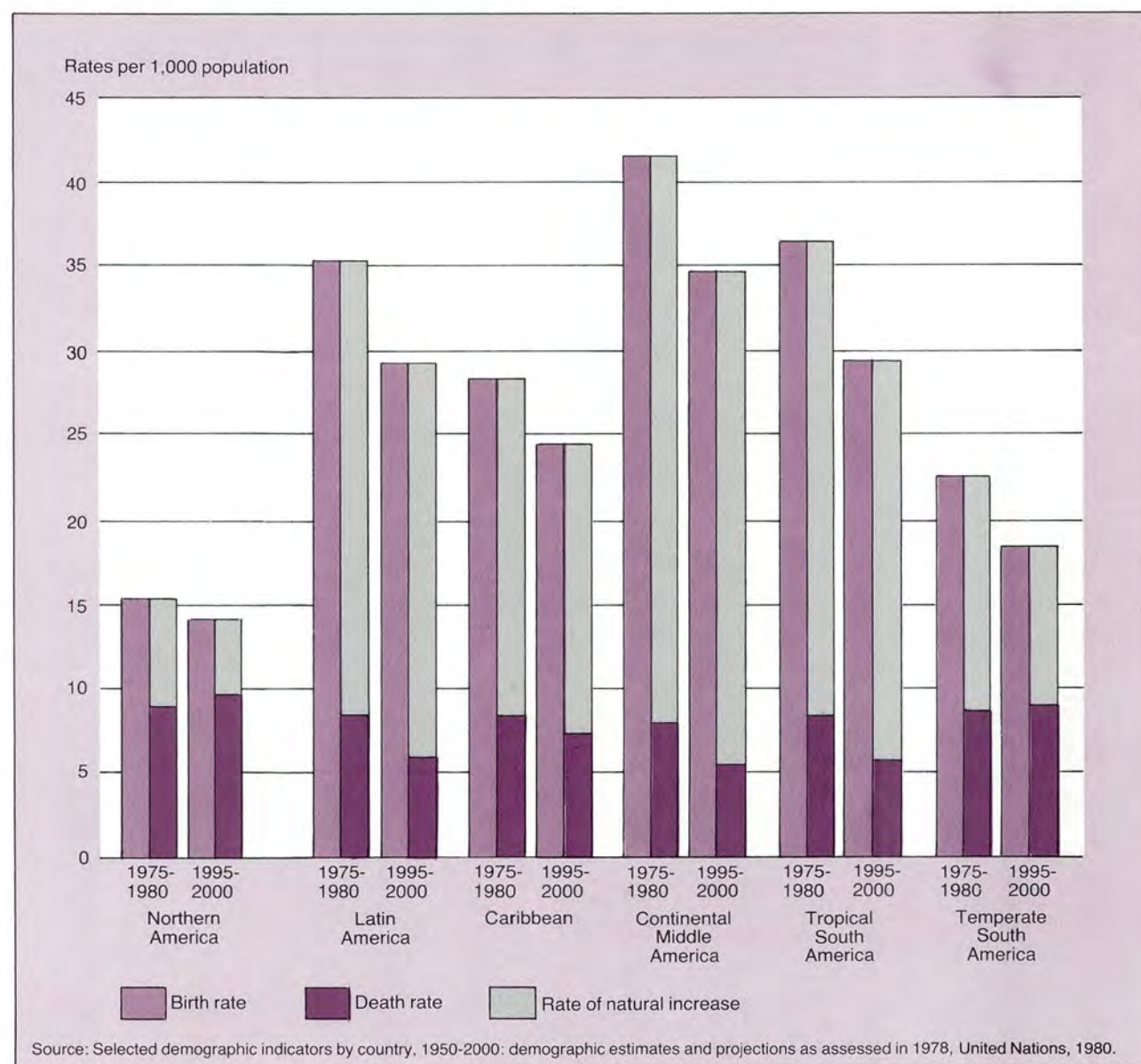
<sup>1</sup>For further discussion, see "Non-communicable Chronic Diseases," pp. 46-64.

Accidents, including motor vehicle and other accidents, are obviously of great importance as a cause of death among males, and ranked either first, second, or third in the five subregions of Latin America. In comparison, among females accidents ranked fourth or fifth in three of the subregions, accounting for around 4 to 5 per cent of deaths.<sup>2</sup>

The group of enteritis and other diarrheal diseases continues to be a major cause of death in Continental Middle America where it ranked third among males

<sup>2</sup>See also pp. 64-68, "Accidents, Suicides, and Homicides."

Figure 11. Birth rates, death rates, and rates of natural increase per 1,000 population, by subregion, 1975-1980 and 1995-2000.



and second among females; in Tropical South America it ranked fourth among both males and females.<sup>3</sup>

### Fertility

Annex Table II-8 shows the number of registered births and crude birth rates per 1,000 population by country for 1960 and 1970-1980. Subregional rates

<sup>3</sup>For greater details, see "Infants and Children," pp. 69-103.

are also shown, but care should be taken when comparing them over time because the rates were calculated on the basis of the countries with available data in each year. Therefore, the specific countries used in the calculation of a given subregional rate may vary. Although in many instances this may not affect the rate (when the missing data item refers to a small country or one whose population is not large), sometimes the missing countries have a substantial influence on a subregional rate. Hence, subregional rates for 1978, 1979, and 1980 should be used with extreme care, since data on very large countries were

Table 16. Number of live births and fertility rates per 1,000 women 15-49 years of age, by country, 1976-1979.

Country	1976		1977		1978		1979	
	Live births	Fertility rate	Live births	Fertility rate	Live births	Fertility rate	Live births	Fertility rate
Antigua	1 522	102.6	1 429	95.2	1 342	86.6	...	...
Argentina	656 768	104.1	661 222(a)	103.5	665 000	102.6	...	...
Bahamas	5 295	111.4	4 871	98.2	...	...	5 402	108.0
Barbados	4 504	74.1	4 482	71.5	4 327	66.3	4 289	67.9
Bermuda	856	60.0	809	56.6	745	48.4	...	...
Canada	359 987	61.3	361 400(a)	59.8	358 852	58.3	366 064	59.0
Cayman Islands	282	104.1	268	98.9	265	89.8	288	72.7
Chile	247 722	95.5	240 463	90.0	236 780	86.7	241 077	85.1
Colombia	731 163	126.6	806 492	135.7	...	...	...	...
Costa Rica	59 746	129.0	64 188	124.2	67 659	126.2	69 248	126.2
Cuba	187 555	86.6	168 960(a)	76.9	146 642(a)	66.1	142 396(a)	63.6
Dominica	1 758	118.5	1 745	111.5	1 735	109.1	...	...
Dominican Republic	167 989	157.1	187 861	170.5	185 861	163.8	186 896	159.9
Ecuador	274 961	171.5	275 692(a)	166.3	230 259	132.6	...	...
El Salvador	165 822	184.1	177 560(a)	190.8	172 897	181.8	174 183	179.4
Falkland Islands	36	85.7	35	83.3	26	61.9	14	33.3
French Guiana	...	...	1 463	115.5	1 500(b)	115.4	...	...
Grenada	2 712	123.8	2 628	120.0	2 521(a)	115.3	2 664(a)	121.1
Guadeloupe	6 926	95.4	6 320	89.0	5 645(a)	79.5	8 257	117.6
Guatemala	266 497	184.4	284 747(a)	191.0	283 853	184.6	296 348	187.2
Guyana	20 861	114.6	23 000	123.0	23 200	122.1	...	...
Honduras	132 793	188.9	145 637	201.2	145 711	197.7	157 481	207.5
Jamaica	61 675	137.8	60 423(a)	133.3	58 189	127.1	58 257(a)	124.7
Martinique	...	...	5 409	77.1	5 022	70.7	...	...
Mexico	2 156 430	157.9	2 278 233	160.8	2 277 708	154.9	...	...
Montserrat	206	91.5	...	...	192	96.0	238	119.0
Nicaragua	92 505	184.7	98 370	189.6	96 619	178.8	114 069(a)	191.6
Panama	55 263	149.5	52 722	139.3	53 040	136.1	52 648(a)	131.9
Paraguay (c)	29 501	88.4	31 850	91.4	33 000(b)	92.4	...	...
Peru	442 909	123.4	436 101(a)	116.5	450 000(a)	116.4	...	...
Puerto Rico	72 883	91.9	75 151	89.9	75 498	89.2	73 585	84.9
St. Kitts-Nevis & Anguilla (d)	1 135	118.4	1 210	125.0	1 059	128.4	...	...
Saint Lucia	4 095	183.4	4 116	169.0	4 140	169.9	3 732	156.2
St. Pierre and Miquelon	107	93.9	106	77.4	...	...	...	...
St. Vincent	...	...	3 152	167.8	3 204	156.0	3 510	144.4
Suriname	...	...	11 099	140.7	10 673	133.8	10 585	130.7
Trinidad and Tobago	27 149	103.1	27 094	98.8	29 111	104.8	...	...
Turks and Caicos Islands	...	...	...	...	210	173.6	289	240.8
United States	3 167 788	57.8	3 326 632	59.6	3 333 279	58.6	3 494 398	60.3
Uruguay	66 612	96.2	57 976	83.3	65 607	93.7	...	...
Venezuela	455 036	156.1	465 194	153.8	481 782	153.8	484 700(a)	149.4
Virgin Islands (UK)	255(b)	89.6	210	83.3	196	81.7	...	...
Virgin Islands (US)	2 530	102.7	2 513	97.5	2 579 (a)	95.7	...	...

a) Provisional data. (b) PAHO estimate. (c) Reporting area. (d) Excludes Anguilla.

not available for inclusion in the rate calculations for Continental Middle and South America.

The subregional rate for Northern America decreased gradually throughout the first half of the 1970 decade from 18.2 per 1,000 population in 1970 to 14.7 in 1975 and 1976; then in 1979 it climbed to 15.6. In Continental Middle America a decreasing trend was evident during the second half of the 1970s. After remaining steady at around 40 up to mid decade, the rate dropped to around 33 in 1978.

The rate for South America is flawed by lack of data for Brazil and Bolivia. In addition, there are no data for Argentina in 1975 or 1979, and Colombia in 1978 or 1979; the data for Paraguay refer to the reporting area only; and quite a few other substantially large countries have not yet provided their 1979 data. Taking this into account, only limited comments can be made about the apparently steady rate of around 29 throughout the 1970s, led by rates in the mid 20s in the countries of Temperate South America.

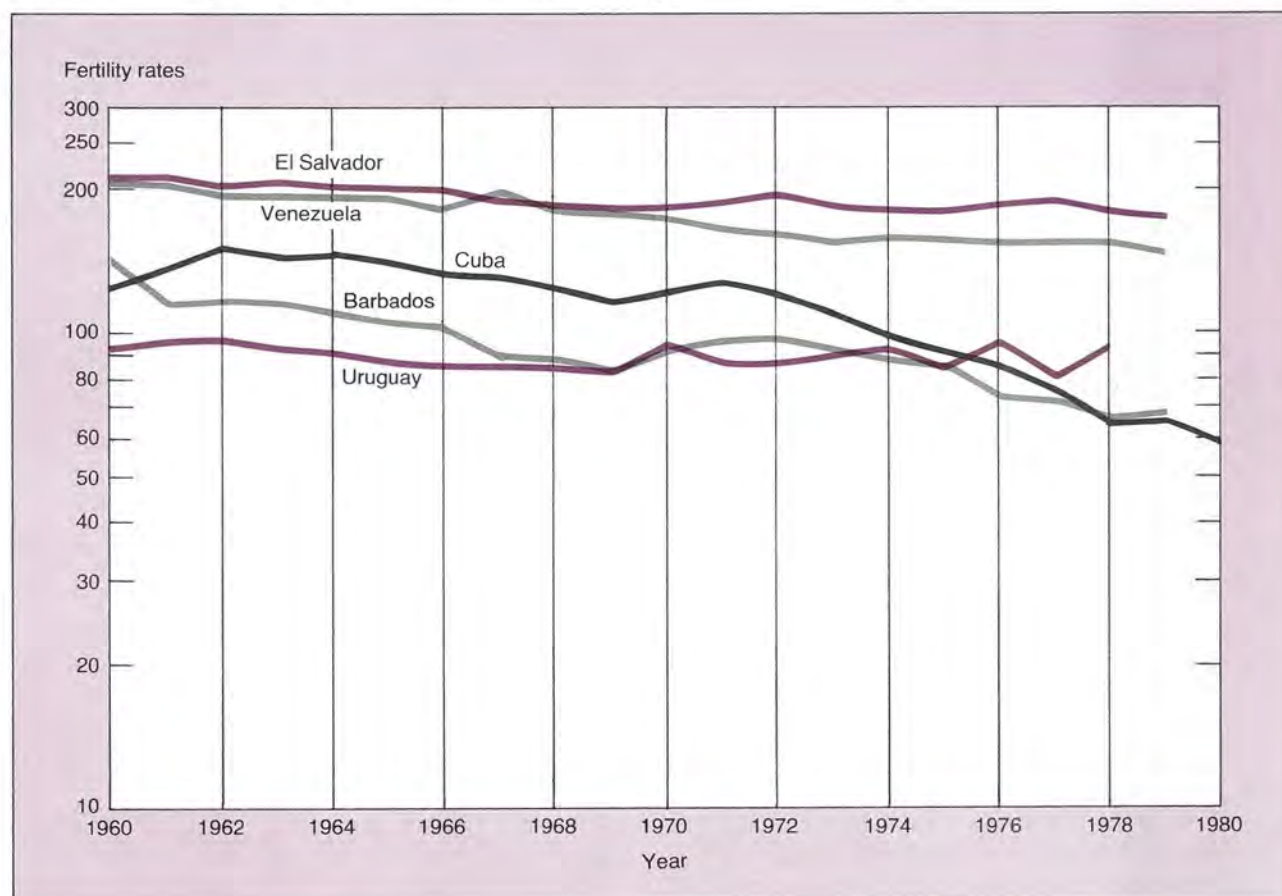
While the rates for Northern America closely

reflect those observed in both Canada and the United States, the subregional rates for Continental Middle and South America summarize a tremendous diversity among countries. Figure 11 illustrates the downward trend in the birth rates and the death rates in all subregions.

Inasmuch as birth rates are directly affected by the age and sex composition of the population, fertility rates provide what may be a more meaningful indicator on which to base comparisons among countries. Table 16 shows the number of live births and the fertility rates per 1,000 women aged 15–49, by country, for the four-year period 1976–1979. The countries of Continental Middle America experienced the highest rates during the period, as did several Caribbean islands and countries of Tropical South America. Nevertheless, few had rates as high as 200 and most registered rates under 150. A decreasing trend was seen in almost all countries.

Figure 12 shows fertility rates in five countries of the Region of the Americas over the last two decades.

Figure 12. Fertility rates per 1,000 women 15–49 years of age, in selected countries, 1960–1980.





Each of the five trend lines is quite different from all the others and illustrates the wide variations among countries of the Region.

## SPECIFIC HEALTH PROBLEMS

This section contains short summaries of selected health problems which affect the total population. Chapter III deals with health problems which affect specific population groups. Both mortality and morbidity data are used in these summaries. Additional mortality data are provided in Annex Tables II-1 through II-7. The number of cases with rates per 100,000 population for the period 1977-1980 for 12 communicable diseases appears in Annex II-9. The completeness and coverage of the information vary according to disease and country. Regional totals for each disease are based on those countries from which PAHO received data appearing in the specific table. Regional trends shown in the figures may differ slightly from these Regional totals since the former may be based only on those countries for which data are available throughout the given time period covered by the figure.

The Ten-Year Health Plan for the Americas included goals related to the reduction of mortality or morbidity in selected health problem areas. These goals are quoted here and an attempt is then made to evaluate the extent to which they have been attained in the Region.

### Diseases Subject to the International Health Regulations (Smallpox, Cholera, Plague, and Yellow Fever)

#### Smallpox

##### *Goal of the Ten-Year Health Plan*

- Maintain morbidity due to smallpox at zero.

The last case of smallpox in the Region was reported in 1971 in Brazil. WHO confirmed the eradication of smallpox in the Region in 1973 and in 1980 declared the global eradication of the disease. The goal of the Ten-Year Health Plan was reached.

#### Cholera

Cholera has become a matter of growing concern to public health officials in the Region. The first en-

dogenous case of cholera in this century was identified in 1973 in Port La Vaca, Texas, on the coast of the Gulf of Mexico in the United States. This case emphasized the need for increased surveillance throughout the Region. No more cases were identified until 1978 when a small outbreak of eight cases occurred in southwestern Louisiana, at some distance from the 1973 case. Epidemiological investigation of the 1978 outbreak identified an additional three carriers closely associated with the eight cases. These eight clinical cases and three subclinical or asymptomatic infections resulted from eating cholera-infected crabs taken from local waters. Prompt identification of the outbreak and subsequent implementation of control measures probably prevented the occurrence of additional cases.

In addition to these endogenous cases there were four imported cases reported by Canada: one in 1977 and three in 1980. The United States reported 13 imported cases during this period: two in 1977, one in 1979, and 10 in 1980. All were identified in individuals arriving from Asia. One case reported by the United States in 1978 was associated with a laboratory infection.

Figure 13. Plague occurrence in Bolivia, 1968-1973 and 1973-1981.



## Plague

Sporadic cases of plague and numerous small outbreaks attest to the persistence of the disease in the Region. Wild rodent foci of plague in northeastern Brazil, the Andean region (Bolivia, Ecuador, Peru), and the western part of the United States continued to produce occasional cases. Figures 13 to 17 indicate an apparently decreasing geographic distribution of plague in the persistent foci of Bolivia, Brazil, Ecuador, Peru, and the United States, the only countries reporting human cases since 1963.

In the period 1977–1980 a total of 300 human cases of plague were reported from five countries of the Region (Table 17). This number is 74 per cent below that for the period 1973–1976, when 1,173 cases were reported.

An increase in the number of notified cases was observed, particularly in South America, where 124 cases were reported in 1980, compared with 11 cases in 1979. This increase is more than likely due to changes in diagnostic criteria in Brazil, where 98 cases

were reported in the northeastern States of Bahia, Ceará, and Pernambuco. Only one case was reported between 1977 and 1979.

Ecuador reported no cases between 1977 and 1980. This observation does not necessarily indicate that enzootic plague has been eradicated in the country. It may only indicate a quiescent focus or problems in identifying and recording human cases in rural areas.

In 1978 Peru reported six human cases of plague, which occurred in the Department of Piura. No cases were reported in 1977, 1979, or 1980. This was the lowest number of cases reported compared with the period 1973–1976, when 42 cases were reported and 1969–1972, when 276 cases were recorded.

The Department of La Paz, Bolivia, reported 26 cases between September and November 1980 in the localities of Mohima (20 cases), and Culata (six cases) in Franz Tamayo Province; a high infestation rate of the human flea associated with plague was found in inhabitants of these areas. Between 1977 and 1980, Bolivia reported 45 per cent of the cases occurring in the Region.

Figure 14. Plague occurrence in Brazil, 1968–1973 and 1973–1981.



Figure 15. Plague occurrence in Ecuador, 1968–1973 and 1973–1981.





Figure 16. Plague occurrence in Peru, 1968-1973 and 1973-1981.



Figure 17. Plague occurrence in the United States, 1968-1973 and 1973-1981.



Table 17. Reported cases of human plague, by country, 1971-1980.

Country	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
Bolivia	19	-	-	14	2	24	29	68	11	26
Brazil	146	169	152	291	496	97	1	-	-	98
Ecuador	27	9	1	-	-	8	-	-	-	-
Peru	22	118	30	8	3	1	-	6	-	-
United States	2	1	2	8	20	16	18	12	13	18
Total	216	297	185	321	521	146	48	86	24	142

In the United States 61 cases were reported between 1977 and 1980, an increase of 15 cases from 1973 to 1976. From 1970 through 1980, plague among rodents and carnivores was documented in 12 western states: Arizona, California, Colorado, Idaho, Montana, Nevada, New Mexico, Oregon, Texas, Utah, Washington, and Wyoming. Human plague cases were reported from eight of these states. New Mexico

and Arizona continue to be important foci for human cases, accounting for 72 per cent of reported cases of human plague between 1970 and 1980. This distribution is possibly due to the exposure of American Indian populations to plague foci through hunting and food-gathering activities and to increases in the non-Indian population and their building residential areas in previously uninhabited areas of enzootic plague.

## Yellow Fever

### Goal of the Ten-Year Health Plan

- Reduce to a minimum the morbidity and mortality caused by jungle yellow fever.

In the 1977–1980 period, 654 cases of jungle yellow fever were reported in the Region. This was an increase of 154 cases over the 1973–1976 period and the highest registered for the past four-year periods beginning in 1965 (Table 18). Reported cases increased in Colombia, Peru, Ecuador, and Venezuela and appeared for the first time since 1959 in Trinidad. Figure 18 shows reported cases of yellow fever in 1980 by major political subdivisions of each country.

It is thought that yellow fever is transmitted through a number of vectors with monkeys serving as reservoirs. However, recent yellow fever cases in Colombia have appeared where there were no apparent known vectors or reservoirs. Cases of jungle yellow fever are associated primarily with man invading the vectors' jungle habitat. Recently a vector was found in urban areas close to forests and its larvae were found coexisting with those of the urban yellow fever vector—the *Aedes aegypti* mosquito.

Yellow fever vaccination programs are the preferred method for controlling jungle yellow fever. Vector control is not ordinarily used against the jungle vector but in *A. aegypti*-infested areas near

Figure 18. Reported cases of jungle yellow fever by major political division of each country, 1980.



Table 18. Reported cases of yellow fever, by country, 1965–1980.

Country	1965–1968	1969–1972	1973	1974	1975	1976	1977	1978	1979	1980
Argentina	54	-	-	-	-	-	-	-	-	-
Bolivia	115	27	86	12	151	19	2	11	10	46
Brazil	185	29	70	13	1	1	9	27	12	26
Colombia	21	26	16	36	12	22	9	104	51	11
Ecuador	1	-	-	-	3	1	-	1	14	2
Guyana	1	-	-	-	-	-	-	-	-	-
Panama	-	-	-	4	-	-	-	-	-	-
Paraguay	-	-	-	9	-	-	-	-	-	-
Peru	62	110	33	2	1	1	82	82	97	30
Suriname	1	3	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	18	-
Venezuela	10	22	7	-	-	-	-	3	3	4

places where jungle yellow fever cases have been reported, control of that vector has been implemented.

An epidemic in Trinidad began in the southern forest in November 1978. The first human case was reported in January 1979, and the last known case was notified on 9 March 1979. There was a total of 18 human cases with seven deaths.

Peru reported the highest number of cases for the period (291), a decided increase from the 37 cases reported for 1973–1976. The Department of Junín was the most affected, but the Departments of Huánuco, Madre de Dios, San Martín, Ayacucho, Puno, and Loreto also reported cases. The number of these cases decreased from 97 in 1979 to 30 in 1980.

Between 1977 and 1980 Colombia reported 175 cases compared to 86 during 1973–1976. In May–June 1978 an epidemic with 28 deaths occurred in the Tarra River region. In 1979 the epidemic moved northward toward the foothills of the Sierra Nevada de Santa Marta and another epidemic occurred near Cúcuta among farmers who had no contact with forests. The possibility of unknown reservoirs and vectors draws attention to the seriousness of this epidemic. Cases also occurred in areas where yellow fever had never been previously reported. *A. aegypti* appears to be spreading and has been reported in elevations above 2,000 m. The possibility of this vector's involvement in rural and urban areas has greatly increased the danger of the appearance of the urban form of the disease.

Ecuador reported 17 cases during 1977–1980, with most cases appearing in 1979 (13 in Zamora Chinchipe Province near the Peruvian border and one in Napa Province). Only two cases, both from Napa, were reported in 1980.

There was a decrease in reported cases in Bolivia and Brazil. However, in 1979 cases were reported near the city of La Paz and the discovery of an *A. aegypti* focus in Santa Cruz and two neighboring localities resulted in compulsory yellow fever vaccination of all persons entering known jungle yellow fever areas. An intensive *A. aegypti* control program was initiated in Santa Cruz. In 1976 Brazil was reinfested with *A. aegypti* and despite an intensive eradication campaign foci persisted and the distribution became more widespread (12 cases in 1979 and 26 in 1980).

Venezuela reported 10 cases during the period; four were registered in 1980, one in the State of Sucre and three in the State of Mérida. This wide distribution points to the continuing potential for occurrence of cases.

Although the Ten-Year Health Plan goal was to reduce to a minimum the morbidity and mortality caused by jungle yellow fever, the number of cases

rose at the end of the decade. This may have been due to the increasing migration to and settling of jungle areas. The threat of a spill-over of virus activity into *A. aegypti* areas cannot be taken lightly. To accomplish the goal, greater emphasis should be placed on vaccinating individuals associated with vector-infested areas. In addition, the capacity to implement prompt urban *A. aegypti* control should be improved.

## Parasitic Diseases (Malaria, Chagas' Disease, Leishmaniasis, and Schistosomiasis)

### Malaria

Annex Table II-9e shows the reported cases of malaria in the Americas during the period 1977–1980. The total number of cases reported increased from around 344,000 in 1970 to 358,000 in 1975, then increased again to around 538,000 in 1980.

Table 19 gives the reported number of cases with the percentage of change from 1970 to 1980 by subregion. The figures show an increase of 35 per cent in Continental Middle America and 87 per cent in Tropical South America. Ecuador, Mexico, Panama, Paraguay, and Venezuela succeeded in reducing the number of cases between 1970 and 1980. In the period between 1977 and 1980, large increases were reported in Belize, Bolivia, Brazil, El Salvador, Guatemala, Guyana, Nicaragua, and Suriname.

Bolivia, Colombia, El Salvador, Guatemala, Haiti, Honduras, Nicaragua, and Peru accounted for over one-half the cases notified in the Region in 1980. Endemicity in some of these areas was high and the attack measures employed were insufficient or ineffective for containing the deteriorating trend observed since 1975. Argentina, Costa Rica, Panama, and Paraguay carried out effective surveillance activities which eliminated transmission foci. Brazil made significant progress in its south and midwest, but experienced serious outbreaks in the Amazon Basin. In Mexico the situation stabilized, while in Suriname the bank of the Suriname River was reinfested.

The number of malaria deaths reported in the Region decreased since 1970 from about 1,000 to 200 around 1979, the last year with mortality data available for most countries. In 1977 Colombia reported 808 deaths and Guatemala 787, the largest numbers of deaths reported in recent years.

*Eradication program.* An estimated 231.3 million people in the Region live in originally malarious areas. Of these, 114.6 million (49.5 per cent) are in

Table 19. Reported cases of malaria with percentage change, by subregion, 1970 to 1980.

Subregion	1970	1980	Per cent change
Northern America	3 056	2 675	-13
Caribbean	10 862	13 061	20
Continental Middle America	186 059	251 292	35
Temperate South America	84	341	306
Tropical South America	144 724	270 579	87

the maintenance phase and 58.1 million (25.1 per cent) in the consolidation phase. Only one-quarter of the population (58.6 million) is still in attack areas, where the risk of contracting malaria persists. Some 60 per cent of the original 15.7 million km<sup>2</sup> malarious area is still in the attack phase.

In 1978, the XX Pan American Sanitary Conference reaffirmed eradication as the aim of the malaria program in the Americas.<sup>4</sup> The XXVII Meeting of the Directing Council<sup>5</sup> requested the Governments to analyze and strengthen the national malaria plans and in 1979 the Third Meeting of Directors of National Malaria Eradication Services of the Americas (Oaxtepec, Mexico)<sup>6</sup> drew up a hemispheric plan of action against malaria.

With regard to strategy monitoring and evaluation in light of the Plan of Action for achieving health for all by the year 2000, the areas of action comprise basically the review, reformulation, and implementation of national malaria programs.

The chief goals of this program are to: (1) implement antimalaria activities in close coordination with primary health care actions and environmental health control; (2) promote community participation in antimalaria programs; (3) train community health agents and other health personnel at all levels; (4) promote and support basic and applied research in coordination with the WHO special programs on immunology, chemotherapy, and control methodology; (5) establish information systems for program supervision and evaluation; (6) develop subregional surveillance networks to improve intercountry coopera-

tion; and (7) evaluate the efficacy of the antimalaria measures undertaken.

Programs aimed at achieving these goals include aspects related to vector resistance, living conditions, and immigration. The development of physiologic resistance by the *Anopheles albimanus* vector in Continental Middle America is one of the most serious control and eradication problems and efforts are underway to develop a control methodology appropriate to the circumstances. Population movements and primitive living conditions of migrant populations (particularly in areas currently under settlement or development) can be factors that affect malaria transmission and control in endemic areas; the movements of migrant workers can also aggravate the problem of insecticide-resistant vectors.

### Chagas' Disease

Chagas' disease is distributed in rural areas from Mexico to northern Argentina, wherever the ecological conditions allow the vectors to come in contact with the human population; it usually evolves into acute and chronic stages. The acute stage occurs more often in children and lasts from one to three months. The chronic stage is manifested from 10 to 15 years after infection, and is characterized by slow-developing heart damage. There is an asymptomatic or latent period between both stages, which is evidenced only by transient parasitic infestation and serologic reactivity of the affected patient.

In 1974 WHO estimated that out of 50 million exposed, a total of 10 million persons were infected with the Chagas' disease parasite, *Trypanosoma cruzi*.

Table 20 shows the number of reported cases of

<sup>4</sup>Resolution XVIII. PAHO Official Document 162 (1978), 67-68.

<sup>5</sup>Resolution XIII. PAHO Official Document 174 (1981), 71-72.

<sup>6</sup>The proceedings were published in Spanish in Scientific Publication 405, 1981.

Table 20. Reported cases of Chagas' disease with rates per 100,000 population, by country, 1977-1980.

Country	Cases				Rates			
	1977	1978	1979	1980	1977	1978	1979	1980
Argentina (a)	10 176	6 758	6 740	...	39.1	25.6	25.2	...
Bolivia	164	262	220	...	3.2	5.0	4.1	...
Guatemala	...	17	-	5	...	0.2	-	0.1
Mexico	5	3	-	...	0.0	0.0	-	...
Panama	60	61	...	...	3.5	3.5	...	...
Paraguay (b)	8	3	-	-	0.5	0.2	-	-
Peru (b)	6	10	10	19	0.1	0.1	0.1	0.1
Uruguay (a)	4	100	...	...	0.1	3.5	...	...
Venezuela (a, b)	629	593	...	...	6.2	5.8	...	...

(a) Countries with Chagas' disease control programs. (b) Reporting area.

Table 21. Seroreactivity to Chagas' disease parasite by age group, for two survey periods, Venezuela.

Age group (in years)	1959-1968			1980-1981		
	Number examined	Number reactive	Per cent	Number examined	Number reactive	Per cent
0 - 9	1 337	274	20.5	3 233	41	1.3
10 - 19	3 793	1 076	28.4	3 547	83	2.3
20 - 29	1 860	911	49.0	1 474	212	14.4
30 - 39	1 676	1 045	62.4	950	270	28.4
40 - 49	1 351	892	66.0	727	279	38.4
50 +	1 235	803	65.0	1 301	591	45.4
All ages	11 252	5 001	44.4	11 231	1 476	13.1

Note: Data obtained from the Division of Rural Endemics, Malariology and Environmental Sanitation, Ministry of Health and Social Welfare, Venezuela.

Chagas' disease with rates per 100,000 population for countries providing information for the period 1977-1980; the largest number of cases was reported by Argentina and Venezuela. The importance of the disease as a public health problem is still not known in

most countries since notification of the disease is not compulsory and there are no reliable morbidity data.

The goal of the Ten-Year Health Plan was to promote epidemiological studies to assess the magnitude of the problem and reduce the transmission of the in-



fection. In Argentina, Brazil, Chile, Uruguay, and Venezuela the disease has been studied more thoroughly, and control activities of the vector are underway.

In these countries entomologic and serologic evaluations have provided evidence as to the interruption of transmission in areas treated with insecticides. In Venezuela, percentages of adults and children reactive to *T. cruzi* antigen dropped significantly in population samples surveyed in several states in 1980–1981, in contrast to surveys in 1959–1968 when the control program started (Table 21). In the remaining Latin American countries efforts are still directed at distribution and frequency studies.

The strategy to attain the goal of health for all by the year 2000 in this field consists of supporting epidemiological studies to identify the areas under severe risk of transmission of Chagas' disease and establishing integrated control programs mainly through primary health care activities.

### *Leishmaniasis*

The number of reported cases of all forms of leishmaniasis with rates per 100,000 population is shown in Table 22 for countries providing information in the 1977–1980 period.

The cutaneous form of the disease is manifested by chronic ulcerous skin lesions with a tendency to spontaneous cure; the exception is the diffuse form which tends to recur and resist treatment. The mucocutaneous form causes destructive lesions in the nose and pharynx. The visceral form, characterized by fever, hepatosplenomegaly, lymphadenopathy, anemia, emaciation, and leukopenia, causes high mortality in small children.

The cutaneous and mucocutaneous forms represent the great majority of reported cases. However, data in Table 22 do not show the total prevalence of the disease. The largest number of cases were reported in Costa Rica and Peru. The disease is also endemic in Bolivia, Colombia, Honduras, and Nicaragua, but no information was available for the period.

### *Schistosomiasis*

Schistosomiasis ranked second only to malaria as the major parasitic disease of the tropics.

Precise information on the prevalence of the disease in the Region was not available. Table 23 shows the annual number of reported cases and the rate per 100,000 population, by country. The cases notified from Cuba and Guatemala probably

Table 22. Reported cases of leishmaniasis with rates per 100,000 population by country, 1977–1980.

Country	Cases				Rates			
	1977	1978	1979	1980	1977	1978	1979	1980
Argentina	83	179	84	...	0.3	0.7	0.3	...
Costa Rica	1 171	1 821	1 366	1 359	56.6	85.9	62.9	60.5
Ecuador	-	10	...	104	-	0.1	...	1.2
Guatemala	...	135	-	86	...	2.0	-	1.2
Mexico	3	23	35	...	0.0	0.0	0.1	...
Nicaragua	-	-	-	493	-	-	-	18.2
Panama	222	360	...	...	13.1	20.6	...	...
Paraguay (a)	8	96	79	120	0.5	5.8	4.6	6.8
Peru (a)	1 464	1 488	1 282	1 553	14.1	13.5	11.3	13.4
Venezuela (a)	196	211	...	...	1.9	2.1	...	...

(a) Reporting area.

Table 23. Reported cases of schistosomiasis with rates per 100,000 population, by country, 1977-1980.

Country	Cases				Rates			
	1977	1978	1979	1980	1977	1978	1979	1980
Antigua	-	-	-	2	-	-	-	2.7
Cuba	126	10	...	...	1.3	1.0	...	...
Dominican Republic	90	...	32	...	1.8	...	0.6	...
Guatemala	...	6	-	12	...	0.1	-	0.2
Montserrat	...	3	3	-	...	27.3	27.3	-
Puerto Rico	8	6	6	7	0.2	0.2	0.2	0.2
Saint Lucia	249	159	24	39	207.5	132.5	20.3	32.5
Suriname	903	1 634	946	1 500	244.1	436.9	248.3	384.6
Venezuela (a)	40	28	...	...	0.4	0.3	...	...

(a) Reporting area.

represented imported cases since no local transmission was reported in either country. The disease declined in Puerto Rico and Saint Lucia, and a few cases were reported recently in the Caribbean island of Montserrat.

PAHO activities, in cooperation with the UNDP/World Bank/WHO Special Program for Research and Training in Tropical Diseases, are designed to support the epidemiological studies of the disease, train laboratory and field personnel, and promote surveillance activities. These are being carried out (especially in Brazil and Suriname) in an effort to interrupt transmission of the disease.

## Other Communicable Diseases

### Dengue

Although dengue epidemics occurred frequently in the Region, the pandemic of dengue serotype 1 which began in Jamaica in 1977 ushered in a period of extreme dengue activity. This increase has not finished, since 1981 saw the introduction of dengue serotype 4 into the Caribbean and the first epidemic of dengue hemorrhagic fever in the Region. The latter occurred in Cuba from May to October 1981, with dengue serotype 2 isolated as the virus.

The dengue epidemic spread rapidly in 1977

throughout the Caribbean as students left the University of the West Indies in Jamaica for their homes. Virtually every island soon reported epidemics because the virus was transmitted from man to the *A. aegypti* mosquito to man. Although a surveillance system and vector control measures were used in many countries, the spread of the epidemic continued. By February 1978, cases were reported from Roatán Island, Honduras. Dengue soon reached San Pedro Sula and continued westward into the Pacific coastal area of El Salvador, Honduras, and Guatemala. By late 1978 the epidemic had reached both southeastern and southwestern Mexico and in 1979 moved northward along the Pan American Highway and reached Tampico in November. In June 1980 cases were reported in Texas along the Mexico-U.S. border. In September 1980 the U.S. reported the first transmission of dengue into the continental territory since 1945. A total of 48 cases were reported from Texas, with the last case occurring in November 1980.

Countries in northern South America suffered from dengue epidemics from 1978 to 1981; Colombia was especially affected. Cases were reported also from Venezuela, Guyana, French Guiana, and Suriname. The number of cases from countries providing information was about 500,000 for 1977, 125,000 for 1978, 42,000 for 1979, 32,600 for 1980, and 350,000 for 1981. Table 24 shows the reported cases from selected countries for the period 1977 to 1981.

Although the dengue serotype 1 activity was significant, other serotypes were active between 1977 and

Table 24. Reported cases of dengue, selected countries, 1977-1981.

Country	1977	1978	1979	1980	1981
Colombia	...	15 945	12 134	9 894	...
Cuba	477 440	75 694	1 497(a)	169(a)	344 203
El Salvador	...	16 869	23 146	1 651	5 170
Honduras	-	1 953	1 753	1 099	1 612
Jamaica	11 900	4	25	9	49
Trinidad and Tobago	8	343	38	-	15(4i)

(a) Provisional data. (i) Imported cases.

1981. The serotype 3 epidemic in Colombia subsided in 1977. A major dengue outbreak, mainly associated with serotypes 2 and 3, occurred in Puerto Rico from July to December 1977 and reached its apex in September. There was also an epidemic of dengue serotype 2 in French Guiana in 1977.

Although dengue hemorrhagic fever as defined by WHO did not occur during the dengue serotype 1 pandemic, deaths due to a hemorrhagic disease thought to be related to dengue were reported from Haiti, Honduras, Jamaica, and Puerto Rico. As a result of these deaths and the rapid spread of a new dengue serotype in the Region an interest developed in improving surveillance and vector control. However, *A. aegypti* continued its relentless spread and certain areas of Brazil and Bolivia became reinfested. Surveillance indicated repeated reinvasions into limited areas of Ecuador, Cayman Islands, Panama, and other *A. aegypti*-free areas. Only by a continual surveillance program linked to intensive control measures will these reinvasions be contained and reinfestation eliminated.

The cost of dengue epidemics was an additional concern, with Puerto Rico estimating that, excluding losses from tourism, the 1977 epidemic cost between US\$6 and 15.6 million. Unfortunately, the inflation begun in 1973 continued and countries were caught between a potential dengue epidemic and other health priorities.

The Ten-Year Health Plan proposed the eradication of *A. aegypti*. The appearance of dengue hemorrhagic fever in 1981 in Cuba and the introduction of dengue serotype 1 in 1977 and dengue serotype 4 in 1981 underscored the validity of the Plan. Financial constraints and other health priorities, however, call for a reevaluation of the dengue problem, which is

now in progress throughout the areas of potential and real *A. aegypti* distribution.

### *Louse-borne Typhus*

Louse-borne typhus continued to be reported only in some well-defined geographic areas of three Andean countries of South America (Bolivia, Ecuador, and Peru), where the disease has long been endemic (Table 25). A small number of cases was notified every year from Guatemala where typhus has been on the decline for many years in the mountainous regions. No data on typhus cases were received from Mexico since 1969.

The cases reported by Canada, Chile, and Costa Rica probably reflect no significant endemic problem, but were most likely contracted elsewhere.

### *Louse-borne Relapsing Fever*

In the past louse-borne relapsing fever occurred sporadically in the Region and was reported during 1977 through 1980 by Guatemala and Ecuador. Guatemala had 71 cases in 1977, 25 in 1978, 3 in 1979, and 10 in 1980. Ecuador reported only one case in 1980. Louse-borne relapsing fever had been notified previously in the Mexican States of Hidalgo and Guerrero in 1974, in Bolivia in 1971, and in Peru in 1966.

### *Hepatitis*

Hepatitis in its A, B, and non-A and non-B forms is widely distributed throughout the Region although



Table 25. Reported cases of louse-borne typhus, by country for 1965, 1970, 1975, and 1977-1980.

Country	1965	1970	1975	1977	1978	1979	1980
Bolivia	126	25	83	28	8	2	1
Canada	-	-	1	1	-	...	...
Chile	11	-	-	-	-	-	2
Costa Rica	-	-	-	-	-	-	1
Ecuador	189	59	16	59	19	27	16
Guatemala	-	34	-	6	4	9	2
Peru (a)	101	23	-	66	14	42	73
Total	427	141	100	160	45	80	95

(a) Reporting area.

its precise incidence is hard to determine due to the lack of adequate surveillance, plus lack of laboratory support and the unavailability of techniques for the diagnosis of non-A and non-B forms. In both Northern America and the rest of the Region type A is the most frequent form, although in the United States hepatitis A is showing a tendency to decline.

Although the cases notified in most countries were not confirmed by laboratory diagnoses, it can be assumed that infectious hepatitis was present in many geographic areas of the Region (Annex Table II-9c). In the Caribbean the number of reported cases per 100,000 population rose from 55.7 to 82.9 during the period 1970-1980. In 1980 the rate reported for Temperate South America was 62.5, 40.2 for Tropical South America, 24.4 for Northern America, and 13.7 for Continental Middle America. The countries with the highest number of reported hepatitis case rates in 1980 were Cuba, Argentina, Costa Rica, and Nicaragua, in that order. The most frequent transmission path is oral-intestinal, with the infection occurring especially when certain sanitation and overcrowding conditions exist in the home. The disease has specific seasonal patterns, associated with the rainy season when the risk of fecal contamination of water and food is greatest.

Transmission of hepatitis B is associated with blood transfusions or accidental inoculation of blood during surgery or dental work, intravenous injection of drugs, non-needle percutaneous inoculation, or laboratory accidents. The slight increase in cases of hepatitis B in the United States is associated with improved diagnosis of the disease.

It is estimated that in the majority of countries about one-half of the clinical cases occur in children under age 15.

Mortality from this disease in the Region was highest in St. Vincent, Suriname, Guadeloupe, Jamaica, Guyana, Peru, Dominican Republic, Mexico, Chile, Costa Rica, Panama, Paraguay, Belize, Colombia, Guatemala, and Trinidad and Tobago, in that order. The rates ranged from 2.6 to 0.5 per 100,000 population around 1979.

### *Tuberculosis*

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#### *Goal of the Ten-Year Health Plan*

- Reduce mortality due to tuberculosis by between 50 and 65 per cent. . .
- 

Tuberculosis is an infectious disease produced by a bacillus, transmitted mainly by droplets. It penetrates the lungs, producing evolutive lesions in about 10 per cent of the persons infected. Tuberculosis is distributed worldwide, with an annual incidence approaching 11 million cases. Chemotherapy, improved health conditions, and BCG vaccination have achieved reductions in tuberculosis incidence of up to 14 per cent per year in some countries, but lack of coverage, organization, and health service resources in most developing countries limits progress to stabilization or reductions of less than 5 per cent per year. New, more effective drugs have permitted the reduction of both the treatment duration and prevalence.

The indices used to measure the extent of the problem are risk of infection, incidence of new cases and new smear-positive cases (sources of infection), and mortality. With improved therapy, mortality gradually loses value as an index, but its trend is still useful with large populations and large numbers of deaths.

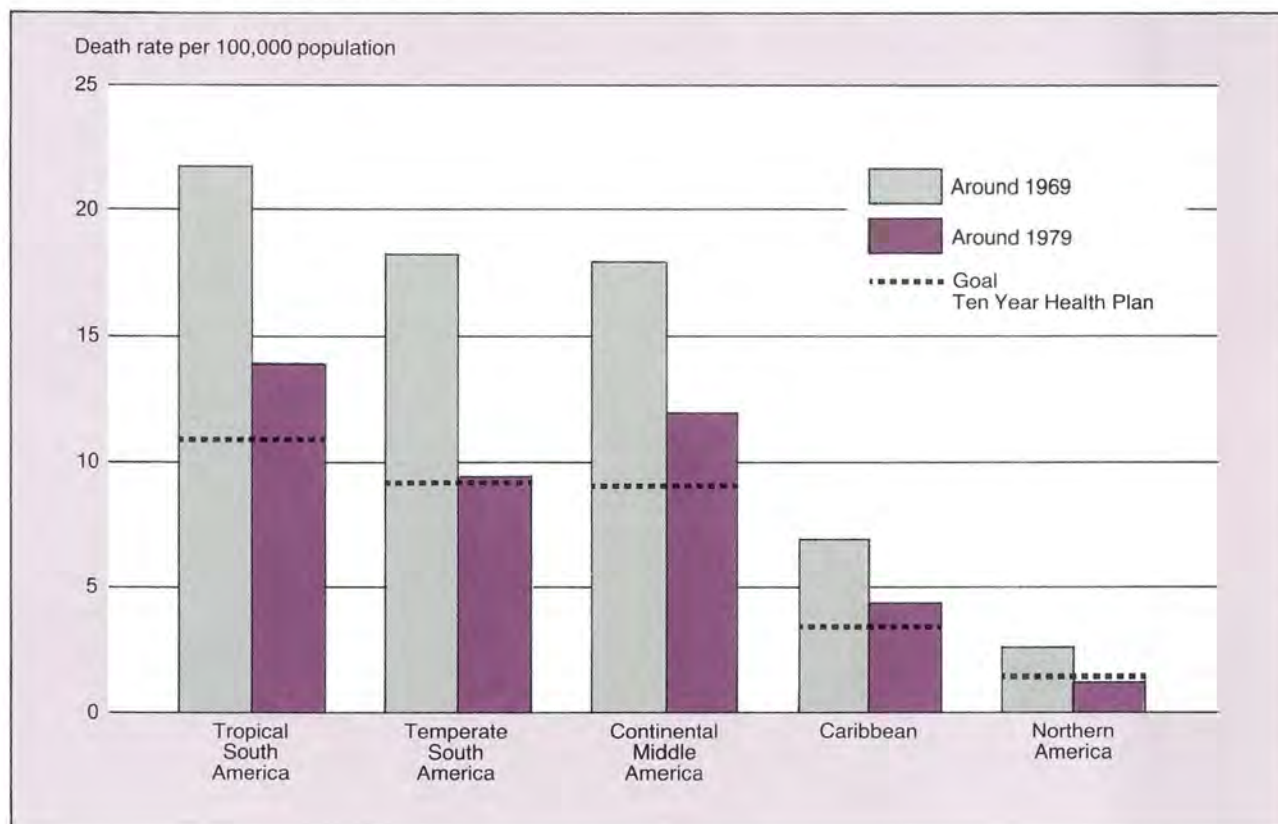
Some countries in the Region, namely Argentina, Canada, Chile, Colombia, Costa Rica, Cuba, Uruguay, United States, and Venezuela achieved or are reaching a level of coverage of diagnosis and notification sufficient to permit the use of morbidity data as an indicator (see Annex Table II-9j). Others, like Canada and the United States, received significant numbers of immigrants from areas with more tuberculosis, which modified the trend of the local population. Notification is still poor in most countries with high tuberculosis rates, due to low coverage (Bolivia, Haiti) or lack of notification by large health systems (Mexico). Improvement in these aspects will lead to rapid increases in notified incidence and better control of the disease, as is happening currently in Brazil. Some countries have more than one official information system, producing different totals, as in Colombia where the National Tuberculosis Program

reported half the number of cases (10,273 in 1978, 10,933 in 1979, and 11,589 in 1980), as did the Department of Statistics. The excess was perhaps due not only to tentative medical diagnoses and notification which were later discarded, but also to the notification of cases not included in the program such as those from some private institutions.

In general there is an important underregistration of tuberculosis in the Region. In 1980 there were around 216,000 new cases reported, although it is estimated that about 280,000 would have been more realistic. Improved diagnostic resources and population coverage, particularly in Latin America, will increase the number of new cases diagnosed and treated by the health services, and notifications will increase as a result.

Mortality due to tuberculosis decreased rapidly after 1950 with the use of chemotherapy, and then levelled off in some countries as a result of delayed deaths. Then the trend accelerated to little more than the reduction in new cases, reflecting gradual improvement in treatment. Total deaths due to the disease in the last reported year near 1979 were around 27,000 for the Region (Annex Tables II-5a and II-5b). This number, however, did not include

Figure 19. Death rates per 100,000 population from tuberculosis, by subregion, around 1969 and around 1979, with goals of the Ten-Year Health Plan.



countries like Brazil and Bolivia where a large part of the population was exposed to high tuberculosis risk.

Tuberculosis mortality rates for countries reporting data in 1969 were, per 100,000 population, 9.2 for the Region, 2.7 for Northern America, 7.0 for the Caribbean, 18.1 for Continental Middle America, 18.3 for Temperate South America, and 21.7 for Tropical South America. Around 1979 the rate was 6.0 for the Region: Northern America registered 1.3, the Caribbean 4.4, Continental Middle America 12.1, Temperate South America 9.4, and Tropical South America 13.4. Therefore, by 1980 only Northern America and Temperate South America achieved the minimum reduction desired (50 per cent) for the decade (Figure 19).

Risk of infection depends on the number of bacillary cases in the community. Since any infected individual is a potential source of tuberculosis and a variable proportion of the population has already been infected, eradication is not possible in the immediate future with the present technology. Well organized control programs plus socioeconomic development could achieve reductions in the risk and incidence rates of 10 per cent per year in the Region, a rate now obtained only in some countries. Taking into account the increase in total population, in coverage, and in improvement of diagnostic capacity of the health services, it is expected that by 1990 more than 100,000 cases will be diagnosed annually.

**Table 26. Number and percentage of new leprosy cases in children, bacteriologically positive cases, and cases with physical disabilities, by country, 1980.**

Country	Children (0-14 years)		Bacteriologically positive cases		Cases with physical disabilities	
	Number	Per cent	Number	Per cent	Number	Per cent
Argentina	12	0.8	738	50.0	45	3.0
Barbados	1	33.3	...	...	...	...
Bolivia	21	8.8	56	23.4	25	10.5
Chile	-	-	-	-	-	-
Colombia	75	6.5	383	33.0	155	13.4
Costa Rica	14	24.1	16	27.6	12	20.7
Cuba	10	2.8	127	35.5	...	...
Dominica	-	-	1	33.3	-	-
Dominican Republic	78	22.8	76	22.2	33	9.6
Ecuador	20	17.9	32	28.6	19	17.0
El Salvador	-	-	...	...	...	...
Grenada	-	-	-	-	-	-
Guatemala	3	15.0	6	30.0	2	10.0
Guyana	30	38.5	11	14.1	6	7.7
Haiti	45	30.4	-	-	29	19.6
Honduras	-	-	...	...	-	-
Mexico	35	5.1	163	23.8	42	6.1
Nicaragua	3	20.0	13	86.7	...	...
Panama	2	50.0	3	75.0	1	25.0
Paraguay (a)	15	5.6	151	56.3	30	11.2
St. Vincent (b)	1	20.0	...	...	3	6.0
Trinidad and Tobago	3	7.1	11	25.2	4	9.5
Uruguay	1	3.3	16	53.3	2	6.7
Virgin Islands (UK)	-	-	-	-	-	-

(a) Reporting area. (b) 1979 data.

## Leprosy

### Goal of the Ten-Year Health Plan

- Reduce the incidence and prevalence of leprosy...

Leprosy is a chronic bacterial disease produced by the *Mycobacterium leprae* (Hansen's bacillus) characterized by lesions of the skin and mucous membranes and involvement and enlargement of peripheral nerves resulting in anesthesia and atrophy. Depending on the immunologic response of the host, the disease may evolve to an infectious lepromatous form or a closed, sometimes self-resolving tuberculoid form. In the Region over half the cases are lepromatous, differing from other areas of the world with

the exception of the remaining foci in Europe. Prevalence was estimated at 11,000,000 cases worldwide for the period and 400,000 cases in the Region of which only 270,000 were registered in 1980.

As case-finding and notification have yet to reach optimum levels, the reported incidence and prevalence of the disease in the Region increased as a result of extension of the program. In the last 10 years the Caribbean, Tropical South America, and Temperate South America almost doubled their incidence rates. Case reduction in some countries may be due to the actual decrease in incidence, as in Venezuela, and in others to less effective case-finding activities.

Leprosy epidemiology and control are better described by analysis and comparison of incidence (Table 26 and Annex Table II-9d) and prevalence of cases under surveillance (Table 27). Leprosy is rarely

Table 27. Registered leprosy cases with rates per 100,000 population and percentage of cases under surveillance, by country, 1980.

Country	Cases		Under Surveillance	
	Number	Rates	Number	Per cent
Argentina	10 568	39.0	10 568	100.0
Antigua	48	64.0	...	...
Bahamas	53	22.4	...	...
Barbados	36	14.2	26	72.2
Bolivia	1 729	30.9	1 473	85.2
Brazil	180 008	146.3	124 790	69.3
Chile	16	0.1	16	100.0
Colombia	20 338	75.1	16 407	80.7
Costa Rica	535	23.8	535	100.0
Cuba	5 789	5.9	5 744	99.2
Dominica	17	21.3	17	100.0
Dominican Republic	4 999	92.0	4 561	91.2
Ecuador	2 620	31.4	2 431	92.8
El Salvador	31	0.6	31	100.0
Grenada	30	30.6	...	...
Guatemala	354	4.9	328	92.7
Guyana	719	81.3	670	93.2
Haiti	479	9.6	404	84.3
Honduras	322	8.7	227	70.5
Jamaica	796	36.3	531	66.7
Mexico	15 472	21.5	11 560	74.7
Montserrat	4	33.3	...	...
Nicaragua	116	4.3	116	100.0
Panama	156	8.5	156	100.0
Paraguay (a)	5 140	167.4	3 438	66.9
Peru (a)	3 359	18.9	1 744	51.9
St. Kitts-Nevis and Anguilla	8	11.9	8	100.0
Saint Lucia	226	188.3	226	100.0
St. Vincent	35	28.7	...	...
Trinidad and Tobago	839	73.6	765	91.2
Turks and Caicos Islands	14	200.0	...	...
Uruguay	595	20.5	238	40.0
Venezuela (a)	14 813	106.5	...	...

(a) Reporting area.

a direct cause of death. This reduces the value of mortality rates in determining the extent of the problems related to the disease.

Argentina, Brazil, and Colombia notified over 80 per cent of the new cases in the Region in 1980. In Brazil the Amazon area had a high incidence.

Haiti, probably with significant underregistration, had a high percentage of children (30.4) among those with the disease. Guyana also reported a high percentage of children (38.5).

Variations in coverage preclude an evaluation of the goal of the Ten-Year Health Plan. However, most of the intermediate objectives were achieved: development of programs, training of personnel, improvement of data, and establishment of the Pan American Center for Research and Training in Leprosy and Tropical Diseases (CEPIALET). Integration of leprosy control activities into general health services progressed at a very slow pace.

Vaccination against the disease is still in experimental stages. The number of useful drugs for treatment has increased recently; the appearance of dapsone resistance has motivated a change toward recommending combined drug therapy which will shorten duration of treatment but will require improved organization for fully supervised administration at least once a month in combination with daily self-administration.

Using current technical resources, the absolute number of leprosy cases under control will not decrease before the end of the century. Attitudes toward the disease will also change gradually. Leprosy, therefore, will continue to be a major Regional health problem in the future.

### ***Typhoid Fever***

Typhoid fever occurs in most countries of the Region. Between 1977 and 1980, a total of 36 of 48 countries reported cases of the disease (Annex Table II-9k). Because approximately 80 per cent of *Salmonella typhi* infections are mild, the number of cases was much higher than actually reported. Since 1970 the trends in reported cases increased in Continental Middle America, Temperate South America, and Tropical South America; there was no change in Northern America and in the Caribbean. In 1972 and 1973 Mexico reported an epidemic produced by a strain of *S. typhi* resistant to chloramphenicol and other antibiotics.

During the early 1970s a yearly average of 34,000 cases was identified in the Region and over the period 1977-1980 this average rose to 53,000. The reasons for the increase in typhoid in some countries of the Region

are closely associated with the deterioration in environmental health and sanitation standards in food preparation and handling. Carriers and those who actually have the disease are the most important reservoirs of infection. Most contract the disease outside the home except for those involving very young children when transmission usually occurs through contact with chronic carriers in the home. It is not clear why the disease is more frequent in certain countries or geographic areas of the Region. Those with the highest typhoid case rates for 1980 were, in descending order, Peru (174.4 per 100,000 population including paratyphoid fever), Chile (97.9), Ecuador (71.2), Nicaragua (43.4), Bolivia (33.4), and Colombia (28.9). El Salvador, French Guiana, and Dominica had the next highest case rates.

Guatemala reported 274 deaths around 1979; 110 were reported for El Salvador, and 340 for Peru.

Control measures generally used include identification and treatment of chronic carriers, epidemiological diagnoses of the transmission vehicles, and general improvement of basic sanitation (especially drinking water supply), food preparation techniques, and personal hygiene. Parenteral and oral vaccines can provide susceptible hosts with a high degree of protection.

### **Sexually Transmitted Diseases (STDs)**

All the countries in the Region have limited their concept of STDs to the traditional venereal diseases which include gonorrhea, syphilis, chancroid, lymphogranuloma venereum, and granuloma inguinale. Available information on the severity of STDs in the Region is incomplete and there is a lack of case reporting in many countries. Although a number of countries maintain statistics on reported cases of gonorrhea and syphilis, many do not furnish detailed information to PAHO such as cases by age, or, in syphilis cases, by stage of development.

Determination of the true magnitude of the STD problem is restricted by the coverage and quality of data available on the incidence of cases and related complications. The importance of these diseases as a public health problem stems from their serious chronic and weakening effect. New data obtained suggest that other STDs may cause similar or more serious complications than the traditional ones. Recent advances indicate the existence of an association between herpes infection and cervical cancer, and between infection from *Chlamydia* and conjunctivitis, and pneumonia in the newborn.

The role of *Neisseria gonorrhoeae* in the etiology of

pelvic inflammatory disease (PID) is well known, but *Chlamydia* infections have made this clinical complication even more important. Among the well-documented consequences of PID are infertility, ectopic pregnancy, and chronic pelvic inflammatory disease; these diseases occur in young women (25–34 years) during the child-bearing age. According to data published in the United States, more than 850,000 PID episodes occur yearly requiring more than 212,000 hospital admissions, 115,000 surgical interventions, and 2,500,000 consultations. In 1979 the direct and indirect expenditures were above US\$1.25 billion.

The number of reported cases of gonorrhea and syphilis with rates per 100,000 population by country for 1977 through 1980 can be found in Annex Tables II-9b and II-9h.

### Gonorrhea

Data on reported cases of gonorrhea were available for some countries in 1977 and 1978, by sex. Those countries showed a relatively high ratio of cases in males as compared to females: 10.6 to 1.0 in the Caribbean; 1.9 to 1.0 in South America; 1.8 to 1.0 in Continental Middle America; and 1.4 to 1.0 in

Northern America. The Caribbean proportion was due in large measure to information received from Cuba (9,692 registered males and 517 females), and was directly related to case-detection programs for females who are generally asymptomatic and do not seek medical attention. In the United States and Canada, as a result of case-finding by means of cultures in females exposed to risk, a lower ratio of males to females was found.

Very few countries in the Region have initiated programs to diagnose gonorrhea in asymptomatic females, which constitute the group most vulnerable to PID. Worth mentioning is the fact that Colombia and Nicaragua reported a larger number of cases in females than in males.

A review of the incidence by age group revealed subregional patterns similar to those of the United States. Gonorrhea is a disease of young adults 15 to 34 years of age.

Completeness of data varied considerably. In 1980 Northern America reported over one million cases, almost 90 per cent of all cases in the Region. Nevertheless, this area represents only 40 per cent of the total population. It is doubtful that lack of reporting from other areas indicates a relative absence of the disease.

Table 28. Reported cases of congenital syphilis in infants<sup>a</sup> and rates per 100,000 population, selected countries, 1970–1979.

Country	C A S E S									
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Bolivia	...	12	24	13	15	23	29	...	...	...
Colombia	66	...	...	...	...	...	225	422	436	29
Costa Rica	...	...	...	...	...	49	51	59	69	...
Cuba	6	5	...	17	11	8	8	10	10	...
Mexico	46	36	34	29	27	...	15	...	...	...
United States	345	451	383	314	270	180	167	144	...	...
Country	R A T E S									
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Bolivia	...	6.3	12.3	6.5	7.3	10.9	13.7	...	...	...
Colombia	8.9	...	...	...	...	...	29.5	53.7	54.8	35.0
Costa Rica	...	...	...	...	...	93.1	94.6	101.1	101.2	...
Cuba	2.6	2.1	...	7.2	4.6	4.3	4.2	5.2	5.2	...
Mexico	2.2	1.7	1.5	1.4	1.2	...	0.6	...	...	...
United States	9.8	12.6	11.7	10.2	9.0	5.9	5.5	4.5	...	...

(a) All reported cases of syphilis under 1 year of age are assumed to be congenital.

The first strains of penicillin-resistant *N. gonorrhoeae* were identified in 1976 in the Far East. This strain spread rapidly and settled in many countries; in Northern America its dissemination was contained and new instances were limited to sporadic imported cases with mild outbreaks. In Argentina, Chile, Mexico, and Panama the strain was isolated; however, its presence is suspected also in the Caribbean. Dissemination of this strain will create serious treatment problems due to the high cost involved for other second and third line antibiotics used in lieu of penicillin.

### *Syphilis*

Syphilis surveillance systems are also incomplete. Although several countries maintain detailed information systems, only 19 out of 48 countries registered cases of early syphilis; most data reported to PAHO are incomplete and do not permit a thorough analysis.

Although reporting of syphilis was more complete than that for gonorrhoea, great discrepancies existed. For example, in 1980 Argentina, Chile, and Colombia reported over 80 per cent of the total cases for South America (Annex Table II-9h). Brazil did not include the disease in its report submitted to PAHO. The Dominican Republic reported 65 per cent of the total cases for the Caribbean.

Data on age and sex were too incomplete to permit precise conclusions. Nevertheless, the number of cases of congenital syphilis in children under 1 year may be a good indicator of the seriousness of the problem (Table 28). Large differences in rates may indicate a lack of case reporting, incompleteness of surveillance systems, or the seriousness of the problem. Cuba and the United States maintained widespread syphilis control programs and active surveillance systems. Their rates were similar and probably reflected accurately the true incidence of congenital syphilis. Costa Rica's high rate was perhaps the result of its strengthened venereal disease control program and surveillance system. Care should be taken in establishing comparisons because population estimates used as denominators are subject to error.

Specific budgets for STD control measures are often nonexistent due to the low priority assigned to STDs. This problem, together with ever-increasing urban migration, growth of large cities, and changes in sexual mores and behavior, will be conducive to increased transmission of STDs and their consequences.

## **Non-communicable Chronic Diseases**

In the majority of the countries of the Region non-communicable chronic disease was the most frequent cause of death. Heart disease was the leading cause of death in all the countries of Northern America, in three countries of Continental Middle America (Belize, Costa Rica, and Panama), in most countries of Tropical South America (except Ecuador, French Guiana, and Peru), in most Caribbean countries, and in the countries of Temperate South America (except in Chile) (Annex Table II-6). Cerebrovascular disease was among the first five causes in almost all countries and, if combined with heart disease to form the cardiovascular group, it became the most frequent cause in the Region.

Malignant neoplasms ranked second as the most frequent cause of death in Northern America, the Caribbean, and Temperate South America (see Table 29).

Diabetes mellitus also became a significant cause of death in some subregions. An analysis of the principal causes of death in the Region from 1970-1979 indicates the increasing impact of chronic diseases in recent years. Table 29 shows that measles was no longer among the first 10, that diarrheal diseases and enteritis declined in significance, and that several chronic diseases ranked higher. The percentage of deaths due to chronic diseases for the Region can be seen in Table 30 for 1970 and 1979. In Northern America the percentage of deaths due to heart and cerebrovascular diseases and accidents decreased; elsewhere the percentage of deaths due to heart and cerebrovascular diseases, malignant neoplasms, and accidents all increased.

### *Cardiovascular Disease*

For the purpose of this analysis, the cardiovascular disease group consists of the following categories of the Eighth Revision of the *International Classification of Diseases*: hypertensive diseases (400-404), ischemic heart disease (410-414), other forms of heart disease (420-429), and cerebrovascular diseases (430-438). Active rheumatic fever and chronic rheumatic heart disease were excluded because they differ greatly in their causal factors and epidemiology. However, it is worth noting that the death rates from rheumatic heart disease (390-398) showed less variability from one country to another and were generally low—less than 6 per 100,000 inhabitants (Annex Table II-5b).



Table 29. Rank order of leading causes of death by subregion of the Americas, 1970 and around 1979.

Cause of death	Northern America		Caribbean		Continental Middle America		Temperate South America		Tropical South America	
	1970	1979	1970	1979	1970	1979	1970	1979	1970	1979
Diseases of the heart (390-429)	1	1	1	1	3	3	1	1	3	1
Malignant neoplasms (140-209)	2	2	2	2	6	6	2	2	5	5
Cerebrovascular disease (430-438)	3	3	3	3	8	7	3	3	10	7
Accidents (E800-E949, E980-E989)	4	4	6	4	4	4	5	4	4	4
Influenza and pneumonia (470, 474, 480-486)	5	5	5	5	1	1	4	6	1	2
Diabetes mellitus (250)	7	6	8	7	-	-	9	8	-	-
Cirrhosis of liver (571)	9	7	-	9	10	10	8	7	-	-
Suicide (E950-E959)	10	8	-	-	-	-	-	-	-	-
Bronchitis, emphysema and asthma (490-493)	8	9	9	10	9	8	-	-	6	8
Causes of perinatal mortality (760-779)	6	10	4	6	5	5	6	5	8	6
Enteritis and other diarrheal diseases (008-009)	-	-	7	8	2	2	7	9	2	3
Homicide, legal intervention and operations of war (E960-E978, E990-E999)	-	-	-	-	-	9	-	-	-	10
Tuberculosis (010-019)	-	-	-	-	-	-	10	-	9	9
Congenital anomalies (740-759)	-	-	10	-	-	-	-	10	-	-
Measles (055)	-	-	-	-	7	-	-	-	7	-

Table 30. Percentage of deaths due to chronic diseases in the Americas, by subregion, around 1970 and 1979.

Subregion	Diseases of the heart		Cerebrovascular disease		Malignant neoplasms		Diabetes mellitus		Accidents	
	1970	1979	1970	1979	1970	1979	1970	1979	1970	1979
Northern America	38.5	37.8	10.7	9.1	17.4	20.7	2.0	1.8	6.3	5.8
Caribbean	18.7	23.2	8.4	9.2	12.2	13.3	2.1	2.6	5.2	7.9
Continental Middle America	6.2	9.6	2.3	2.8	3.5	4.7	1.2	2.1	5.0	8.7
Temperate South America	21.4	24.5	8.7	9.6	15.5	16.9	1.8	2.1	6.5	6.7
Tropical South America	6.5	12.7	2.5	4.9	5.3	8.0	0.8	1.2	6.0	8.1

Table 31. Percentage change in age-adjusted death rates per 100,000 population for all causes, cardiovascular diseases, and diabetes mellitus, selected countries, around 1970 to 1979.

Country	All Causes	Hypertensive disease	Ischemic heart disease	Other forms of heart disease	Cerebrovascular disease	Diabetes Mellitus
Argentina	-16.9	-34.3	-17.0	44.1	- 8.5	-11.4
Canada	-13.7	-27.8	-17.0	17.1	-22.6	-23.9
Chile	-31.6	-23.8	-16.5	-57.2	-14.3	12.1
Colombia	- 8.2	39.1	21.8	- 5.2	22.5	6.4
Costa Rica	-37.8	-39.0	30.5	-64.0	-23.0	29.9
Cuba	- 4.7	-48.9	28.4	33.3	- 4.8	2.9
Mexico	-17.7	-20.7	3.7	38.2	- 7.6	33.3
Puerto Rico	-21.4	-32.4	-15.8	-13.7	- 8.7	-47.5
Trinidad and Tobago	- 5.9	16.2	1.1	-46.5	-11.7	73.1
United States	-16.8	-44.7	-20.4	34.8	-30.4	-25.9
Venezuela	-16.5	- 2.1	6.7	19.1	12.2	31.0

The percentage of deaths caused by cardiovascular diseases as grouped above rose in most countries during the 1970s but dropped slightly in Canada, United States, Uruguay, and most of the Caribbean islands. Cardiovascular diseases still accounted for over 30 per cent of all deaths in Northern America, most of the Caribbean, Argentina, and Uruguay.

The percentage of change that occurred in the age-adjusted mortality rates for 1970 to around 1979 is shown in Table 31 and Figure 20 for selected countries. Independent of the overall drop in mortality, some countries registered an increase in the cardiovascular diseases and in diabetes mellitus. The rate fluctuation for the "other forms of heart disease"

Figure 20. Percentage change in age-adjusted death rates per 100,000 population from all causes, cardiovascular diseases, and diabetes mellitus, in selected countries, between 1970 and around 1979.

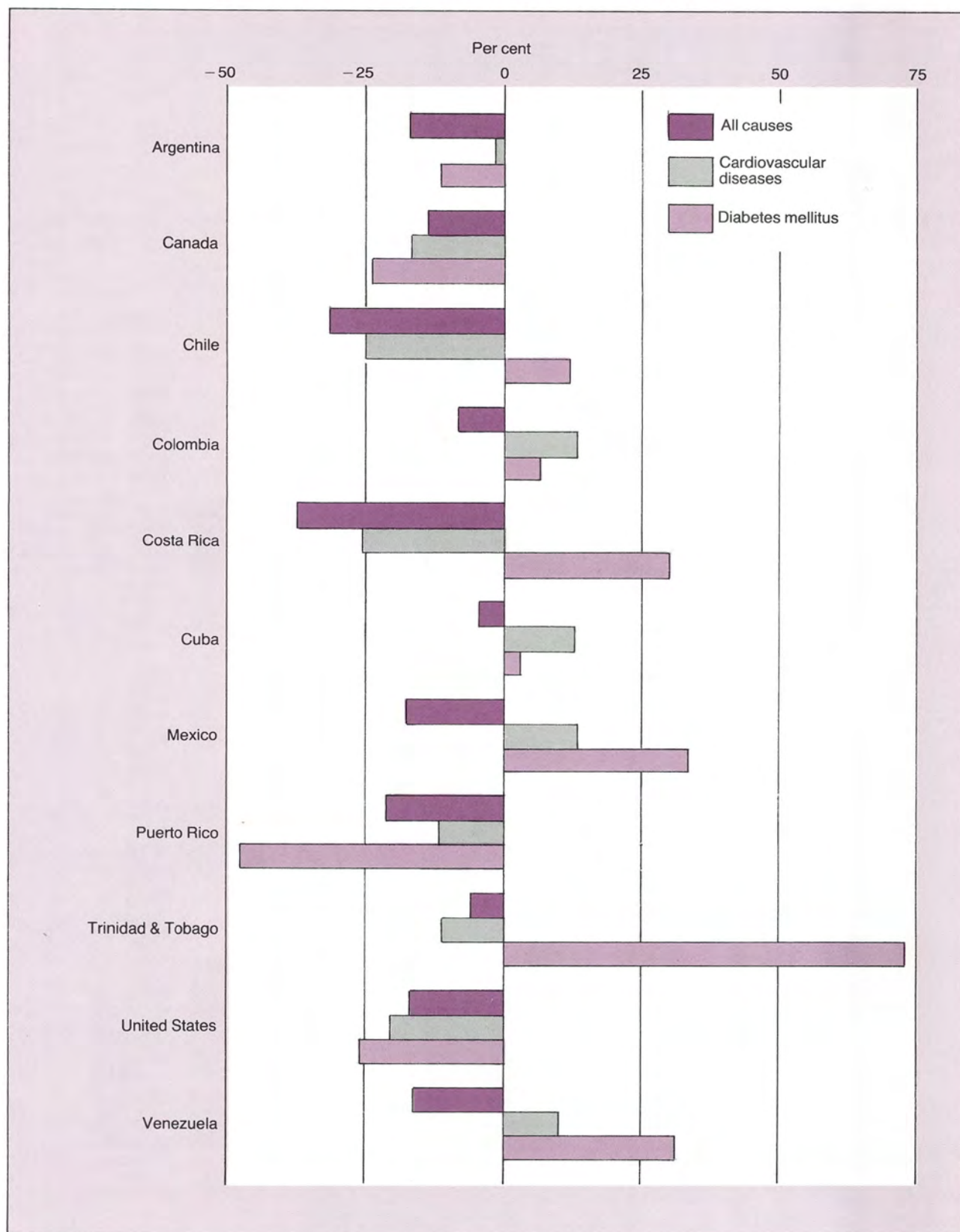


Figure 21. Death rates per 100,000 population for ischemic heart disease for the 45-54 and 55-64 age groups, by sex, in selected countries, around 1978.

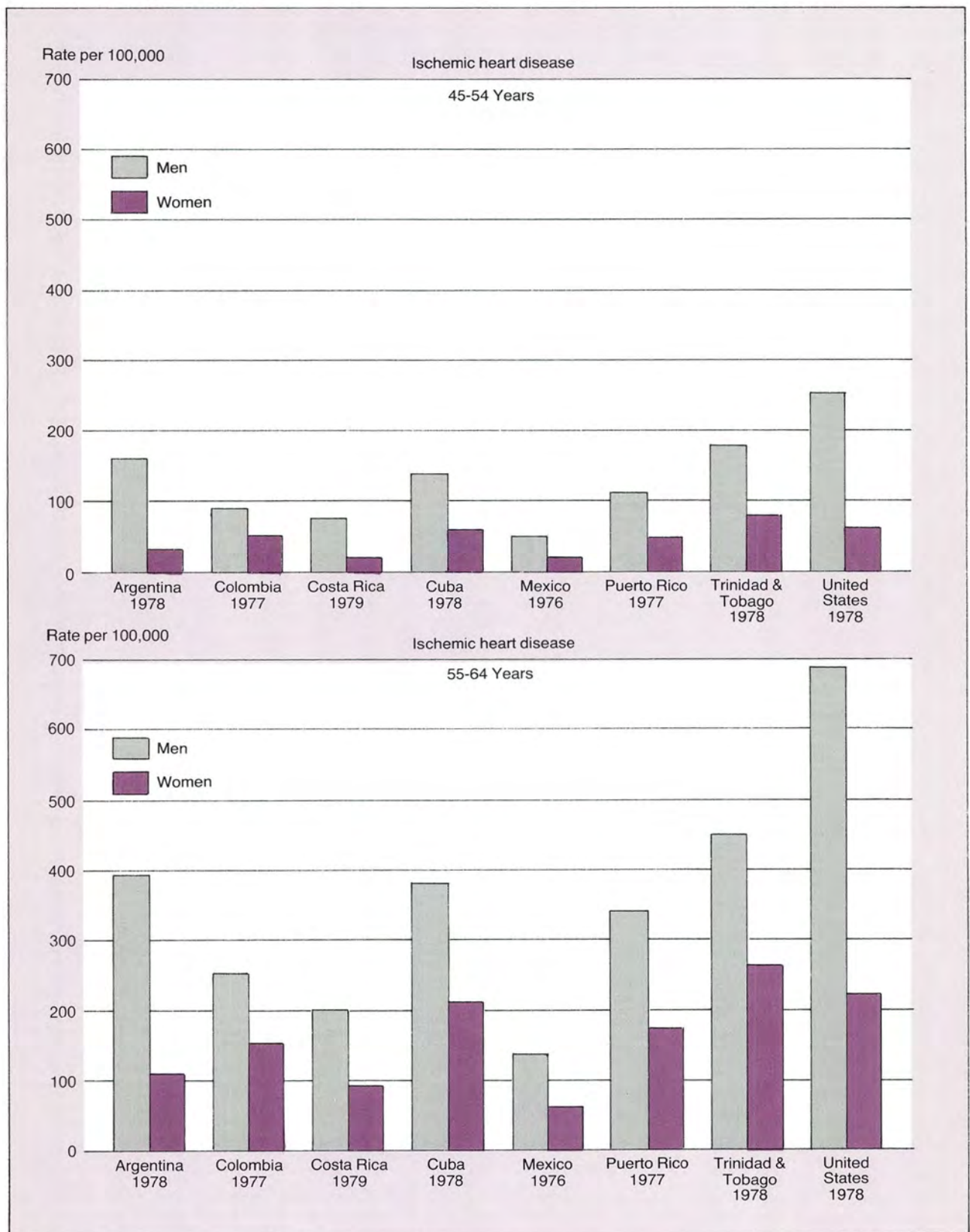


Figure 22. Death rates per 100,000 population for hypertensive disease for the 45-54 and 55-64 age groups, by sex, in selected countries, around 1978.

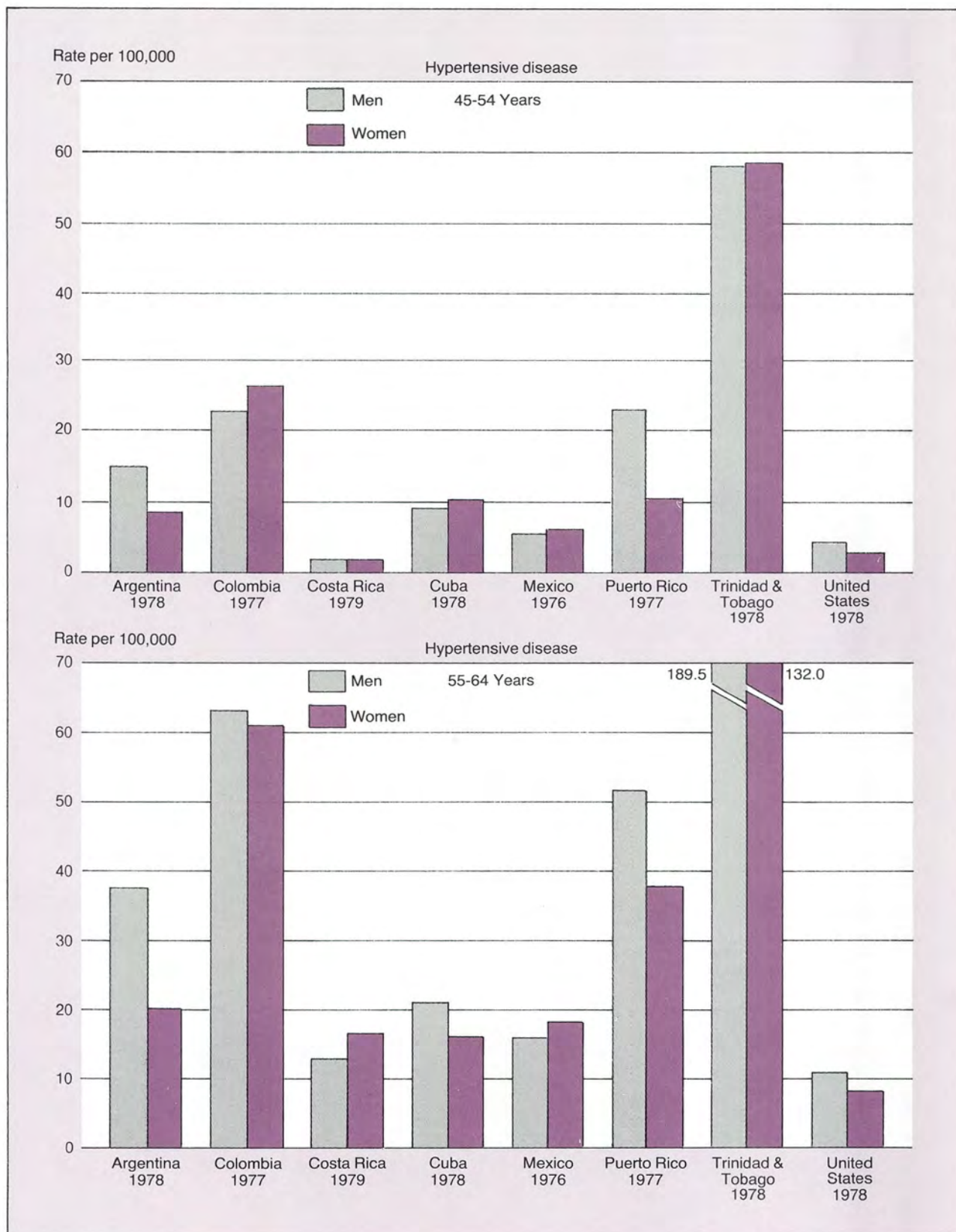
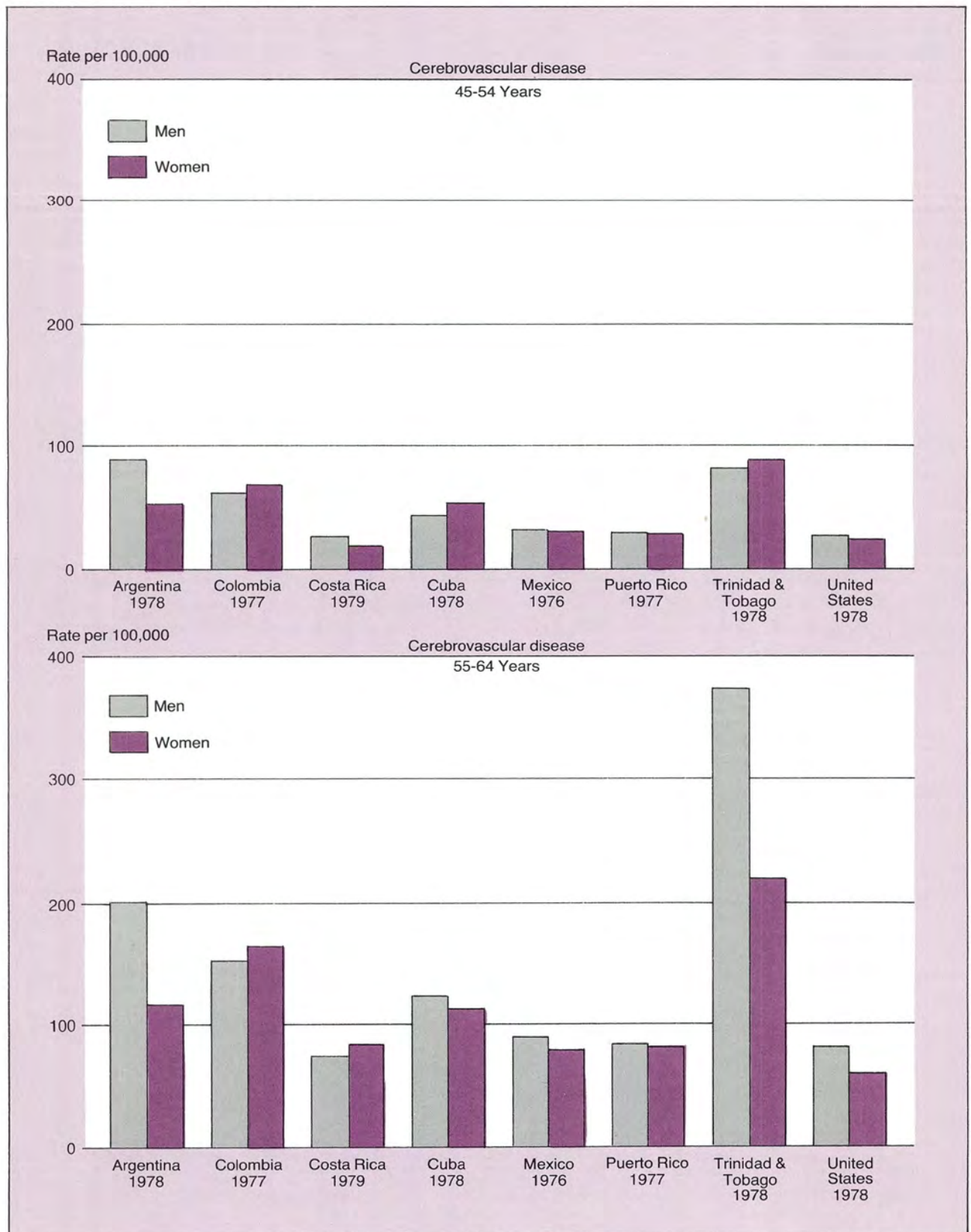




Figure 23. Death rates per 100,000 population for cerebrovascular disease for the 45-54 and 55-64 age groups, by sex, in selected countries, around 1978.





group stands out and may be due to differing classification criteria, medical certification, or diagnosis procedures. It is probable that many deaths due to ischemic and hypertensive diseases were placed under this heading (as may be the case with Argentina); this should therefore be taken into account when assessing the magnitude of the problem.

Figures 21, 22, and 23 compare the most recent rates for three main groups of cardiovascular diseases in middle-aged men and women (45–54 and 55–64 years) in the same selected countries. First, it should be noted that the rates increased with age in both sexes. Second, men were at greater risk of dying from ischemic heart disease. This was especially evident in the countries with the highest rates such as the United States, Trinidad and Tobago, Argentina, and Cuba. Third, the pattern for men and women with hypertensive and cerebrovascular diseases was similar and quite different from that of ischemic heart disease.

The most pronounced difference among the three groups of diseases was the contrast between the rates for ischemic heart disease in men in the United States and in the other countries—a factor which did not arise in the other two groups of diseases and was less evident for women. This favors the hypothesis that the risk factors for arteriosclerotic heart disease, with the exception of arterial hypertension, were probably present with greater frequency in the more developed countries. On the other hand, rates for hypertensive and cerebrovascular diseases were high in Trinidad and Tobago, Colombia, and Puerto Rico, where there are probably genetic and environmental factors that predispose the inhabitants to higher arterial pressure. In the United States the rates for cerebrovascular and hypertensive diseases declined as shown in Table 30, which explains part of the differences in Figures 22 and 23.

Besides data on mortality, which unquestionably have limitations because of recording deficiencies, certain information on prevalence of arterial hypertension demonstrates once again its appreciable frequency in many countries. In Chile, for instance, it was found that approximately 18 per cent of the adult population had some degree of elevated arterial pressure;<sup>7</sup> in Colombia, various studies showed prevalences of 10–20 per cent with interregional variability;<sup>8</sup> and studies in Brazil and Mexico confirmed

similar frequencies.<sup>9,10</sup> These data, in combination with an analysis of mortality for hypertension-related causes (hypertensive, cerebrovascular, other cardiac and ischemic heart diseases), reinforced the need to continue working on the strategies in the Plan of Action for diagnosis, control, and effective treatment of arterial hypertension.

In the countries with a trend toward urbanization, educational activities on the presence of cardiovascular risks and medical care programs for chronic illness in adults using the simplified primary care model strategy should be strengthened.

Additional data for the most recent year data were available for heart disease (including rheumatic heart disease), ischemic heart diseases, and cerebrovascular disease, hypertensive disease, and rheumatic heart disease by age and sex, with crude rates and age-adjusted rates will be found in Annex Table II-5b.

### *Diabetes Mellitus*

Mortality rates for diabetes mellitus describe the situation only in part because of the problems associated with certification of causes of death and the lack of multiple cause data. Many diabetics who died of some cardiovascular complication were listed under that cause only with no mention of diabetes. This limitation notwithstanding, diabetes mellitus and its complications was a significant cause of death in the Region and is on the increase as health status improves and life expectancy is extended.

For the most recent year data were available diabetes mellitus was the sixth most frequent cause of death in Northern America, seventh in the Caribbean, and eighth in Temperate South America (Table 29).

A comparison of mortality from this disease with deaths from other causes in 1970 and around 1979 shows that the percentage of deaths from diabetes mellitus remained more or less constant in most countries at 1–2.5 per cent. A distinct increase from 1.2 to 2.6 per cent was recorded in Costa Rica. The following Caribbean islands reported a high percentage rate of over 3.0 of all deaths due to diabetes mellitus: Antigua, Barbados, Bermuda, Guadeloupe, Ja-

<sup>7</sup>Rodriguez, H., G. Corey, and I. Cánepa. *Bol Of Sanit Panam* 84(3):207–217, 1978.

Rodriguez, H., and I. Dockendorff. *Bol Of Sanit Panam* 87(5):432–442, 1979.

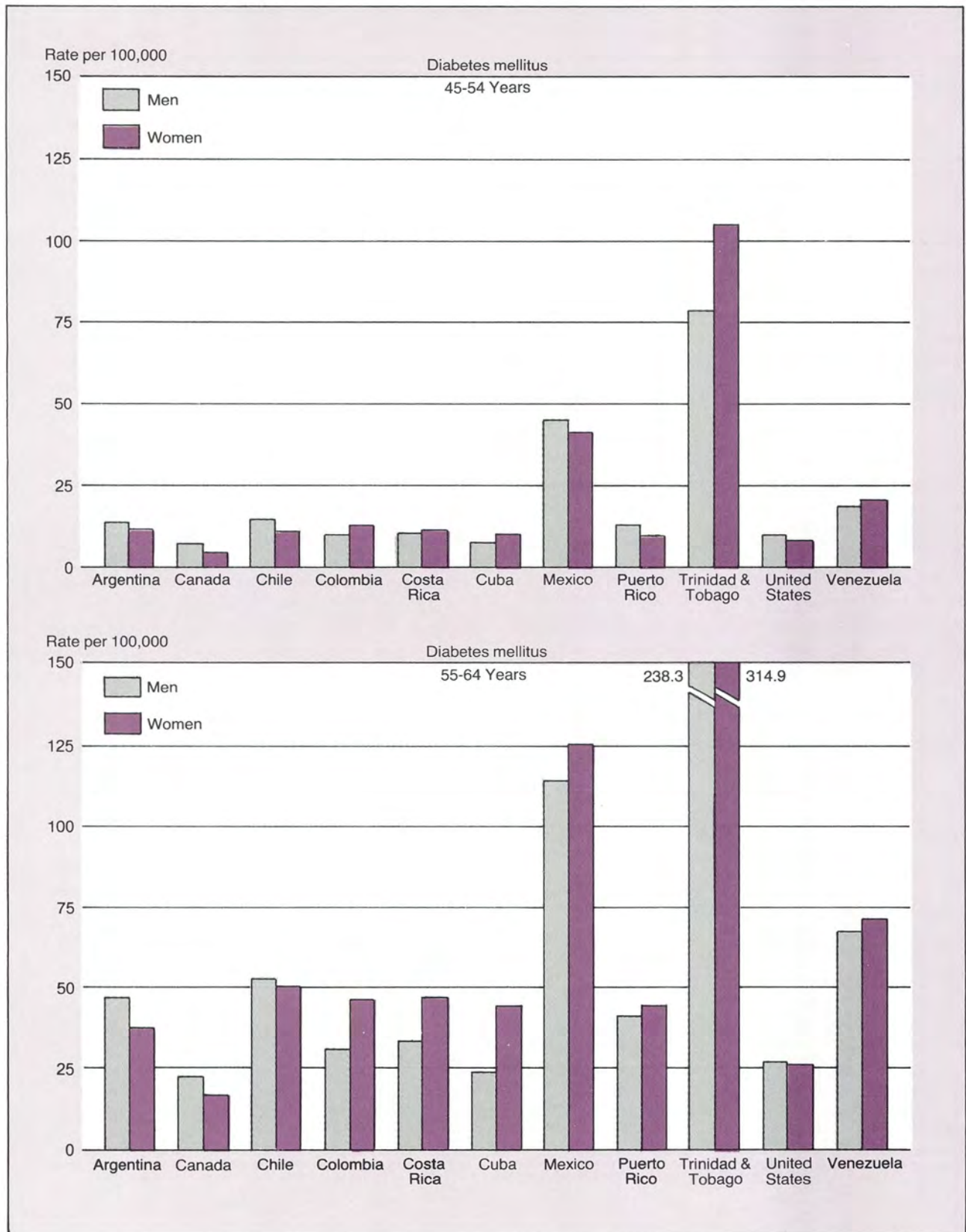
<sup>8</sup>Ministerio de Salud. Asociación Colombiana de Facultades de Medicina, *Investigación Nacional de Morbilidad—Evidencia Clínica*. Bogotá, Colombia, 1969.

Restrepo, E., et al. *Epidemiología de la hipertensión arterial en el departamento de Antioquia*. *Antioquia Médica* 26(1):1–3, 1976.

<sup>9</sup>Ribeiro, M. B. D., A. B. Ribeiro, C. S. Neto, et al. Hypertension and Economic Activities in São Paulo, Brazil. *Hypertension* Nov–Dec. II:233–237, 1981.

<sup>10</sup>Vásquez Valle, E., et al. Algunos aspectos de la presión arterial en el área de Jalisco, parte II. *Salud Pública de México* Jan.–Feb. 23(1):83–92, 1981.

Figure 24. Death rates per 100,000 population for diabetes mellitus for the 45-54 and 55-64 age groups, by sex, in selected countries, around 1978.



maica, Martinique, Montserrat, St. Kitts-Nevis, Trinidad and Tobago, and the Virgin Islands (UK).

As seen in Figure 24 and Table 31 in seven of the 11 countries shown, from 1970 to around 1979 the per cent change in the age-adjusted death rate for diabetes mellitus increased while the rate for all causes of death decreased.

Figure 24 shows the distribution of diabetes mellitus deaths in middle-aged men and women in 11 selected countries. In the 45-54 age group death from the disease was found to be more frequent among men in Trinidad and Tobago and Mexico. The highest rate in this age group, however, was found among the women of Trinidad and Tobago. The rates in the 55-64 age group were obviously higher, with Trinidad and Tobago heading the list for both sexes, although the figure for women was again distinctly larger.

In summary, rates for younger men and women were similar for all countries, with a slight predomi-

nance of women. In the 55 and over age group, the figures for women were distinctly higher than for men in Colombia, Costa Rica, Cuba, Mexico, Puerto Rico, and Trinidad and Tobago.

Additional data for the most recent year data were available for diabetes mellitus by age group and sex with crude rates and age-adjusted rates will be found in Annex Table II-5b. The mortality rates ranged from 1.9 per 100,000 population in Honduras to 48.6 in Trinidad and Tobago.

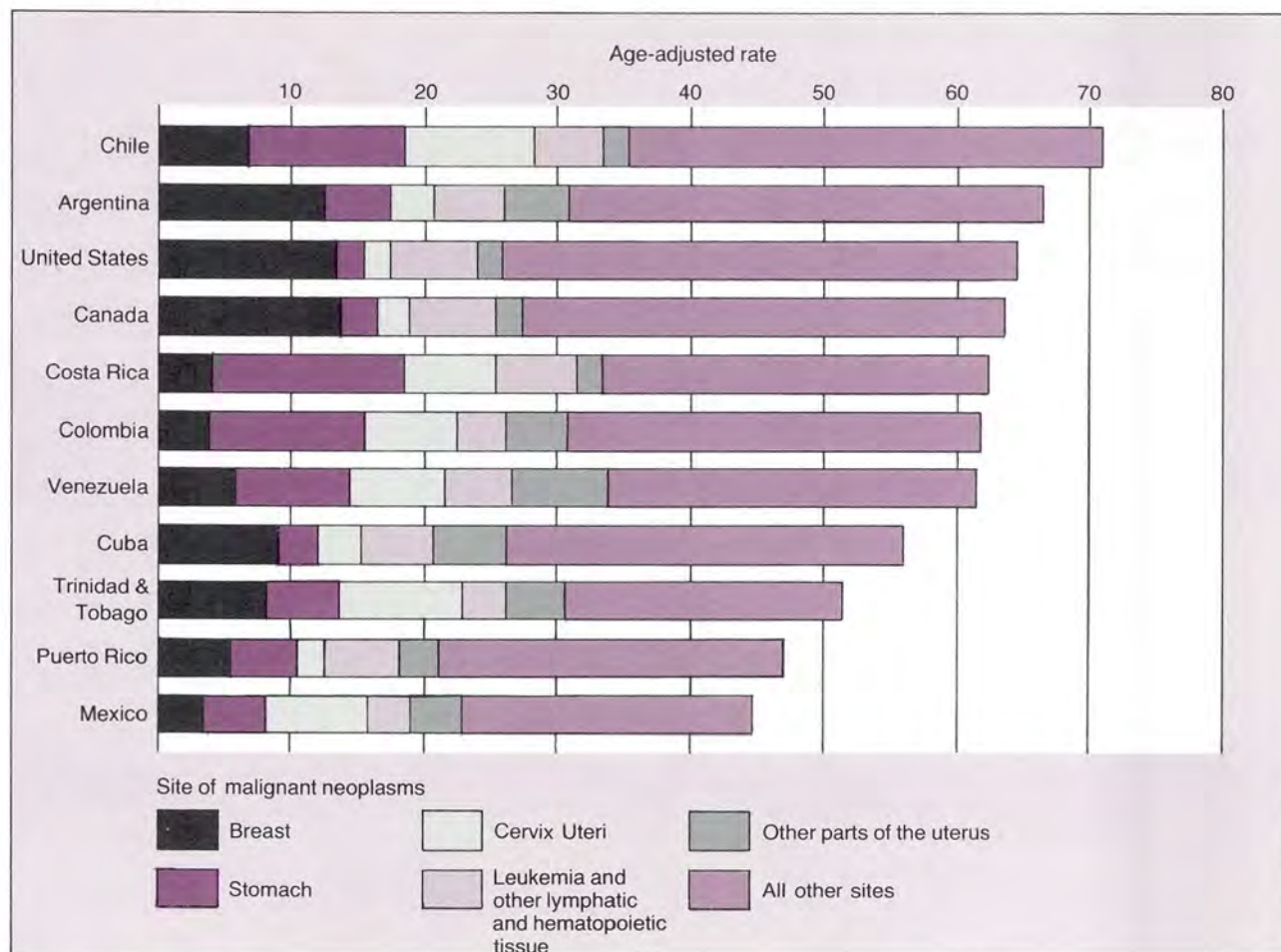
### Malignant Neoplasms

#### Goal of the Ten-Year Health Plan

- Reduce case fatality rates from cancer of the cervix and corpus uteri, breast, and larynx . . .

In all countries of the Region, malignant neoplasms were among the first 10 causes of death rank-

Figure 25. Age-adjusted death rates per 100,000 women from malignant neoplasms, by site, in selected countries, around 1979.





ing between the second and sixth most frequent cause (Table 29). As a per cent of all deaths, malignant neoplasms rose in the period between 1970 and around 1979 (Table 30). Northern America and Tropical South America demonstrated the greatest increase. A large group of countries was noted for a high percentage (15 per cent or greater) of cancer deaths: Argentina, Barbados, Bermuda, Canada, Chile, Costa Rica, Cuba, Falkland Islands, Puerto Rico, St. Pierre and Miquelon, United States, and Uruguay.

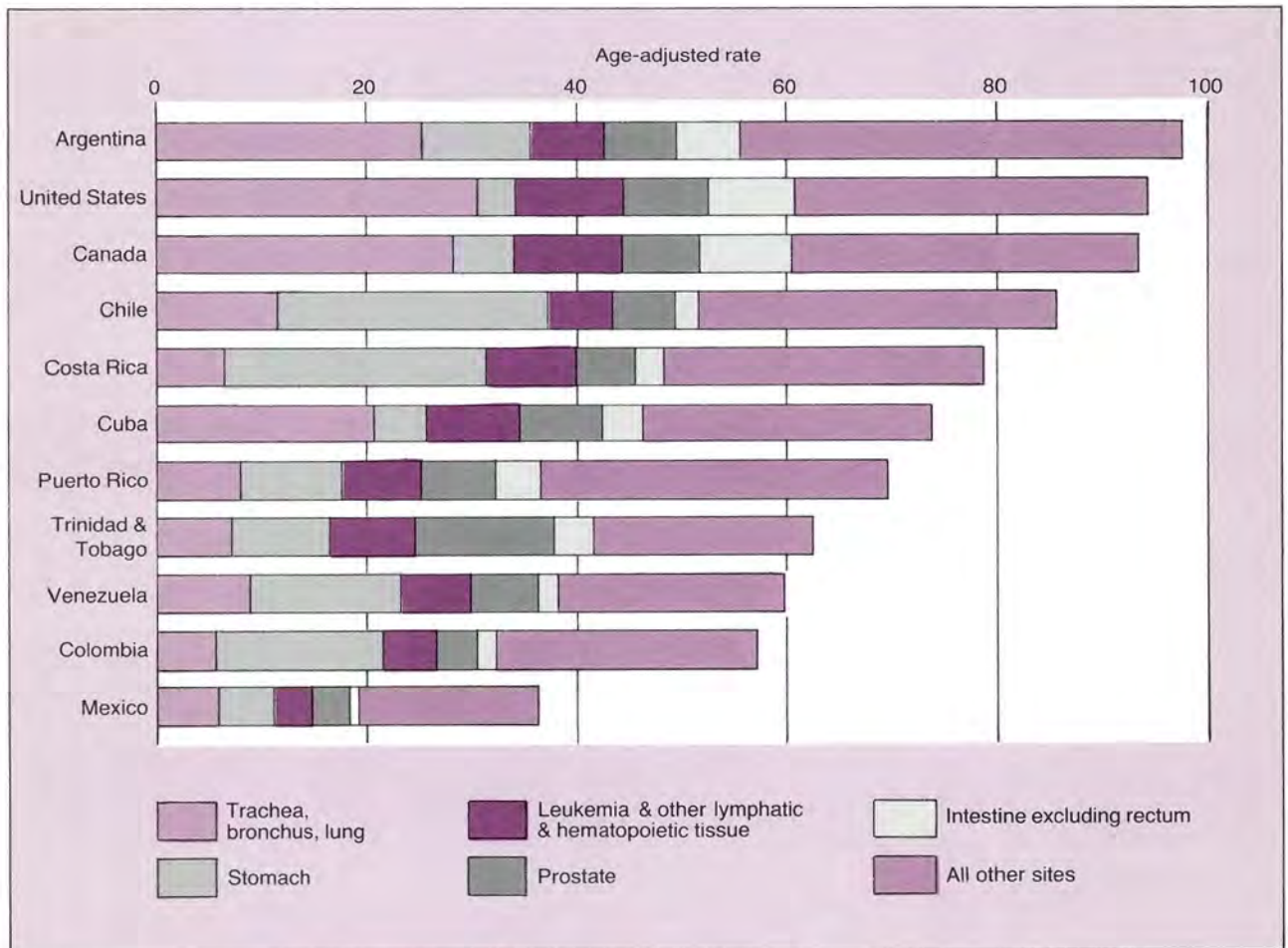
Figure 25 presents age-adjusted mortality rates for malignant neoplasms for females according to primary site in selected countries and Figure 26 presents similar rates for men. The most frequent sites in women were the breast, stomach, cervix uteri, uterus, lymphatic and other hematopoietic tissue, in that order. The highest rates for breast cancer were found in Argentina, Canada, and the United States. The highest rates for stomach cancer were found in Chile, Colombia, and Costa Rica. For men the highest rates

were found to be for lung cancer (which includes the trachea and bronchus) in Argentina, Canada, Cuba, and the United States. In Chile, Costa Rica, Colombia, and Venezuela, the stomach was the most frequent site for both men and women. After the lung and stomach, the most frequent sites in men were found to be leukemia and other neoplasms of lymphatic and hematopoietic tissue, prostate, and intestine (excluding the rectum).

Crude and age-adjusted rates for the most recent year data were available for malignant neoplasms by age group and sex will be found in Annex Table II-5b. Additional data are provided in Annex Table II-5b for the following sites of malignant neoplasms: stomach, lung (includes trachea and bronchus), breast, cervix uteri, uterus, prostate, leukemia and other neoplasms of lymphatic and hematopoietic tissue, buccal cavity and pharynx, intestine, rectum and rectosigmoid junction, and larynx.

Comments on malignant neoplasms of the stomach,

Figure 26. Age-adjusted death rates per 100,000 men from malignant neoplasms, by site, in selected countries, around 1979.



lung, cervix uteri, and breast are presented separately. With regard to the other sites, the differences in rates for cancer of the buccal cavity (including pharynx) should be noted, with the highest age-adjusted mortality rates occurring in the Caribbean and Uruguay, which, along with Argentina, were also noted for high rates of cancer of the larynx. More men than women were affected by these two types of cancer. Research on factors such as alcohol intake, smoking habits, and type of tobacco as possible causes of malignant neoplasms would be a valuable contribution.

Cancer of the intestine (except rectum) was an important cause of mortality in Argentina, Bermuda, Canada, Cuba, Puerto Rico, Trinidad and Tobago, United States, and Uruguay. This was different from stomach cancer, where Chile, Colombia, and Costa Rica reported the highest rates. This points to greatly varying environmental conditioning factors in the Region.

Various cities and subregions have cancer incidence registries which provided valuable information on the frequency of malignant neoplasms in different populations and were the source of much

cancer data.<sup>11</sup> It is interesting to compare the mortality data with reliable incidence data derived from a population-based registry. Table 32 compares the incidence rates obtained from the Puerto Rico Cancer Registry (*Cáncer en Puerto Rico 1978*, Central Cancer Registry, Department of Health) and 1977 mortality rates obtained from the usual sources. The comparison was between crude rates because the populations were not the same. The greatest discrepancies between incidence and mortality were in cancer of the prostate, breast, and cervix uteri. This might be partially explained by the fact that treatment for these types of cancer is more effective so that mortality rates are lower than incidence rates; however, the discrepancy for breast cancer was more than could be attributed to treatment alone.

According to the same Registry, the leading sites in terms of incidence in men were the prostate, lung, stomach, and buccal cavity. For mortality the stomach was first, then the prostate and the lung (includ-

<sup>11</sup>Doll, Richard, ed. *Cancer Incidence in Five Continents*, Vol. III. Lyons, France, International Agency for Research on Cancer, Scientific Publication 15, 1976.

Table 32. Incidence and death rates from malignant neoplasms per 100,000 population in Puerto Rico, by site and by sex.

Primary site	Males		Females	
	Incidence (a)	Mortality (b)	Incidence (a)	Mortality (b)
All sites	171.0	111.4	156.9	74.2
Buccal cavity	20.2	8.5	4.9	2.2
Larynx	6.9	4.4	0.9	1.0
Lung, trachea, bronchus	16.3	12.7	5.4	6.0
Stomach	16.1	16.0	9.9	8.4
Intestine, except rectum	9.2	6.6	8.2	4.9
Rectum	5.5	1.6	4.8	1.2
Prostate	27.4	13.8	-	-
Cervix uteri	-	-	32.4	3.0
Breast	-	-	29.9	7.6

(a) Incidence data refer to 1978; source: *Cancer in Puerto Rico 1978*, Central Cancer Registry, Department of Health. (b) Mortality data refer to 1977.

ing trachea and bronchus). In women, the chief sites in terms of incidence were the cervix uteri, and breast. The mortality data showed the stomach, breast, and lung (including trachea and bronchus) appearing in that order. It is clear that the mortality data do not reflect the very high frequency of gynecologic cancer observed in the Region. Incidence rates for cancer of the cervix uteri, in particular, were very high.

Trends in age-adjusted incidence rates of the different types of malignant neoplasms in men and women over the past three decades (1950–1978) in Puerto Rico are shown in Figures 27 and 28. It is quite possible that the same pattern occurred in other countries, particularly those with similar socioeconomic and environmental conditions.

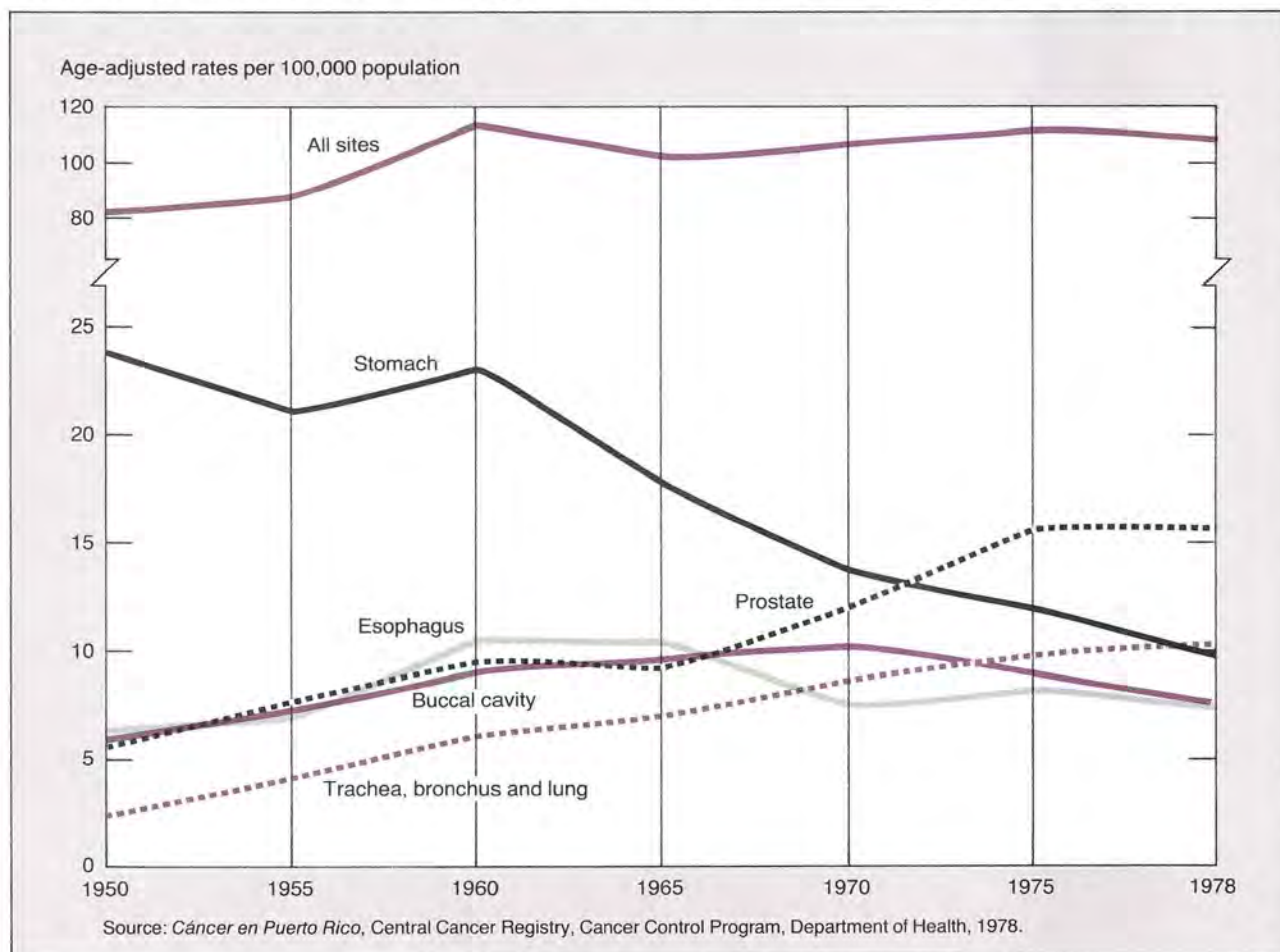
Future measures should be aimed at continuing the programs for early detection and treatment of cervical cancer in some populations and breast cancer in others. In addition, lung cancer prevention campaigns should be stepped up, especially in the

countries where there is a rising trend in this type of cancer. The search for causal factors of stomach cancer should be continued in countries with significantly high incidence.

Table 33 compares the rates of cancer of the stomach and lung (including trachea and bronchus) for men and women in selected countries of the Region around 1979. Those with the highest stomach cancer rates for men were Chile and Costa Rica, while lung cancer was the highest in the United States, Canada, Argentina, and Cuba. Both stomach and lung cancer rates were lower in women than in men for all countries studied. The trend between 1970 and the most recent year reported in all subregions declined for stomach cancer. Lung cancer was on the increase in most countries except for Argentina and the Caribbean where changes were minimal.

Malignant neoplasms of the cervix uteri and breast were an important cause of death in the Region. Mortality data from these two principal malignant neoplasms affecting females display interesting patterns

Figure 27. Trends in incidence of the most frequent sites of malignant neoplasms in males, Puerto Rico, 1950–1978.





that are related to incidence patterns obtained from various cancer registries in different parts of the world. Figure 29 illustrates the distribution of cancer of the cervix uteri and breast in selected countries of the Region. The following countries have high rates of cervical cancer and low breast cancer rates: Suriname, Chile, Mexico, Guyana, Costa Rica, Colombia, Dominica, and Guatemala. (While the cervical cancer rate is not very high in Guatemala, probably due to low death registration, it nevertheless is higher than the breast cancer rate.) A second group presents the reverse pattern—a high frequency of breast cancer and low frequency of cervical cancer: St. Kitts-Nevis, Uruguay, Canada, United States, Argentina, Barbados, and Cuba. Finally, a third group emerges in which there is no clearcut pattern.

In Figure 30 age-adjusted death rates for malignant neoplasms of the cervix uteri, other parts of the uterus, breast, and larynx are shown by subregion for 1970 and around 1979. The rates changed very little during the decade.

Malignant neoplasms of the skin are a very common form of cancer in most countries of the world. When malignant melanoma is excluded from this group, this disease site produces very low mortality. For this reason incidence data for four areas in the Region have been included (Table 34).

In the city of Recife, Brazil, skin cancer in males was first among all cancer forms and third in females following only cancer of the cervix uteri. On the other hand, in São Paulo skin cancer was in first place for males and second for females. In Cuba, the frequency of cancer in females was lower than in males. Rates found in the cities of Cali, Colombia, and São Paulo, Brazil, however, were slightly higher for the female sex. Risk factors in skin cancer are solar radiation exposure, skin pigmentation, and contact with carcinogenic products in the environment. It is possible that the ever increasing number of fair skinned women now involved in agricultural and industrial activities in areas of high economic development in the Region may tend to increase the

Figure 28. Trends in incidence of the most frequent sites of malignant neoplasms in females, Puerto Rico, 1950-1978.

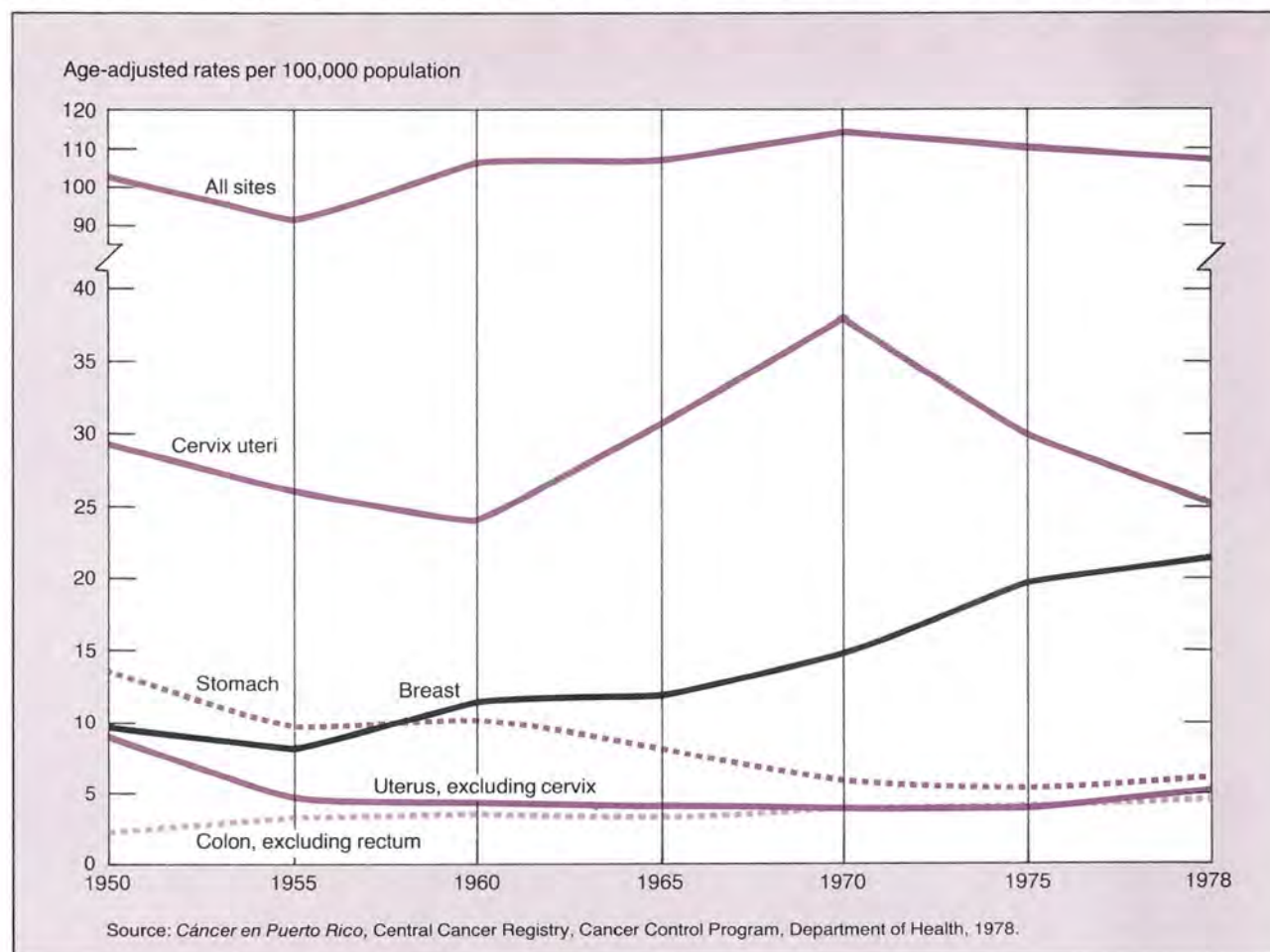


Figure 29. Age-adjusted death rates per 100,000 women from malignant neoplasms of the cervix uteri and breast, around 1979.

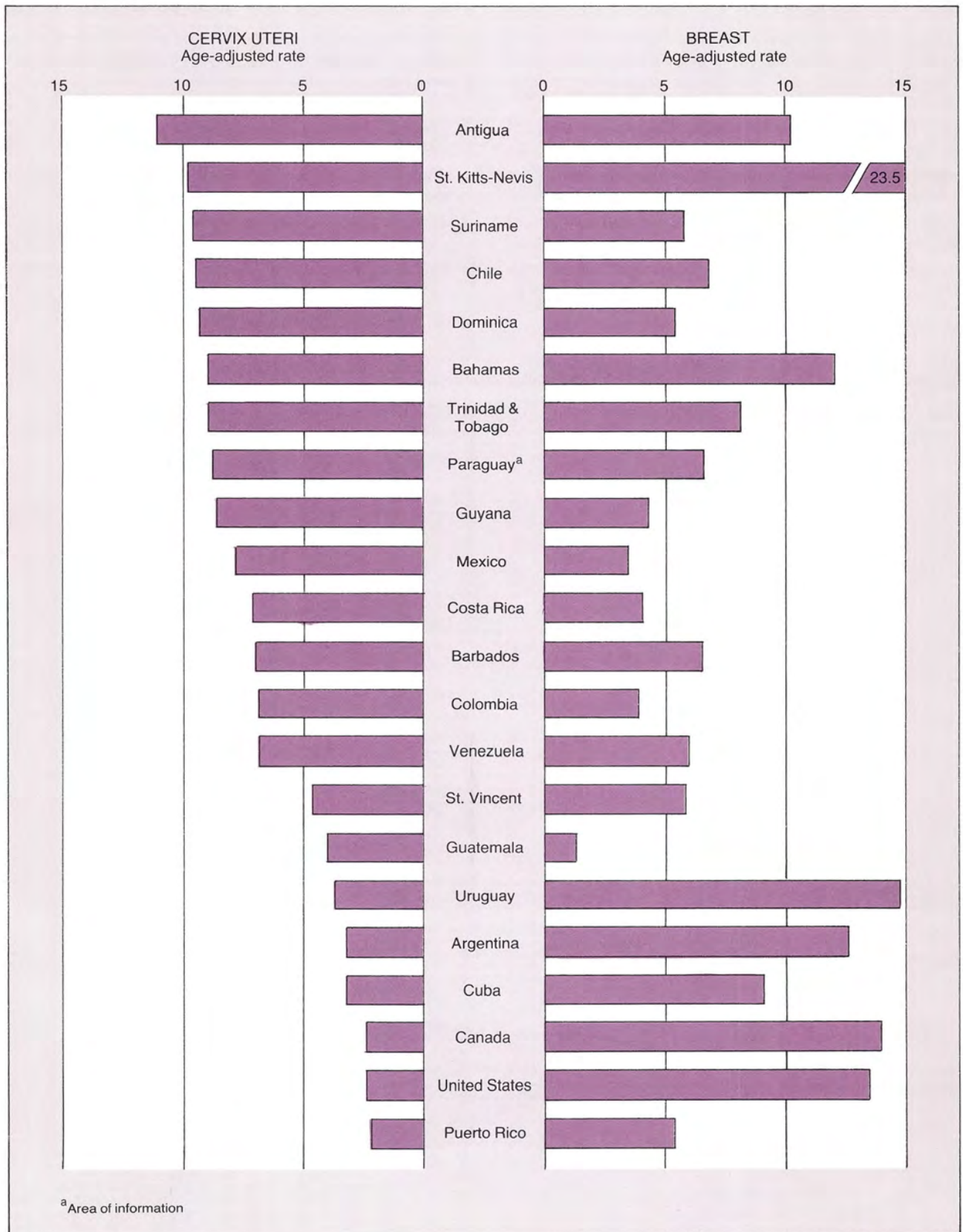




Figure 30. Age-adjusted death rates from malignant neoplasms of the cervix uteri, other parts of the uterus, breast, and larynx, per 100,000 population, by subregion, 1970 and around 1979.



Table 33. Age-adjusted death rates from malignant neoplasms of the stomach and lung per 100,000 population, by sex, selected countries, around 1979.

Country	Males		Females	
	Stomach	Lung (a)	Stomach	Lung (a)
Argentina	18.3	25.3	10.3	3.3
Canada	11.8	28.2	6.9	6.7
Chile	31.7	11.3	18.5	3.4
Colombia	13.2	5.6	10.4	3.0
Costa Rica	23.1	6.5	14.6	2.6
Cuba	8.6	20.6	4.6	7.1
Mexico	4.5	5.8	4.6	2.6
Puerto Rico	16.0	8.0	8.4	3.7
Trinidad and Tobago	9.0	7.1	6.7	2.1
United States	7.9	30.7	5.2	9.1
Venezuela	11.9	8.8	7.9	3.6

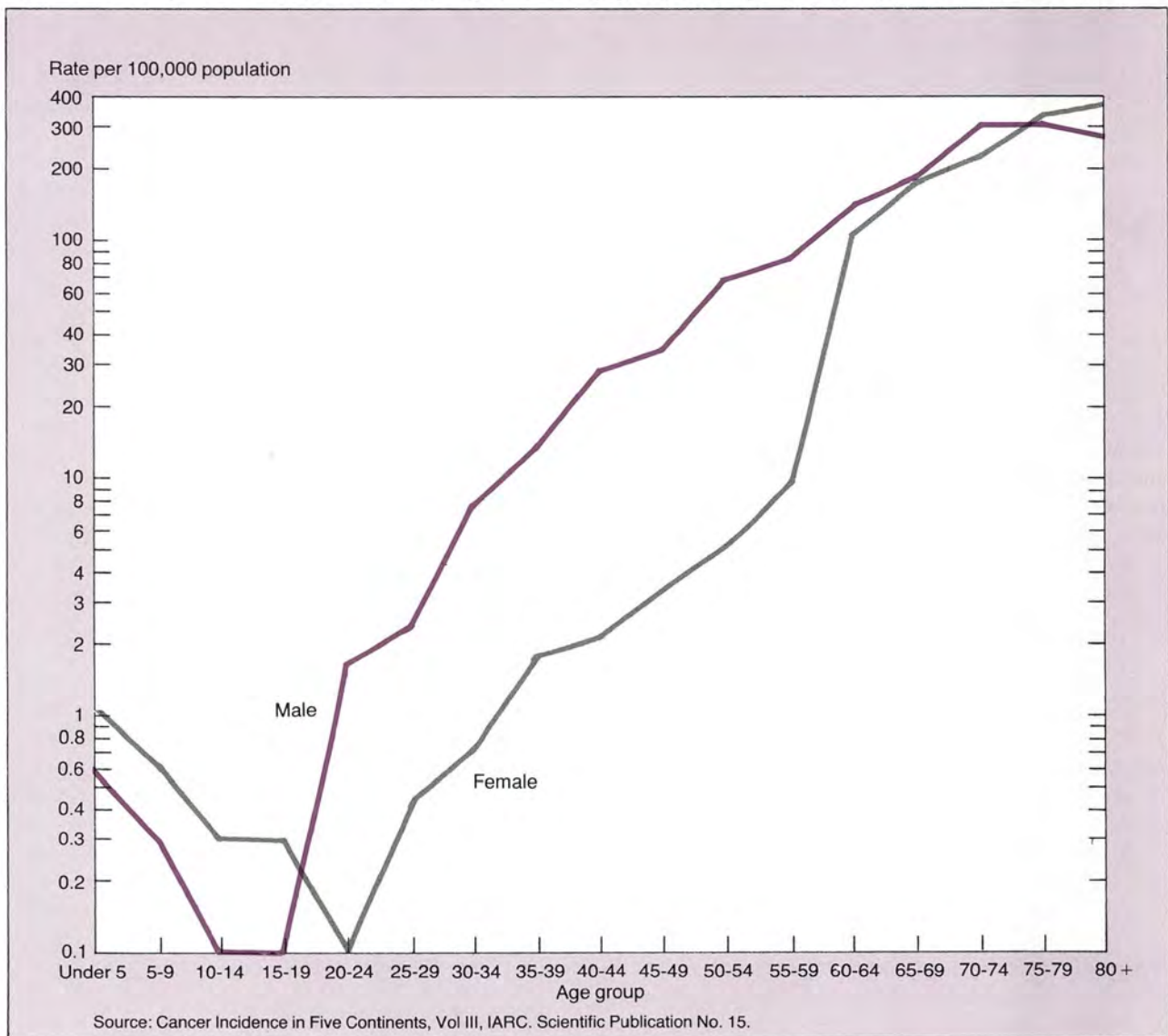
(a) Includes trachea and bronchus

Table 34. Incidence of malignant neoplasms of the skin with rates per 100,000 population, by sex, in three areas of the Region.

Area	Year	Sex	Incidence	
			Cases	Rates
Cali, Colombia	1967-1971	male	345	19.4
		female	413	20.3
Sao Paulo, Brazil	1969	male	711	25.5
		female	757	26.2
Cuba	1968-1972	male	3 622	16.7
		female	2 256	10.9

Source: Cancer Incidence in Five Continents, Vol. III, IARC, Scientific Publication No. 15, 1976.

Figure 31. Average incidence rate of skin cancer per 100,000 population by age and sex, São Paulo, Brazil, 1969.



incidence of this form of cancer in females. Skin cancer is primarily a disease of the aged; Figure 31 shows the distribution of skin cancer by age groups for São Paulo, Brazil.

## Accidents, Suicides, and Homicides

### Accidents

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#### *Goal of the Ten-Year Health Plan*

- Reduce the proportion of traffic accidents and consequently the deaths by at least 50 per cent. . .
- 

Deaths from accidents, homicides, and suicides continue to be a significant problem in the Region. In many countries these causes alone accounted for 10 to 15 per cent of all deaths (Venezuela, Bahamas, Nicaragua, Costa Rica, Colombia, Mexico, El Salvador, Chile, Cuba, and Honduras). This can be seen in Figure 32, which illustrates the percentage of all deaths due to motor vehicle accidents, all other accidents, suicide, and homicide, legal intervention, and operations of war in selected countries around 1979. Motor vehicle accidents increased in all of Latin America during the decade. Homicides rose in Northern America, the Caribbean, and Tropical South America while remaining very high in Continental Middle America. Percentage of deaths from accidents other than motor vehicle, though remaining fairly constant during the 1970s, still accounted for a very high proportion of deaths. Suicide was also a common cause of death throughout the Region.

The percentages of motor vehicle accident deaths per 100,000 population in selected countries shown in Figure 32 ranged from 7 in Venezuela to less than 1 in Uruguay, Guatemala, and Honduras. Figure 33 shows the increasing trend in selected countries where traffic accident death rates were high. In the period from 1960 to around 1979 the rate increased in Colombia from 7.6 to 14.7 per 100,000 population (93 per cent), in Costa Rica from 5.0 to 20.0 (300 per cent), in Ecuador from 8.8 to 23.0 (160 per cent), in Mexico from 3.0 to 18.3 (500 per cent), in Trinidad and Tobago from 15.0 to 21.3 (42 per cent) and in Venezuela from 16.5 to 36.7 (122 per cent).

Despite the goal of the Ten-Year Health Plan, traffic fatality rates either remained the same or increased. The occurrence of traffic accidents involves many factors such as the number of existing vehicles, the condition of the streets and roads, and behavioral and sociological factors such as drinking, aggressiveness, stress, etc. The increased number of vehicles in

the Region and the poor road conditions would appear to be connected with the increases in traffic accident fatality rates.

In many countries safety measures, the use of protective devices, and automobile safety design regulations are not enforced and could increase the risks. It is important that careful studies be made of the serious problem of traffic accidents as a means of ascertaining the effect of the above-mentioned factors, in order to obtain a better understanding of the problem.

Figure 34 shows that the rates were higher at every age for men than for women and were increasing dramatically in the 65 and over age group. Crude and age-adjusted death rates for the most recent year data were available for motor vehicle accidents and all accidents are found in Annex Table II-5b.

The group, entitled "all other accident deaths," includes, among others, those from transport accidents (other than motor vehicle), poisonings, falls, fires, drownings, accidents caused by firearms, accidents related mainly to industry, and undetermined deaths, that is, whether accidentally or purposely inflicted. This group is the cause of a significant number of deaths and the following countries reported around 1979 that between 5 and 10 per cent of all deaths were in this group: Chile, Bahamas, Mexico, Panama, Costa Rica, Colombia, Venezuela, and Ecuador. This group is an important cause of death in children 1-4, and of increasing importance in the 5-14 age group. The 15-24 group was the most affected. In Chile in 1979, 38 per cent of all deaths in this age group were due to this group of accidents; in Costa Rica the percentage was 25 and in Colombia it was 20 (1977).

### Suicides

One of the main problems in attempting to determine the true magnitude of suicides is that for several reasons these are probably underreported.

It is often difficult to obtain sufficient evidence that the cause of death was suicide. It is conceivable, for example, that many apparent accidental drug overdoses are in fact suicides.

Even with these problems suicides accounted for more than 1 per cent of all deaths in Canada, Cuba, El Salvador, Puerto Rico, Suriname, Trinidad and Tobago, United States, and Uruguay (see Figure 32). The age-specific rate brings out the different age patterns for males and females (see Annex Table II-5b and Figure 34). In males, rates appear to increase with age in the 15 to 24 year old group. The highest rates for females were in the 45-54 age group for



Figure 32. Percentage of deaths due to motor vehicle accidents, all other accidents, suicide, and homicide in selected countries of the Americas, around 1979.

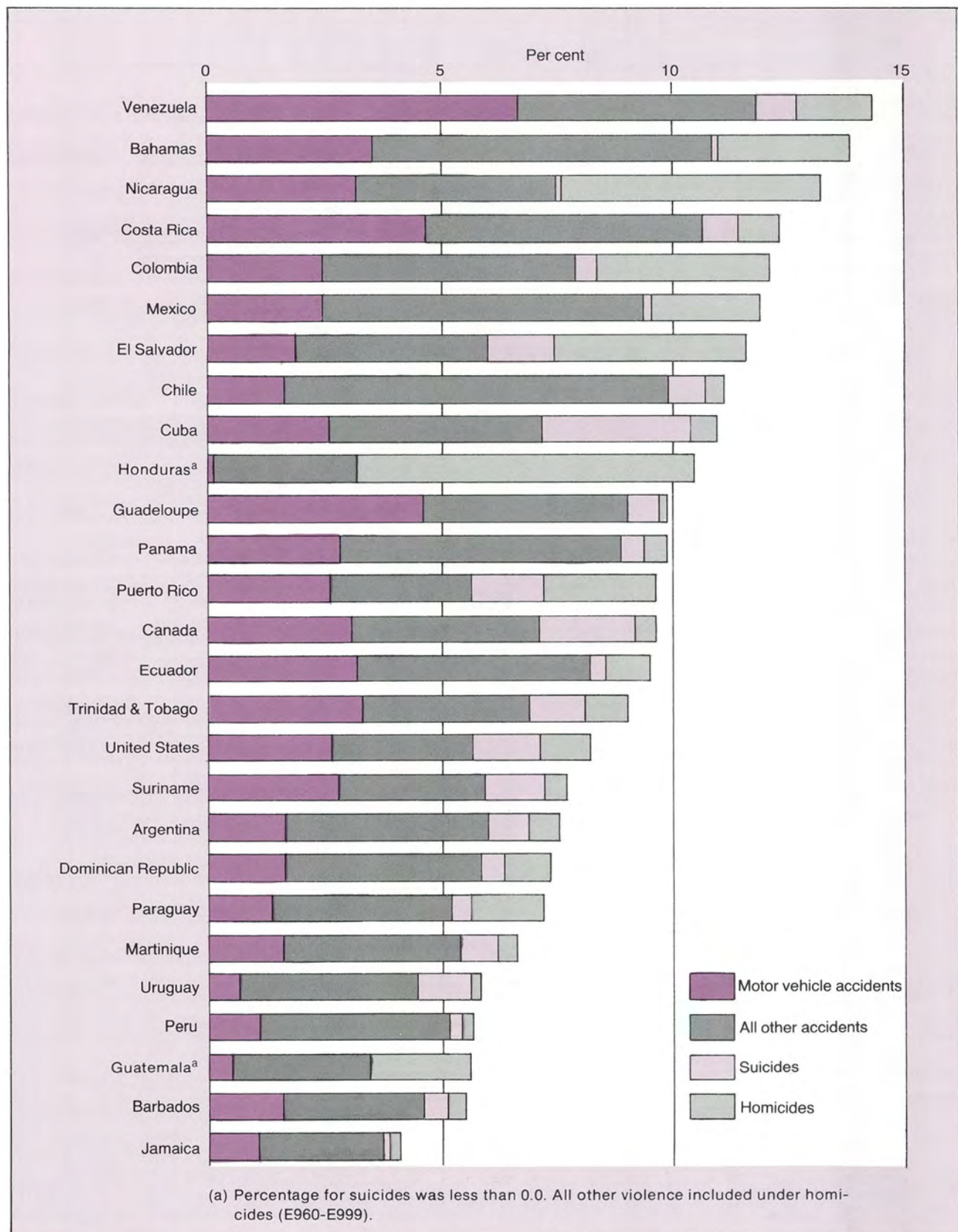


Figure 33. Deaths due to motor vehicle accidents, suicide, and homicide per 100,000 population in selected countries of Latin America, 1960-1979.

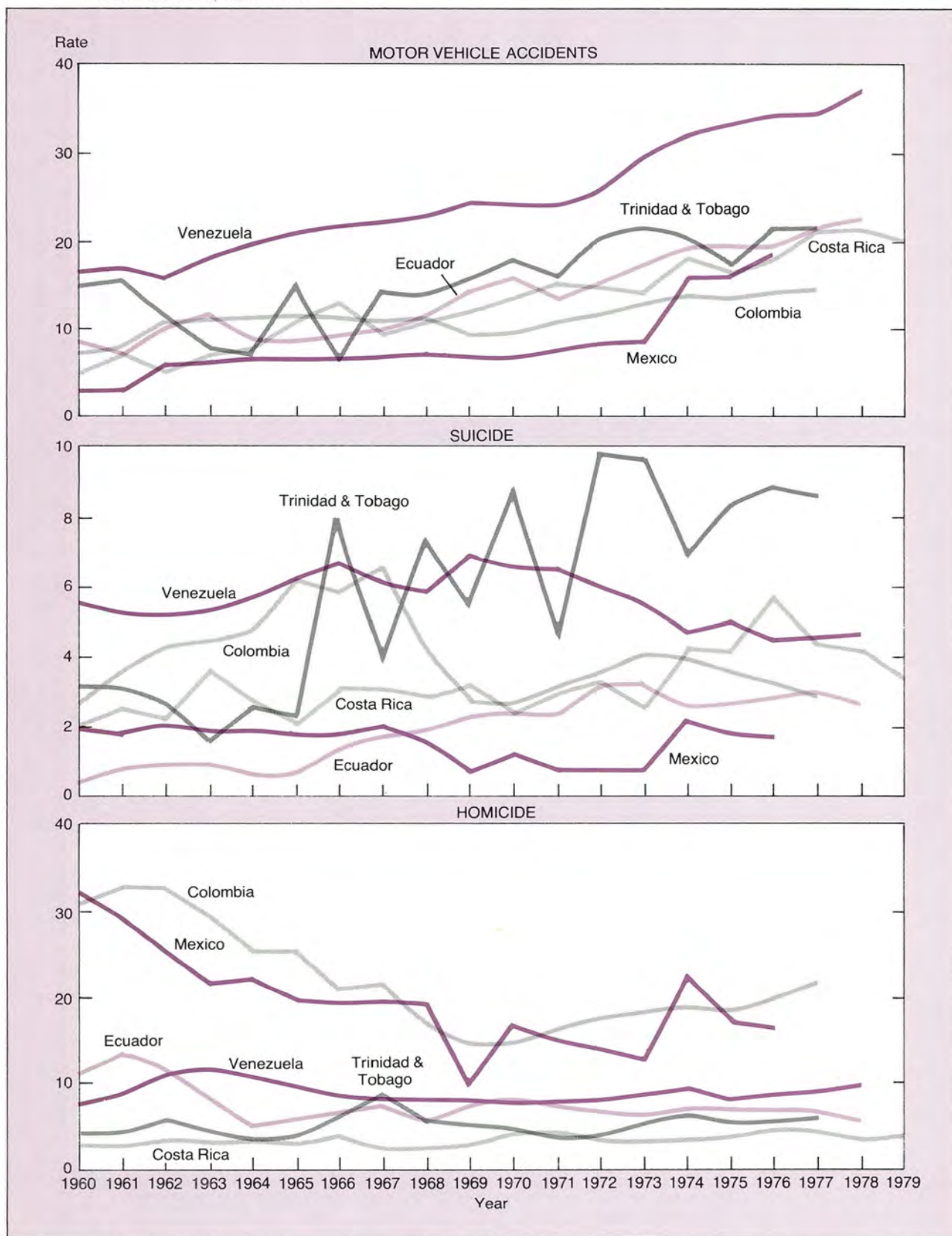
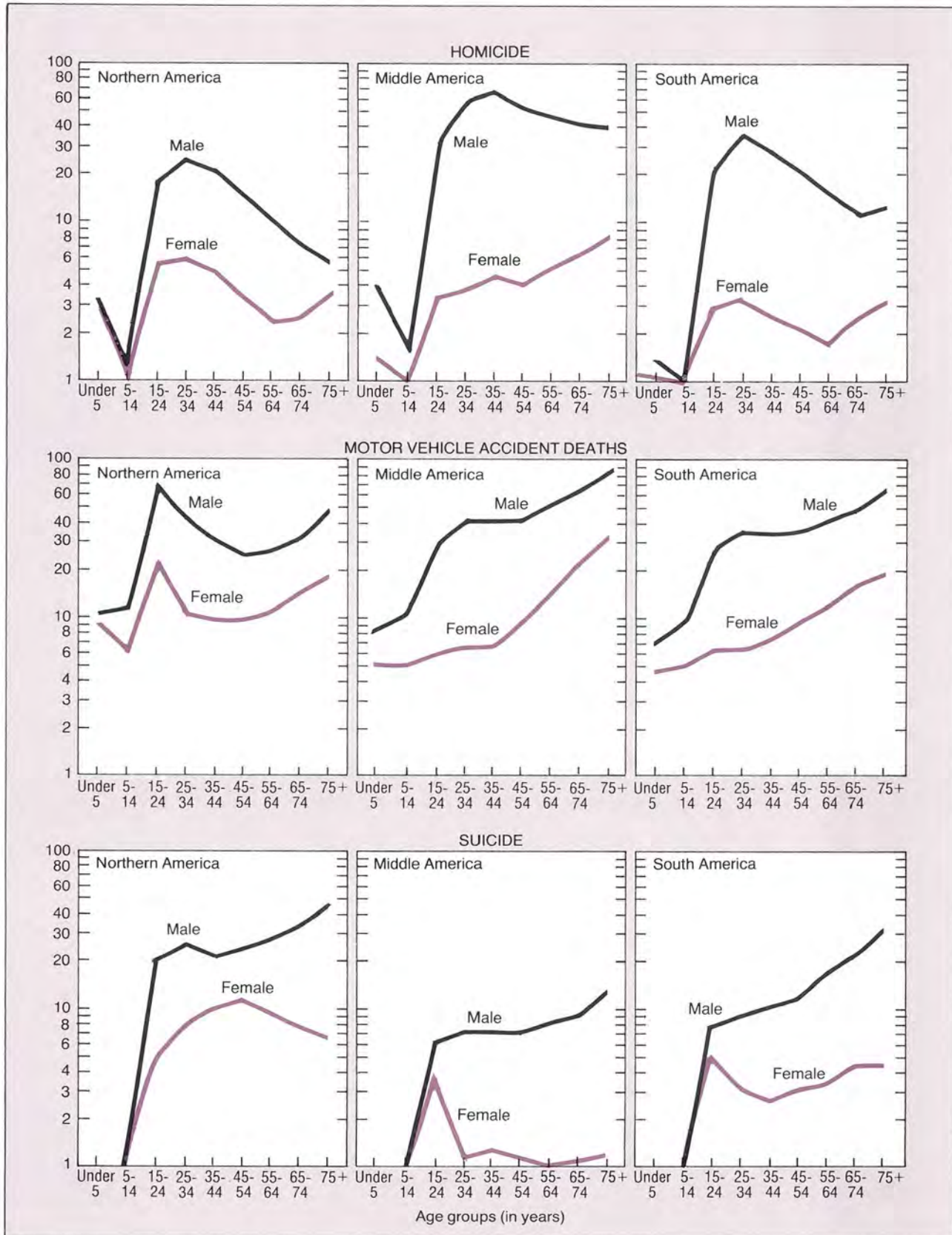




Figure 34. Number of deaths due to motor vehicle accidents, suicide, and homicide per 100,000 population, by age, sex, and subregion of the Americas, around 1979.



Northern America and the 15–24 group in Middle America and South America, as shown in Figure 34. Figure 33 presents a similar pattern of increase for suicides as that observed for motor vehicle deaths over the last two decades in the countries selected.

### ***Homicides***

The countries with a high percentage of deaths due to homicide, legal intervention, and operations of war ranged from Honduras (7), Nicaragua (6), El Salvador and Colombia (4), Guatemala, Mexico, Paraguay, and Venezuela (2) to the Dominican Republic and the United States at around 1 (see Figure 32). As can be seen from Figure 33, the homicide death rates for the countries selected remained constant or rose slightly between 1960 and 1979. Figure

34 presents the rates for females as considerably lower than for males in all age groups. The rates for men were highest in the 25–34 age group for Northern America and South America and in the 35–44 age group in Middle America. In some countries more than half of these deaths occurred in young men between 25 and 34 years of age.

The steadily increasing significance of accidents, homicides, and suicides as a cause of death in the Region is evident.

Crude and age-adjusted death rates for the most recent year data were available by age and sex for motor vehicle accidents, all other accidents, suicides, and homicides will be found in Annex Table II-5b.

The entire accident and violent death problem is a matter of considerable uncertainty as regards interpretation and this, together with its seriousness, constitutes a major challenge for researchers.

## HEALTH STATUS MEASURES: SPECIAL POPULATION GROUPS

### INTRODUCTION

The strategies for obtaining health for all by the year 2000 in the Region of the Americas recognize the need for extending primary health care services and improving the environment. The governments have emphasized that it is also necessary to improve access to such services for deprived population groups, with priority assigned to certain population groups which include children, women, and the elderly. For this reason, this chapter includes the following sections dealing with specific population groups: Infants and Children, Youth, Women, and the Elderly. Each group is analyzed with regard to its health status as reflected by general mortality and morbidity data and an indepth exploration of health problems specific to them as a subset of the population of the Region.

### INFANTS AND CHILDREN

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#### *Goals of the Ten-Year Health Plan*

- Reduce mortality in infants under one year of age by 40 per cent, within a range of 30 to 50 per cent.
  - Reduce mortality rates among children one to four years of age by 60 per cent, within a range of from 50 to 70 per cent.
- 

Infant and child health remains an extremely critical problem in the Region. The degree to which society protects its young against the high mortality risks of the early developmental years of life is closely related to levels of national economic and social development. Levels and trends of infant and child mortality, therefore, are frequently regarded as the principal indicators of national development, as well as of the health status of a population.

Most countries in Latin America do not have complete registration of vital events—births and deaths. Among the countries of the Region only 16 (which contain only about 20 per cent of the total population) are listed by the United Nations as having complete death registration.<sup>1</sup> There is therefore a serious lack of registration of infant deaths, particularly those occurring in the first few weeks of life. Since infant mortality is expressed as the proportion of deaths among babies born alive, problems of birth underregistration also affect the analysis of these data. The information used in this analysis was provided by the countries through the official mortality forms or other sources as indicated.

Children under 5 years of age comprise 7.2 and 15.4 per cent of the population of Northern America and Latin America, respectively. Figure 35 shows the estimated and projected growth in population in this age group from 1950 to the year 2000. The population increase in children under 5 in Northern America peaked in 1960 at 22.6 million and then declined to below the 1950 level during the 1960s and 1970s. The population is projected to peak again in 1990 and begin another levelling off during that decade. Latin America, on the other hand, shows a steady, sharp increase in the population of children in the Region, projected to reach 81 million by the end of the century. Most of this growth will be in Continental Middle America and Tropical South America. Since this population group is the target of most major health programs of the Region as demonstrated by mortality and morbidity data, the sheer increase in numbers will have a major impact on attempts to plan and evaluate progress in achieving the goals of the Regional strategies of health for all by the year 2000.

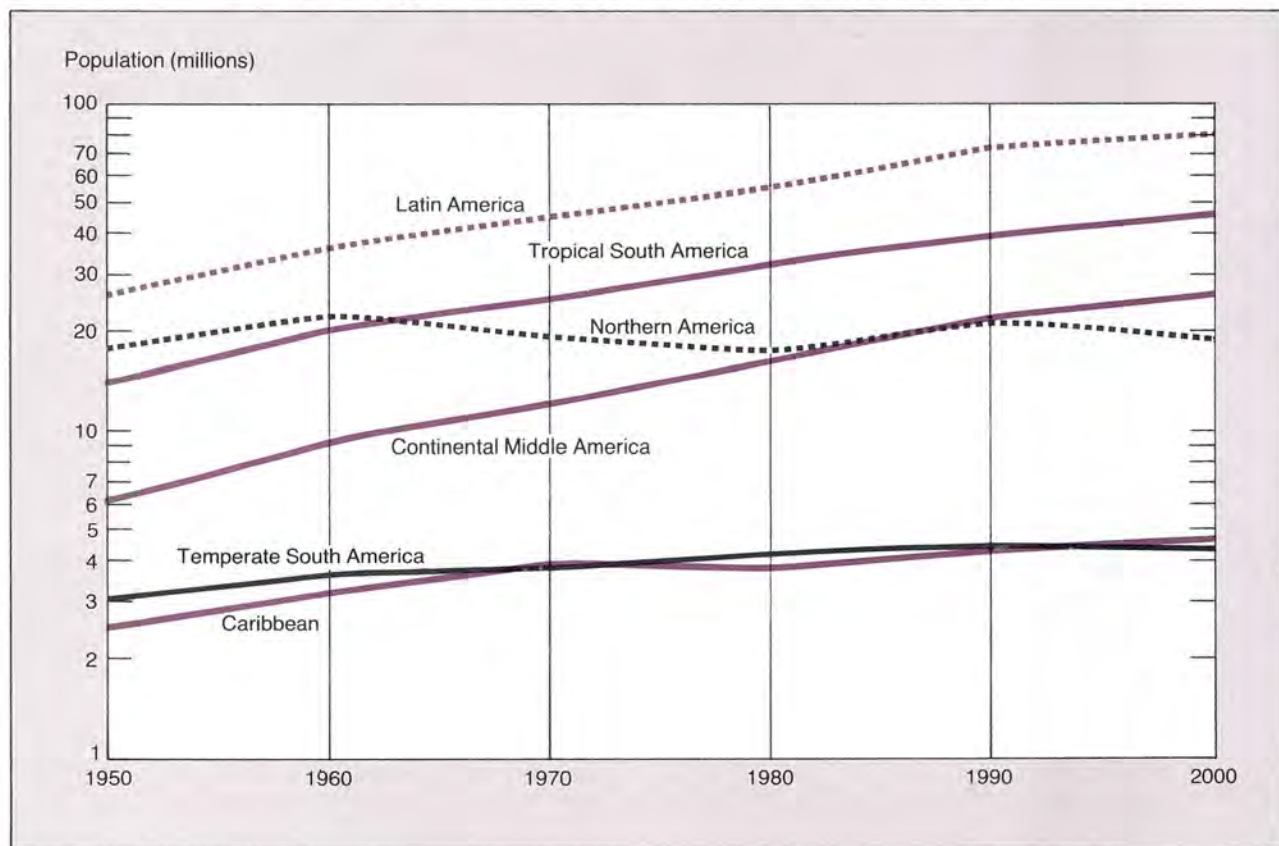
Annex Table III-1 shows the percentage of all deaths occurring in children under 5 years of age, in-

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<sup>1</sup>United Nations. *Demographic Yearbook*, several issues.



Figure 35. Estimated and projected population under 5 years of age in the Americas, 1950–2000.



fants under 1 and children from 1–4 for the Region, around 1979. More details are presented in Table 35 by subregion for 1970 and around 1979. In Northern America 2.4 per cent of all deaths occurred under age 1 and 0.4 per cent in the 1–4 group in 1979. This was down slightly from 1970 when the percentages were 3.9 for infants and 0.6 for children 1–4. In comparison, approximately 27 per cent of all deaths in Tropical South America, 24 per cent in Continental Middle America, 19 per cent in the Caribbean, and 16.7 per cent in Temperate South America occurred in the under 1 age group in 1970. By 1979 the percentages were lower in infants in Tropical and Temperate South America (24.0 and 11.5) and significantly lower in the Caribbean (10.5), but increased from 24 to 28 in Continental Middle America.

The percentage of all deaths in 1970 and around 1979 was considerably lower for the 1–4 age group than for infants in the Latin American subregions. Continental Middle America registered 19.5 per cent in 1970 and 15.4 around 1979; the Caribbean reported 4.5 in 1970 and 3.0 in 1979; Tropical South America recorded 16.5 in 1970 and 10.5 around

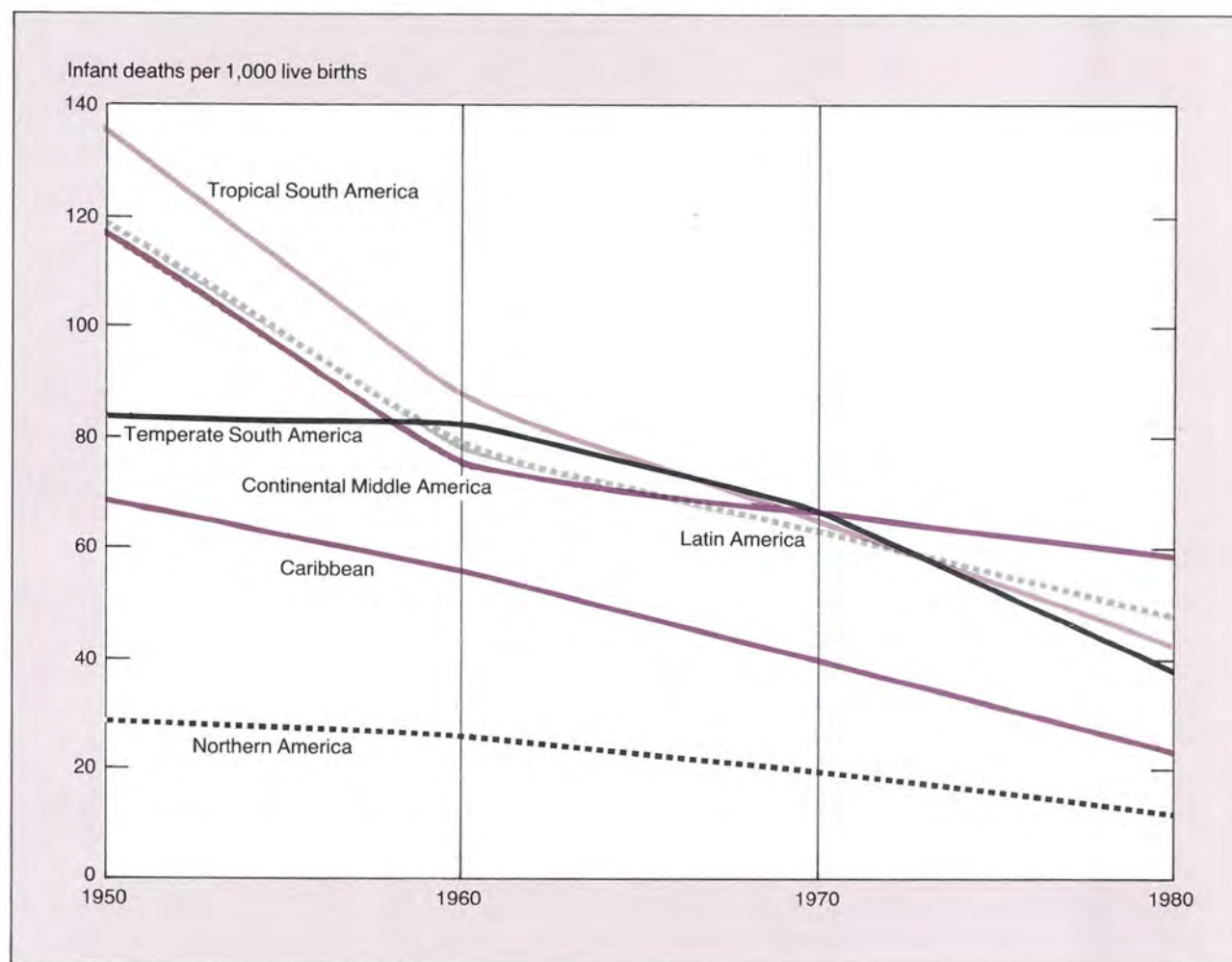
1979; and Temperate South America registered 3.1 in 1970 and 1.9 around 1979. All subregions reflected a decrease in the percentage of all deaths which occurred in the 1–4 age group of children.

The circumstances surrounding childbirth and the first year of life improved in many parts of the Region in the past 30 years. In 1950, a total of 119 of every 1,000 live births died before their first birthday in Latin America (Figure 36). This rate was extremely high when compared to the 30 out of 1,000 babies dying in the first year of life in Northern America. This same figure depicts the dramatic decline in infant mortality rates over the three decades for Northern America and Latin America and its subregions. The greatest drop in the infant mortality rate during this time was registered in Tropical South America: from 135 to 43 per 1,000 live births. Equally dramatic was the reduction in Continental Middle America to 59 around 1980 from a high of 117 in 1950. The Caribbean and Temperate South America also showed marked progress in reducing infant death rates from 69 and 84 to 23.4 and 38.3 per 1,000 live births, respectively. Northern America achieved the lowest infant mortality rate of

Table 35. Deaths in children under 1 and 1-4 years of age as a percentage of all deaths, by subregion, 1970 and around 1979.

Subregion	1 9 7 0		1 9 7 9	
	Under 1 year	1-4 years	Under 1 year	1-4 years
Northern America	3.9	0.6	2.4	0.4
Caribbean	19.2	4.5	10.5	3.0
Continental Middle America	24.0	19.5	28.4	15.4
Temperate South America	16.7	3.1	11.5	1.9
Tropical South America	27.1	16.5	24.0	10.5

Figure 36. Trends in infant mortality in the Americas, by subregion, around 1950, 1960, 1970, and 1980.





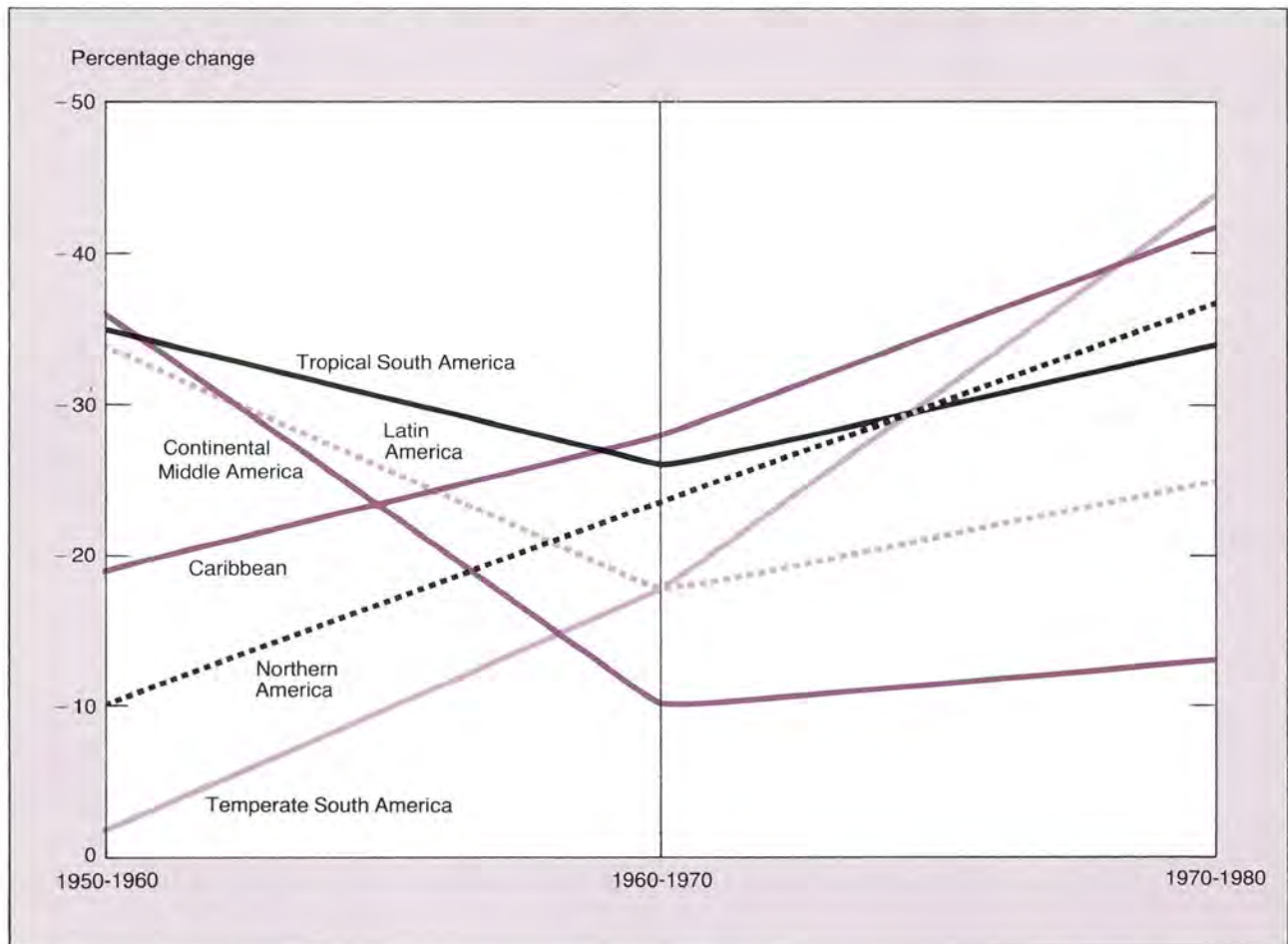
an estimated 12.5 by 1980—a remarkable drop of more than 57 per cent during the 30-year period.

Progress in the Region is further documented in Figure 37, which shows the percentage change in infant mortality from 1950–1980. It should be kept in mind that data for the 1950 period were obtained from a variety of sources and a number of estimating procedures based on survey and census information, since reported rates in some cases were suspect. However, these estimates are contained in the figures in order to include countries representing a large enough segment of the population (84 per cent) to permit analysis of the 30-year period. These data show clearly the differential in progress in reducing infant deaths in the subregions. Tropical South America and Continental Middle America displayed the highest percentage of change in the 1950s: –35 per cent and –36 per cent, respectively. The Caribbean was next at –19 per cent followed by Northern America at –10 per cent and Temperate South America at only –2 per cent. During the 1960s, the Caribbean achieved the greatest

percentage change in the Region (–28) followed closely by Tropical South America (–26). Northern America showed a percentage change of –24, with Temperate South America –18 and Continental Middle America only –10 for the period. During the 1970s progress in reducing infant mortality was again universal in the Region. Temperate South America achieved the greatest percentage reduction with –44, followed by the Caribbean –42, Northern America –37, Tropical South America –34, and Continental Middle America –13.

The differential in the Latin American subregions in terms of the level of their annual percentage reduction in infant mortality is of interest here. Temperate South America, for example, showed very little progress in the 1950s (the data for 1950 may have contributed to the low percentage reduction)—an average per cent reduction of only –.02, but moved up to the Latin American regional percentage of –1.8 by the end of the 1960s. By the close of the 1970s Temperate South America had recorded the largest annual de-

Figure 37. Percentage change in infant mortality in the Americas, by subregion, 1950–1960, 1960–1970, and 1970–1980.



cline of  $-4.4$  per cent. Conversely, Continental Middle America produced an annual per cent reduction in infant mortality during the 1950s of  $-3.6$ , but that rate dropped off during the 1960s to a  $-1.0$  annual per cent change, and continued on through the 1970s at essentially the same  $-1.3$  per cent level decrease per year. Meanwhile, the Caribbean showed steady improvement over the 30-year period, moving progressively from a  $-1.9$  annual per cent reduction in infant mortality to  $-2.8$  and then to  $-4.2$  by the end of 1979. Tropical South America maintained an impressive and steady pace of annual change of  $-3.5$ ,  $-2.6$ , and  $-3.4$  per cent in the 1950s, 1960s, and 1970s, respectively.

In 30 years the infant mortality rate dropped 60 per cent in Latin America.<sup>2</sup> More than 904,000 babies survived in 1980 who would have died if the 1950 rate had prevailed; about 376,000 babies lived who would have died according to the 1960 infant mortality rate; and 202,000 survived who would have died had the 1970 rate prevailed.

These numbers show dramatic improvement in the survivability of infants in Latin America over the past 30 years. There is, however, no reason to feel complacent or to view the current levels as being as low as they can or should be. For example, within the Region there is a great variation in infant mortality rates. The 1979 rate for the Caribbean is 60 per cent lower than that for Continental Middle America, and 46 per cent lower than that of Tropical South America (Figure 36).

If the rate for Northern America is used as a reference and applied to Latin America's live births for 1980, the excess infant deaths in the region is still approximately 456,000.

Information on infant deaths by country is presented in Annex Table III-2 with rates per 1,000 live births for 1960, 1970, and from 1976-1979. In 1979 or during the most recent year with data available, infant mortality rates by country showed great variation in Latin America. Trinidad and Tobago had the lowest rate at 21.6 per 1,000 live births and Guatemala had the highest at 72.3. This means that for every 1,000 live births, about 50 more babies died in Guatemala than in Trinidad and Tobago. Among 29 countries with data available in 1970 and around 1979, infant mortality rates decreased in all but three—Antigua, Bahamas, and Suriname—where rates remained essentially unchanged.

The goal of 40 per cent reduction in infant mortality rates established by the Ten-Year Health Plan had been surpassed by 1979 in six countries (Belize, 45.8, Chile, 53.8, Costa Rica, 64.1, Dominica, 51.4, Paraguay, 49.8, and Peru, 46.1) (Figure 38). Fully meeting the goal (that is, within the range of 30 to 50 per cent reduction), were Argentina, Canada, Cuba, Dominican Republic, Nicaragua, St. Vincent, Trinidad and Tobago, United States, and Venezuela. A reduction of 29.7 per cent placed Puerto Rico very near the lower limit of the goal.

Causes of death in infants under 1 year of age have attendant problems associated with underreporting and lack of medical certification as has been pointed out. In addition, cause of death analysis in infants and in children aged 1-4 in developing countries of the Region is made even more difficult by the fact that a large proportion of their deaths are classified in the "ill-defined" or "unknown" causes category. For a selected group of countries, Table 36 shows that the percentage of deaths in this category (Group H in the table) ranged from 5.2 in Barbados to 28.6 and 30.0 in Nicaragua and El Salvador, respectively. The classification problem with these data has an unknown effect on levels and trends within each specific cause of death, and this should be borne in mind when looking at the analysis of specific problems of infants and children 1-4 presented later in this chapter.

For these reasons, the following analysis is based on broad aggregates of causes of deaths instead of individual ones.<sup>3</sup> Hopefully, these groupings may compensate for at least part of the misclassification of causes of death.

Clearly, the greatest proportion of infant mortality is still in the area of communicable diseases. Examining only those deaths from known causes, more than 75 per cent in infants under 1 year are due to causes related to respiratory illness (Group A), digestive system illness (Group B), perinatal difficulties (Group C), and infectious and parasitic diseases (Group D). When perinatal deaths are excluded, around 45 per cent of the known causes are concentrated in the other three aggregations of causes of death.

Of interest with this same group of countries is the decline in perinatal mortality as a percentage of all

<sup>3</sup>The broad groupings are: *Group A*, causes related to the respiratory system excluding tuberculosis (ICD-8, Nos. 460-519); *Group B*, causes related to the digestive system (including enteritis and dysentery) (008, 009, 520-577); *Group C*, perinatal deaths (760-779); *Group D*, infectious and parasitic diseases (000-007, 010-136); *Group E*, accidents and other violence (E800-E999); *Group F*, cancer (140-239); *Group G*, residual (excluding ill-defined); and *Group H*, ill-defined and unknown (780-796).

<sup>2</sup>While the infant mortality rate for Latin America declined by about 60 per cent between 1950 and 1980, the number of infant deaths declined by less than 25 per cent. This relative difference was due to the great population growth in Latin America during the 30-year period—124 per cent (an annual growth rate of 2.7 per cent).

Figure 38. Achievements in reducing infant mortality rates during 1970-1980 in relation to the goal of the Ten-Year Health Plan, by country.

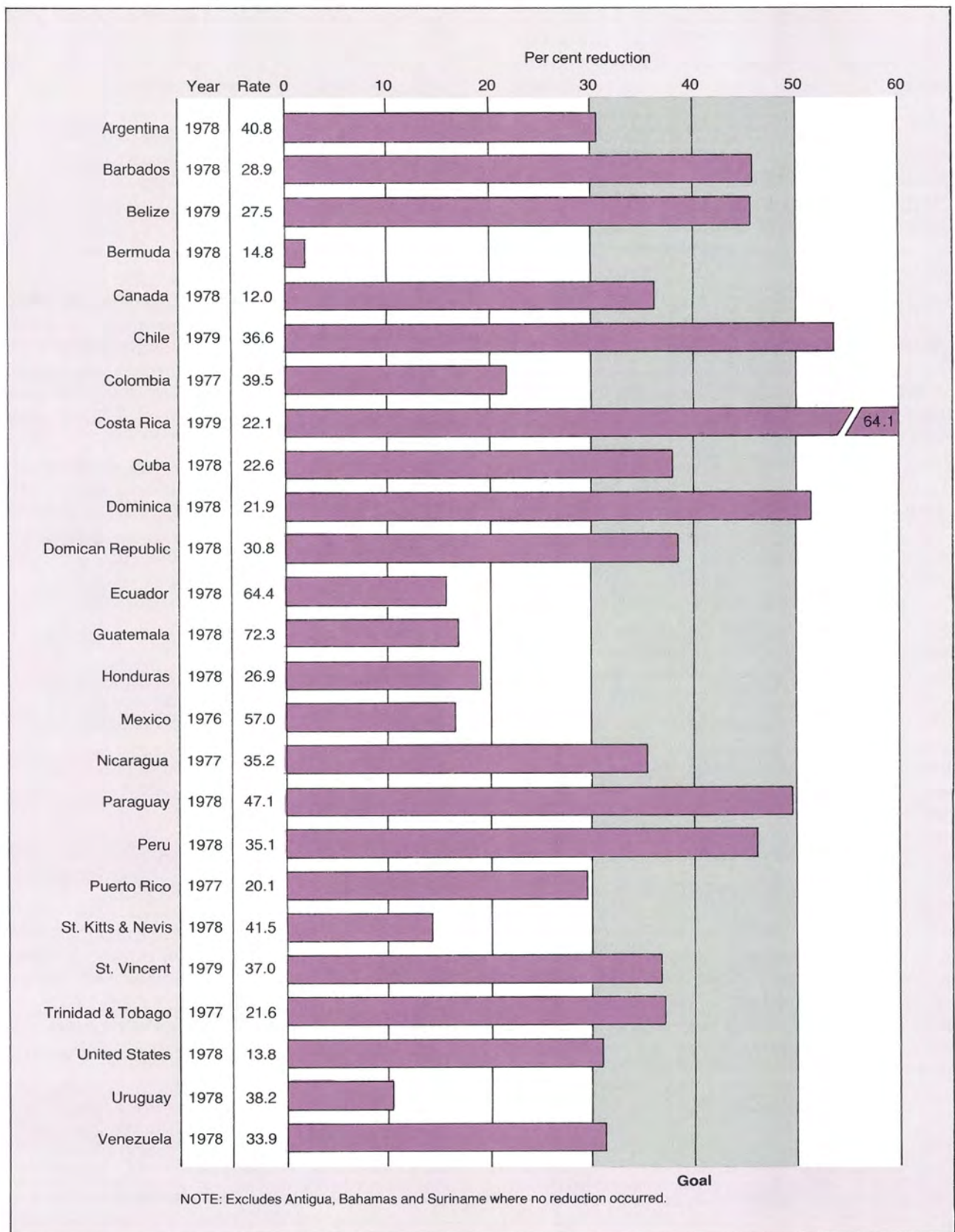




Table 36. Percentage distribution of deaths in children under 1 and 1-4 years of age by certain groups of causes, selected countries, around 1979.

Groups of causes<sup>(a)</sup>

Country	Year	Under 1 year								
		Total	A	B	C	D	E	F	G	H
Argentina	1979	100.0	11.8	10.4	37.0	10.0	2.5	0.3	13.6	14.4
Barbados	1978	100.0	16.0	4.0	48.0	11.2	3.2	1.6	10.8	5.2
Colombia	1977	100.0	23.7	23.2	22.0	8.9	1.0	0.2	9.9	11.1
Costa Rica	1979	100.0	12.7	9.8	38.1	7.2	1.4	0.8	8.2	21.8
Cuba	1978	100.0	14.2	8.7	43.1	6.9	(b)	0.4	6.1	20.6
Dominican Republic	1978	100.0	8.3	17.2	27.5	14.4	0.6	0.2	11.0	20.8
El Salvador	1974	100.0	14.7	25.1	16.1	6.0	0.4	0.1	7.6	30.0
Guatemala	1978	100.0	21.7	19.2	29.1	10.6	(b)	0.1	5.8	13.5
Mexico	1976	100.0	30.1	25.3	17.3	6.9	2.0	0.2	3.0	15.2
Nicaragua	1977	100.0	10.2	36.5	2.1	14.4	0.7	0.2	7.3	28.6
Trinidad and Tobago	1977	100.0	13.8	27.5	40.8	2.0	2.2	0.2	7.0	10.9
Uruguay	1978	100.0	7.9	11.7	42.9	7.4	1.9	0.2	8.2	19.8
Venezuela	1978	100.0	11.8	18.0	32.5	8.5	2.8	0.2	9.0	17.2
		1-4 years								
Argentina	1979	100.0	13.4	10.9	-	11.9	17.8	5.0	9.7	31.3
Barbados	1978	100.0	34.6	-	-	-	19.2	15.4	7.7	23.1
Colombia	1977	100.0	23.7	23.0	-	17.4	7.3	1.2	3.7	23.8
Costa Rica	1979	100.0	13.1	10.2	-	15.3	21.1	4.0	3.6	32.7
Cuba	1978	100.0	20.5	6.3	-	12.3	(b)	8.4	5.9	46.6
Dominican Republic	1978	100.0	14.3	16.8	-	9.7	5.1	0.7	4.7	48.7
El Salvador	1974	100.0	11.8	31.8	-	6.1	2.5	0.4	2.7	44.7
Guatemala	1978	100.0	19.6	31.6	-	22.2	(b)	0.3	5.6	20.7
Mexico	1976	100.0	24.0	26.1	-	16.8	7.7	0.9	4.3	20.2
Nicaragua	1977	100.0	9.5	31.0	-	19.7	4.4	0.7	3.1	31.6
Trinidad and Tobago	1977	100.0	15.0	35.3	-	1.5	21.1	3.0	7.5	16.6
Uruguay	1978	100.0	11.8	8.3	-	4.8	21.4	8.7	8.8	49.4
Venezuela	1978	100.0	19.4	16.4	-	10.8	13.6	2.6	10.6	26.6

(a) Groups are defined as follows: A, causes related to the respiratory system, excluding tuberculosis; B, causes related to the digestive system, including enteritis and dysentery; C, perinatal deaths; D, infectious and parasitic diseases; E, accidents and other violence; F, neoplasms; G, all other diseases, excluding ill defined and unknown conditions; H, ill-defined and unknown conditions; (b) included in group G.

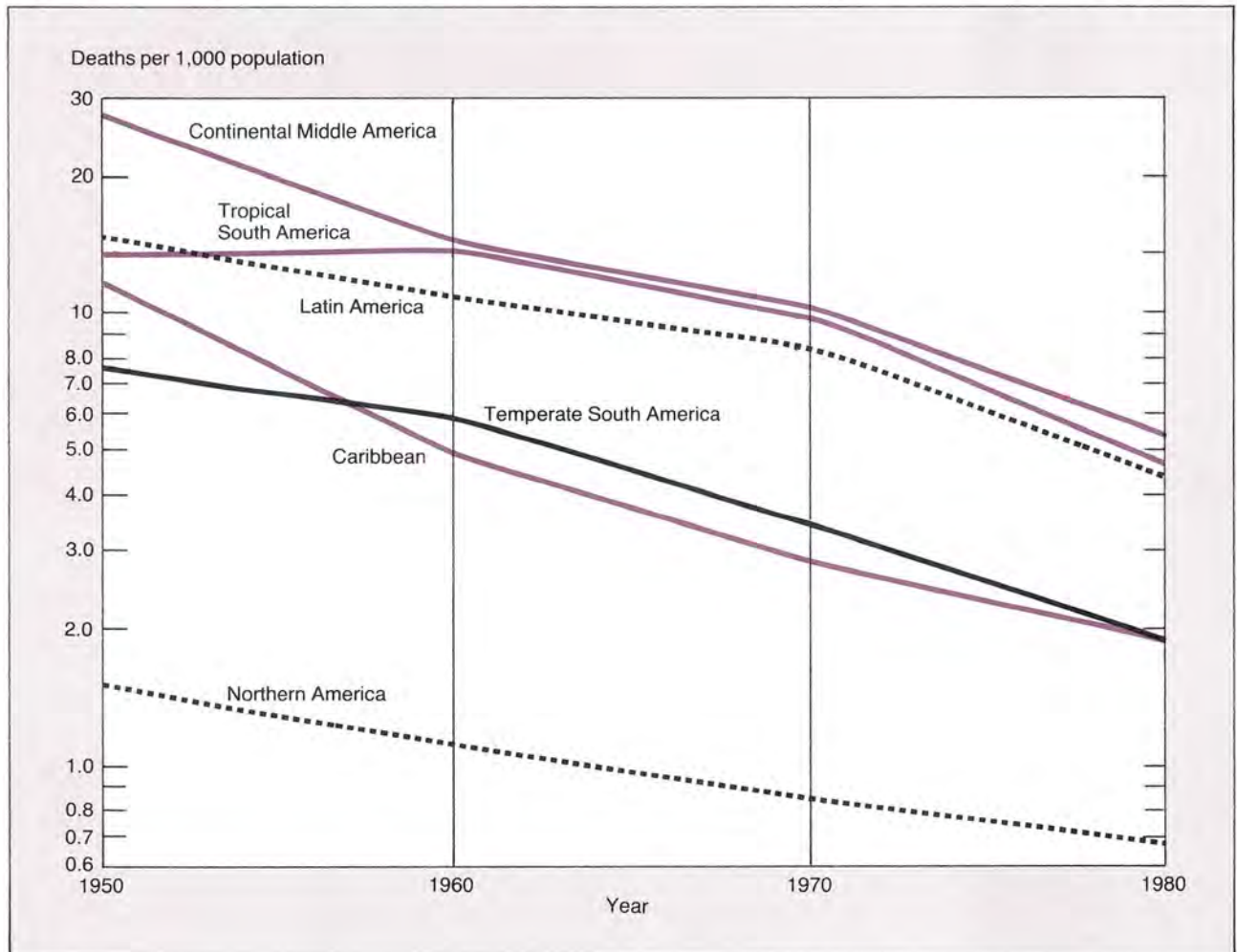
infant deaths discernible in Table 37 between 1960 and 1970. The number of deaths associated with complications of delivery, prematurity, and infections in the newborn declined in all countries and this contributed most significantly to the total decline in infant mortality for that period in each country. Noteworthy also was the change in direction between 1979 and 1980. In seven of 13 countries with data for all three years the proportion of all infant deaths attributed to perinatal causes increased. In four more the percentage remained about the same and a slight decline was registered in the other two. This is obviously the successful result of achieving a decline in the proportion of infant deaths attributable to other causes.

Excluding perinatal deaths around 1979, the most

Table 37. Percentage of deaths due to perinatal causes, selected countries, around 1960, 1970, and 1980.

Country	1960	1970	1980
Argentina	35.9	23.6	37.0
Barbados	56.4	48.2	48.0
Colombia	27.8	19.2	22.0
Costa Rica	23.8	18.1	38.1
Cuba	48.8	39.6	43.1
Dominican Republic	63.3	28.7	27.5
El Salvador	59.4	18.8	16.1
Guatemala	42.5	18.2	29.1
Mexico	39.5	17.3	17.3
Nicaragua	39.1	6.5	2.1
Trinidad and Tobago	56.3	41.5	40.8
Uruguay	55.2	33.6	42.9
Venezuela	29.3	24.2	32.5

Figure 39. Mortality trends in children 1-4 years of age in the Americas, by subregion, around 1950, 1960, 1970, and 1980.



significant group of causes was Group B—diseases of the digestive system. This was the most important group in El Salvador (25.1 per cent), Mexico (25.3 per cent), Nicaragua (36.5 per cent), and Trinidad and Tobago (27.5 per cent). Group A representing deaths due to respiratory illness was the leading group in Colombia (23.7), Guatemala (21.7), and Mexico (30.1 per cent).

The decline in mortality rates for children from 1–4 years of age has been even more significant than that for infants. Since 1950 child mortality rates (measured by the chances that a child will die from exact age 1 to exact age 5) declined for Northern America from 1.5 per 1,000 population in 1950 to 0.7 per 1,000 population around 1980, representing a percentage reduction of  $-53$  (Figure 39). Rate reduction for Latin America was from 14.8 in 1950 to 4.4 around 1980 which represents a percentage reduction of  $-70$ . This

differential means that for every 1,000 children in the Region between the ages of 1–4 years, six more die in Latin America than in Northern America. Moreover, the excess mortality figure would be 163,000 if the Northern American rate were applied to the 1980 population of children 1–4 years of age in Latin America.

Significant progress has been made, however, in reducing child mortality. During the 30-year period from 1950 to 1980, Continental Middle America experienced a reduction in the child mortality rate from 27.5 per 1,000 population in 1950 to 5.4 per 1,000 around 1980; the Caribbean from 11.7 in 1950 to 1.9 around 1980; Temperate South America from 7.5 in 1950 to 1.9 in 1980; and Tropical South America from the 1950 level of 13.6 to 4.7 around 1980.

Figure 40 shows the percentage reduction in child mortality rates by subregion of Latin America for each

Figure 40. Percentage change in mortality in children 1–4 years of age in the Americas, by subregion, 1950–1960, 1960–1970, and 1970–1980.

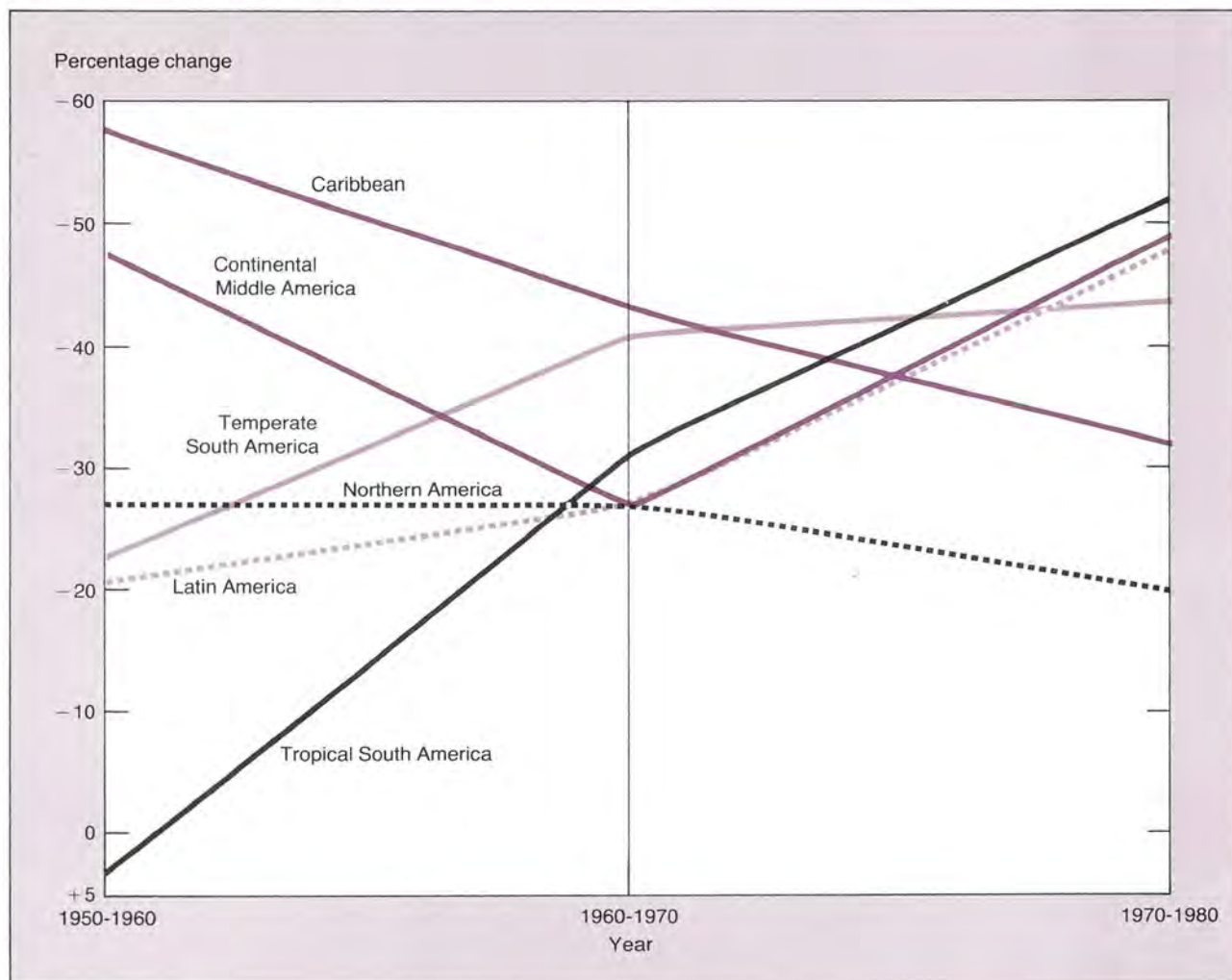
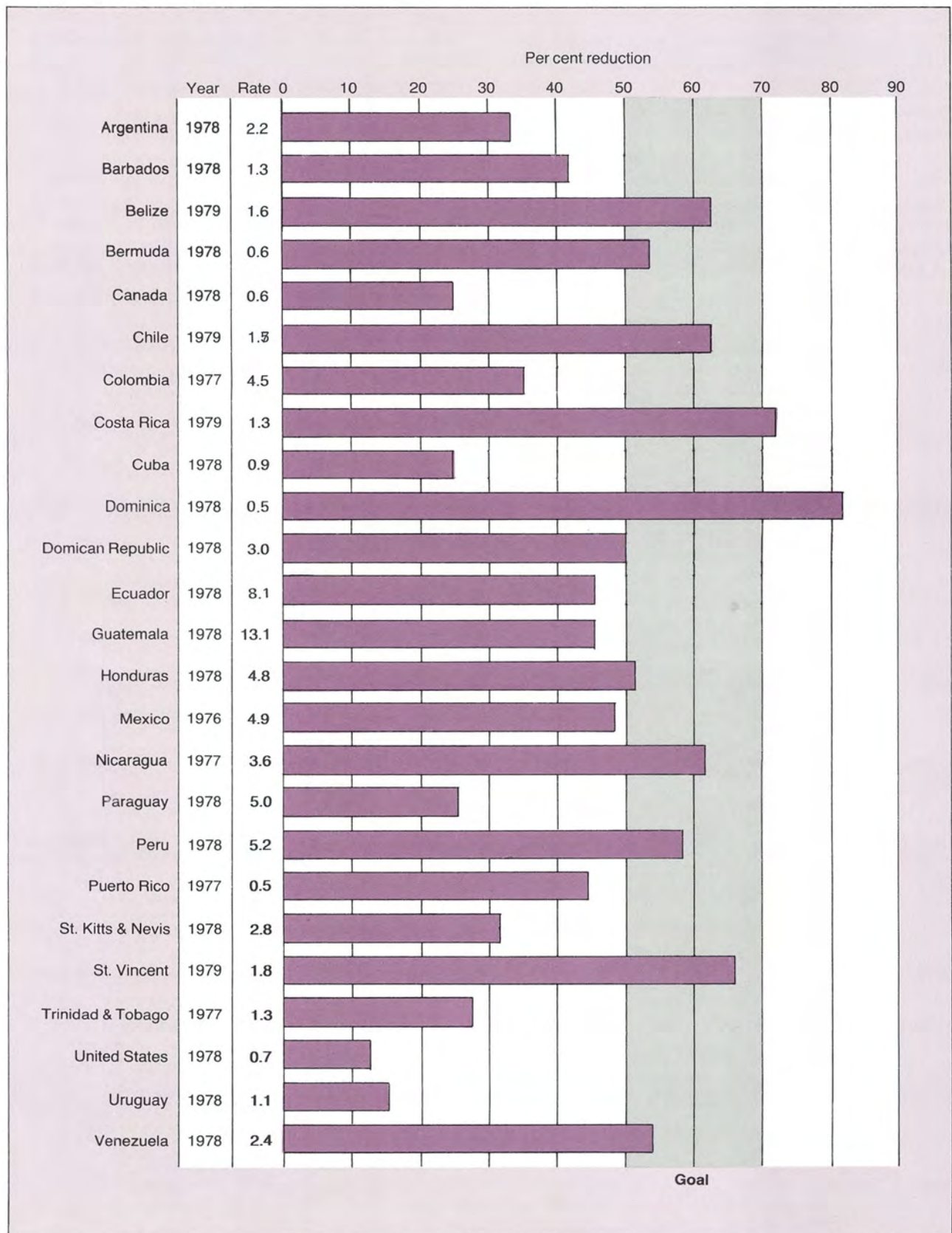




Figure 41. Achievements in reducing mortality in children 1-4 years of age during 1970-1980 in relation to the goal of the Ten-Year Health Plan.



of three decades: 1950–1960, 1960–1970, and 1970–1980. The trends do not follow similar patterns among the subregions. During the 1950s, the Caribbean exhibited a high percentage reduction (–58) then slowed somewhat during the next two decades (–43 and –32 per cent). Continental Middle America experienced a high percentage drop in the 1950s (–48), dropped to a lower level in the 1960s (–27), and then increased to another high level (–48) during the 1970s. Temperate South America showed an even different curve, that is, –23 per cent reduction in the 1950s extending to a very high level throughout the next two decades (–41 in the 1960s and –44 in the 1970s). Tropical South America experienced an increase in child mortality during the 1950s, shifted to a high per cent reduction during the 1960s (–30), and then achieved the highest reduction of all four subregions during the 1970s (–51). None of the subregions fully met the Ten-Year Health Plan goal of reducing child mortality by 60 per cent by the end of the 1970s. Tropical South America came within the range of 50 to 70 per cent and Continental Middle America and Temperate South America were very close to the goal's lower range with 49 and 44 per cent, respectively.

Comparing the rate of decline between infant and child mortality in Figures 36 and 39, it appears the rate of decline was faster for the former than the latter—an observation which is certainly clear in the first decade. Thereafter, the line seems to follow a similar path through the next two decades including a slight rise in both groups at the close of the 1960s.

As for progress in reducing child mortality by individual countries, Annex Table III-1 shows the percentage of all deaths occurring in children 1 to 4 by country for 1960, 1970, and 1977–1980. Annex Table III-3 provides the number of deaths and rates for children 1–4 per 1,000 population by country for these years. As with infant mortality rates, the child mortality rates showed great variation by country around 1979 in Latin America. The Dominican Republic had the lowest rate at 0.6 per 1,000 population, followed closely by Antigua and Dominica at 0.8 and 0.9, respectively. Guatemala had the highest rate at 13.1. This means that for every 1,000 children aged 1–4, 12 more died in Guatemala than in the Dominican Republic, Antigua, or in Dominica. Of 29 countries with data available both in 1970 and around 1980, child mortality rates decreased in every one.

The Ten-Year Health Plan goal of percentage reduction in child mortality had been fully met or surpassed by eight countries (Belize, 62.8, Colombia, 77.9, Cuba, 85.6, Dominica, 81.6, Dominican Republic, 89.8, Ecuador, 79.9, Nicaragua, 61.7, and St. Vincent, 66.0) by around 1979 according to Figure 41. Fully meeting the goal, that is, within the range of

50 to 70 per cent reduction, were Barbados, Bermuda, Chile, Honduras, Peru, and Venezuela. Puerto Rico and Mexico achieved a reduction of 44.4 and 48.4 which placed them very close to the lower limit of the goal.

Mortality by cause presents essentially the same picture for the children aged 1–4 as for that described earlier for infants except, of course, for the exclusion of perinatal causes. Table 36 shows that mortality was higher in those groups of causes associated with the respiratory and digestive systems (Groups A and B) and the infectious and parasitic diseases (Group D). For most countries of Latin America, a significant decline in mortality in each group notwithstanding, the groups of causes of death that clearly contributed the most to the decline in total child mortality were those related to the respiratory system, the digestive system, and infectious and parasitic diseases. These groups of causes will be examined in more detail in subsequent sections of this chapter.

### Specific Health Problems

As indicated earlier, infants and children from 1–4 years in the Region are particularly affected by certain illnesses. This section deals with the following groups of conditions affecting the child: (1) diseases preventable by vaccination which are included in the Expanded Program on Immunization (EPI); (2) acute respiratory infections (ARI); (3) diarrheal diseases; and (4) malnutrition.

#### DISEASES PREVENTABLE BY VACCINATION

The diseases preventable by vaccination which are included in the Expanded Program on Immunization (EPI) continue to be a very important priority health problem in the Region. Even though the proportion of deaths due to diphtheria, tetanus, whooping cough, measles, and poliomyelitis experienced some decline between around 1970 and 1979 a very high proportion of totally unnecessary deaths occurred annually in the Region.

As recently as 1979, a total of 24 per cent of all deaths from infectious and parasitic diseases in the 1–4 age group occurring in Latin America were due to vaccine preventable diseases. In Northern America, for the same period, this proportion was only 1 per cent (Table 38).

Much remains to be done if the countries of the Region are to reach the goals of the EPI in particular



Table 38. Number of deaths due to diphtheria, whooping cough, tetanus, measles, and poliomyelitis in children under 1 and 1-4 years of age, with percentage of total deaths and percentage of infectious and parasitic diseases, by subregion, around 1970 and 1979.

Subregion	1 9 7 0						1 9 7 9					
	Under 1 year			1-4 years			Under 1 year			1-4 years		
	Number of deaths	Per cent of total deaths	Per cent of infectious and parasitic	Number of deaths	Per cent of total deaths	Per cent of infectious and parasitic	Number of deaths	Per cent of total deaths	Per cent of infectious and parasitic	Number of deaths	Per cent of total deaths	Per cent of infectious and parasitic
Northern America	49	-	2	81	1	10	10	-	-	6	-	1
Latin America	16 983	5	16	25 058	14	44	9 068	3	11	10 492	9	24
Caribbean	483	2	9	153	3	14	123	1	5	113	3	15
Continental Middle America	7 437	4	13	12 871	13	28	4 995		10	6 997	11	27
Temperate South America	1 431	3	11	1 192	12	41	462	3 1	6	214	1	18
Tropical South America	7 631	7	25	10 842	17	41	3 488	4	13	3 168	8	21

and those of health for all by the year 2000 in general. It should be kept in mind that immunization programs are the entry point for the strategy of primary health care whose impact in disease reduction will be a measure of the progress achieved toward these goals.

The following is an analysis of the morbidity and mortality patterns of the vaccine preventable diseases included in the EPI.

## Measles

### Goal of the Ten-Year Health Plan

- Reduce mortality due to measles to less than 1.0 per 100,000 population. . .

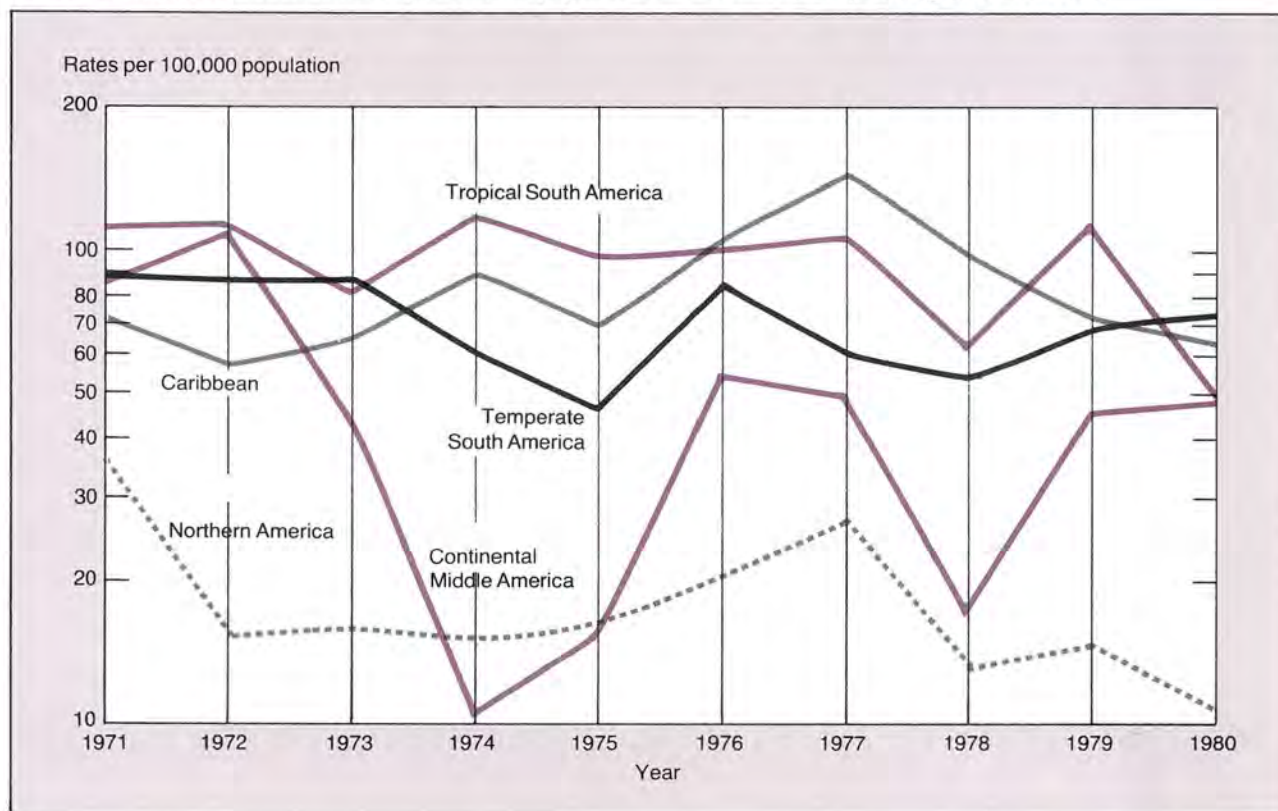
During the ten-year period 1971–1980, information on the incidence of measles cases was received annually from 30–32 of the countries of the Region. The total number of cases reported ranged from 313,512 in 1971 to 177,178 in 1975, with an average of 254,161 cases.

Figure 42 is a graphic representation of the annual reported incidence of measles per 100,000 population

by geographic region. Rates ranged from a high of 169.4 cases per 100,000 population in 1977 in the Caribbean area, to a low of 10.4 per 100,000 population in 1974 in Continental Middle America. While the magnitude of incidence and the years varied, the Caribbean and the Tropical and Temperate South American subregions exhibited patterns of increased incidence every two to three years. Continental Middle America exhibited larger variations in incidence between peak years, with three- to four-year intervals between peaks; and Northern America showed a five-year interval between major increases in incidence. Annex Table II-9f has more complete case data by country.

During the 1970s a total of 101,807 deaths due to measles were reported in the Region. Figure 43 shows mortality due to measles reported annually per 100,000 population, by geographic region. The reporting of mortality is incomplete, reflecting reports from 19–24 countries annually through 1978; reports for 1979 reflect information from only four countries. The arrow at the 1.0 level of the figure indicates the Ten-Year Health Plan goal. Northern America is the only region to have reported mortality due to measles below the Ten-Year Health Plan goal during the entire

Figure 42. Reported cases of measles per 100,000 population in the Americas, by subregion, 1971–1980.



period; the Caribbean rates ranged between a low of 0.7 in 1978 and a high of 1.8 in 1976; Temperate South America showed increases in mortality every two to three years, with low mortality rates in intervening years below the Ten-Year Health Plan goal; the highest mortality was reported by Continental Middle America and Tropical South America. Countries reporting measles death rates of less than 1.0 per 100,000 population during the entire period were the

United States, Canada, the Bahamas, Barbados, and Cuba.

Table 39 shows the age distribution of reported cases and deaths due to measles, and the age-specific mortalities per 100,000 population by geographic region. Information on the age distribution of cases was received from 31 countries and represents 157 country years of experience with measles. In all areas except Northern America, the highest proportion of

Figure 43. Death rates from measles in the Americas, by subregion, 1971-1979.

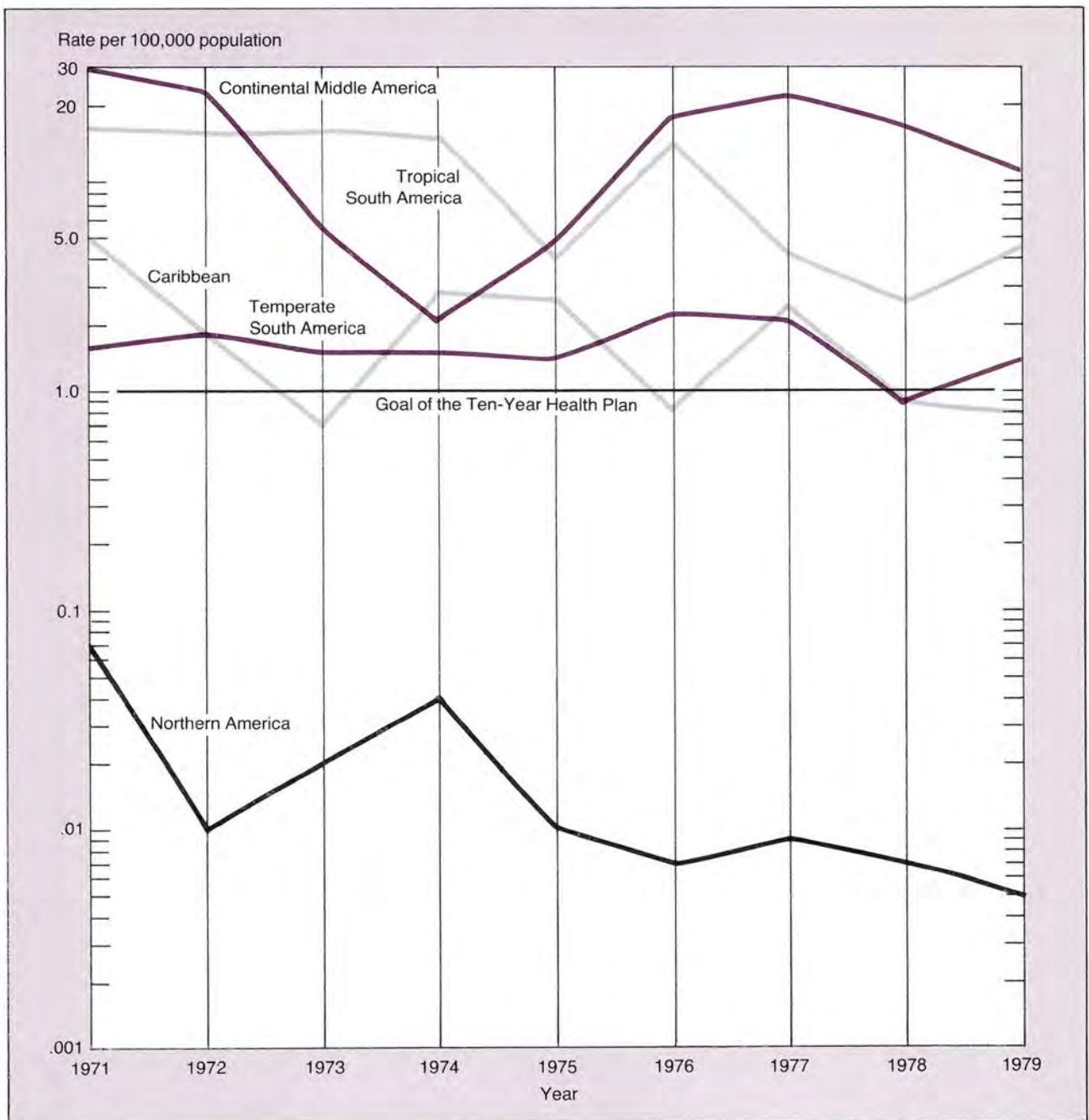


Table 39. Percentage distribution by age of reported cases of measles and percentage of deaths with age-specific death rates per 100,000 population, by subregion, 1971-1980.

Years of age (a)	Northern America			Caribbean			Continental Middle America			Temperate South America			Tropical South America		
	Per cent of total cases	Per cent of deaths	Rate	Per cent or total cases	Per cent of deaths	Rate	Per cent of total cases	Per cent of deaths	Rate	Per cent of total cases	Per cent of deaths	Rate	Per cent of total cases	Per cent of deaths	Rate
Under 1	5.0	19.8	0.20	10.8	25.8	13.90	13.2	21.6	70.65	13.1	45.4	32.11	16.0	23.9	75.04
1-4	16.1	36.6	0.09	48.6	61.5	7.54	54.3	58.0	52.81	38.5	42.9	7.87	54.3	62.7	54.08
5-9	32.1	15.4	0.03	25.1	9.1	0.88	23.4	13.6	11.29	30.1	6.7	1.05	20.8	10.4	7.91
10-14	29.8	13.9	0.02	10.1	2.2	0.24	5.8	3.7	3.61	11.8	2.4	0.38	5.3	1.9	1.64
15-19	14.0	4.4	0.01	2.9	0.3	0.04	1.5	1.2	1.48	3.6	1.0	0.17	1.9	0.5	0.49
20 and over	2.9	9.9	0.00	2.5	1.1	0.03	1.8	1.8	0.55	2.9	1.6	0.05	1.6	0.6	0.15
Total	99.9	100.0	0.02	100.0	100.0	1.37	100.0	99.9	12.77	100.0	100.0	1.66	99.9	100.0	11.36

(a) The age distribution of the unknowns was estimated and cases distributed accordingly.



Table 40. Vaccination histories of measles cases during outbreaks in four countries, 1978-1980.

Country (year)	Vaccinated		Unvaccinated		Unknown	
	Number	Per cent	Number	Per cent	Number	Per cent
Brazil (Nov. 1979- Jan. 1980)	24	17.1	96	68.6	20	14.3
Chile (1978-1979)						
Curicó	53	53.6	32	33.0	12	12.4
Talca	197	63.8	32	10.4	80	25.9
Cauquenes	135	33.5	110	27.3	158	39.2
Costa Rica (1979)	-	25.0	-	75.0	-	-
Panama	11	10.5	56	53.3	38	36.2

cases occurred in the 1-4 year old age group; in Northern America the highest proportion of cases occurred in 5-9 year-olds.

In all subregions except Temperate South America, the highest proportion of deaths occurred in the 1-4 year-old age group. In Temperate South America those under 1 year represented the highest proportion of deaths due to measles. Interestingly, in all areas there was an inverse relationship between age and age-specific mortality rates with the highest age-specific mortality rates observed in the population less than 1 year of age. These data support the need to immunize those under 1 year with measles vaccine.

Information on vaccination histories of the cases was not readily available. Table 40 is a modest review of vaccination histories of measles cases during outbreaks in three selected countries. Cases with a history of measles vaccine ranged from a low of 10.5 per cent in Panama to a high of 63.8 per cent in Talca, Chile. The high percentage of cases in vaccinated individuals in Chile does not in itself reflect failure of the vaccine, but illustrates the need to obtain the data necessary to calculate the actual vaccine efficacy during outbreaks.

### *Poliomyelitis*

#### *Goal of the Ten-Year Health Plan*

- Reduce morbidity due to poliomyelitis to a rate of 0.1 per 100,000 population. . .

During the 1971-1980 period, a total of 74,368 cases of paralytic poliomyelitis were reported by 29 of the 32 countries in the Region for which data have

been analyzed. Only three countries (Barbados, Dominica, and Grenada) reported no cases during the 10-year period. A total of 6,680 deaths (case fatality rate of 9.0 per cent) were notified during this period. Annex Table II-9g provides detailed incidence of acute poliomyelitis by country.

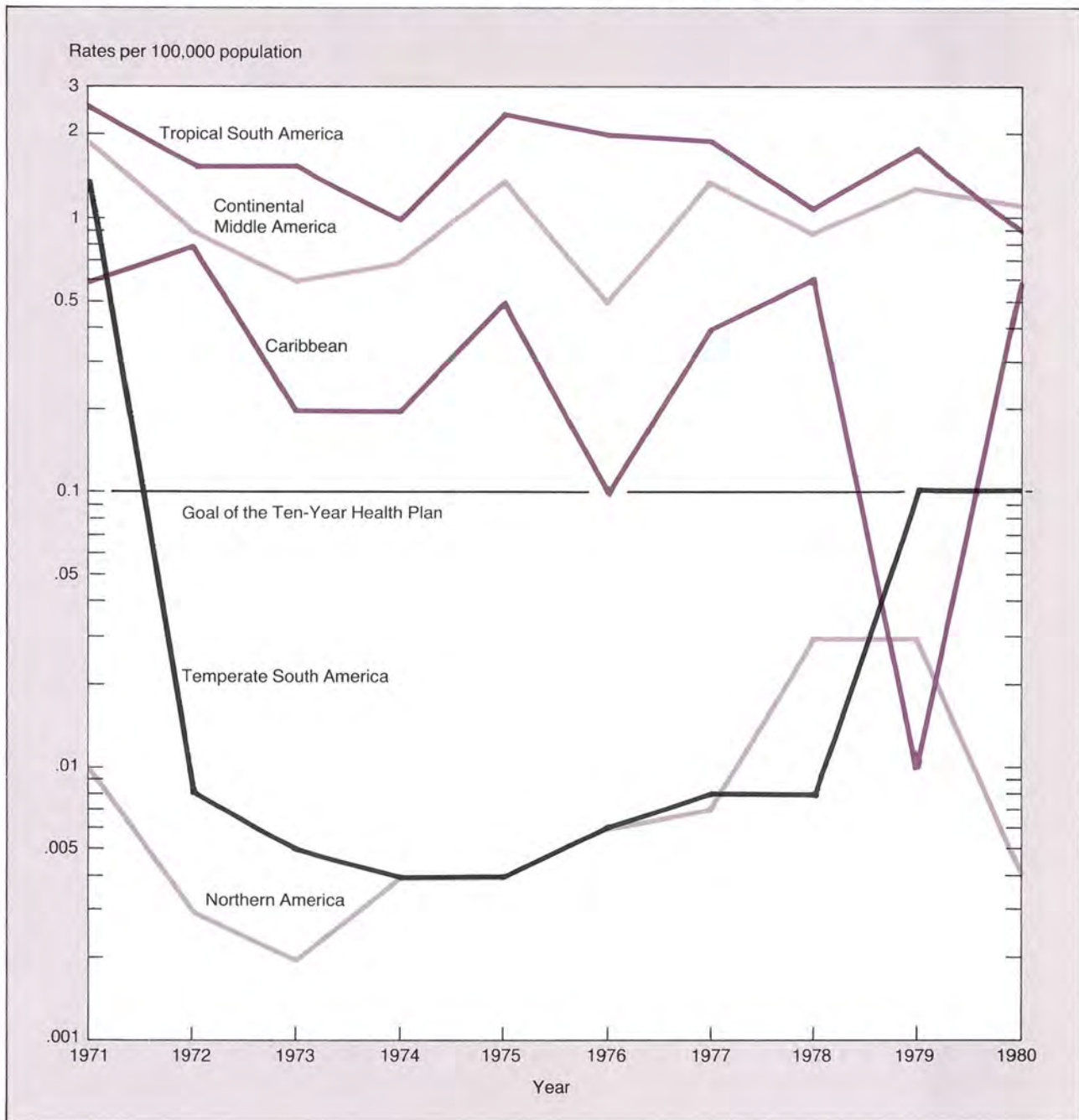
Figure 44 shows the annual incidence (per 100,000 population) of paralytic poliomyelitis by geographic region. The goal of the Ten-Year Plan is indicated by an arrow.

During this period, the countries in Northern America and Temperate South America achieved and maintained the goal. Major increases in incidence were experienced in three of the five subregions: in the Caribbean in 1972, 1975, 1977-1978, and 1980; in Continental Middle America in 1971, 1975, 1977, and 1979; and in Tropical South America in 1971, 1975-1977, and 1979. These data suggest a "pandemic spread" of poliomyelitis activity throughout Latin America with a shortening of intervals between epidemic cycles in this period.

Assuming that a country achieved the above objective when five or more consecutive years had gone by with an annual incidence of less than 0.1 per 100,000 population (allowing for two expected epidemic cycles to have passed), then 14 of the 32 countries studied in the Region (43.8 per cent) achieved poliomyelitis control since 1975 (Table 41). The Bahamas reported only one case during the entire 10-year period (in 1978), but due to the country's small population the incidence was 0.44 for that year.

It should be noted that in the Caribbean this disease continues to be a major problem in Haiti and the Dominican Republic, accounting for 826 of the 1,067 reported cases (77.4 per cent) in this subregion during the decade.

Figure 44. Reported cases of poliomyelitis per 100,000 population in the Americas, by subregion, 1971-1980.



Information on the age distribution of poliomyelitis cases was received from 27 countries (Table 42). A total of 26 countries reported poliomyelitis cases in terms of the proportion of total cases represented by each age group and the age-specific attack rates per 100,000 population. This table represents 262 country years of experience. With the exception of Northern America, in all areas the highest proportion of

cases occurred in the 1-4 year-old age group; in Northern America the highest proportion of cases occurred in the 20 or older age group. In all areas the highest age-specific attack rate was registered in the under 1 year-old age group.

Table 43 shows the age distribution of cases for those countries reporting data by number of months of age under 1 and single years to age 5. Approximately

**Table 41. List of countries in the Region reporting incidence of poliomyelitis of less than 0.1 per 100,000 population for five or more years.**

1. Argentina	8. Grenada
2. Barbados	9. Guyana
3. Canada	10. Jamaica
4. Chile	11. Panama
5. Costa Rica	12. Saint Lucia
6. Cuba	13. Trinidad and Tobago
7. Dominica	14. United States

**Table 42. Percentage distribution by age of reported cases of poliomyelitis and percentage of deaths with age-specific rates per 100,000 population, by subregion, 1971-1980.**

Years of age <sup>(a)</sup>	Northern America		Caribbean		Continental Middle America		Temperate South America		Tropical South America	
	Per cent of total cases	Rate	Per cent of total cases	Rate	Per cent of total cases	Rate	Per cent of total cases	Rate	Per cent of total cases	Rate
Under 1	10.8	0.05	14.4	1.58	29.7	6.02	19.2	0.57	22.7	6.95
1-4	22.9	0.03	54.1	1.53	62.3	3.47	46.5	0.36	57.0	4.92
5-9	1.7	0.00	16.6	0.40	5.6	0.29	22.2	0.15	12.6	0.97
10-14	5.0	0.00	6.6	0.16	1.2	0.07	5.1	0.03	4.5	0.40
15-19	18.8	0.01	2.2	0.07	1.1	0.08	2.0	0.01	1.3	0.13
20 and over	40.8	0.00	6.1	0.03	0.1	0.00	5.1	0.01	1.8	0.05
Total	100.0	0.01	100.0	0.30	100.0	0.79	100.1	0.07	99.9	1.14

(a) The age distribution of the unknowns was estimated and cases distributed accordingly.

**Table 43. Cases of poliomyelitis in children under 5 years of age, by age group, and percentage of total cases, selected countries,<sup>(a)</sup> 1971-1980.**

Age group	Cases	Per cent of total cases
0-5 months	366	6.6
6-11 months	957	17.3
1 year	1 935	34.9
2 years	815	14.7
3 years	400	7.2
4 years	206	3.7
5-9 years	481	8.7
10 years and older, and unknown	368	6.8
Total	5 538	99.9

(a) Includes Argentina, Bolivia, Guyana, Mexico, Panama, Peru, Trinidad and Tobago, Uruguay and Venezuela.

81 per cent of the reported cases occurred in children under 4 years of age, with 59 per cent in those under 2 years of age. (Age-specific attack rates per 100,000 population could not be calculated since comparable population distribution data were not available.)

## Diphtheria

### Goal of the Ten-Year Health Plan

- Reduce morbidity due to diphtheria to 1.0 per 100,000 population . . .

Diphtheria incidence is clearly declining throughout the Region. The sustained reduction in case notification in the Region between 1970 and 1979 was approximately 45 per cent. In 1980 a total of 5,702 cases was reported in the Region, a drop of 23 per cent compared with 1976. Annex Table II-9a presents the number of diphtheria cases by country in the four-year period 1977-1980. The pronounced drop in case notification in all countries is evident in Figure 45. Using

the Ten-Year Health Plan as a reference, it can be seen from Annex Table II-9a that 13 countries (Argentina, Bolivia, Canada, Ecuador, El Salvador, Guadeloupe, Guatemala, Guyana, Haiti, Honduras, Nicaragua, Paraguay, and Venezuela) achieved morbidity rates of 1 per 100,000 or less over four consecutive years. These rates ranged from 0 per 100,000 population in Antigua, Costa Rica, Cuba, Dominica, Martinique, Panama, Puerto Rico, St. Kitts, Saint Lucia, St. Vincent, Suriname, Trinidad and Tobago, Uruguay, and the U.S. Virgin Islands since 1970, to rates of over 3 per 100,000 in Barbados, Brazil, and the Dominican Republic. Immunization of the high-risk population with diphtheria toxoid was undoubtedly behind the dramatic drop in both morbidity and mortality.

Mortality rates of over 3 per 100,000 among infants under 1 year of age around 1970 were found in Colombia (4.7), Dominican Republic (14.1), and Guatemala (5.7). Only the Dominican Republic and Paraguay had rates above 1.3 per 100,000 live births in 1979. Just over one-half of the deaths (56 per cent) in those 12 countries occurred in children under 5 years of age as shown in Table 44.

The majority of cases generally occurred in children in the lower socioeconomic groups where circum-

Figure 45. Reported cases of diphtheria in Latin America, 1970-1980.

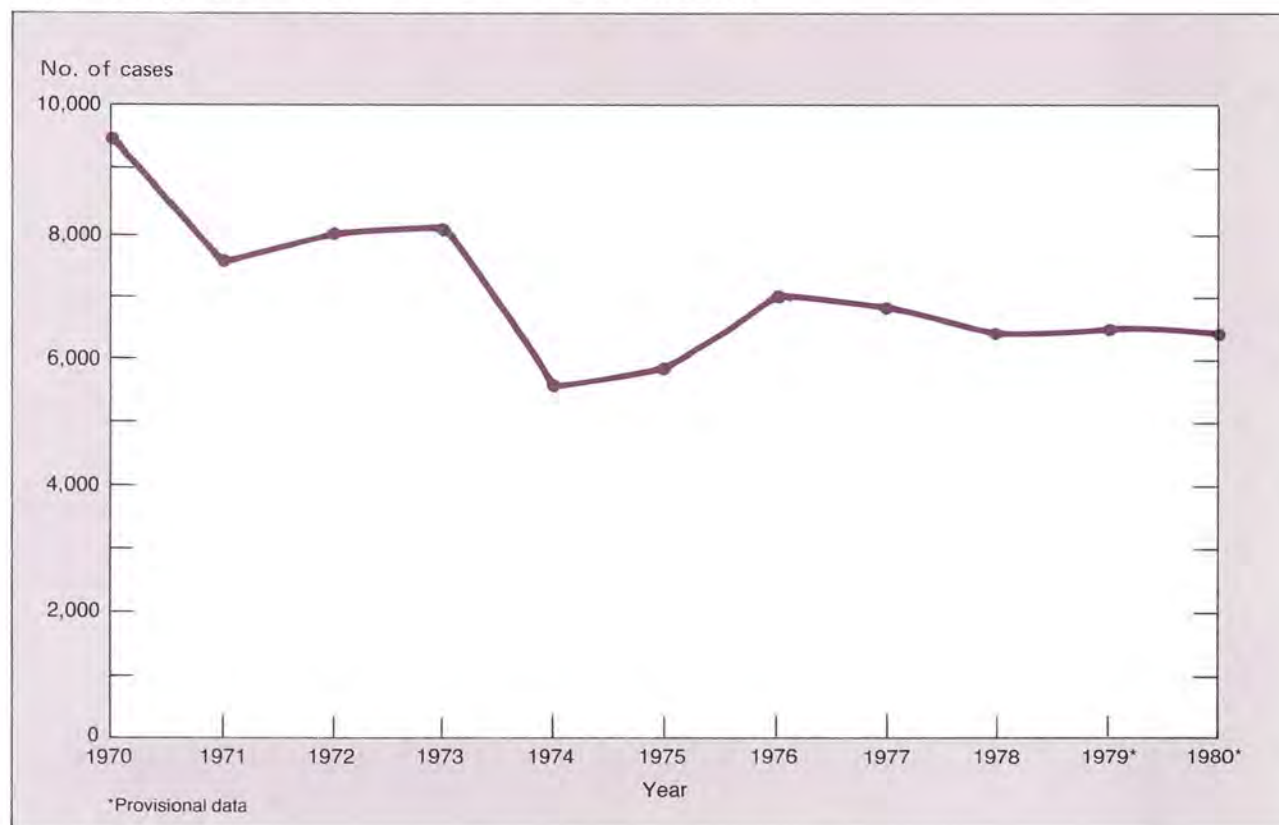




Table 44. Number of deaths from diphtheria in children under 1 year and 1-4 years of age, with rates per 100,000 population in Latin America<sup>(a)</sup> around 1970 and 1979.

Country	All ages		Under 1 year		1-4 years	
	1970	1979	1970	1979	1970	1979
	N U M B E R					
Argentina	66	28	9	2	21	10
Chile	52	26	6	-	16	3
Colombia	165	50	32	9	86	23
Dominican Republic	75	40	23	11	45	23
Ecuador	53	11	5	3	32	3
Guatemala	26	9	12	2	6	2
Honduras	3	2	-	1	1	1
Mexico	158	46	32	15	56	8
Panama	4	4	-	-	3	2
Paraguay (b)	10	12	-	3	10	7
Peru	5	20	-	4	3	7
Venezuela	42	3	6	-	23	2
	R A T E S (c)					
Argentina	0.3	0.1	1.7	0.3	1.1	0.5
Chile	0.6	0.3	2.3	-	1.8	0.3
Colombia	0.7	0.2	4.7	1.1	3.0	0.7
Dominican Republic	1.6	0.7	14.1	5.9	8.2	3.3
Ecuador	0.8	0.1	2.2	1.3	3.7	0.3
Guatemala	0.4	0.1	5.7	0.7	0.8	0.2
Honduras	0.1	0.0	-	0.7	0.3	0.2
Mexico	0.3	0.1	1.5	0.7	0.8	0.1
Panama	0.4	0.2	-	-	2.2	1.0
Paraguay (b)	0.7	0.6	-	4.7	5.6	3.1
Peru	0.1	0.1	-	0.6	0.2	0.3
Venezuela	0.4	0.0	1.5	-	1.6	0.1

(a) Only countries reporting more than one death around 1979 are included. (b) Area of information. (c) Rates for under 1 year per 1,000 live births.

stances such as inadequate care at birth and poor personal hygiene facilitated the transmission of *Corynebacterium diphtheriae*. Diphtheria can develop at any time of the year, but the highest number of cases and deaths is generally recorded in the coldest months. The true incidence of the classic severe forms is almost always unknown, as is their immune status.

However, the United States, Canada, and a few other countries maintain good records and data.

The fatality rate was reduced in countries which maintained permanent and well-conducted epidemiological surveillance of the disease. Fatalities were particularly high among young children. It is considered that the fall in the fatality rate, together with the

relative rise in incidence in some countries, is due not just to the obvious improvements in surveillance but also to the requirement that mild non-classic forms of the disease such as cutaneous diphtheria also be reported in addition to asymptomatic carriers. In these non-classic or atypical forms of the disease, cutaneous lesions of the ear and carriers of the bacillus in the pharynx constitute a threat of spreading the disease among susceptible populations. Cultures are not used systematically in the Region to determine the biotype and virulence of isolated strains; because of this, many particular forms of the disease reported by the services may not in fact represent their true frequency.

Immunization with diphtheria toxoid carried out through the general health services under the EPI with active community participation is the only way to prevent and control outbreaks and the endemic forms of the disease. Countries that have maintained high and permanent diphtheria toxoid, tetanus toxoid, and pertussis vaccine (DPT) or tetanus and diphtheria toxoid (DT) vaccination coverage with special emphasis on infants under 1 year and preschool children experienced a dramatic drop in diphtheria morbidity and mortality. For instance, 14 countries did not report any diphtheria cases and 28 did not report any fatalities among infants under 1 year. It therefore

is not surprising that the vaccination coverages achieved in most of these countries were also the highest in the Region (Annex Tables V-1 through V-4).

The beneficial effect of the vaccine on the incidence of diphtheria has been sufficiently demonstrated in the countries with good surveillance systems and adequate vaccination coverage. Study of the data for the entire 1970s shows there were very few countries with a sustained and continuous reduction in the number of cases reported.

### Whooping Cough

#### *Goal of the Ten-Year Health Plan*

- Reduce mortality due to whooping cough to 1.0 per 100,000 population...

Whooping cough has traditionally been a significant cause of sickness and death among children of the Region. Incidence of and mortality from this disease were quite high before a specific vaccine was available. In several countries of the Region whooping cough still occurs on a scale that makes it a serious public health problem. Experience emphasizes the

Figure 46. Reported cases of whooping cough per 100,000 population in Latin America,<sup>a</sup> 1970-1980.

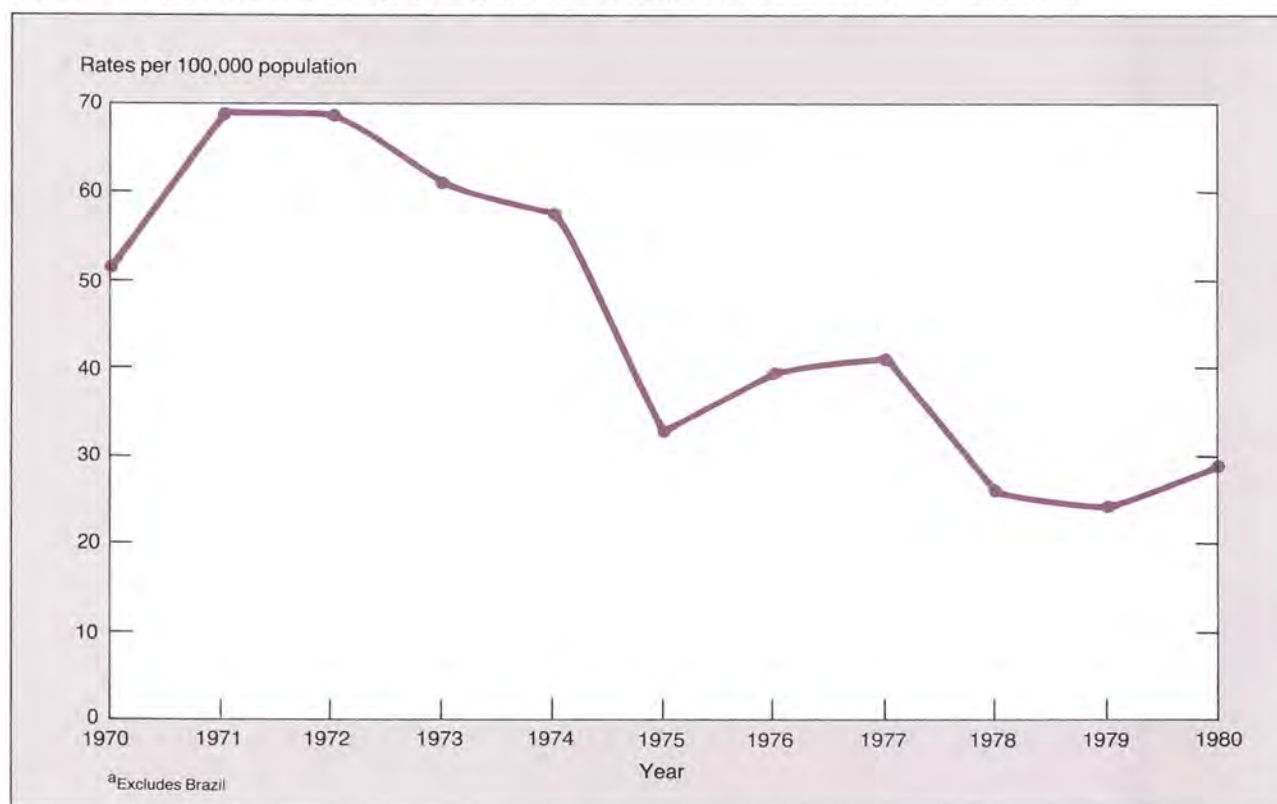


Table 45. Number of deaths from whooping cough in children under 1 and 1-4 years of age, with rates per 100,000 population in Latin America,<sup>(a)</sup> around 1970 and 1979.

Country	All ages		Under 1 year		1-4 years	
	1970	1979	1970	1979	1970	1979
N U M B E R						
Argentina	247	167	182	126	57	40
Chile	109	4	80	4	21	-
Colombia	633	921	320	454	257	404
Costa Rica	49	5	25	2	22	3
Cuba	9	15	6	10	-	5
Dominican Republic	20	4	9	3	8	1
Ecuador	1 724	894	793	441	811	385
Guatemala	2 004	1 271	797	603	976	538
Honduras	392	146	173	80	180	66
Mexico	3 458	2 389	1 333	1 010	1 774	1 053
Nicaragua	203	53	126	27	65	20
Panama	70	129	12	28	43	87
Paraguay (b)	37	10	21	8	13	2
Peru	2 057	713	1 067	339	731	285
Uruguay	1	30	1	29	-	-
Venezuela	97	35	53	24	43	8
R A T E S (c)						
Argentina	1.5	0.8	33.4	18.9	3.0	1.9
Chile	1.3	0.1	30.6	1.7	2.3	-
Colombia	2.9	3.7	47.3	56.3	8.9	13.1
Costa Rica	2.6	0.3	43.3	2.9	8.8	1.4
Cuba	0.1	0.3	2.3	6.8	-	0.5
Dominican Republic	0.4	0.1	5.5	1.6	1.5	0.1
Ecuador	24.2	11.2	344.5	191.5	93.3	34.2
Guatemala	38.0	16.0	375.7	212.4	137.1	59.1
Honduras	12.3	3.2	161.5	54.9	46.2	11.9
Mexico	5.7	3.4	62.5	46.8	23.8	11.8
Nicaragua	8.8	1.9	155.1	27.4	26.7	6.4
Panama	4.6	8.0	22.5	55.4	23.2	42.6
Paraguay (b)	3.2	0.5	67.1	12.5	7.3	0.9
Peru	13.4	3.7	222.5	52.3	40.3	13.5
Uruguay	0.0	1.4	1.5	44.2	-	-
Venezuela	0.8	0.2	13.5	5.0	3.0	0.5

(a) Only countries reporting more than one death around 1979 are included. (b) Reporting area. (c) Rates for under 1 year per 1,000 live births.

significant role malnutrition and associated socioeconomic factors play in whooping cough morbidity and mortality trends.

The records of whooping cough cases by year are irregular and incomplete. In many places difficulties in confirming the diagnosis lead to underreporting to the extent of 50–60 per cent. One reason is that, except for the typical forms of the disease, whooping cough can at times be hard to diagnose. There is now sufficient evidence that *Bordetella parapertussis* and the adenoviruses can cause whooping cough symptoms while many of the infections, especially those caused by *B. pertussis*, can be in atypical forms that are difficult to diagnose. This apparent confusion limits accurate interpretation of the data on morbidity and mortality by sex, age, geographic location, and social group.

For the period 1977–1980 (Figure 46) a moderate decline in reported cases was noted. While the situation in Northern America appears to be stabilizing, the trend in Middle America of reported morbidity rates was slightly downward. A comparison of incidence rates of whooping cough in Middle and South America with those recorded for Northern America shows that the former were 7 and 24 times higher, respectively (Annex Table II-91). The rapid reduction in the number of cases reported in the late 1970s in Mid-

dle and South America is interesting to note. On the other hand, in Temperate South American countries there were no substantial changes in the number of cases reported. If 1977 is taken as the reference year, the countries of the Region with reductions of more than 50 per cent in cases reported in 1980 were Antigua, Chile, Cuba, Uruguay, and Venezuela.

There is a need to stress the association of whooping cough with other pathologies prevalent in some countries of the Region, such as malnutrition and acute respiratory infections, especially pneumonia. The deterioration of the social environment and of the quality of life, together with the ongoing migration into marginal areas of big cities, are factors that have an impact on the frequency of the disease and are considered one of the main reasons for its dissemination. There can be no doubt that timely study of epidemic outbreaks of the disease would lead to improvements in epidemiological surveillance and vaccination programs.

The mortality data are irregular and incomplete: of 16 countries with data available around 1979 only four (Cuba, Dominican Republic, Uruguay, and Venezuela) obtained or maintained mortality rates below the Ten-Year Health Plan target through the decade (Table 45). Half, however, achieved the goal around 1979, the last year reported. On the other

Figure 47. Reported cases of tetanus per 100,000 population in Latin America, 1970–1979.

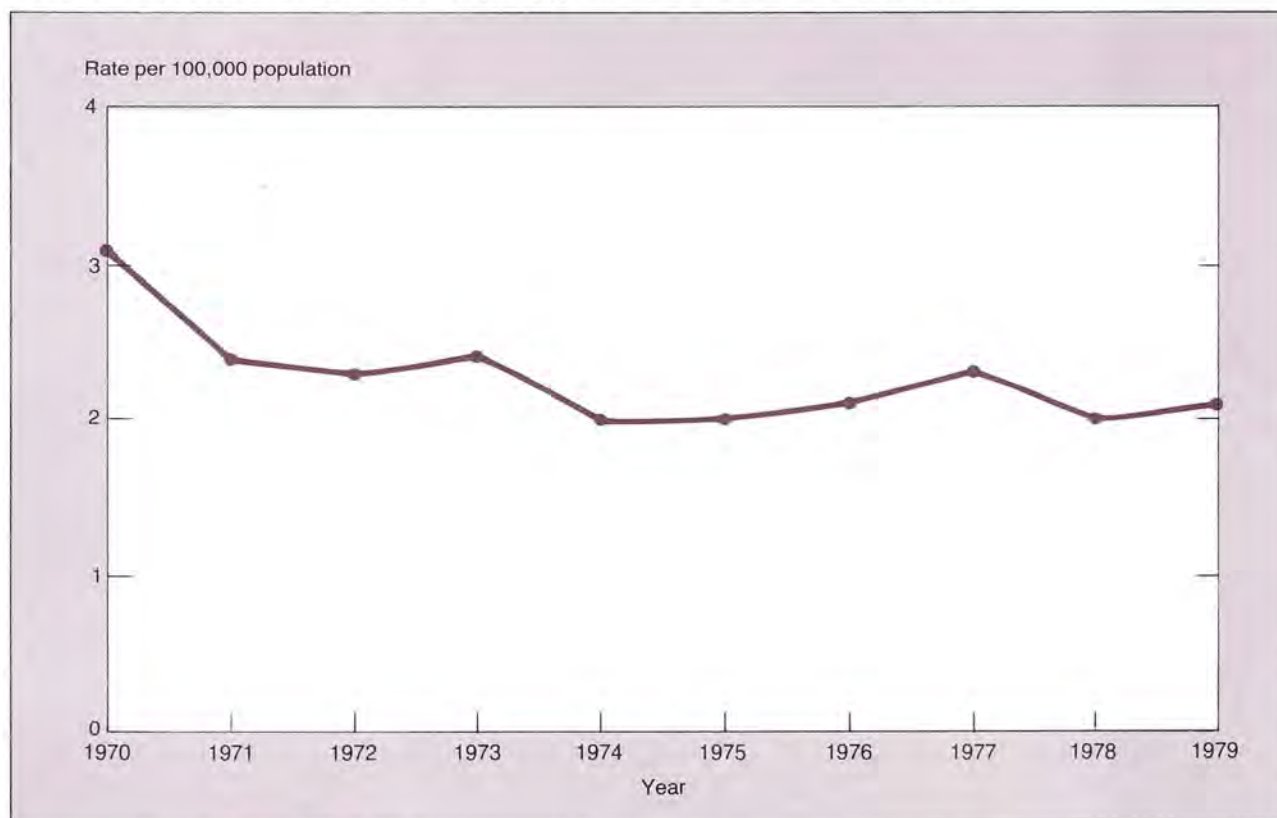




Table 46. Number of deaths from tetanus in children under 1 and 1-4 years of age, with rates per 100,000 population, selected countries of Latin America, around 1970 and 1979.

Country	Under 1 year				1-4 years				All other ages			
	1970		1979		1970		1979		1970		1979	
	Number	Rate <sup>(a)</sup>	Number	Rate <sup>(a)</sup>	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Argentina	260	47.7	124	18.6	4	0.2	6	0.3	158	0.7	125	0.5
Chile	9	3.4	3	1.2	2	0.2	0	0.0	14	0.2	9	0.1
Colombia	574	84.8	375	46.5	39	1.4	20	0.6	228	3.5	225	1.1
Costa Rica	137	237.2	4	5.8	19	7.6	-	-	61	4.3	13	0.7
Dominican Republic	397	243.5	57	30.3	18	3.3	2	0.3	121	3.6	41	1.0
Ecuador	967	420.1	589	258.8	18	2.1	11	1.0	163	14.6	107	1.7
Guatemala	87	41.0	96	33.8	7	1.0	11	1.2	59	1.3	57	1.0
Honduras	36	33.6	27	18.5	4	1.0	-	-	23	1.1	19	0.7
Mexico	1 057	49.6	715	33.2	107	1.4	49	0.5	652	1.6	696	1.4
Nicaragua	286	352.0	140	142.3	25	10.3	10	3.2	64	4.3	87	4.5
Panama	150	281.5	95	187.9	3	1.6	0	0.0	13	1.1	7	0.6
Paraguay (b)	194	619.8	44	68.8	5	2.8	5	2.2	15	0.8	23	1.0
Peru	424	88.4	339	52.3	8	0.4	8	0.4	76	0.7	84	0.6
Venezuela	237	60.4	65	13.5	10	0.7	2	0.1	101	1.2	68	0.6

(a) Per 1,000 live births. (b) Area of information.

hand, the mortality rates in infants under 1 year in eight Latin American countries (Colombia, Ecuador, Guatemala, Honduras, Mexico, Panama, Peru, and Uruguay) remained extremely high, ranging from 44.2 to 212.4 per 100,000 live births—adequate evidence of the high risk of this age group and the need to complete vaccination before a child reaches 12 months of age.

### Tetanus

#### Goal of the Ten-Year Health Plan

- Reduce mortality due to tetanus to 0.5 per 100,000 population. . .

Because of the numbers involved, the comments on tetanus cases and deaths during the period 1977-1980 have been divided into two parts. The first relates to neonatal tetanus and the second to tetanus in other age groups. Both forms of the disease are still rela-

tively rare in industrialized countries, but are a significant cause of illness and death in certain areas of the Region (Figure 47).

Around 1979 about 2,573 deaths from tetanus among infants under 1 year were reported in 14 countries of the Region (Table 46). There was still considerable underreporting of tetanus cases in all age groups, although the reported incidence of the disease did not appear to have changed substantially over the period. Some countries even reported higher mortality than incidence rates, which is better evidence of the extent of underreporting.

However, neonatal tetanus continues to be a significant problem since in 14 countries it accounted for 60 per cent of all deaths from the disease around 1979. Despite the fact that mortality rates among infants under 1 year declined in all the countries with figures ranging from 0 in Cuba (where no cases of tetanus of the newborn have been reported since 1970) to reductions of around 50 per cent in Ecuador, Nicaragua, and Panama, the problem is still a major one in many of them.

Tetanus of the newborn is generally associated with

inadequate care during birth in the home, infection of the umbilical cord with *Clostridium tetani*, and/or low levels of institutional maternal care.

The effectiveness of tetanus toxoid in pregnant women is sufficiently documented. Although no data are available for the Region on the urban-rural distribution of this form of the disease, everything points to its being more frequent in rural farming and livestock raising areas. Prevention of tetanus of the newborn in these areas is sometimes difficult because of limited access to vaccination services and the scattered nature of the population. However, a good campaign under the EPI should include vaccination of pregnant women, especially in high risk areas. The existence of areas where tetanus is endemic is associated with factors such as the ecology and sociocultural conditions, including the perpetuation of taboos and traditions regarding care during birth. In this connection, the cooperation of both formal and informal midwives is vital for prevention and timely treatment of the disease.

Tetanus in other age groups is also a significant cause of sickness and death. The lowest incidence of fatalities was generally found among the group of 1-4 years of age, with rates ranging from 0 to 3.2 per 100,000 in 14 countries. For ages 5 years and over the rates were equally as low, but the percentage of tetanus deaths in this age group was 37 per cent compared to only 3 per cent in the 1-4 age group. In countries which have achieved major reductions in tetanus morbidity in general and neonatal tetanus in particular,

such as Cuba and other big farming and livestock raising countries (Chile, Costa Rica, and Uruguay) a high proportion of injury may result in tetanus. Tetanus in preschool and school age children was also common in some parts of the Region.

Of the 21 countries for which data were available, only nine achieved the goal of the Ten-Year Health Plan around 1979 (Table 47).

In any event, many factors contributed to the success achieved which made possible the appreciable reduction of mortality from tetanus. Better medical care of those with the disease appeared to be one of those factors; another was certainly the effort made at the end of the 1970s to expand the DPT and DT vaccination programs to preschool and school age children and the administration of tetanus toxoid to pregnant women and adults. According to the data available, DPT vaccination coverage with three doses administered for children under 1 year, fluctuated in 1978-1979 around 91 per cent in Chile and 14 per cent in Colombia; there was probably some underrecording here. An evaluative study based on sampling carried out with PAHO assistance in seven countries—Argentina, Brazil, Costa Rica, Dominican Republic, Ecuador, Panama, and Peru—found three-dose coverages of DPT between 25 and 70 per cent (Table 48).

Data on tetanus toxoid vaccination of pregnant women still show rather low coverages in all the countries thus underscoring the urgent need to step up the antitetanus immunization programs in these high risk groups (Annex Tables V-1 through V-4).

Table 47. Number of deaths from tetanus and rates per 100,000 population in selected countries of the Region, around 1979.

Country	Number	Rate	
Chile	12	0.1	
Cuba	17	0.1	
Uruguay	17	0.4	Goal of 10-Year Health Plan
Barbados	3	0.6	
Costa Rica	17	0.8	
Argentina	255	1.0	
Venezuela	135	1.0	
Honduras	46	1.2	
Dominican Republic	100	1.8	
Peru	431	2.0	
Guatemala	164	2.1	
Mexico	1 460	2.3	
Colombia	620	2.5	
Nicaragua	237	8.6	
Ecuador	707	9.6	

Note: The following countries had a rate less than 0.1 per 100,000 population: Belize, Bermuda, St. Kitts-Nevis, Saint Lucia, St. Vincent and the United States.

Table 48. Results of immunization coverage surveys in Latin America, 1978-1980.

Country (locality)	Total population surveyed	Examined		Per cent positive							
		Age (in months)	Number	BCG	DPT 1st. dose	DPT 2nd. dose	DPT 3rd. dose	Polio 1st. dose	Polio 2nd. dose	Polio 3rd. dose	Measles
<u>1978</u>											
Ecuador (Manabi)	300 000	12-23	210	83	86	78	59	90	81	76	61
Costa Rica (I and II)	1 500 000	12-23	175	84	91	87	76	88	84	70	67
Panama	2 000 000	12 or under	470	35	...	...	40	...	...	39	44
<u>1979</u>											
Peru (Metropolitan Lima)	5 000 000	12-23	210	78	63	52	44	71	54	38	48
Brazil (Recife)	1 400 000	12-23	277	55	74	60	...	84	66	56	43
<u>1980</u>											
Dominican Republic (Santo Domingo)	640 000	12-23	193	21	75	46	25	87	60	37	31
Argentina (Córdoba)	1 000 000	12-23	178	90	...	...	74	...	...	70	53

## ACUTE RESPIRATORY INFECTIONS

Acute respiratory infections (ARI) are a group of diseases of varied etiology, universal distribution, and relatively high frequency. The large majority of ARI episodes cure spontaneously as is the case with the upper respiratory tract infections. They do, however, place a heavy burden on health services and produce important losses in commercial production through absence from work, and cause a significant decline in school attendance.

As for deaths from ARI due mainly to influenza and pneumonia, children under 5 and the elderly are at greatest risk from these diseases. Because the younger group is significantly larger (particularly in developing countries) ARI is treated in this section on special health problems of infants and children.

Mild upper respiratory infections are usually of viral etiology; in developed countries most serious lower respiratory tract infections in children appear also to be viral. In developing countries bacterial pneumonias, mainly due to *Streptococcus pneumoniae*, seem to play an important role in child mortality. Pneumonias by syncytial respiratory virus (RSV) may cause death in infants. There is little information about demand for health services and even less with respect to the incidence of ARI in the community. Few studies are available on etiology which cover simultaneously the most common viruses and bacterias. Mortality data are, to date, the most widely available source of information on ARI. In 24 countries of the Region around 1979, deaths due to influenza and pneumonia in children under 5 occupied the first place among

causes of death in one country, second in nine, and third in eight (Table 49).

Table 50 indicates the extent of the problem of deaths from influenza and pneumonia among infants and children by countries reporting around 1970 and 1979.

Mortality due to respiratory complications of measles and to whooping cough, discussed earlier under EPI diseases and preventable with present vaccines, still cause a significant proportion of total ARI deaths among children. Otitis media, although not a frequent cause of death, is a very common clinical occurrence.

Other than for the diseases mentioned above, there are very few preventive measures for acute respiratory illnesses. Vaccines against influenza and pneumococcal pneumonia are available but not widely applicable because of the cost and, in the case of pneumonia, provide low protection levels, particularly in the very young. The present control strategy is to improve the organization of diagnosis and treatment and increase coverage through simplification of standards and integration of these services into primary health care. Although only supportive therapy can be used in viral disease, antibiotics opportunely administered may have a significant impact on reducing child mortality in developing countries.

During the 1970s ARI mortality in children experienced an important reduction, probably due to increased access of the Latin American population to health care (Figure 48). The drop is steeper for Northern America, which emphasizes the differences with the rest of the Region. The highest rates of ARI mor-

Table 49. Influenza and pneumonia as leading causes of death in children under 5 years of age, by rank order, in 24 countries, by subregion, around 1975.

Subregion	Number of countries	Rank order				
		1st.	2nd.	3rd.	4th.	5th.
Northern America	2	-	-	-	2	-
Caribbean	7	-	2	4	1	-
Continental Middle America	7	-	5	-	2	-
Temperate South America	3	-	1	1	-	1
Tropical South America	5	1	1	3	-	-
Total	24	1	9	8	5	1



Table 50. Number of deaths from influenza and pneumonia among children under 1 and 1-4 years of age, with rates per 100,000 population, by country, around 1970 and 1979.

Country	N U M B E R						R A T E					
	1 9 7 0			1 9 7 9			1 9 7 0			1 9 7 9		
	All ages	Under 1 year	1-4 years	All ages	Under 1 year	1-4 years	All ages	Under 1 year (a)	1-4 years	All ages	Under 1 year	1-4 years
Barbados	83	21	13	105	20	8	33.0	383.6	54.4	39.6	462.2	41.4
Belize	77	31	12	34	12	3	66.2	663.7	71.6	21.5	...	13.6
Canada	6 176	605	123	5 131	169	37	29.4	163.7	7.8	21.8	47.1	2.7
Chile	14 806	7 918	1 202	5 639	1 475	202	164.2	2 897.2	110.4	51.7	611.8	20.6
Colombia	14 488	7 430	3 129	10 308	4 997	2 044	74.5	1 112.2	114.5	41.2	619.6	66.2
Costa Rica	711	347	95	389	156	25	43.5	586.0	38.6	17.9	225.3	11.7
Cuba	3 373	1 596	322	4 343	438	142	40.7	646.7	32.3	44.8	298.7	14.9
Dominican Republic	728	298	173	847	351	199	19.0	218.4	30.8	16.5	186.7	28.6
Ecuador	4 581	1 721	1 080	4 602	1 785	1 013	82.1	762.4	131.1	58.3	775.2	89.9
El Salvador	1 246	551	220	1 257	587	178	38.1	390.8	48.9	32.3	370.3	32.7
Guatemala	14 071	4 480	3 415	9 199	3 490	2 009	283.3	2 079.9	498.7	134.5	1 229.5	220.5
Honduras	791	269	246	681	262	193	32.8	250.7	69.0	19.8	179.8	34.8
Jamaica	990	...	...	954	...	...	54.1	...	...	50.2	...	...
Mexico	78 852	40 171	14 464	61 096	30 015	8 077	172.6	1 951.7	218.8	98.0	1 391.9	90.2
Panama	588	162	143	657	213	131	43.5	308.6	78.2	41.6	421.2	64.1
Paraguay (b)	1 275	544	284	897	427	146	110.0	...	179.8	54.3	...	65.2
Peru	20 854	9 002	3 482	12 912	5 276	2 202	164.5	1 975.2	201.5	76.8	...	104.2
Puerto Rico	883	163	38	996	135	30	32.6	241.2	12.7	30.0	179.6	10.1
St. Kitts-Nevis and Anguilla (c)	39	12	6	30	5	3	76.5	978.8	...	62.0	472.1	49.0
Trinidad and Tobago	364	150	48	348	76	15	35.4	596.9	41.5	31.1	280.5	15.0
United States	73 492	7 907	1 444	58 319	1 533	354	36.9	225.8	9.9	26.3	46.0	2.9
Uruguay	729	316	25	583	132	151	25.9	515.8	11.2	20.4	201.2	9.1
Venezuela	3 913	2 132	714	4 170	1 648	634	40.2	554.2	51.8	31.8	341.9	38.3

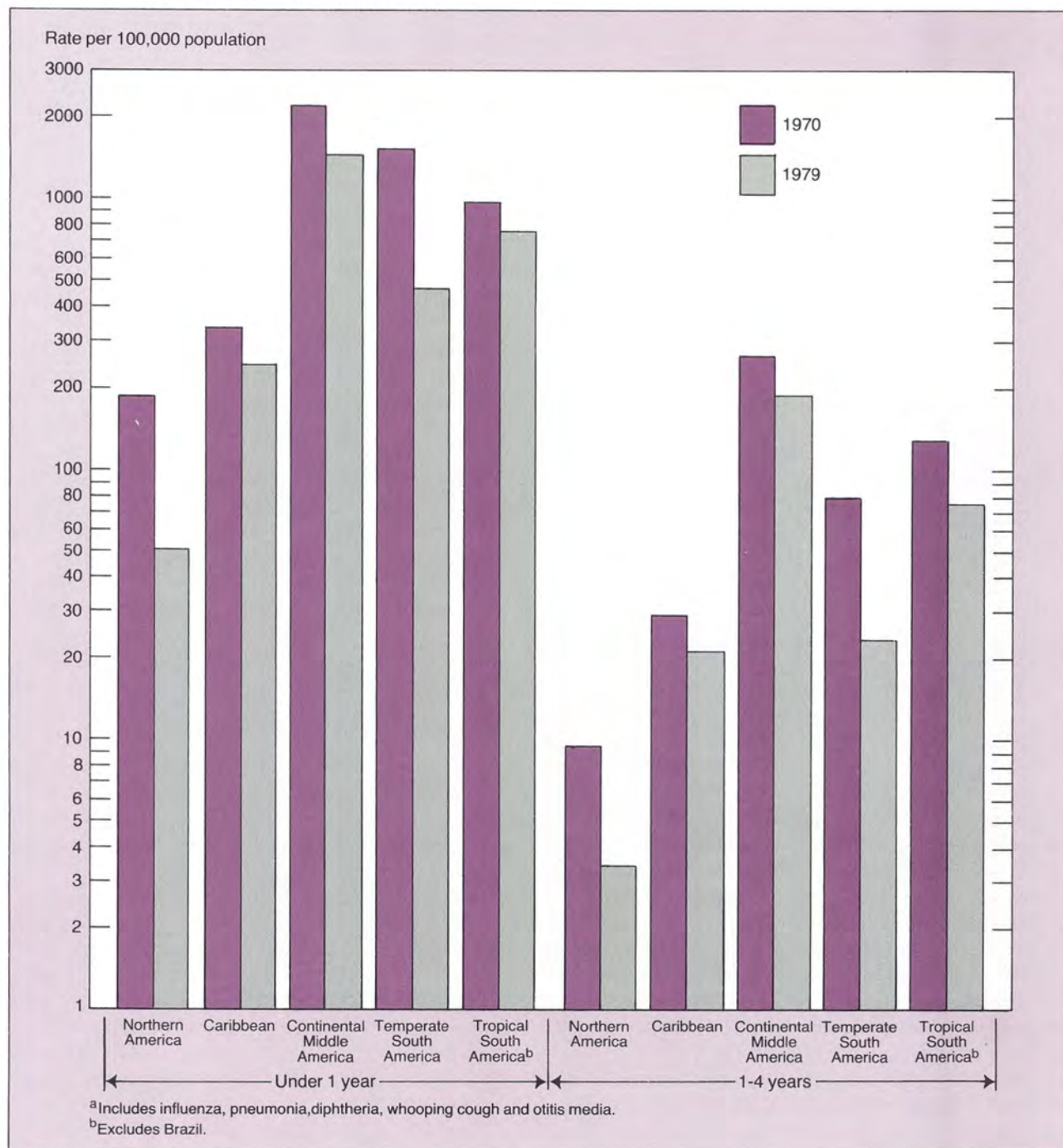
(a) Rate per 1,000 live births. (b) Area of information only. (c) Excludes Anguilla.

tality are in Continental Middle America, followed by Tropical South America, and then Temperate South America and the Caribbean.

A particular problem within ARI is influenza. Subject to seasonal variations, it is notified irregularly and is often mixed with other viral respiratory syndromes.

Three influenza viruses circulated in the Americas in the 1977-1980 period: influenza A virus of H3N2 and H1N1 subtypes, and influenza viruses B and C. Zero circulation of two or even all three was not infrequently reported. However, in most countries there was only one virus type or subtype associated with

Figure 48. Death rates from acute respiratory infections<sup>a</sup> in children under 1 year and 1-4 years of age in the Americas, by subregion, around 1970 and 1979.



sporadic cases or outbreaks at any one time. All three subtypes exhibited minor degrees of antigenic variation during the period.

In early 1977 influenza A strains of H3N2 subtype distinct from A/Victoria/3/75 and more closely resembling A/England/864/75 were recovered from outbreaks in Texas and from sporadic cases in several states of the United States. Between the end of May and September 1977, A/Texas was reported in the former Panama Canal Zone, Argentina (together with A/Victoria/3/75), Chile, and Brazil, and between the end of August and November 1977 this virus caused outbreaks in a few countries in the Caribbean.

In 1978 infection with subtype H3N2 reached epidemic proportions in Ontario, Canada (and to a lesser extent in other Canadian provinces), and in the United States, where mortality from pneumonia and influenza throughout the country remained above the epidemic threshold for nine consecutive weeks between early January and early March. A/Texas virus was isolated in French Guiana (where outbreaks caused by A/USSR/90/77 (H1N1) were also recorded) and in Guadeloupe, while isolation of a virus A (H1N1) was reported in the former Panama Canal Zone. Outbreaks were reported between April and August in Argentina, Brazil, Chile, and Peru. A strain of H1N1 virus (A/Brazil/11/78) showing antigenic drift was isolated in Belém, Brazil. This strain was found to be associated with an influenza outbreak in a remote Amazonian Indian village during which several deaths occurred, mostly in young children.

Outbreaks with virus A (H1N1) were recorded from the beginning of December 1978 to the end of March 1979 in the United States, where they were almost exclusively associated with A/Brazil/11/78 (H1N1), while in Canada, where they were in evidence from December 1978 to April 1979, A/USSR/90/77 was the principal pathogen and A/Brazil played only a minor role. Virus A (H1N1) was also isolated in Peru where a slight increase in influenza incidence was recorded between February and April 1979. A few seroconversions to virus A (H1N1) were also reported in Chile toward the end of July and the beginning of August.

In November–December 1979 influenza activity in Northern America was first reported from the western states of the United States. From January 1980 onward the influenza wave spread and involved up to 13 states. By February a few provinces in Canada reported influenza activity. Influenza A viruses of subtype H1N1 similar to A/Brazil/11/78 were isolated sporadically during outbreaks in the United States; the virus was also associated with an outbreak in Puerto Rico in September 1980. By the end of April 1980 outbreaks associated with high morbidity but which had little impact on mortality were recorded in

northern Chile. Virus activity was also detected in Córdoba, Argentina, and sporadic cases were observed in Rio de Janeiro and São Paulo, Brazil. Apart from one strain of influenza A virus of the H1N1 subtype similar to A/Brazil/11/78 (H1N1) isolated from a case in Santiago, Chile, all strains were influenza A of the H3N2 subtype.

#### DIARRHEAL DISEASES

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##### *Goal of the Ten-Year Health Plan*

- Reduce present mortality from enteric infections by at least 50 per cent, with particular emphasis on infants and young children.
- 

Acute diarrheal diseases remain a leading cause of infant and childhood morbidity and mortality in most of the Region. With the establishment of national plans of action for diarrheal diseases, which include as one of the principal components the extension of water supply and sanitation services and expansion of training opportunities in the delivery of oral rehydration therapy, prospects for their control are steadily improving.

Diarrheal diseases constitute a clinical syndrome of varied etiology which includes specific infectious diseases such as shigellosis, salmonellosis, amebiasis, and other diseases caused by bacilli, protozoa, viruses, and helminths. The lack of coverage of basic environmental health services—access to safe water and adequate sanitation—constitutes a major obstacle to diarrheal disease prevention and control. In most of Latin America, especially in rural areas, current clinical and laboratory services are not adequate to enable identification of these infectious agents; thus the number of cases and deaths reported does not accurately reflect the true magnitude of the problem caused by the disease. This is exacerbated by the varying quality of reported data, reflecting both lack of diagnostic laboratories and low population coverage.

More specifically, reliable morbidity data for diarrheal diseases are difficult to collect because of reporting constraints characteristic of many national health systems. The coverage and quality of case reporting vary from one country to another and by geographic regions within the same country. Also, mortality data reported by many Latin American countries are often inaccurate and do not reflect the actual extent of the problem.

In an effort to improve the epidemiological surveillance systems in the Region, PAHO plans to undertake

a series of morbidity/mortality surveys in selected countries. The most important aspects of these surveys will be to determine the extent of underregistration of diarrheal deaths that would erroneously lower the mortality rate, and to systematically collect morbidity data through a series of personal interview surveys utilizing a standard definition of diarrheal disease.

In interpreting the significance of mortality data in the following tables, the wide variation in data compilation and reporting should be taken into account, and information presented should not, therefore, be considered authoritative.

Diarrheal diseases are a major health problem in Latin America, especially among children under 5 years of age. As shown in Table 51, diarrheal diseases<sup>4</sup> were among the three leading causes of death in children under 5 in 15 to 18 countries reporting data for both 1970 and around 1979. In 16 of these countries

diarrheal disease constituted the leading cause of death from infectious diseases in infants and children under 5 in 1970. The table indicates that around 1979 there was essentially no change in those rankings.

As shown in Table 51, around 1970 for 18 selected Latin American countries, 66,362 of the 103,027 diarrheal deaths<sup>5</sup> recorded in children less than 5 years of age were in children under 1, yielding a rate of infant mortality from diarrheal disease of 1,308.1 per 100,000 population. In the same countries around 1979, of 75,829 diarrheal deaths reported in children under 5 years, 52,422 occurred in the less than 1 year age group, producing a rate of 903.8 per 100,000 population. These figures represent a 22.1 per cent decrease in the infant mortality rate from diarrheal disease over a nine-year period. Similarly, mortality from diarrheal disease in children ages 1-4 during this

<sup>4</sup>Codes ICD-8, Nos. 008 and 009 (Enteritis and other diarrheal diseases).

<sup>5</sup>Defined according to the ICD-8 categories, including: paratyphoid fever and other salmonellosis (002, 003), bacillary dysentery and amebiasis (004, 006), and enteritis and diarrheal diseases (008, 009).

**Table 51. Number of deaths from diarrheal diseases in children under 5 years of age, with rates per 100,000 population, and rank order as leading cause of death, selected countries, around 1970 and 1979.**

Country	1 9 7 0						1 9 7 9					
	Under 1 year			1-4 years			Under 1 year			1-4 years		
	Number	Rate <sup>a)</sup>	Rank order	Number	Rate	Rank order	Number	Rate <sup>a)</sup>	Rank order	Number	Rate	Rank order
Argentina	4 561	880.5	3	722	38.5	3	2 641	463.3	2	420	20.0	2
Belize	39	823.6	1	15	86.7	1	45	762.7	1	9	41.2	1
Chile	3 853	1 418.1	3	422	46.7	3	705	264.9	3	85	8.6	3
Costa Rica	845	1 509.5	1	271	108.1	1	136	195.3	4	24	11.2	4
Cuba	1 313	564.7	4	82	8.6	4	237	122.7	4	41	4.3	5
Dominica	25	984.6	1	13	127.1	1	5	178.5	1	3	25.4	1
Dominican Republic	1 642	1 177.9	1	612	111.1	1	949	538.8	1	321	46.1	1
Ecuador	2 382	968.9	1	1 691	194.4	1	3 667	1 144.1	1	2 605	231.0	1
Guatemala	3 643	1 817.8	1	5 749	807.6	1	3 934	1 311.3	1	3 864	424.1	1
Honduras	880	792.7	1	1 166	299.5	1	926	873.5	1	624	112.4	1
Martinique	63	598.4	1	20	47.9	1	39	390.0	3	2	4.7	3
Mexico	37 197	1 744.2	1	20 464	274.0	1	30 806	1 258.8	1	11 393	127.2	1
Panamá	275	588.6	2	209	112.5	2	158	305.9	1	158	77.2	1
Peru	5 501	1 802.1	3	3 798	209.1	3	4 872	751.8	1	3 058	144.6	1
St. Vincent	47	588.6	2	16	118.6	2	23	403.5	1	8	45.9	1
Trinidad and Tobago	169	710.0	2	28	25.5	2	159	676.0	1	43	43.1	1
Uruguay	254	479.2	-	14	6.4	-	284	521.1	5	15	7.1	5
Venezuela	3 673	874.7	1	1 373	94.2	1	2 836	600.8	2	634	38.2	2

(a) Per 1,000 live births.



same period yielded a reduction of 31.7 per cent, indicating that deaths due to enteric and diarrheal diseases were decreasing in the Region although not at the rate needed in order to achieve the goal of the Ten-Year Health Plan.

Table 52 shows the number of diarrheal disease deaths and death rates in each subregion in infants under 1 and children 1-4. Although diarrheal mortality in infants around 1979 was only 21.9 per 100,000 population in Northern America, the problem was much more acute in the Caribbean (594.7), Continental Middle America (1,208.1), Temperate South America, (403.5), and Tropical South America, (789.7). The comparison of age-specific mortality rates for 1970 and around 1979 for reported diarrheal diseases among infants and children 1-4 indicates a good deal of variation in relation to the Regional goal. The goal of the Ten-Year Health Plan was met by the Caribbean and Temperate South America with an overall reduction of diarrheal disease mortality among infants and children up to 4 years of age of 54 and 58 per cent, respectively. Tropical South America was quite close to the goal with a reduction of 41 per cent. Northern America and Continental Middle America fell short of the goal with reductions of only 29 and 27 per cent, respectively.

As Figure 49 shows, country-specific diarrheal mortality rates varied considerably in the Region. Around

1979 relatively high diarrheal mortality rates for infants under 1 year were reported in Guatemala (1,311.3), Mexico (1,258.8), Ecuador (1,144.1), and Honduras (873.5). Together, these four countries accounted for about 69 per cent of all diarrheal deaths registered that year among infants under 1 year. In the same period (around 1979), the lowest reported mortality rates in Latin America for diarrheal diseases for the same age group were in Cuba (122.7), Dominica (178.1), and Costa Rica (195.3). Only five countries were able to achieve the goal of 50 per cent reduction in infant and child mortality due to diarrheal diseases: Chile (90 per cent), Costa Rica (87 per cent), Cuba (80 per cent), Dominica (80 per cent), and St. Vincent (52 per cent). Four countries (Ecuador, Honduras, Trinidad and Tobago, and Uruguay) experienced an increase in mortality from these causes during the decade.

As health program coverage is extended to scattered rural populations, the number of reported diarrheal cases and deaths is expected to increase, more likely as a result of better information and reporting systems, than of an actual increase in incidence or severity. Treatment and prevention of diarrheal diseases should be an integral part of overall primary health care services and should incorporate multidisciplinary, preventive strategies such as health education, maternal and child health, water and sanitation,

**Table 52. Number of deaths from diarrheal diseases in children under 5 years of age, with rates per 100,000 population, by subregion, around 1970 and 1979.**

Subregion	Year	Under 1 year		1-4 years	
		Number	Rate <sup>(a)</sup>	Number	Rate
Northern America	1979	795	21.9	73	0.5
	1970	972	25.1	237	1.5
Latin America	1979	52 422	914.6	23 307	125.7
	1970	66 362	1 344.6	36 665	238.9
Caribbean	1979	1 412	594.7	418	35.1
	1970	3 259	787.9	771	93.9
Continental Middle America	1979	36 005	1 208.1	16 072	148.1
	1970	42 879	1 727.0	27 874	309.0
Temperate South America	1979	3 630	403.5	520	37.2
	1970	8 668	1 028.6	1 139	38.0
Tropical South America	1979	11 375	789.7	6 297	123.3
	1970	11 556	802.2	6 862	273.1

(a) Per 1,000 live births.

Figure 49. Death rates from diarrheal diseases in children under 1 year and 1-4 years of age, in selected countries, 1970-1979.



breastfeeding, and nutrition. When such measures, in addition to aggressive oral rehydration therapy campaigns, are effectively introduced into developing countries, a substantial decrease in the number of diarrheal cases and deaths can be anticipated.

## MALNUTRITION

Malnutrition of preschool children is a very serious problem in developing countries. The United Nations Food and Agriculture Organization (FAO) contends that malnutrition is the biggest contributing factor to child mortality in developing countries of the world.<sup>6</sup>

Prior sections of this chapter have discussed the extremely high infant and child mortality in Latin America. A high proportion of this mortality was related to infectious and parasitic diseases. The interaction of malnutrition and infection is also well established. Current opinion holds that preschool child morbidity and mortality result from this interac-

<sup>6</sup>*Lives in Peril, Protein and the Child*. Rome, Italy, Food and Agriculture Organization of the United Nations, 1970.

tion and from the vicious circles overlapping infection and food availability. Recent studies and surveys within the Region provide ample evidence of the problems of protein-energy malnutrition and other nutritional deficiencies in children.<sup>7-10</sup>

Table 53 shows the proportion of the population under 5 affected by protein-calorie malnutrition for selected countries in the Region. It appears that only about 48 per cent of children can be classed "normal" with respect to nutritional status. The percentage of normal children ranged from 72.3 in Montserrat to only 26.8 and 27.5 in Haiti and Honduras, respectively. According to the malnutrition classification of Gómez, 14.7 per cent suffer from moderate or advanced malnutrition.

<sup>7</sup>Batista Filho, M., *et al.* Protein-calorie malnutrition in three Brazilian state capitals: São Luis, Recife, and São Paulo. *Bull Pan Am Health Organ* 15(3): 231-240, 1981.

<sup>8</sup>Gueri, M. Childhood malnutrition in the Caribbean. *Bull Pan Am Health Organ* 15(2): 160-167, 1981.

<sup>9</sup>Food, sanitation and the socio-economic determinants of child growth in Colombia. *Am J Public Health*, 1981.

<sup>10</sup>Haiti nutrition status survey, 1978. *Bull WHO* 58(5): 757-765, 1980.

Table 53. Nutritional status of children under 5 years of age in Latin America, 1980 or most recent year available.

Country	Year	Total children examined	Nutritional Status (a)			
			Per cent normal	Per cent Grade I	Per cent Grade II	Per cent Grade III
Brazil	1980	2 929	48.5	37.2	12.0	2.3
Costa Rica	1978	2 640	54.2	36.8	8.5	0.5
Dominica	1978	396	49.5	38.6	10.3	1.8
El Salvador	1978	1 109	47.1	42.5	9.9	0.5
Grenada	1978	1 102	60.3	29.1	9.0	1.6
Guatemala	1979/80	4 117	27.4	43.0	27.2	2.3
Haiti	1978	5 353	26.8	46.0	24.1	3.2
Honduras	1976	...	27.5	43.0	27.2	2.3
Montserrat	1978	1 258	77.7	19.8	2.3	0.8
Nicaragua	1976	...	43.2	41.8	13.2	1.8
Panama	1980	...	50.0	38.6	---	11.4 ---
St. Kitts-Nevis and Anguilla	1978	664	59.3	33.4	6.9	0.3
Trinidad and Tobago	1978	1 585	50.7	36.8	11.1	1.4

(a) Degrees of malnutrition according to Gómez.

Note: Various sources of data were used including country publications.

A country's future is inextricably linked with the well-being of its children, which in turn depends to a high degree on their nutritional status. Thus, this may be considered another important index of a country's level of development. The improvement of this index is assigned a high priority in the pursuit of the goal of health for all by the year 2000.

In order to develop rational plans and policies for improving the Regional situation, the necessary knowledge of the magnitude of the problem of malnutrition and related factors should be acquired. Data on birth weight and order, family size and education, family income, food availability and consumption, and enteric infection risk should be obtained for all countries on a timely basis in order to reduce malnutrition as a cause of child mortality.

## YOUTH

For the purposes of this publication, young people are defined as those persons between the ages of 15 and

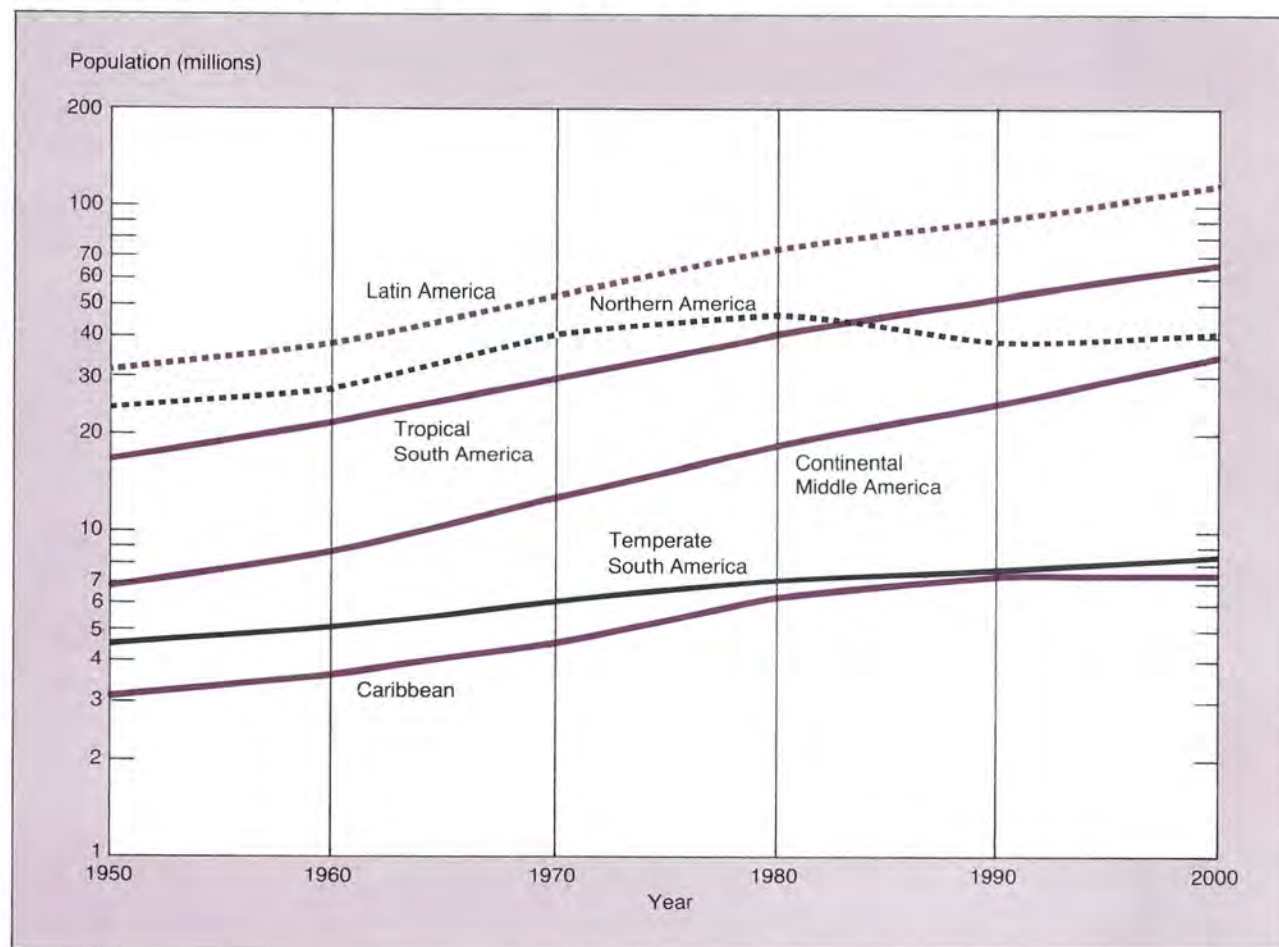
24 years. The size and therefore the relative importance of this group to health administrators is rapidly increasing. A total of 61 per cent of the population of Latin America was under 25, with 19 per cent of that between the ages of 15 and 24 in 1970. In absolute numbers, there were 53 million persons in this age bracket at the beginning of the decade.

In 1980 the 15-24 year-old age group increased to 20 per cent, that is, an absolute number of approximately 73 million young people, projected to reach over 117 million by the end of the century (Figure 50). The health concerns of this large and growing subset of the Latin American population present a serious problem in planning and implementing health services.

Although youths in this age bracket belong to various socioeconomic groups, they share certain characteristics; generally speaking, the following groups can be outlined:

- In rural areas young people become part of the agricultural work force at a very early age and their educational opportunities are consequently limited. Frequently they

Figure 50. Estimated and projected population 15-24 years of age in the Americas, 1950-2000.



## WOMEN

move to the cities to work at poorly paid jobs with practically no social security. Young women constitute the majority of this group.

- Poorly paid youths born in the city enter the labor force before the age of 15 or, at the latest, by 18. They may have had somewhat better educational opportunities, but their economic needs have led them to drop out early, thus shortening the duration of their youth.

- Those in the medium income group in rural and urban areas defer their entry into the work force as long as possible, since their economic status and other opportunities enable them to enter and remain in technical or higher education. Available data suggest that the majority of this group enters employment before reaching 20.

- Young persons from the middle and higher income group may extend their youth up to the age of 25 years.

In quantitative terms, at least two-thirds of the population of young people (over 48 million in 1980) appeared to fall in the first two groups; the remaining was made up of the balance of some 25 million of which only about 3.7 million had an extended youth that went much beyond the age of 20 years.

Health status measures for youth expressed in terms of specific mortality rates fail to depict either the magnitude or the nature of the problem. However, data presented in other parts of this publication show that in Latin America accidents, violent deaths in the form of homicide and suicide, cancer, and certain infectious diseases are among the five leading causes of death in young people. As for females, disorders associated with the reproductive cycle and the pathology of gestation, especially clandestine abortion, have a special significance.

The pattern of morbidity in the Region is highlighted by malnutrition and its sequelae, the delayed consequences of which have an adverse impact on schooling and pregnancy. Other serious morbidity problems affecting this group are alcohol abuse, drug dependency, and sexually transmitted diseases.

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*Goal of the Ten-Year Health Plan*

- Reduce the risks of illness and death to which mothers and children are currently exposed, and extend the coverage of maternal and child health services.
- 

In response to the aforementioned goal and the United Nations Decade for Women (1976–1985), governments of the Region assigned a high priority to the promotion and protection of women's health. However, information on women's health status is still limited primarily to data on causes of death and, to some extent, maternal health, but should be collected on a much broader range of health topics in the future. For example, data on disease incidence or prevalence are largely unavailable by sex and there is essentially no information on women's problems, on the nutritional status of women, women's occupational health problems, or the physical and mental health problems related to the longer life expectancy of women.

It is expected that more data will become available in the future since the governments of the Region have approved a five-year (1981–1985) plan of action for women in health and development which includes data collection activities. This five-year Regional plan is being integrated into the Plan of Action for the implementation of Regional strategies to obtain health for all by the year 2000, which in turn includes the assessment and monitoring of the health status of mothers and children as specific areas of action.

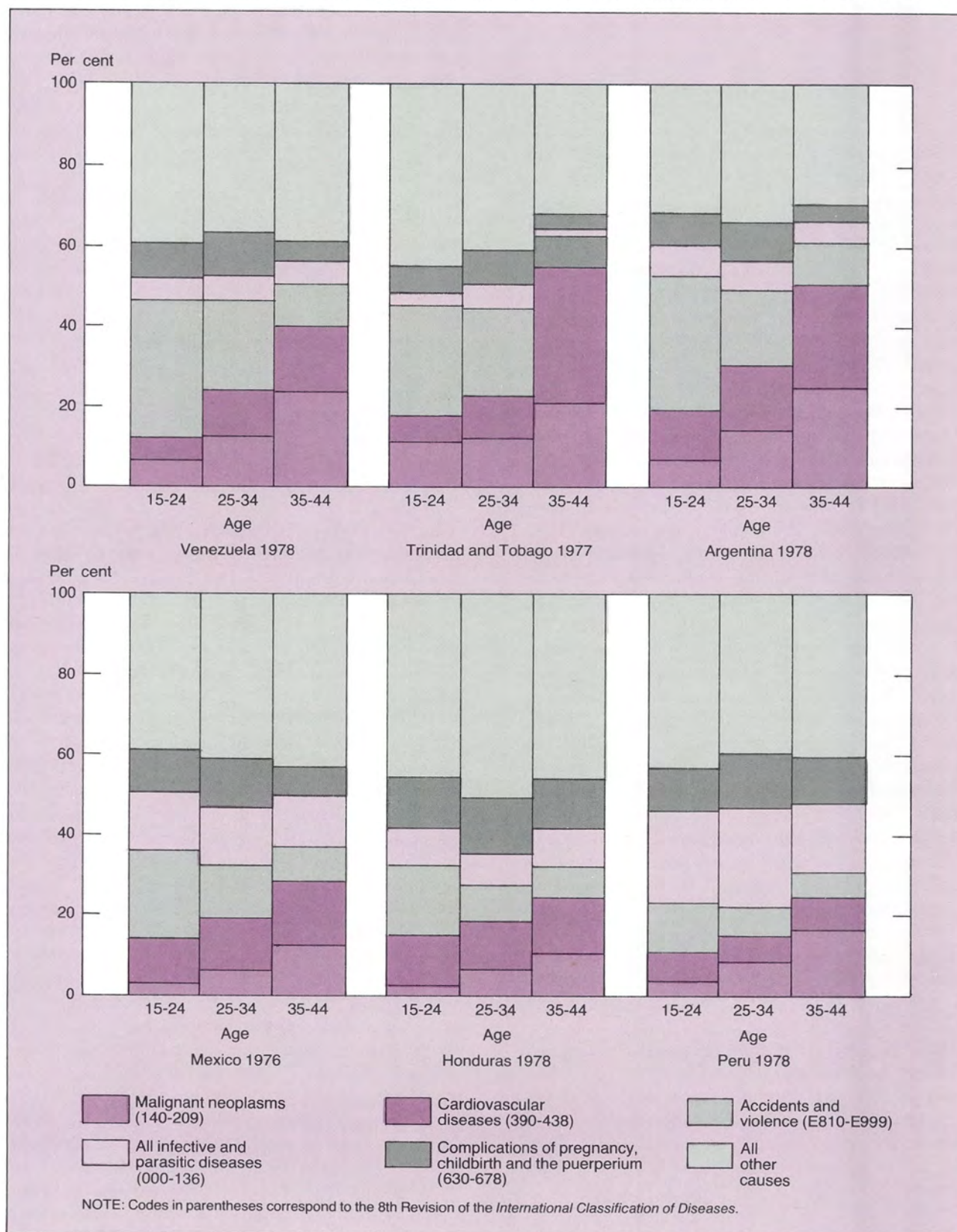
This section will present the available information on maternal health and limited data on maternal nutrition and women in health occupations. Previous

Table 54. Age-adjusted death rates per 1,000 population and percentage reduction, by sex and subregion, 1970 and 1978.

Subregion	1970		1978		Per cent reduction	
	Male	Female	Male	Female	Male	Female
Northern America	6.2	3.7	5.2	3.0	16.1	18.9
Caribbean	5.8	4.6	5.1	4.0	12.1	13.0
Continental Middle America	10.1	8.5	8.2	6.3	18.8	25.9
Temperate South America	8.7	5.9	6.9	4.6	20.7	22.0
Tropical South America	8.2	7.0	6.5	5.3	20.7	24.3



Figure 51. Percentage distribution of deaths by cause among women, in selected age groups, by country, around 1978.



sections have discussed the effect of specific diseases on women's health.

### General Mortality Trends

Women have a longer life expectancy than men, and this is reflected in generally lower death rates among women. Table 54 shows age-adjusted death rates per 1,000 population, by subregion and sex, in 1970 and 1978. The rates decreased over the period for both sexes, but the percentage decrease was greater for women than men in every subregion: decreases ranged from 13 per cent in the Caribbean to 26 per cent in Continental Middle America for the women, and from 12 in the Caribbean to 21 in Tropical and Temperate South America for men.

The five leading causes of death around 1978 were the same for men and women in Northern America, the Caribbean, and Temperate South America (Figure 10, p. 26); slight differences were observed in Continental Middle America and Tropical South America, but these were eliminated when considering an additional one or two causes. In Continental Middle America accidents were the leading cause of death among men and the sixth among women, whereas malignant neoplasms were the sixth cause among men and the fourth among women—hence the first six causes were the same for men and women in that subregion. In Tropical South America the first seven causes of death were the same for both sexes: accidents occupied second place for men and seventh for women; causes of perinatal mortality ranked sixth for both sexes; and cerebrovascular disease seventh for men and fifth for women.

A women's reproductive function requires that close attention be given to her health during the childbearing ages. A review of the causes of death among women in the 15–44 age group reveals wide disparities among countries of the Region. This is illustrated in Figure 51, which shows the percentage of deaths from selected groups of causes, by country, among women in the 10-year age groups of 15–24, 25–34, and 35–44.

Figure 51 shows that complications of pregnancy, childbirth, and the puerperium caused a sizable percentage of deaths in the three age groups considered. Cardiovascular diseases,<sup>11</sup> malignant neoplasms, and accidents and violence (including suicide and homicide) are tremendously important causes of death

among women in these age groups in several countries such as Trinidad and Tobago and Argentina. Simultaneously, the percentage of deaths due to infective and parasitic disease was not very high in these countries. In contrast, the latter group of diseases caused as great or greater a percentage of deaths among women 15–24 and 25–34 in Peru than did malignant neoplasms, accidents and violence, and cardiovascular diseases combined.

With the exception of maternal causes of death, the other cause groups identified in Figure 51 have been discussed in previous sections of this chapter.

### Maternal Mortality Trends

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#### *Goal of the Ten-Year Health Plan*

- Reduce maternal mortality by 40 per cent, within a range of from 30 to 50 per cent.
- 

In view of their reproductive role, women are considered vulnerable because during the reproductive process (while healthy in itself) there exists a potential for health problems, particularly under conditions of insufficient health care, inadequate food, or poor environment. Childbearing is spread over a longer period in developing than in industrialized countries. Because of this, women in developing countries not only undergo a higher risk per pregnancy but are at risk over a longer period of their lives.

Annex Table III-4 shows maternal deaths and death rates per 10,000 live births in the Region during 1960 and 1970–1980. Although a complete series is available at least through 1978 for most of the larger countries, no data were available for Brazil or Bolivia during the entire period, for Argentina 1971–1976, Jamaica after 1972, Nicaragua 1970–1972 and after 1977, Colombia 1971, and Mexico after 1976. There are also quite a few gaps among the small island countries.

Maternal mortality rates by country are extended over a very wide range, and in the most recent years varied in Latin America from a high of 45.8 per 100,000 live births in Paraguay in 1978 to a low of 1.1 in Puerto Rico in 1979. Substantial reductions were achieved during 1970–1980, yet the fact that these latest rates might be reduced even further is illustrated by the maternal mortality rate decrease in the United States and Canada during the decade: from 2 in 1970 in both countries to 1 and 0.6, respectively, in 1978.

Figure 52 shows maternal mortality trends during 1960–1980 in three Middle American and three South American countries. A decreasing trend may be seen

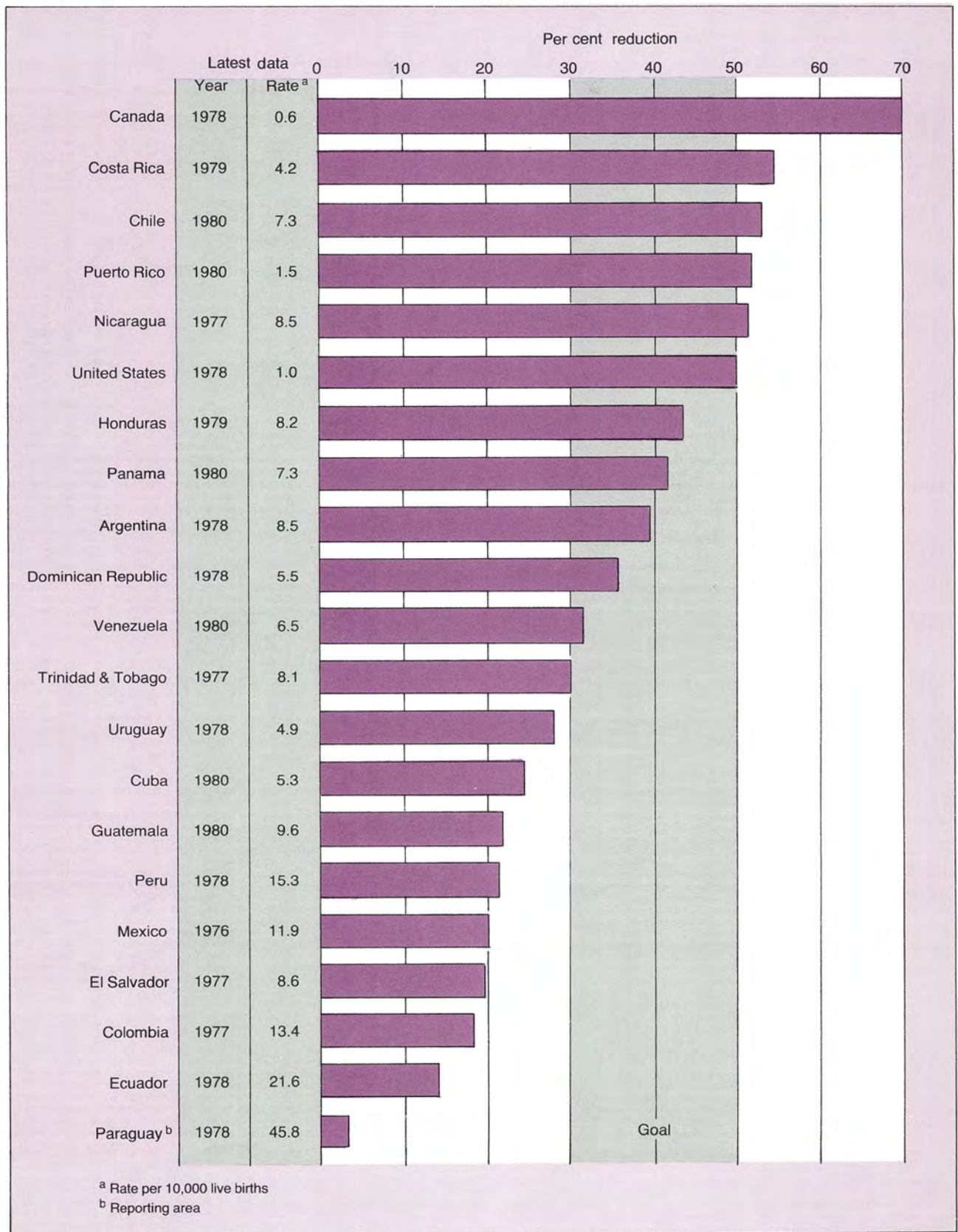
<sup>11</sup>This grouping comprises diseases of the heart (ICD-8, Nos. 390–429), including rheumatic heart disease and cerebrovascular disease (430–438).

Figure 52. Trends in maternal death rates, in selected countries, 1960-1980.





Figure 53. Achievements in reducing maternal mortality rates in relation to the goal of the Ten-Year Health Plan.



throughout the entire period in all countries although the decline took place at a faster pace in some countries than in others. A sharp decrease was noted in Chile from 30 in 1960 and 32 in 1961, to 7 in 1980. Ecuador which began at 27 in 1960, achieved a reduction to 16 in 1977, followed by an increase to 22 in 1978. In Venezuela the rates gradually dropped from around 11 in 1960 to 6 in 1979 and 6.5 in 1980.

In Middle America, Guatemala was able to achieve a large reduction from 23 in 1960 to 9.6 in 1980, as was Cuba with 12 in 1960 and 5 in 1980. The decrease in Mexico was steady though not dramatic: from 19 in 1960 to around 11 in 1974, with a slight increase to 12 in 1976.

Figure 53 summarizes reductions in maternal mortality in relation to the goal of the Ten-Year Health Plan. The figure shows the percentage decrease observed, by country, between 1970–1971 and the latest two years with data available; it also shows the most recent rate in each country.

Canada, Chile, Costa Rica, Puerto Rico, Nicaragua, and the United States surpassed the goal with a reduction of 50 per cent or more in the maternal mortality rate. Fully meeting the goal were Argentina, Dominican Republic, Honduras, Panama, Trinidad and Tobago, and Venezuela. A reduction of 27 per cent placed Uruguay very close to the goal; Cuba was also close with 24 per cent.

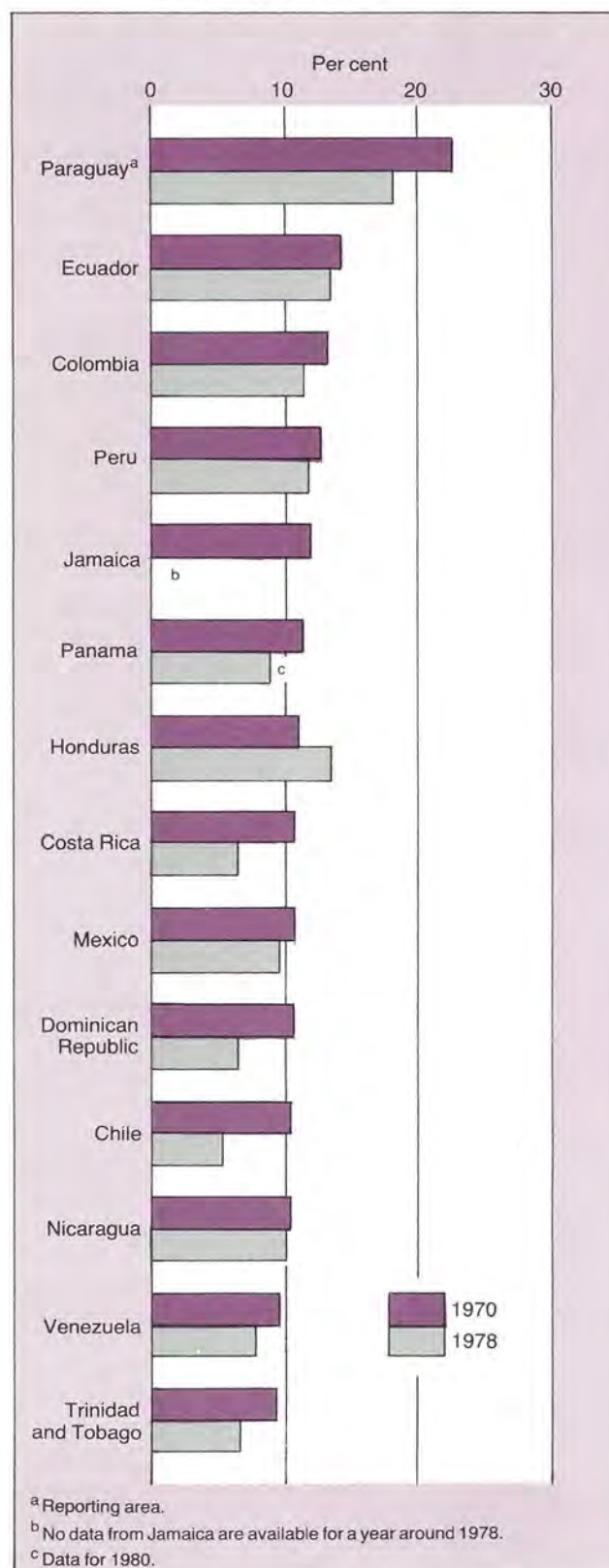
### Causes of Maternal Death

Complications of pregnancy, childbirth, and the puerperium continued to be a leading cause of death among women 15–44. The countries shown in Figure 54 are those which had the highest percentage of deaths due to maternal causes among women in this age group in 1970. That percentage ranged from 23 in Paraguay (167 deaths) to 9 in Trinidad and Tobago (33 deaths). Most of the corresponding percentages for 1978 remained high, ranging from 18 in Paraguay to 5 in Chile. No data were available for Jamaica around 1978.

It is widely believed that there is extensive underreporting of maternal deaths. This underreporting reflects the limited availability of care during pregnancy and at delivery in addition to problems of medical certification of deaths and the possibility that not enough attention is given to the proper completion of death certificates.

International reporting of maternal causes of death identifies seven broad categories or subgroups of maternal causes. These subgroups are shown, with the corresponding ICD-8 category numbers in Table 55.

Figure 54. Percentage of total deaths among women 15–44 years of age due to complications of pregnancy, childbirth, and the puerperium, in selected countries, 1970 and 1978.





Since this information is obtained from death certificates, problems related to reporting or medical certification affect data on the distribution of maternal deaths by cause.

Table 56 shows the number of maternal deaths in El Salvador during 1977 by department and type of certification. For medically certified deaths the table also shows the number of women who received medical care. In that year 65 of 153 maternal deaths (42 per cent) were not medically certified—an indication that maternal mortality statistics may be seriously deficient. The maternal mortality rate in El Salvador for 1977 was 8.6 per 10,000 live births.

The table also shows that 55 of the 85 women who received medical care (65 per cent) died in four of El Salvador's 14 departments. On the other hand, 50 per cent of the maternal deaths occurred in the same departments which contained 48 per cent of the total population in 1977.

The specific causes of the 153 maternal deaths were: toxemia (13); hemorrhage (18); abortion (12); sepsis (10); and other complications of pregnancy, childbirth, and puerperium (100 or 65 per cent).

The distribution of maternal deaths by subgroups of causes is presented, by country, in Table 57 and Figure 55. The large percentage of deaths attributed to

Table 55. Subgroups of maternal causes of death according to the Eighth Revision of the *International Classification of Diseases*.

Subgroup	ICD-8 Categories
Toxemias of pregnancy and the puerperium	636-639
Hemorrhage of pregnancy and childbirth	632, 651-653
Abortion induced for legal indications	640, 641
Other and unspecified abortion	642-645
Sepsis of childbirth and the puerperium	670, 671, 673
Other complications of pregnancy, childbirth and the puerperium	630, 631, 633-635, 654-662, 672, 674-678

Table 56. Maternal deaths by type of certification and department, El Salvador, 1977.

Department (a)	Total	Medically certified		Not medically certified
		Receiving medical care	No medical care	
El Salvador	153	85	3	65
San Salvador	19	17	-	2
Santa Ana	21	18	1	2
San Miguel	19	13	-	6
La Libertad	17	7	1	9
Rest of country	77	30	1	46

Source: Anuario Estadístico 1977, Dirección General de Estadística y Censos, El Salvador, 1979.

(a) Department where the death occurred.

Table 57. Number of maternal deaths by cause and country, around 1978.

Country	Year	Total	Toxemia	Hemorrhage	Abortion	Sepsis	Other	
							No.	Per cent
Argentina	1978	562	86	90	170	70	146	26.0
Canada	1978	23	6	4	-	3	10	43.5
Chile	1979	176	32	23	58	24	39	22.2
Colombia	1977	1 077	255	190	211	76	345	32.0
Costa Rica	1979	29	2	5	4	4	14	48.3
Cuba	1978	67	7	5	5	17	33	49.3
Dominican Republic	1978	104	33	27	9	12	23	22.1
Ecuador	1978	498	107	110	30	56	195	39.2
El Salvador	1977	153	13	18	12	10	100	65.4
Guatemala	1978	343	7	20	30	11	275	80.2
Guyana	1977	24	5	10	6	1	2	8.3
Honduras	1978	165	2	3	4	-	156	94.5
Jamaica	1971	90	20	28	5	5	32	35.6
Mexico	1976	2 561	442	508	149	215	1 247	48.7
Nicaragua	1977	84	1	3	4	-	76	90.5
Panama	1974	44	7	8	1	4	24	54.5
Paraguay	1978	151	20	45	23	15	48	31.8
Peru	1978	690	41	216	59	62	312	45.2
Puerto Rico	1977	10	6	-	-	1	3	30.0
Suriname	1978	14	7	4	-	1	2	14.3
Trinidad and Tobago	1977	22	4	2	9	1	6	27.3
United States	1978	321	62	36	16	61	146	45.5
Uruguay	1978	32	11	5	5	3	8	25.0
Venezuela	1978	310	67	53	61	66	63	20.3

“Other complications of pregnancy, childbirth, and the puerperium” is particularly noticeable—an indication that this subgroup of causes is probably serving as a residual category. For example, the percentage of maternal deaths due to this subgroup of causes was as high as 80 per cent in Guatemala in 1979 (275 of 343 deaths) and 95 per cent in Honduras in 1978 (156 of 165 deaths).

In some countries, however, this is clearly not the case. For example, the increase in the percentage of deaths due to this subgroup which took place in the United States and Cuba between 1968 and 1978 was accompanied by a tremendous decrease in the number of maternal deaths during that period, as well as by a dramatic drop in the number and percentage of deaths from abortion.

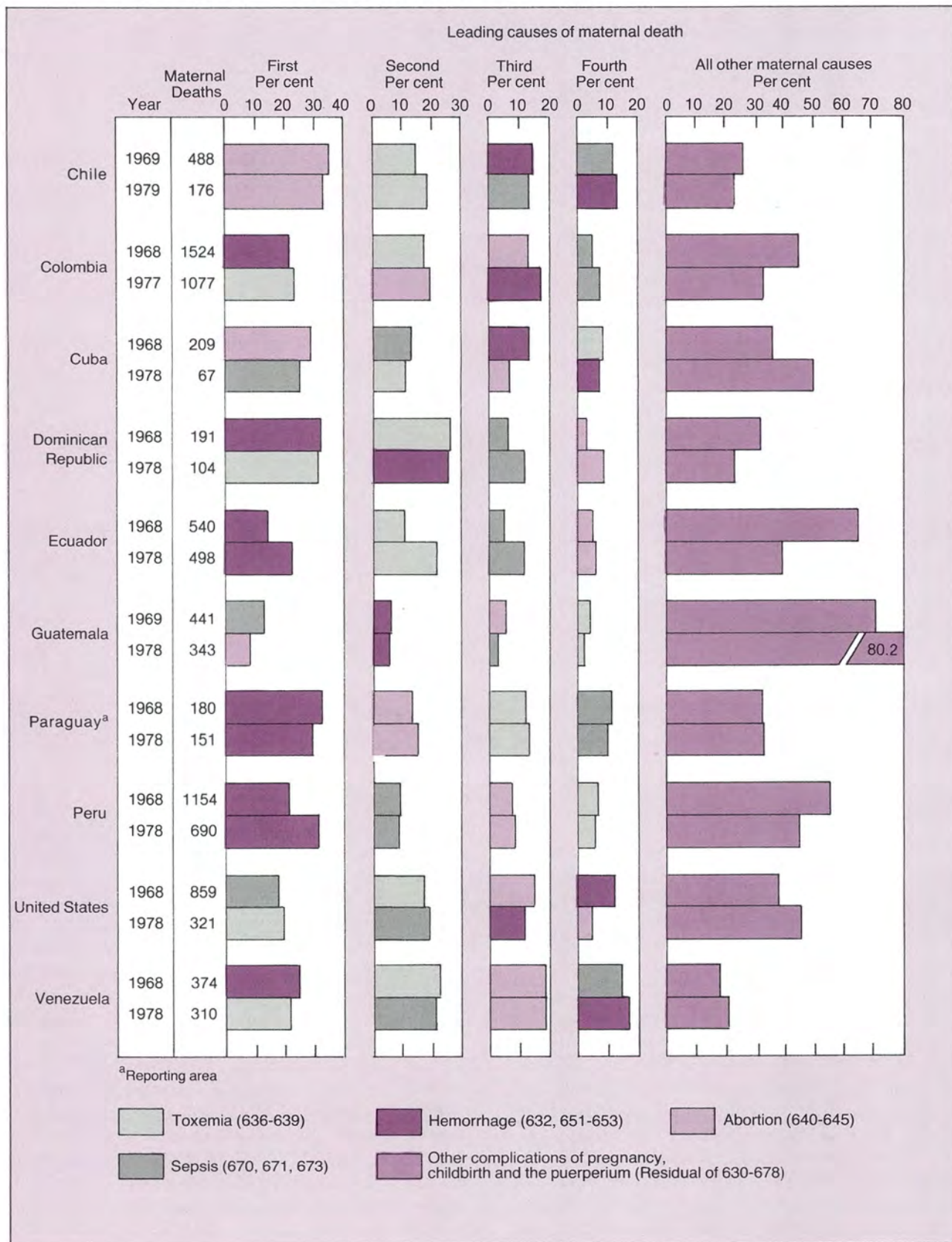
Although the number and percentage of maternal deaths due to abortion were high, the figures probably do not begin to reflect the magnitude of the problem.

Abortion is legal in Canada (under certain circumstances), Cuba, and the United States. In Uruguay, legal penalties may be waived if a woman has an abortion in the first three months of pregnancy for reasons of economic hardship. In the rest of Latin America abortion legislation is very restrictive, and in such countries as Bolivia, Colombia, Dominican Republic, El Salvador, Haiti, and Panama, it is unequivocally illegal.

Inasmuch as criminal investigations may begin after a death resulting from an illegal abortion (or even after hospitalization), it is likely that a large number of these deaths are recorded in mortality statistics as caused by hemorrhage or sepsis. Similarly, since a woman may be incarcerated upon discharge from the hospital if the hospitalization was the consequence of an illegal abortion, even the hospital discharge statistics are subject to inaccuracy.

Trends in deliveries and abortions in Canada, Co-

Figure 55. Number and percentage distribution of maternal deaths by sub-groups of causes, in decreasing order of importance, in selected countries, around 1968 and 1978.



Colombia, and the Dominican Republic, are shown in Table 58. The data for Canada refer to the whole country and the deliveries shown are actually the number of live births. The data for Colombia and the Dominican Republic refer to health establishments of the official sector only; deliveries exclude abortions.

Experts believe that clandestine abortions continued on the increase, with concomitant public health problems. The data for Colombia and the Dominican Republic would tend to support this. However, the number of reported deaths from abortion is often very low for reasons discussed. In the Dominican Republic, around 10 abortion deaths yearly (under 10 per cent of all maternal deaths) were reported during 1968–1978; Colombia reported around 200 abortion deaths yearly (under 20 per cent of all maternal deaths) for the same period.

In countries where it is legal, the incidence of abortion did not decrease, but the number of maternal deaths from abortion declined sharply. The fact that legal abortion is extremely safe is illustrated in Table 59. During 1975–1977 a total of almost 3 million legal abortions were performed in the United States with a total of only 55 abortion-related deaths.

The incompleteness of maternal mortality statistics may also reflect inconsistent application of the maternal death definition specified by the World Health Organization: "...the death of a woman while pregnant or within 42 days of termination of pregnancy, irrespective of the duration and the site of the pregnancy, from any cause related to or aggravated by the pregnancy or its management but not from accidental or incidental causes" (ICD-9).

A recent U.S. study illustrates the effect of a change

Table 58. Number of deliveries and abortions in selected countries, by year.

Country	Year	Total	Deliveries	Abortions
Canada	1971	393 110	362 187 (a)	30 923
	1972	386 172	347 319 (a)	38 853
	1973	386 574	343 373 (a)	43 201
	1974	393 781	345 645 (a)	48 136
	1975	407 932	358 621 (a)	49 311
	1976	414 465	359 987 (a)	54 478
Dominican Republic (b)	1975	89 916	80 393	9 523
	1976	116 010	97 951	18 059
	1977	124 581	110 533	14 048
	1978	129 180	114 338	14 842
Colombia (c)	1974	288 706	256 003	32 703
	1975	228 600	203 160	25 440
	1976	315 868	280 371	35 497
	1977	340 616	304 248	36 368
	1978	334 451	296 900	37 551

Sources: Estadísticas de Salud, Secretaría de Estado de Salud Pública y Asistencia Social, República Dominicana, 1978. El Aporte de la Mujer en los Programas de Salud, Ministerio de Salud, Colombia, 1979. Therapeutic Abortions, Advance Information, Statistics Canada, Canada 1977.

(a) Live births. (b) Data refer to deliveries and abortions in establishments of the Ministry of Health and Social Welfare. (c) Data refer to deliveries and abortions in establishments of the official sector and therefore exclude those in social security and private establishments, as well as an unknown number of illegal abortions.



Table 59. Legal abortions, abortion-related deaths, and death rates per 100,000 abortions, by period of gestation, United States, 1975-1977.

Year and period of gestation	Legal abortions (a)	Abortion-related	
		Deaths	Death rate (b)
Total, 1975-1977	2 922 550	55	1.9
Under 9 weeks	1 398 252	8	0.6
9-10 weeks	812 549	9	1.1
11-12 weeks	410 999	7	1.7
13-15 weeks	124 354	10	8.0
16-20 weeks	148 036	15	10.1
21 weeks and over	28 360	6	21.2

Source: Health United States, 1979, U.S. Department of Health Education, and Welfare, DHEW Publication No. (PHS) 80-1232, Washington, D.C., 1980.

(a) Abortions reported to the U.S. Center for Disease Control. (b) Rate per 100,000 abortions.

in the 42-day limitation on maternal mortality statistics.<sup>12</sup> The study identified maternal deaths of residents of the State of Georgia in two ways: (1) using a time-bound definition considering only those deaths occurring within 42 days of delivery, and (2) a time-independent evaluation of maternal deaths. Information on live births reported in 1975 and 1976 was compared with the information on deaths of Georgia women aged 10-44 years in 1975, 1976, and the first two months of 1977.

Even when the 42-day limit was observed, underreporting of maternal deaths by 27 per cent was found. When the time interval was disregarded, underreporting rose to 33 per cent. Both estimates are considered conservative, since they relate to maternal deaths associated with deliveries of live-born infants. Death registration data indicate a greatly increased risk of maternal death after delivery of a stillborn infant, although the extent of underreporting associated with the delivery of a stillborn infant or with ectopic pregnancy has yet to be measured.

Studies have also shown that both birth order and mother's age have an effect on the risk of maternal death. Unfortunately, the effect of age on maternal mortality is confounded with the effect of birth order: younger mothers have a large proportion of low-birth-order births and older mothers a large proportion of

high-birth-order births. Other factors, such as the mother's nutritional status, spacing of pregnancies, and medical history can greatly increase maternal risks; yet little information is available to quantify it and even less to make international comparisons.

The distribution of live births by maternal age and birth order in several countries is shown in Table 60. A large proportion of births are of fourth or higher order, and many are related to women 35 years and over. If, for the purpose of this publication, a simplified definition of high-risk births is adopted so as to include the sum of all live births to women under 20 or over 34 years of age, plus the live births of fourth or higher order to women aged 20-34, it is evident that in the years shown, El Salvador and Saint Lucia had 60 and 63 per cent high-risk births, respectively, while Paraguay and Uruguay had 51 and 46 per cent high-risk births, respectively.

Table 61 provides additional information concerning the problem of high-risk birth. Although the data are only available by age of the mother, it is clear that the percentages of births to mothers under 20 and over 34 were quite high a decade ago and remained high in the most recent data year. There was a decrease in the percentage of births to mothers over 34 years in a number of countries; but in many this was concomitant with an increase in the percentage of births to mothers under 20. In a few countries an increase was observed in the percentage of births to mothers in both high-risk age groups. The table shows the urban-rural distribution of births where available.

<sup>12</sup>Rubin, G. *et al.* The risk of childbearing re-evaluated. *Am J Public Health* 71(7): 712-716, 1981.

Table 60. Registered live births by maternal age and birth order, selected countries, around 1977.

Country and maternal age	Live births	Birth order				Not stated
		1	2	3	4	
<u>El Salvador (1977)</u>						
All ages	177 531	47 036	35 299	26 875	68 321	-
Under 20	35 146	23 721	8 820	2 167	438	-
20 - 34	117 403	22 233	25 363	23 108	46 699	-
35 and over	23 855	792	918	1 437	20 708	-
Not stated	1 127	290	198	163	476	-
<u>Paraguay (1977)</u>						
All ages	31 850	10 758	6 944	4 161	9 987	-
Under 20	5 386	4 188	996	165	37	-
20 - 34	21 997	6 338	5 693	3 680	6 286	-
35 and over	4 453	227	251	314	3 661	-
Not stated	14	5	4	2	3	-
<u>St. Lucia (1978)</u>						
All ages	4 140	1 148	859	638	1 489	6
Under 20	1 114	742	284	79	8	1
20 - 34	2 599	400	563	533	1 100	3
35 and over	410	4	10	24	372	-
Not stated	17	2	2	2	9	2
<u>Uruguay (1977)</u>						
All ages	57 976	16 293	13 645	8 478	12 075	7 485
Under 20	8 452	4 905	1 696	321	65	1 418
20 - 34	40 980	10 699	10 917	6 847	8 014	4 503
35 and over	7 520	594	976	1 263	3 908	779
Not stated	1 024	95	56	47	88	738

Sources: Anuario Estadístico 1977, Dirección General de Estadística y Censos, El Salvador, 1979. Estadísticas Vitales en el Paraguay Año 1977, Ministerio de Salud Pública y Bienestar Social, Paraguay, 1979. Annual Report of the Health Division, 1978, Ministry of Health and Housing, St. Lucia. Natalidad - Fecundidad 1977, Ministerio de Salud Pública, Uruguay, 1979.

A large proportion of maternal deaths could be avoided by adequate prenatal care and care at delivery. Table 62 shows the distribution of live births in El Salvador and Uruguay in 1977 by type of attendance at delivery, whether or not deliveries took place in hospitals and whether they occurred in the capital or elsewhere. In Uruguay 94 per cent of all live births took place in hospitals (i.e., health establishments of all types), whereas in El Salvador only 25 per cent of the live births occurred in such settings. In both countries, roughly half the births in hospitals were in the capital. All the births in hospitals in El Salvador were attended by physicians, whereas in Uruguay 40 per cent were attended by physicians and 59 per cent by midwives. A total of 40 per cent of the live births in El

Salvador were delivered without attendance; in Uruguay only 4 per cent were thus delivered.

The information in Table 63 is very similar to that in Table 62, but the data for these countries were not available in the same detail as those for El Salvador and Uruguay in Table 62. These two countries are included in both tables for ease of reference.

Table 63 illustrates that wide differences exist among countries in the Region in professional attendance at delivery. El Salvador and Uruguay present two different levels of professional attendance, with 96 per cent of live births in Uruguay being attended by a health professional (such as a physician, nurse, or other qualified personnel) and 60 per cent of those in El Salvador. However, even in countries where the

Table 61. Number of live births and percentage distribution of births by age of mother, selected countries, around 1967 and 1977.

Country	Year	Live births	Per cent by age of mother			
			Under 20 years	20-34 years	35 years and over	Unknown age
Barbados	1967	5 455	22.9	63.0	14.1	0.1
	1977	4 482	23.5	68.2	7.2	1.0
Canada (a)	1966	373 626	11.4	75.5	13.0	0.2
	1976	348 857	10.7	83.9	4.7	0.6
Chile	1964	275 323	11.3	70.4	17.1	1.2
	1974	250 462	16.3	72.1	11.6	-
Costa Rica	1969	57 984	15.8	68.0	15.9	0.3
	1978	67 659	20.3	69.4	9.4	0.9
Ecuador (b)	1966	220 930	9.1	58.4	15.6	16.9
	1976	227 415	11.9	65.7	16.2	6.1
El Salvador	1968	140 986	16.2	67.7	15.4	0.7
Total	1978	172 897	20.4	65.5	13.4	0.7
Urban	1978	67 273	21.3	68.0	10.2	0.6
Rural	1978	105 624	19.9	63.9	15.4	0.8
Guatemala	1967	206 520	17.5	65.9	16.5	0.2
Total	1977	284 747	17.7	67.8	14.4	0.1
Urban	1977	103 403	17.6	70.3	12.0	0.2
Rural	1977	181 344	17.7	66.4	15.7	0.1
Honduras (b)	1966	100 266	15.8	67.1	17.2	-
	1976	132 793	18.6	63.5	14.3	3.7
Mexico (c)	1964	1 835 011	11.2	71.2	17.6	-
	1974	2 607 452	12.7	64.8	21.7	0.8
Panama (d)	1968	52 489	17.6	68.6	11.0	2.9
Total	1978	53 040	20.1	68.6	9.5	1.8
Urban	1978	24 865	18.2	74.7	6.1	1.0
Rural	1978	28 175	21.7	63.3	12.4	2.5
Puerto Rico	1967	70 735	17.0	72.2	10.7	0.1
	1977	75 151	18.4	74.6	6.8	0.1
Trinidad and Tobago	1967	28 462	17.2	71.4	10.8	0.6
	1977	27 895	18.5	72.8	8.1	0.5
United States	1966	3 606 274	17.5	73.4	9.2	-
	1976	3 167 788	18.0	77.5	4.5	-
Uruguay	1967 (e)	51 450	10.6	68.7	13.9	6.8
	1977	57 976	14.6	70.7	13.0	1.8
Venezuela (b) (f)	1967	407 986	15.1	69.1	15.2	0.6
	1977	465 332	17.3	70.5	11.9	0.3

Sources: U.N. Demographic Yearbook Historical Supplement, United Nations, N.Y., 1979.  
U.N. Demographic Yearbook 1979, United Nations, N.Y., 1980

(a) Excluding Newfoundland. (b) Data from civil registers reported to the U.N. to be incomplete or of unknown completeness. (c) Data are confinements resulting in live births. (d) Excluding the former Canal Zone. (e) Based on sample of recorded births. (f) Excluding Indian jungle population estimated at 31 800 in 1961.

level of professional attendance at delivery was high, the difference between urban and rural areas could be significant. For example, in Panama, which had 77 per cent of live births attended professionally at delivery, a situation exists whereby 42 per cent of live births in rural areas took place without professional attendance. In comparison, only 1 per cent of live births in urban areas were not professionally attended.

Available data from Trinidad and Tobago on live births by place of occurrence and person in attendance are shown in Tables 64 and 65. There are two general hospitals in Trinidad and Tobago, located in Port-of-Spain and San Fernando. Most of the live births in the country took place in hospitals (90 per cent); a total of 94 per cent of all live births were attended by doctors (8 per cent) or midwives (86 per cent).

Table 62. Number of live births by place of occurrence and person in attendance at delivery, El Salvador and Uruguay, 1977.

Place of occurrence	Live births	Person in attendance		
		Doctor	Midwife	Other or none
<u>El Salvador, 1977</u>	177 535 (a)	44 579	62 431	70 523
Hospitals (b)	43 775	43 775	-	-
San Salvador	21 557	21 557	-	-
Rest of country	22 218	22 218	-	-
Outside of hospitals (c)	133 758	804	62 431	70 523
San Salvador	14 482	192	7 218	7 072
Rest of country	119 276	612	55 213	63 451
<u>Uruguay, 1977</u>	57 976	22 555	33 242	2 179
Hospitals (d)	54 714	22 096	32 517	101
Montevideo	28 486	15 516	12 869	101
Rest of country	26 228	6 580	19 648	-
Outside of hospitals	3 262	459	725	2 078
Montevideo	854	49	94	711
Rest of country	2 408	410	631	1 367

Sources: Anuario Estadístico 1977, Dirección General de Estadística y Censos, El Salvador, 1979. Natalidad - Fecundidad 1977, Ministerio de Salud Pública, Uruguay, 1979.

(a) Total live births for 1977 were 177 560; distribution by type of attendance at delivery is available for 177 533. (b) Includes all types of hospitals, both government-owned and private. (c) Any type of dwelling. (d) Includes all health establishments.

Table 63. Number of live births and distribution by type of attendance at delivery, selected countries, around 1978.

Country	Year	Live births (a)	Professionally attended (b)			Not professionally attended	
			Total	Hospital	Other	Number	Per cent
Chile	1979	219 623	198 529	197 553	976	21 094	9.6
El Salvador	1977	177 533	107 010	43 775	63 235	70 523	39.7
Panama (c)	1978	51 688	39 960	...	...	11 728	22.7
Urban	1978	24 338	24 041	...	...	297	1.2
Rural	1978	27 350	15 919	...	...	11 431	41.8
Paraguay (d)	1977	31 850	20 720	...	...	11 130	34.9
Uruguay	1977	57 976	55 797	54 613	1 184	2 179	3.8
Saint Lucia	1978	4 140	3 617	3 164	453	523	12.6

Sources: Anuario 1979 - Nacimientos, Ministerio de Salud, Chile, 1980. Panamá en Cifras 1974-1978, Panamá. Also see sources in Table 60.

(a) Total live births for which information on care at delivery is available. (b) Live births attended by health professionals: physicians, nurses and other authorized personnel. (c) Provisional. (d) Reporting area.



Table 64. Number of live births by place of occurrence, Trinidad and Tobago, 1976.

Country or area	Live births	Place of occurrence			
		Government hospital	Private hospital (a)	Private home	Other
Trinidad and Tobago	27 149	21 278	3 053	2 665	153
Port-of-Spain	10 315	9 096	1 176	31	12
San Fernando	7 236	6 487	678	68	3
Tobago	977	906	-	78	13
Rest of country	8 601	4 789	1 199	2 488	125

Source: Annual Report of the Ministry of Health for the Year 1978, Trinidad and Tobago.

(a) Including nursing homes.

Table 65. Number of live births by person in attendance at delivery, Trinidad and Tobago, 1976.

Country or area	Live births	Person in attendance		
		Doctor	Midwife	Other
Trinidad and Tobago	27 149	2 110	23 289	1 750
Port-of-Spain	10 315	1 072	9 218	25
San Fernando	7 236	504	6 726	6
Tobago	997	3	943	51
Rest of country	8 601	531	6 402	1 668

Source: Annual Report of the Ministry of Health for the Year 1978, Trinidad and Tobago.

### Maternal Nutrition

Nutritional deficiencies, common in Latin America, present a special problem during pregnancy and lactation. Studies of pregnant women from population groups of low socioeconomic status in Latin America indicate dietary deficiencies such as low caloric intake, protein, vitamin A, riboflavin, iron, and in some areas, iodine.

Available evidence indicates that in many ways the nutritional status of a fetus reflects deficiencies experienced by its mother. Thus, maternal nutrition has

great public health significance because it affects not only mothers but their unborn children.

Pregnancy produces an increased need for nutrients; because of this, the recommended dietary allowances for specific country and population groups involved should be taken into account when planning public health programs. For example, Table 66 shows recommended dietary allowances for pregnant, lactating, and non-pregnant women in the United States, Continental Middle America, and the Caribbean. Some of the differences are explained by differences in the standard body size estimated for each population

Table 66. Recommended dietary allowances<sup>(a)</sup> for non-pregnant, pregnant, and lactating women in the United States, Continental Middle America, and the Caribbean.

Item	Not Pregnant			Pregnant			Lactating		
	U.S.A.	Continental Middle America	Caribbean	U.S.A.	Continental Middle America	Caribbean	U.S.A.	Continental Middle America	Caribbean
Energy (k Cal)(b)	2 000	2 050	2 200	2 300	2 400	2 485	2 500	2 600	2 750
Protein (g)(c)	46	45	41	76	60	54	66	68	65
Fat-soluble vitamins:									
Vitamin A (retinol equivalents, $\mu$ g)	800	750	750	1 000	900	800	1 200	1 100	1 200
Vitamin D ( $\mu$ g)	0	...(d)	2.5	10	...(d)	5	10	...(d)	5
Vitamin E (I.U.)	12	...(d)	12	15	...(d)	15	15	...(d)	15
Water-soluble vitamins:									
Thiamine (mg)	1.0	0.8	0.9	1.3	1.0	1.0	1.3	1.0	1.1
Riboflavin (mg)	1.2	1.1	1.2	1.5	1.3	1.4	1.5	1.4	1.5
Niacin equivalents (mg)	13.0	13.5	15.0	15.0	15.8	17.0	17.0	17.2	19.0
Pyridoxine (mg)	2.0	...(d)	1.5	2.5	...(d)	2.0	2.5	...(d)	2.1
Ascorbic acid (mg)	45	30	30	60	50	50	80	50	50
Folacin ( $\mu$ g)	400	200	200	800	400	400	600	300	300
Vitamin B <sub>12</sub> ( $\mu$ g)	3.0	2.0	2.0	4.0	3.0	3.0	4.0	2.5	2.5
Calcium (mg)	800	450	500	1 200	1 100	1 000	1 200	1 100	1 000
Magnesium (mg)	300	...(d)	250	450	...(d)	300	450	...(d)	350
Iron (mg)(e)	18	28(f)	19	18(g)	28(f)	19	18	28(f)	19
Iodine ( $\mu$ g)	100	...(d)	...(d)	125	...(d)	...(d)	150	...(d)	...(d)

(a) These allowances are intended to provide sufficient amounts of nutrients to maintain health in nearly all population groups; the sources for these recommendations are the U.S. National Academy of Sciences for the United States, the Institute of Nutrition of Central America and Panama for Continental Middle America, and the Caribbean Food and Nutrition Institute for the Caribbean. (b) Based on moderate activity for adults; adjustments should be made for greater or lesser activity. (c) Adjusted to Net Protein Utilization (NPU) = 70 for average Caribbean diet (except for infants 0-1 year of age), which is reference protein. (d)... = No published information available. (e)Based on 15 per cent absorption for people obtaining 14-20 per cent of their energy intake from animal foods. (f) Based on 10 per cent absorption for people obtaining 8-13 per cent of their energy intake from animal foods. (g)The use of supplemental iron is recommended.

Source: Programs to Improve the Nutrition of Pregnant and Lactating Women, Bull. Pan American Health Organization 14(1), 1980.

Table 67. Daily dietary "cost" of pregnancy in an indigenous rural community of the Guatemalan highlands, 1978, based on recommended increases in the intake of local products.

Nutrient values and cost of local products	Nightshade(a) 1/2 bunch (21 g)	Beans (4 tablespoons, cooked)	Tortillas (yellow, 2 units)	Cheese (15 g)	Tomatoes (1/2 unit)	Cabbage (1 leaf)	Total	Recommended increase during pregnancy(b)
Energy (kCal)	10	108	186	65	5	6	380	350
Protein (g)	1.1	7	5	4	0.2	0.4	17.7	15.0
Calcium (mg)	48	28	142	341	1	10	570	650
Iron (mg)	2.7	2.4	2.2	0.2	0.1	0.2	7.8	0
Thiamine (mg)	0.04	0.2	0.1	0.05	0.01	0.01	0.41	0.20
Riboflavin (mg)	0.06	0.06	0.04	0.01	0.01	0.01	0.19	0.20
Niacin (mg)	0.1	0.6	1.0	0	0.1	0.1	1.9	2.30
Retinol (Vitamin A µg)	115	0	14	29	13	2	173	150
Cost (US cents)	1	2.2	2.0	3.0	0.5	0.3	9.0	

Source: Programs to Improve the Nutrition of Pregnant and Lactating Women, Bull. Pan American Health Organization 14(1), 1980.

(a) It may be replaced by: chard, watercress, goosefoot, crotalaria, spinach, lettuce, carrots, ripe mango or one g of cow liver. (b) INCAP, Recomendaciones dietéticas diarias para Centro América y Panamá, 1973.

Table 68. Percentage of women in health sector occupations, selected countries of Latin America, 1978.

Occupation	Per cent female					
	Colombia	Cuba	El Salvador	Honduras	Paraguay	Peru
Gynecology and/or obstetrics	...	25	...	2	25	8
Other medical specialists	...	37	...	2	12	10
General practitioners	9 (a)	39	3	5	38	20
Nurses	95	95	9	99	30	95
Paramedical personnel	...	82	...	95	10	80
Community workers	...	75	...	70	43	60
Policy formation	...	5	...	5	4	5
Senior administrators	17	20	...	13	...	5
Medical students	...	35	...	30	50	20

Source: Statistical Abstract, A/CONF. 94/25, World Conference of the U.N. Decade for Women, 1980.

(a) Data for 1975.

**Table 69. Percentage of women graduates in health sciences professions, Colombia, 1974-1976.**

Profession	1974	1975	1976
Bacteriology	97.3	98.6	97.0
Dentistry	64.0	64.7	65.8
Medicine	16.3	14.5	19.5
Microbiology	73.3	83.3	100.0
Nursing	96.0	100.0	99.5
Nutrition and dietetics	100.0	100.0	100.0
Occupational therapy	100.0	100.0	100.0
Optometry	62.7	72.4	70.0
Pharmacy	47.9	39.1	43.4
Physical therapy	100.0	100.0	100.0
Sanitary engineering	4.5	6.6	10.0
Veterinary medicine	1.5	1.2	5.2

Source: *El Aporte de la Mujer en los Programas de Salud*, Ministerio de Salud, Colombia, 1979.

group. There are other differences, such as the tendency to recommend lower energy and higher protein intake in the United States, that can be only partly explained by different patterns of physical activity. The difference in the recommended protein intake for pregnant women in the Caribbean (54 g) and the United States (76 g) is large enough to have major implications.

Nutrition programs should also emphasize formulation of recommendations that include practical and feasible food ration models for specific target populations. These models should make it possible to obtain the required nutrients in ways best suited to conditions of a particular country, and should be designed to compensate for the limited nutrients in the home diet. The data in Table 67 show how women in rural Guatemala could satisfy their need for additional nutrients during pregnancy by using food products available in the community. If these foods were used, the additional financial investment required during pregnancy would be far less than the cost of foods traditionally cited in nutrition education schemes in industrialized countries.

Educating women about their own nutritional needs and those of their families is an essential task which leads to improvement in the overall health of the community because women are usually responsible for obtaining and preparing food for the family. In fact, health education of women is a key factor in primary health care generally.

## Women in Health Occupations

Although there appeared to be an increasing involvement of women in health care delivery, data to substantiate this were scarce. Table 68 shows the data submitted to the United Nations by five Latin American countries on the percentage of women in specific health occupations. Women predominate as nurses, paramedical personnel, and community workers, but the relatively large percentage of female medical students in all countries reporting data would appear to indicate that women are moving into other occupations.

Table 69, showing the percentage of women graduates in health sciences professions in Colombia, presents a steady increase in the number of women in some professions, and slight increases in others; however, nursing, nutrition and dietetics, occupational therapy, physical therapy, bacteriology, and increasingly microbiology still appear to be "women's occupations."

## THE ELDERLY

Demographic changes in developing countries of Latin America over the next 20 years are expected to involve intense growth, rapid urbanization, a tendency toward decreased fertility and mortality, and an increase in life expectancy at birth.

If assumptions about mortality trends prove to be correct, by the year 2000, persons in 36 Latin American countries will have a life expectancy of 65 years or longer, and in 19 of those, the average life expectancy at birth will be 70 or more. A life expectancy of under 60 years is expected in only one country.

With regard to estimates of population age groups in Latin America by the year 2000, more than 225 million persons (37 per cent of the population) will be under 14, and the majority, 354 million (58 per cent), will be between 15-64 years of age.

Aging in the Northern American population is noteworthy because those over 65 constituted 10 per cent of the total in 1970, 11 per cent in 1980, and will reach 12.1 per cent by the year 2000 (Table 70). On the other hand, the percentage of the population over 65 in Latin America estimated from 1970-2000 shows an increase of only 0.8 per cent. In absolute terms, however, this represents an increase of 17 million persons.

As for the impact on the health sector, this presents some important problems for countries emerging from an underdeveloped status. All the countries in the

Table 70. Percentage of the population 65 years of age and over in the Region, by country, 1950-2000.

Country/area	1950	1960	1970	1980	1990	2000
Argentina	4.2	5.5	7.2	8.6	9.6	10.5
Barbados	5.7	6.7	8.2	9.2	9.0	8.5
Bolivia	3.7	3.5	3.3	3.5	3.5	3.7
Brazil	2.4	2.6	3.1	3.5	3.9	4.5
Canada	7.7	7.5	7.9	9.0	10.2	11.0
Chile	4.0	4.3	4.8	5.5	5.9	6.7
Colombia	3.5	2.9	2.8	3.1	3.5	3.9
Costa Rica	3.4	3.0	3.2	3.7	4.3	5.0
Cuba	4.5	4.8	5.9	7.1	7.7	8.4
Dominican Republic	3.3	2.9	2.7	2.8	3.2	3.8
Ecuador	3.5	3.6	3.8	3.5	3.4	3.5
El Salvador	2.9	2.9	3.2	3.4	3.5	3.8
Guadeloupe	4.3	4.8	4.7	6.3	7.8	8.8
Guatemala	2.7	2.7	2.7	2.9	3.2	3.8
Guyana	3.8	3.2	3.5	3.9	4.3	4.8
Haiti	4.1	3.9	3.7	3.6	3.3	3.1
Honduras	1.9	2.1	2.4	2.7	3.1	3.3
Jamaica	3.9	4.3	5.6	6.0	6.1	6.2
Martinique	5.2	4.5	5.1	6.5	8.1	9.4
Mexico	3.3	3.4	3.5	3.5	3.3	3.4
Nicaragua	3.0	2.6	2.5	2.4	2.4	2.4
Panama	5.7	4.2	3.7	4.2	4.8	5.4
Paraguay	3.8	3.3	3.3	3.4	3.6	3.8
Peru	5.1	4.4	3.9	3.6	3.6	3.8
Puerto Rico	3.8	5.2	6.5	6.4	6.9	7.7
Suriname	6.0	4.1	3.8	4.1	3.6	3.6
Trinidad and Tobago	3.9	4.0	3.7	4.8	6.3	7.4
United States	8.1	9.2	9.8	11.2	12.2	12.2
Uruguay	6.9	7.6	8.6	10.3	11.3	12.1
Venezuela	3.4	2.6	2.9	3.3	3.8	4.6
Winward Islands (a)	4.8	6.5	5.5	5.4	5.5	5.4
Other Caribbean (b)	4.0	4.6	5.1	5.3	5.4	5.9
Northern America	8.1	9.1	9.7	11.0	12.0	12.1
Latin America	3.4	3.5	3.8	4.1	4.3	4.6
Caribbean	4.1	4.4	4.9	5.3	5.6	5.8
Continental Middle America	3.2	3.2	3.4	3.4	3.3	3.5
Tropical South America	3.0	2.9	3.1	3.4	3.8	4.3
Temperate South America	4.4	5.4	6.6	7.9	8.7	9.5

Source: Selected Demographic Indicators by Country, 1950-2000, United Nations, 1980.

(a) includes Dominica, Grenada, Saint Lucia and St. Vincent. (b) Includes Antigua, Bahamas, Cayman Islands, Montserrat, Netherlands Antilles, St. Kitts-Nevis and Anguilla, Turks and Caicos Islands, British Virgin Islands and United States Virgin Islands.

Region have reached the conclusion that primary health care must be the main strategy for achieving the goal of health for all by the year 2000, and have identified the vulnerable groups as those living in extreme poverty in rural and urban areas, and especially infants and children under 5 and mothers. On the other hand, countries whose age structure reveals a definite tendency toward "aging" have found it necessary to include adults and the elderly as a group also requiring priority attention.

Obviously, strategies for care of the elderly differ according to the special needs of this group. The number of persons with health problems (especially chronic, incapacitating ailments) increases with age, but this greater demand on services is usually met at more complex levels of health care.

Care for those 65 and older is comparable among countries in different stages of development compared to the situation in younger age groups. It can therefore be stated that even in developing countries



Table 71. Five leading causes of death in the 65 years and over population, by rank order and subregion, around 1979.

Cause	Northern America	Caribbean	Continental Middle America	Temperate South America	Tropical South America
Diseases of the heart	1	1	1	1	1
Malignant neoplasms	2	2	3	2	2
Cerebrovascular disease	3	3	4	3	3
Influenza and pneumonia	4	4	2	4	4
Accidents	5				5
Diabetes mellitus		5	5	5	

aging creates a threat of rising costs for health and social security services (Table 71).

The complex, interrelated social, mental, and physical aspects of aging require a study of new health care methods for the elderly with emphasis on primary health care. Although family support is still stressed, developing countries are experiencing a simultaneous increase in the woman's participation in

the work force, thus modifying the traditional structure of the large family.

The goal should therefore be to prevent diseases and promote health and quality of life during the time of the individual's existence, which means an active and continuing process directed toward reducing the risk factor.

## HEALTH RESOURCES

### INTRODUCTION

The availability to the general population of the Americas of health resources in the form of health establishments, trained personnel, and finances is a key factor in determining and evaluating plans of action for improving health conditions in the Region. The Ten-Year Health Plan, whose objective was to obtain some measure of change of these health resources in the 1970s, established a list of Regional goals which are presented here with estimated levels of achievement for each goal for which data were available. However, in that decade, data collection systems varied greatly from one country to another and in many instances the more detailed requirements produced less data. Particularly scarce was information on urban-rural distribution and the private sector, as well as on financial resources. The only financial data available are related to the proportion of the gross domestic product to the health sector and are discussed in Chapter I.

Comparability of data has also been a major problem, the main reason being the multiple names of titles for similar functions and the obsolete definitions for many types of health establishments, for example, due to the transfer of certain long-stay functions to general hospitals or community-based clinics.

Sources of information for health resources included PAHO annual questionnaires D, E, F, G, and H, as well as available annual reports of the ministries of health.

### HEALTH ESTABLISHMENTS

#### Hospitals

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##### *Goals of the Ten-Year Health Plan*

- Increase the installed capacity by 106,000 beds in general hospitals by reorganizing and converting long-stay beds when this is feasible.
  - Gradually incorporate specialized medical care services into general hospitals in accordance with levels of care within a regionalization scheme.
- 

Hospital services have traditionally played a major role in the development and provision of health services in the Region. With the emphasis on primary health care and the goal of health for all by the year 2000, timely data necessary for monitoring and evaluating the access to, utilization, and quality of care provided by these facilities are essential. For example, functions of some hospitals may be expanded to include a higher proportion of specific types of primary health care services; others may be required to expand their secondary or tertiary care functions as a result of anticipated increased referrals from primary care levels.

Data on the number of hospitals for each country by type of hospital, size, and ownership are reasonably complete, as shown in Annex Tables IV-1-14.<sup>1</sup> Traditional definitions or terms such as long- and short-stay hospitals are maintained in this narrative, although more current definitions and standard terms are extremely desirable.

From 1964 to 1978 there was a slight downward trend in the ratio of short-stay hospital beds per 10,000 population (Figure 56 and Table 72). The ratio dropped from 24 to 20 (17 per cent), despite a 16 per cent increase in the total number of short-stay hospital beds available. This ratio is well below the long-standing goal of 45 beds per 10,000 population set in 1961.<sup>2</sup> In general, the downward trend is the result of a population increase which has outpaced the number of beds added as well as the development of additional ambulatory care services. However, the goal to install 106,000 general hospital beds in the entire Region by 1980, established by the Ten-Year Health Plan, has been attained by Latin America (excluding beds from Northern America), according to estimates based on data available around 1978.

The decrease in the ratios of long-stay beds per 10,000 population in the past two decades has been dramatic

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<sup>1</sup>For more detailed analysis see *Hospitals in the Americas*, PAHO Scientific Publication 416, 1981.

<sup>2</sup>Health Goals in the Charter of Punta del Este. *Facts on Progress*. PAHO Miscellaneous Publication 81, 1966.

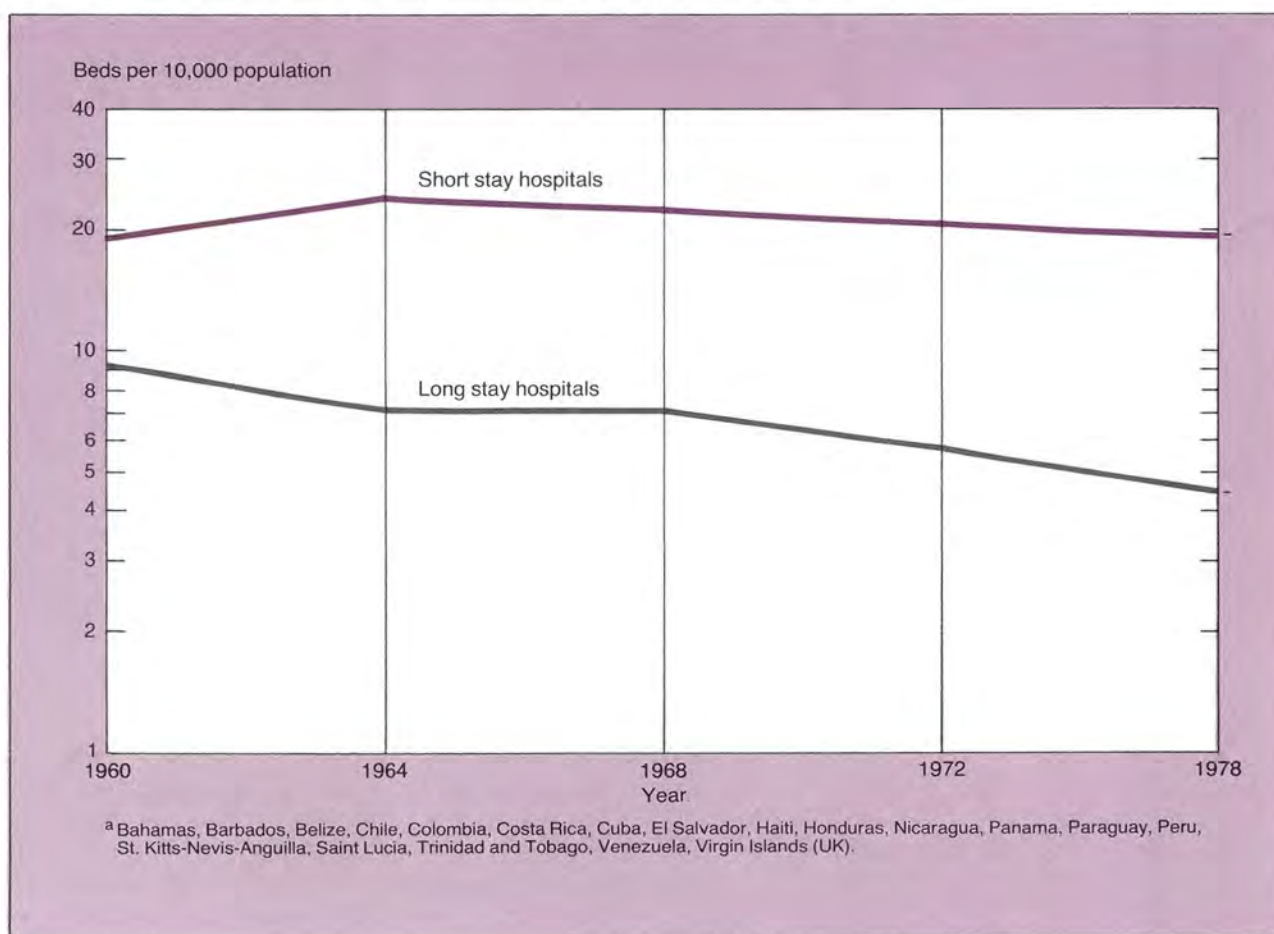
Figure 56. Short-stay and long-stay hospital beds per 10,000 population in Latin America,<sup>a</sup> 1960-1978.

Table 72. Short-stay and long-stay hospital beds per 10,000 population in Latin America, 1960-1978.

Hospital type	Number					Ratio				
	1960	1964	1968	1972	1978	1960	1964	1968	1972	1978
Short-stay (a)	27 901	57 100	57 456	60 124	62 953	19.7	24.2	22.7	20.8	19.8
Long-stay (b)	57 230	49 529	54 044	49 370	43 623	9.2	7.1	7.1	5.8	4.4

(a) Includes Bahamas, Barbados, Belize, Costa Rica, Cuba, El Salvador, St. Kitts-Nevis-Anguilla, Saint Lucia, Trinidad and Tobago, Virgin Island (UK). (b) Includes the above and Chile, Colombia, Paraguay, Peru, and Venezuela.

but predictable. From 1960 to 1978 the ratio dropped from 9 to 4 (52 per cent). Factors affecting this trend include: a decrease in the incidence of tuberculosis and leprosy and the concomitant transition of those beds to short-stay hospitals; the treatment of tuberculosis and

mental health conditions on an ambulatory care basis; and a population that grew at a more rapid pace than did the number of hospital beds needed to maintain the previous beds-per-population ratio.

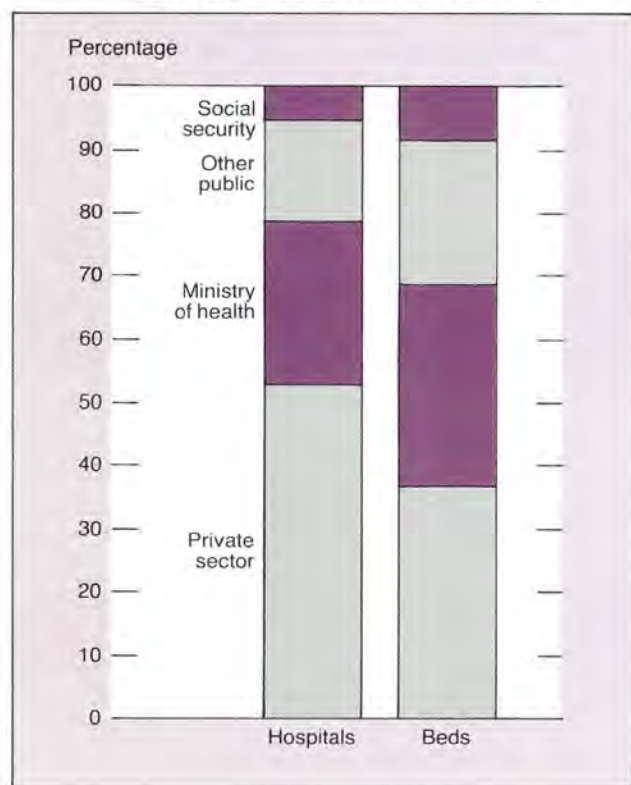
In Latin America around 1978, the majority of

hospital services were provided by the government, 47 per cent of the hospitals and 63 per cent of the beds being in that sector (Figure 57). In addition, if Argentina, Brazil, and Venezuela were to be excluded, government hospitals would have accounted for 83 per cent of the total. Within the government sector, half the hospitals were managed or owned by the ministries of health and the other half by social security administrations and other government agencies. In 31 of 39 countries, institutions managed by the health ministries accounted for more than one-half the total hospital beds available. Social security hospitals were operating in 16 countries but accounted for a substantial proportion of total beds only in Costa Rica (94 per cent), Mexico (48 per cent), Bolivia (33 per cent), and Panama (21 per cent). In addition, the social security systems in the United States and Brazil paid for a sizable portion of in-patient care, but operated no hospitals.

Also around 1978, other public hospitals were functioning in 18 countries, with the largest proportion located in Argentina (38 per cent),<sup>3</sup> Nicaragua (42 per cent), and Paraguay (38 per cent).

<sup>3</sup>The latest year data were available for Argentina was 1973.

Figure 57. Percentage of hospitals and hospital beds by ownership in Latin America, around 1978.



Private sector hospitals comprised 53 per cent of the total hospitals but had only 37 per cent of the total hospital beds around 1978. These private hospitals were operating in at least 30 countries and accounted for as few as 8 per cent of the total hospitals available in Costa Rica and Paraguay and as many as 84 per cent in Brazil.

The percentage distribution of general hospital beds by type of service in Latin America around 1968 and 1978 is illustrated in Figure 58. There appear to be relatively few changes in the distribution of beds by type of service except in pediatrics, where a noticeable increase was observed. As a result of the emphasis on the gradual transfer of specialized hospital services to general hospitals, the residual or "other" category in Figure 58 might be expected to increase. This did not occur, however. Two reasons for the lack of noticeable changes in the residual category are: (1) in some hospitals new or additional specialized services may not consist of separate wards or units, and instead patients receiving these services are placed in the general medicine section as required; and (2) some specialized services (such as tuberculosis and psychiatric services), previously handled on an in-patient basis, are now provided in an outpatient or ambulatory care setting.

The number of obstetrics and gynecology (OB/GYN) beds per 100,000 women from 15–44 years of age for eight countries of Latin America with data around 1968 and 1978 is shown in Figure 59. Cuba made a major effort and attained a high level of success in delivery of institutional health care to women of childbearing age. That country's fertility and maternal mortality rates were among the lowest in the Region. The 23 per cent increase in the ratio of OB/GYN beds per 100,000 women ages 15–44 from 1968 to 1978 is also a reflection of those efforts. However, in contrast to recommendations made in the Ten-Year Health Plan for the Americas to "gradually incorporate specialized medical care services into general hospitals . . .,"<sup>4</sup> Cuba continued dramatically in the opposite direction. Some three-fourths of the OB/GYN beds were located in specialized maternity hospitals and 96 per cent of the deliveries occurred in specialized hospitals around 1978.<sup>5</sup>

In Panama there was also a substantial expansion of OB/GYN health care services. The number of OB/GYN beds almost doubled and the ratio of these to women ages 15–44 increased 30 per cent from 1968 to 1978. These positive changes were accompanied in that decade by an increase in the percentage of deliveries receiving professional assistance (from 62 to 77).<sup>6</sup>

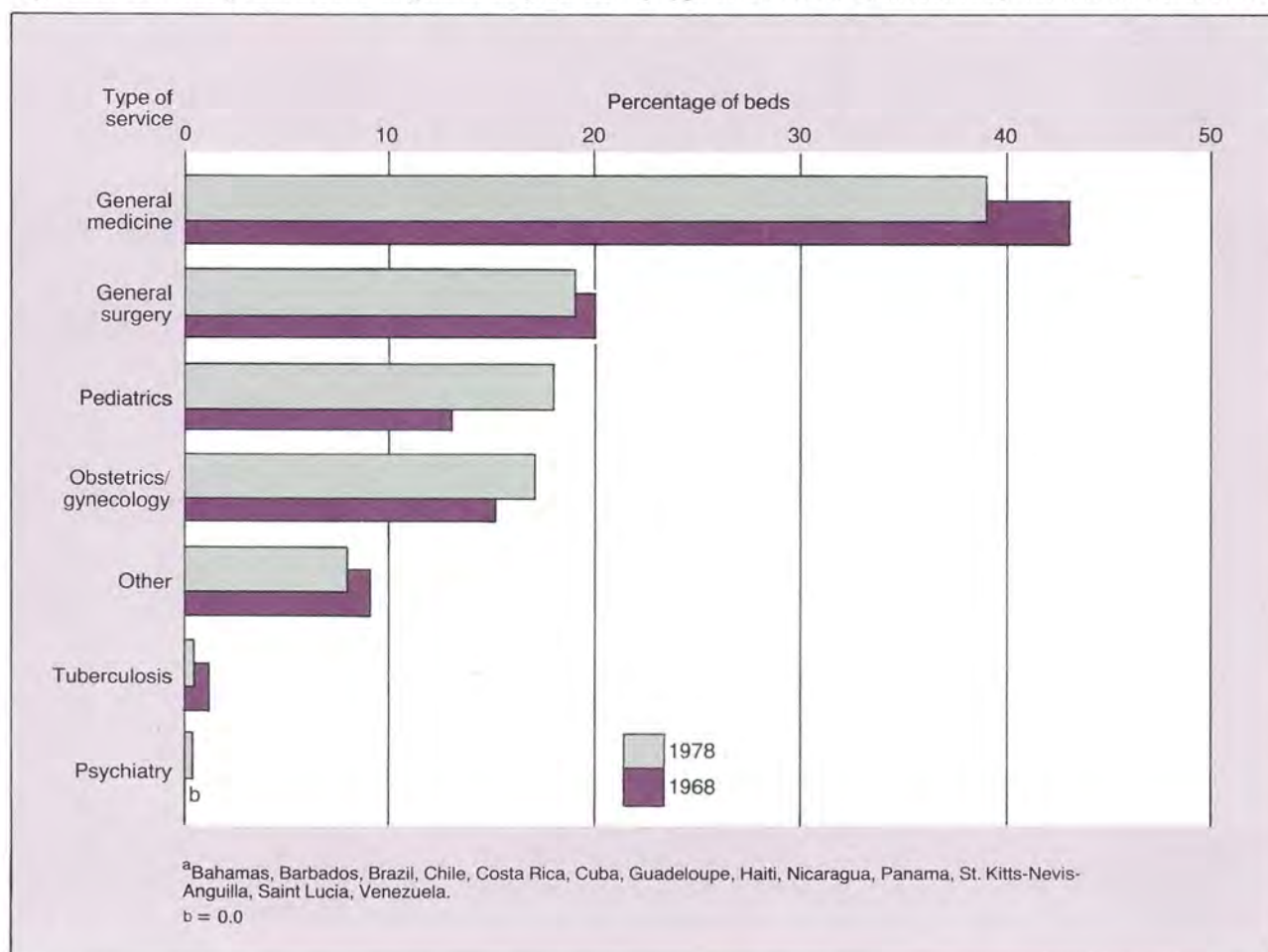
<sup>4</sup>Ten-Year Health Plan for the Americas. PAHO Official Document 118, 106, 1973.

<sup>5</sup>Annual Report, 1978. Ministry of Health, Republic of Cuba.

<sup>6</sup>Panama en cifras. 1970 and 1979.



Figure 58. Percentage distribution of general hospital beds by type of service in Latin America,<sup>a</sup> around 1968 and 1978.



In Barbados the number of OB/GYN beds remained relatively the same over the period 1968 to 1978, thus the ratio of OB/GYN beds per women ages 15–44 decreased, but only slightly. Remarkably, the fertility rate dropped to a level equal to that of Cuba and the maternal mortality rate dropped 75 per cent during the same period.

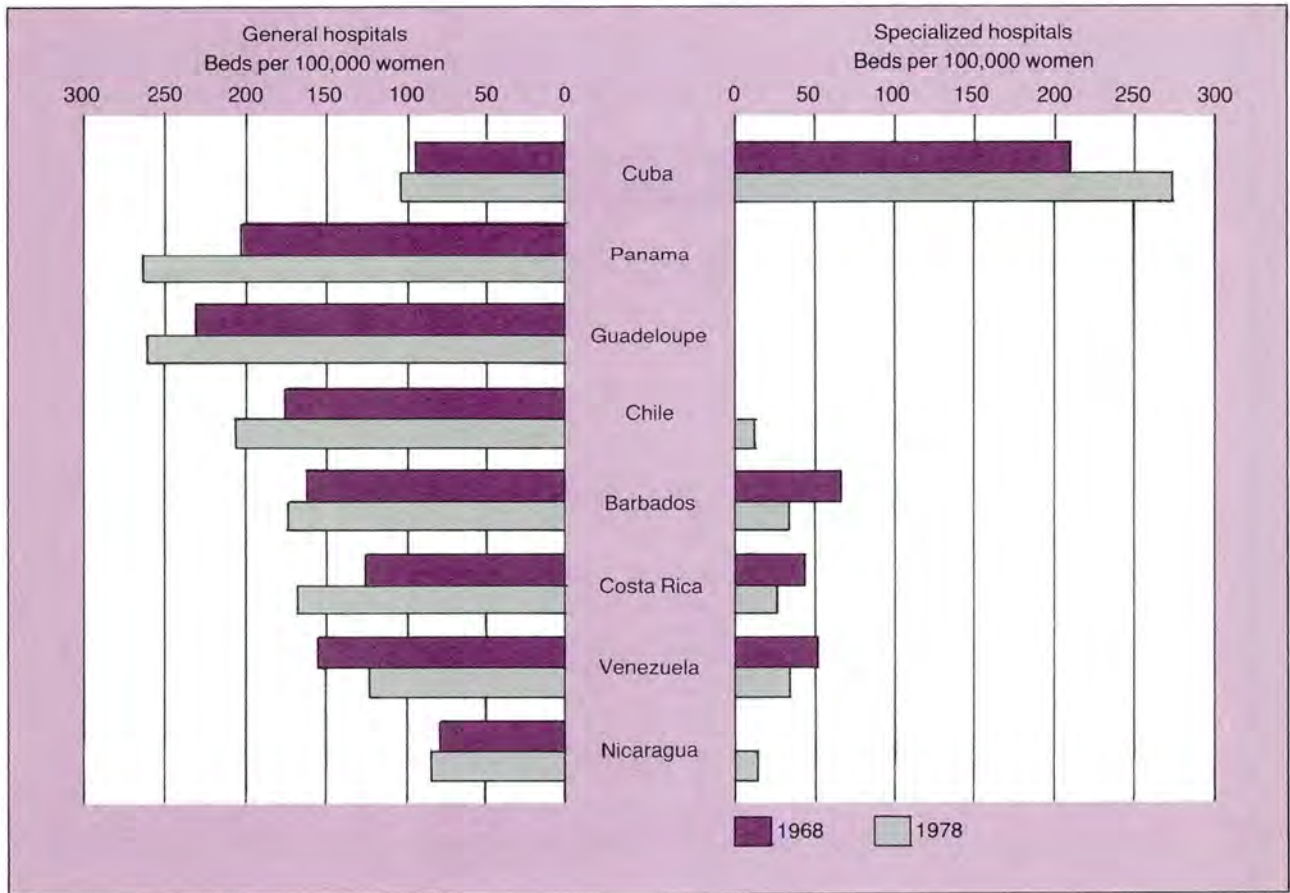
In Venezuela a 10 per cent increase in the number of OB/GYN beds from 1968 to 1977 was not sufficient to prevent the ratio from dropping 24 per cent during this period. Again however, the maternal mortality rate decreased from 10 to 8 between 1968 and 1977. It should be noted that the OB/GYN bed ratios per women of childbearing age for these countries are low estimates since beds of small hospitals and health centers, as well as clinics with beds, were not identified by type of service, and therefore have not been included in the analysis.

### Outpatient Establishments

Information on the number and types of outpatient establishments by country is critical for evaluating the Region's current and future capacity to provide a large proportion of primary health care both in urban and rural areas, but particularly in the latter. Unfortunately, information systems related to health centers, posts, and clinics separated from hospitals are currently the least developed, especially in Latin America around 1980. In addition, it is difficult to establish target populations for many of these health establishments. Too frequently, these primary health care units are not sufficiently planned prior to building. For example, the principal elements in determining construction include general client demand, availability of government property, and financing, but appear to exclude accessibility studies on transportation and adequate prepara-



Figure 59. Obstetrics and gynecology hospital beds per 100,000 women 15-44 years of age in Latin America, around 1968 and 1978.



tory community education vis-à-vis the quality of personnel and equipment, as well as the importance of the preventive health services that can be provided by these units. Health professionals often comment that underutilization of outpatient health establishments is due in part to the erroneous belief that a hospital provides all services more effectively and has better personnel than other health establishments.

Health centers, clinics, posts, and other similar health establishments with outpatient services are presented by country, around 1979, in Table 73. In Latin America, information was provided from 32 countries on more than 24,000 units serving a population of 307 million around 1979. This represents an average of 13,000 persons served per unit. In Continental Middle America the corresponding average was 16,000 and in South America 12,000 persons served per unit. In contrast, around 1972 data were received for over 28,000 units in 37 countries of Latin America serving an average of 13,000 persons per unit. A comparison of 32 countries with data for both years indicates an increase of approximately 3,000 units around 1979 and an

increase of 2,000 persons served on the average per unit. In South America the increase in the number of persons each unit must serve on the average is a reflection of the small (1.3 per cent) increase in the number of units added between 1972 and 1974, compared to a 19 per cent increase in the population over the same period. In contrast, the number of units in Middle America increased by almost 50 per cent and the average number of persons served per unit decreased from approximately 18,000 to 16,000 from 1972-1979.

The urban and rural distribution of these mainly primary health care units continued to be a problem around 1980. The distribution of health establishments with outpatient services in localities of over and under 20,000 population in Latin America around 1978 is shown in Table 74. Comparison with the same table from the 1973-1976 *Health Conditions in the Americas* gives the general impression that there were more of these health establishments and that the data were more complete around 1979 than around 1976. However, these variations may be due to differences in a country's definition of a hospital or other health establishment

Table 73. Health establishments with outpatient services, by country, around 1979.

Country	Year	Total	Health centers	Clinics and dispensaries	Other
Antigua	1978	31	4	17	10
Bahamas	1980	188	11	170	7
Barbados	1980	15	2	3	10
Belize	1979	35	24	-	11
Brazil	1980	8 646	4 370	4 276	-
Canada	1978	1 319	143	397	779
Cayman Islands	1979	10	5	-	5
Chile	1977	782	-	317	465
Colombia	1980	3 015	584	593	1 838
Costa Rica	1976	812	102	75	635
Cuba	1976	703	423	24	256
El Salvador	1980	300	29	106	165
Falkland Islands	1980	2	1	-	1
French Guiana	1979	27	1	23	3
Grenada	1980	78	39	33	6
Guatemala	1980	666	159	4	503
Guyana	1979	84	60	31	21
Haiti	1980	311	42	189	80
Honduras	1980	498	78	-	430
Mexico	1979	2 427	2 253	6	168
Montserrat	1980	34	11	22	1
Nicaragua	1980	493	101	-	392
Panama	1977	241	90	20	131
Paraguay	1979	289	85	7	197
Peru(a)	1979	604	448	140	16
Puerto Rico	1980	98	74	-	24
St. Kitts-Nevis and Anguilla	1980	22	17	2	3
St. Lucia	1976	58	26	26	6
St. Pierre and Miquelon	1976	1	1	-	-
Suriname	1979	168	8	70	95
Trinidad and Tobago	1976	149	106	-	43
Turks and Caicos Islands	1979	8	7	-	1
Venezuela	1977	3 244	705	2 503	36
Virgin Islands (UK)	1980	11	7	-	4

(a) Incomplete data.

Table 74. Distribution of health establishments with outpatient services, by population of the localities in which they operate, around 1979.

Country	Year	Total	Localities of 20,000 or over				Localities of 19,999 or less			
			Total		Hospitals	Others	Total		Hospitals	Other
		Number	Per cent	Number			Per cent			
Antigua	1978	32	10	31.3	1	9	22	68.7	-	22
Bahamas	1979	148	18	12.2	2	16	130	87.8	-	130
Barbados	1979	18	8	44.4	3	-	10	55.6	-	10
Belize	1979	40	10	25.0	1	9	30	75.0	4	26
Cayman Islands	1979	12	-	-	-	-	12	100.0	2	10
El Salvador	1979	330	125	37.9	25	100	205	62.1	7	198
Falkland Islands	1979	2	...	...	...	...	2	100.0	1	1
French Guiana	1978	27	6	22.2	-	6	21	77.8	21	-
Grenada	1978	40 <sup>(a)</sup>	6	15.0	6	-	13 <sup>(a)</sup>	85.0	6	7
Guatemala	1978	648	181	27.9	4	177	467	72.1	48	417
Haiti	1977	320	133	41.6	27	106	187	58.4	18	169
Honduras	1979	455	135 <sup>(c)</sup>	29.7	17	118	320 <sup>(c)</sup>	70.3	2	318
Jamaica	1979	482	42	8.7	28	14	358	74.3	358	-
Mexico	1979	2 885	443	15.4	233	210	2 442	84.6	314	2 128
Nicaragua	1979	247 <sup>(a)</sup>	71	28.7	21	50	170	70.5	21	149
Paraguay	1979	304	63	20.7	13	57	241	79.3	1	240
Peru	1979	939	543	57.8	237	306	396	42.2	98	298
Puerto Rico	1979	170	148	87.1	85	63	22	12.9	10	12
St. Kitts-Nevis and Anguilla	1979	25 <sup>(a)</sup>	-	-	-	-	24	100.0	17	7
Suriname	1979	242	133	55.0	66	67	109	45.0	3	106
Turks and Caicos Islands	1979	8	2	25.0	-	2	6	75.0	-	6
Virgin Islands (UK) <sup>(b)</sup>	1977	11	-	-	-	-	10	100.0	1	9
Middle America		5 871	1 332	22.7	-	-	4 428	75.4	-	-
South America		1 487	741	49.8	-	-	746	50.2	-	-

(a) Total includes unit unknown by size of locality. (b) Includes localities of 5 000 population and over. (c) Includes localities of less than 5 000 population.

which could artificially cause an increase or decrease in the numbers. The percentages of these facilities appear to be much greater in rural than in urban areas in Middle America around 1978. The few countries representing South America indicate a more equal distribution of these health establishments between urban and rural areas for the same period.

A complementary indicator of the urban/rural distribution of health centers, posts, clinics, and other establishments, is the percentage of hospitals with less than 50 beds. These small hospitals are concentrated in rural areas and are generally health centers with beds, traditionally considered hospitals for the convenience of international comparison.

In Figure 60 a percentage estimate of hospitals with less than 50 beds is ranked by the proportion of the rural population for selected Latin American countries around 1978. Only Trinidad and Tobago, Costa Rica, Jamaica, and Nicaragua had percentages of hospitals with less than 50 beds substantially lower than the percentages of their rural population. In Trinidad and Tobago, however, this was clearly the result of the traditional differentiation in the categorization of hospitals and other health establishments. This country had over 100 health centers in rural or peri-urban areas around 1979, some of which had beds. In contrast, in Colom-

Figure 60. Percentage of hospitals with under 50 beds and of the rural population in Latin America, by country, around 1980.

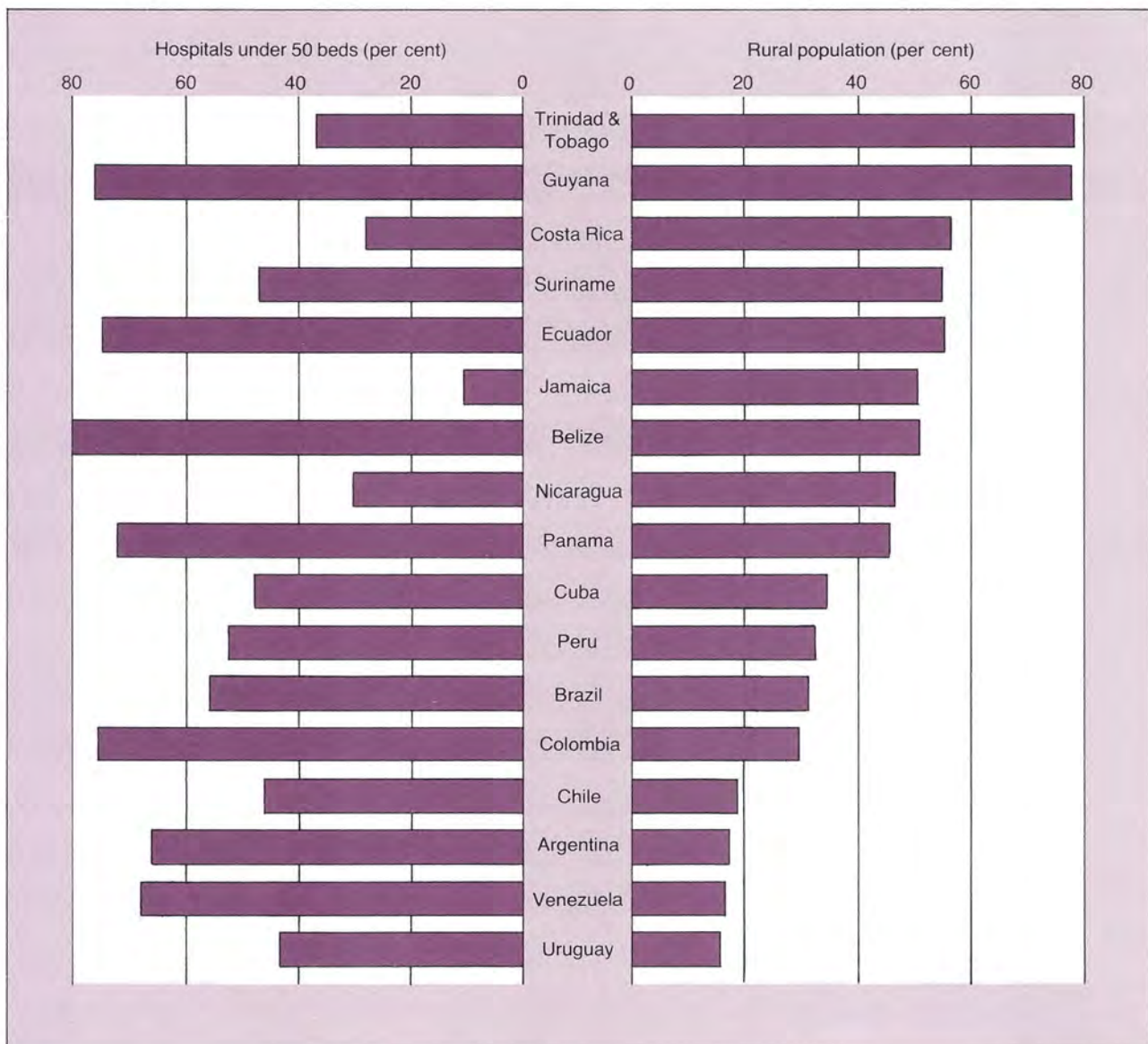




Table 75. Number of mental health clinics, rehabilitation centers, and dental clinics, by country, around 1972 and 1978.

Country	Mental health clinics		Rehabilitation centers		Dental clinics	
	1972	1978	1972	1978	1972	1978
Antigua	...	...	...	...	3	3
Barbados	2	4	1	1	20	11
Belize	1	1	...	...	1	9
Canada	230	565	76	34	360	364
Chile	2	4 (a)	24	...	1	50
Colombia	28	31 (a)	...	...	83	129
Cuba	134	13	26	1	67	...
Dominican Republic	5	6 (a)	2	...	1	1
Guatemala	2	2 (a)	4	1 (a)	20	39
Guyana	2	2	2	2	7	3
Haiti	2	7	...	-	57	47
Honduras	1	1	...	-	25	47
Jamaica	...	9	...	4	...	69
Mexico	20	30	24	24	6	124
Nicaragua	1	-	...	-	85	98
Panama	5	...	-	...	2	2
Puerto Rico	13	12	2	-	77	143
St. Kitts-Nevis and Anguilla (b)	3	1	-	...	4	2
Saint Lucia	-	2	-	-	5	4
Suriname	3	5	1	1	1	1
Trinidad and Tobago	9	6	1	...	76	29
United States	...	1 252	...	-	...	...
Venezuela	150	10	12	...	-	-
Virgin Islands (UK)	2	1	-	...	1	2

(a) Annual Report of the Ministry of Health, 1978. (b) Excludes Anguilla.

bia, Argentina, Venezuela, Chile, and Uruguay, the proportion of hospitals with less than 50 beds was over two and a half times greater than the corresponding rural population. Such a high proportion of these facilities in rural areas indicates a strong emphasis on provision of primary health care to rural areas and on achieving health for all by the year 2000.

The number of mental health, rehabilitation, and dental clinics is shown in Table 75 for countries of Latin America around 1972 and 1978. Unfortunately, very few countries provided data and, in many cases, the available data were incomplete. Therefore, even the most general conclusions should be interpreted with caution. In many countries of the Region there seemed to be very few health facilities available providing these services around the end of the 1970s. These important health areas will require closer monitoring, involving improved or innovative cost-efficient data systems.

## HUMAN RESOURCES

### *Goals of the Ten-Year Health Plan*

- Increase the physician/population ratio to 8.0 per 10,000...
- Graduate in Latin America around 125,000 nurses and 360,000 nursing auxiliaries...
- Achieve a regional average of... 4.5 nurses... per 10,000 inhabitants...
- Achieve a regional average of... 14.5 nursing auxiliaries per 10,000 inhabitants...
- Achieve a regional average of... 2 dentists... per 10,000 inhabitants...
- ... have a corps of at least 75,000 dentists...
- Expand the ratio of dental auxiliaries to dentists in the United States to 1:3...
- Achieve by 1980 a dentist/auxiliary ratio of 1:1.

Health care delivery depends on the availability of sufficient well-trained health personnel who should



be adequately distributed among the population; these include professional, technical, administrative, and auxiliary workers. With advances in technology, many new specialties have been created with a corresponding increase in specialized health personnel. However, emphasis on primary health care is encouraging a movement toward a larger proportion of general practitioners in the medical field as well as support for training programs for nurse practitioners and paramedical personnel capable of delivering primary health care. Although little data are available on a Regional basis, it is widely recognized that salaries comprise the largest part of current health expenditures. In addition, investments in training facilities and annual training costs are substantial. It is therefore essential to analyze the capabilities of existing manpower resources in relation to health care policies, types of delivery systems, and the health status of the population in order to adequately monitor progress made in achieving the Regional strategies for health for all by the year 2000.

Thousands of physicians, nurses, dentists, and auxiliaries are needed to staff hospitals and other health establishments and to provide health care in other settings. In addition it is essential to have available other paramedical personnel, professionals, technicians, and auxiliaries—including sanitary engineers, sanitarians, veterinarians, health educators, statisticians, medical records librarians, demographers, economists, administrators, laboratory and X-ray technicians, dieticians, nutritionists, etc.

The Ten-Year Health Plan suggested a goal of a certain number of physicians, nurses, and other health personnel to be attained by 1980. Those goals are mentioned in the text where sufficient data were available to adequately measure achievement. For subregional comparison with these goals, the number of physicians, nursing auxiliaries, nursing personnel, and dentists with ratios per 10,000 population around 1972 and 1979 is presented in Annex Table IV-15.

### Physicians

There were approximately 732,000 physicians in the Region of the Americas around 1978. Of this total, 418,000 (57 per cent) were in Northern America, 78,000 (11 per cent) in Middle America, and 236,000 (32 per cent) in South America. That distribution varied little from that registered around the beginning of the decade—61 per cent, 10 per cent, and 26 per cent, respectively.

The physician-to-population ratio was 12 per 10,000 population in the Region around 1979, as com-

pared to 11 around 1972 (Annex Table IV-16). The Ten-Year Health Plan suggested 8 physicians per 10,000 population by 1980. The ratios for the three major subregions within the Americas were 17 per 10,000 population in Northern America, 7 per 10,000 in Middle America, and 10 in South America near the end of the 1970s. Thus the ratios for these two subregions of Latin America were substantially lower than that of Northern America and only South America exceeded the Ten-Year Health Plan goal. As shown in Figure 61 and Table 76, continued improvement in the physician-to-population ratios in Northern, Middle, and South America has been observed over the 20 years between 1960 and 1979. In the seven-year period from 1972 to 1979, the ratio increased from 6 to 7 in Middle America and from 8 to 10 in South America. The corresponding absolute numbers of physicians rose by 40 and 67 per cent in Middle and South America, respectively, in the same period.

The subregional figures provided above show wide variations among individual countries. The number

Figure 61. Physicians per 10,000 population in three regions of the Americas, 1960-1979.

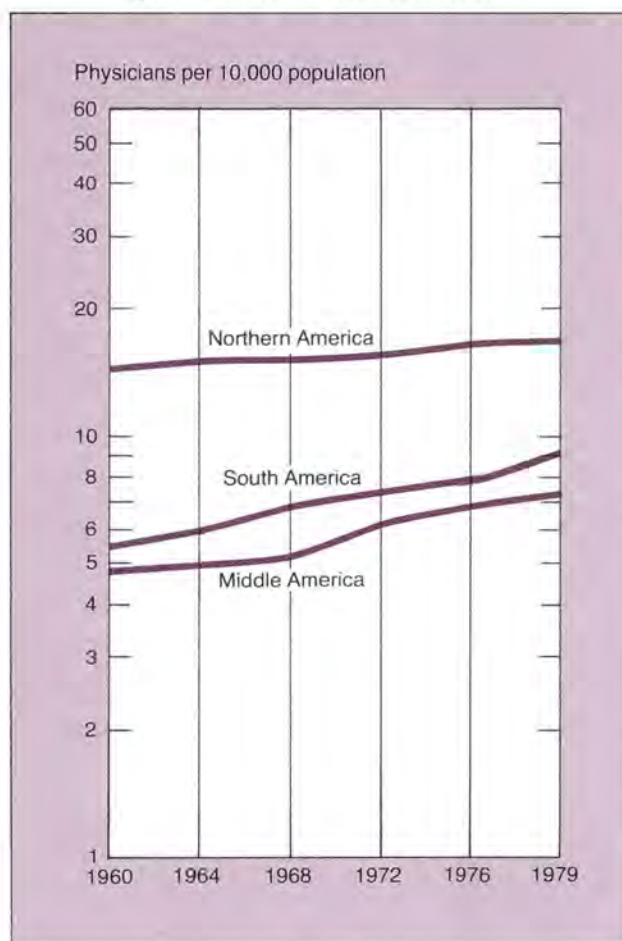


Table 76. Number of physicians and ratios per 10,000 population in the Americas, around 1960-1970.

Region	Number					
	1960	1964	1968	1972	1976	1979
Northern America	292 941	316 761	333 686	353 278	388 637	418 322
Middle America	32 833	38 456	45 264	55 987	70 706	77 784
South America	81 191	93 248	116 675	141 213	161 455	191 797
Region	Ratio					
	1960	1964	1968	1972	1976	1979
Northern America	14.8	15.1	15.2	15.5	16.4	16.8
Middle America	4.9	5.0	5.2	6.1	6.9	7.3
South America	5.6	6.0	6.9	7.4	8.0	8.9

of physicians per 10,000 population in the countries of the Region ranged from 1 in Guyana to 27 in Argentina around 1979 (Annex Table IV-15). Only three countries in Latin America—Argentina, Cuba, and Uruguay, as well as the Falkland Islands—had ratios above the Regional average around 1979. In addition, Venezuela and Puerto Rico closely approximated the Regional average around 1979.

As noted earlier, in the 1970s an uneven geographic distribution of physicians with a high percentage concentrated in capitals and large cities continued to cause problems in the provision of services to rural areas around 1980. The situation is aggravated by a scarcity of data to document this widely recognized phenomenon. One problem caused by the lack of data is the difficulty of effectively allocating funds for professional training.

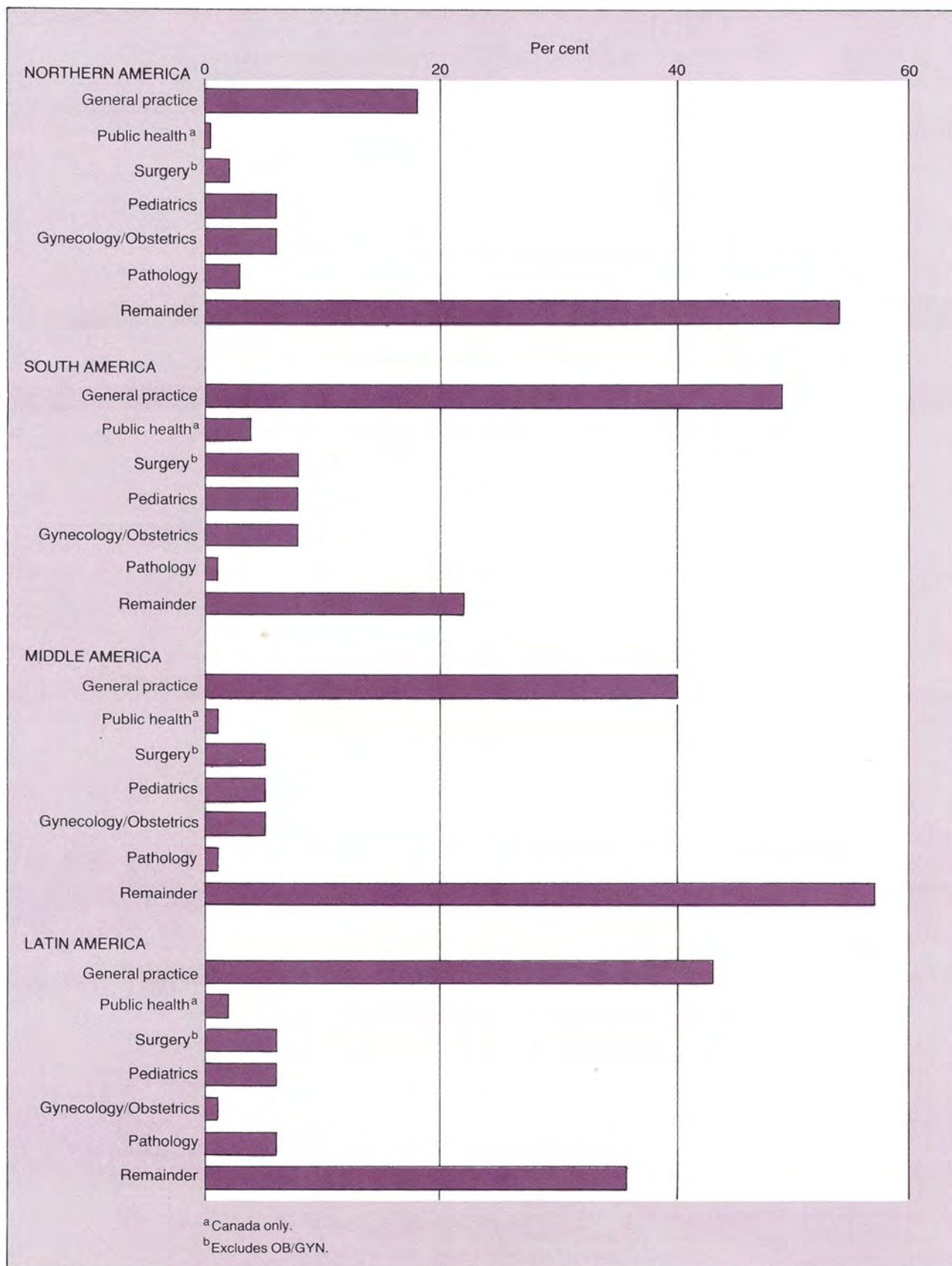
In addition, in order to plan rationally for appropriate health services, information is needed on the number of physicians by specialty. Data available are provided in Annex Table IV-17 and are illustrated for selected specialties of four subregions of the Americas around 1979 in Figure 62.

Regionwide around 1978 the percentage of general practitioners appeared low due mainly to the small proportion (15 per cent) of physicians in this medical specialty in Northern America. In Latin America over 40 per cent of those practicing were general practi-

tioners near the end of the 1970s. In addition, 27 of 42 countries with data in Latin America showed general practitioners to be above 50 per cent around 1978. The highest percentage of general practitioners in the Region (90 per cent) was recorded in Chile and the lowest (15 per cent) in the United States and Canada. The low subregional average of general practitioners in Middle America (40 per cent around 1979), was due in part to artificially low data from Mexico. Physicians in Mexico represented more than 50 per cent of those in Middle America around 1978, but of these, only 37 per cent were general practitioners. In 1972 Mexico reported over 70 per cent of its physicians as general practitioners. If data for Mexico were excluded, the percentage of general practitioners in Middle America would approximate the 50 per cent level around 1972.

The subregional percentage of general practitioners in South America around 1978 was also about 50 per cent, but some countries with large rural populations such as Costa Rica, Peru, and Paraguay still had percentages below 30 per cent in this specialty around 1978. In addition, Costa Rica and Paraguay indicated that 19 and 25 per cent, respectively, of their physicians were surgeons around 1978. Since rural areas cannot generally support specialized medical care facilities, it is likely that physicians are concentrated in the urban areas of these countries. With a concen-

Figure 62. Percentage of physicians in selected specialties in the Americas, by subregion, around 1980.





tration of physicians in urban areas, the question arises whether adequate health care can be provided in rural areas.

The importance of obstetricians and pediatricians in maternal and child health programs is clear. In Latin America the percentage of physicians in these specialties matched those of Northern America around 1978. In South America the percentages were slightly higher than in Middle America during this same period. In five countries, Ecuador, Chile, Costa Rica, Paraguay, and Peru the percentages of pediatricians were substantially higher than the average for the Region around 1978. These countries also had percentages of obstetricians well above the Regional average around 1978.

The small proportion of pathologists among physicians in Latin America and its subregions around 1978 will continue to be a serious barrier to the improvement of diagnostic care in Latin America in the coming decades. None of the 29 countries of Latin America with data available near the end of the decade had percentages above 1 per cent. However, it is interesting to note that of the total number of physicians around 1972, Peru and Colombia had percentages of pathologists approximating the 3.5 rate of the United States, which remained relatively constant over the decade. Therefore, it is important to emphasize the limitations of the data presented on medical specialists. In Northern America 54 per cent of the remainder category represented, for the most part, other known specialties. However, in Latin America in the remainder category, representing 36 per cent of all physicians, the specialty was generally unknown. Because of this large proportion of physicians for whom specialties were unknown around 1978, care should be taken in interpreting the distribution of physicians by specialty in Latin America since some of these might be seriously under-represented.

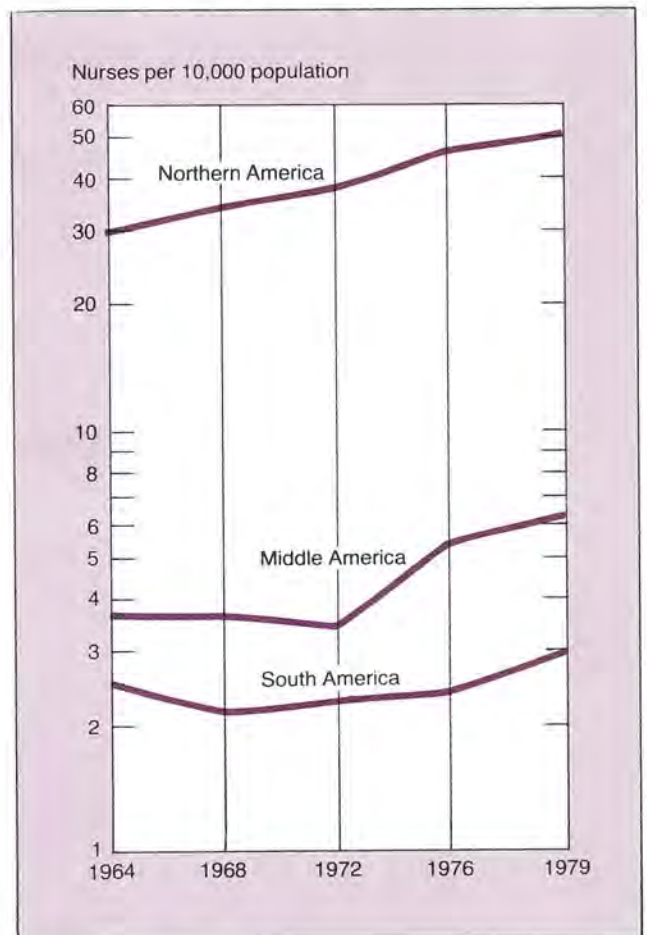
### Nurses

In the Region of the Americas during the seven-year period between 1972 and 1979, nursing personnel increased by nearly a half million (26 per cent) to 3.3 million. However, this substantial increase was tempered by a large concomitant increase in the population. Thus, in this period the ratio of nursing personnel per 10,000 population increased only slightly, from 51 to 55. Although the definition of nursing auxiliaries varies from country to country and makes analysis difficult, it appears that a very large increase (51 per cent) in the number of nurses was achieved

while only a slight increase (12 per cent) in the number of nursing auxiliaries was obtained between 1972 and 1979 (Annex Table IV-16).

These changes were strongly influenced by trends in Northern America where the number of nursing auxiliaries increased by only 6 per cent, but the number of nurses increased by more than 50 per cent between 1972 and 1979. As a result, the ratio of nursing auxiliaries to nurses dropped 29 per cent to 120 nursing auxiliaries per 100 nurses during the same seven years. This striking change in Northern America may be due to a considerable increase in associate degree programs in community colleges in the United States which, through a ladder curriculum, offer a high degree of mobility from practical to professional nursing. Despite these changes in Northern America, its ratio of 62 nursing auxiliaries per 10,000 population around 1979 was over four times greater than the Regional goal of 14.5 to be achieved by 1980. In addi-

Figure 63. Nurses per 10,000 population in three regions of the Americas, 1964-1979.



tion, the current ratio of 52 nurses per 10,000 population far exceeds the Regional goal of 4.5 also set for 1980. Figure 63 and Table 77 show a steady increase in the ratio of nurses per 10,000 population in Northern America, 4 per cent annually between 1964 and 1972, and 6 per cent annually between 1972 and 1979. In Middle America the ratio of nurses remained around 4 per 10,000 population from 1964 to 1972; after that the annual average increase in nurses was over 10 per cent through 1974 and the ratio of nurses per 10,000 reached 6.4 in 1979—well above the Regional goal of 4.5 for 1980. In South America the ratio of nurses per 10,000 population remained below the Regional goal over the 15-year period 1964 to 1979, hovering mostly around 2.5 and increasing slightly to 3.0 in 1979. Caution should be used in interpreting the trends observed in Figure 63 because of changes in definitions. From the mid 1970s, nurses tended to be grouped in some countries more by function than by educational status. This appears to have increased the number of nurses and held down increases in the number of nursing auxiliaries. The highest ratio of nurses was found in the Caribbean with 11.3 around 1979. Moreover, the English-speaking countries had a ratio of 19.6. The lowest ratio was found in Tropical South America (2.5 around 1979) probably due to incomplete data from Brazil (Annex Table IV-16).

In addition to a goal of 4.5 nurses per 10,000 population, the Ten-Year Health Plan suggested that at least 125,000 nurses be added to the cadre of health personnel in Latin America by 1980. During the seven-year period between 1972 and 1979, a total of 75,000 nurses were added, for an increase of 98 per cent. This boosted the ratio of nurses per 10,000 population from 2.7 in 1972 to 4.2 in 1979. This ratio, however, would have been much higher had not data from Brazil (comprising almost 50 per cent of the Latin American popu-

lation), been artificially low at the end of the decade. Brazil's 1.9 nurses per 10,000 population included only institutional and public sector data. Moreover, 30 of 43 Latin American countries had ratios greater than 4.5 around 1979.

The Ten-Year Health Plan also recommended that 360,000 nursing auxiliaries be added during the 1970s in order that the ratio of nursing auxiliaries per 10,000 population reach a level of 14.5 by 1980 in the Region. Neither Latin America nor any of its subregions achieved that goal by the end of the decade, although together they added 123,000 nursing auxiliaries during 1972–1979. This was a 50 per cent increase in the number of nursing auxiliaries, one-third the goal.

A more valid picture of changes in nursing personnel during the 1970s may be provided by the combined ratio of nurses and nursing auxiliaries per 10,000 population. This index is suggested since the classification of nurses and nursing auxiliaries is not sufficiently standardized in the Region to allow for analysis in two separate groups, and to ensure comparability either between countries or from year to year within some countries. The increases in nursing personnel in the last decade and a half are illustrated in Figure 64 and Table 78. In Northern America this combined ratio increased from 95 to about 113 nursing personnel per 10,000 population, while in Latin America it increased from 12 to 15 by the end of the decade. Thus, Latin America did not achieve the combined goal of 19 nursing personnel per 10,000 population. This was also true in the subregions of Latin America except for the Caribbean (21.6), and the close approximation in Temperate South America (18.6). The decrease in ratio of nursing personnel in Middle America around 1972 is not just a matter of underrecording, but again, also, a question of definition. For example, community and/or rural health workers are being trained to

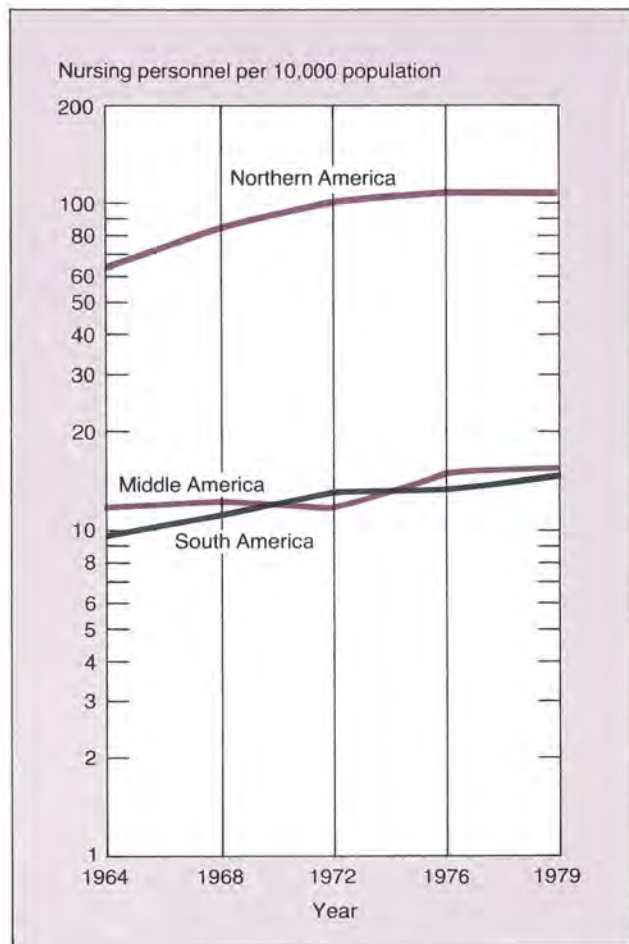
Table 77. Number of nurses with ratios per 10,000 population in the Americas, 1964–1979.

Region	Number					Ratio				
	1964	1968	1972	1976	1979	1964	1968	1972	1976	1979
Northern America	611 867	740 200	862 574	1 103 422	1 267 674	30.0	33.7	37.8	46.4	51.5
Middle America	28 698	31 799	31 736	56 435	79 607	3.7	3.7	3.5	5.4	6.4
South America	41 630	39 265	44 684	50 187	71 966	2.6	2.2	2.3	2.4	3.0



perform some of the functions formerly carried out only by nursing personnel. The ranks of nursing auxiliary personnel may have been reduced or expanded by the omission or inclusion of these types of personnel.

Figure 64. Nursing personnel per 10,000 population in three regions of the Americas, 1964-1979.



Experience has shown that optimal ratios of nursing personnel to physicians promote more efficient health care delivery. However, it is clear that these levels will vary from country to country due to specific health policies and types of health care delivery systems. Data derived from recommendations of the Ten-Year Health Plan suggest that the Region should increase the number of nurses to at least 56 per 100 physicians and 181 nursing auxiliaries per 100 physicians, for a total of at least 237 nursing personnel per 100 physicians around 1980.

The ratios of nursing personnel per 100 physicians shown in Figure 65 and Table 79 indicate that multiple factors work together to produce interesting results. For example: Temperate South America, for all practical purposes, met every goal in relation to physicians and nursing personnel per 10,000 population, but had a very low level of nursing personnel per physician. In contrast, Tropical South America had ratios of physicians and nursing personnel per 10,000 population well below those of Temperate South America and the corresponding goals of the Ten-Year Health Plan, but achieved the suggested number of nursing personnel per 100 physicians around 1979. The Caribbean presented a more balanced situation, meeting the Ten-Year Health Plan goals for the ratio of physicians and nurses per 10,000 population as well as the minimum suggested number of nursing personnel per 100 physicians for 1980. Continental Middle America also met this latter suggested level of nurses to physicians around 1979. Finally, it is suspected that these ratios are artificially low, since physicians have a better registration system and nursing personnel are much more likely to be underrecorded.

Figure 65 and Table 79 also show the ratio of nursing auxiliaries to nurses in subregions of Latin America around the beginning and end of the 1970s. Ratios varied from as low as 110 nursing auxiliaries per 100 nurses to as high as 580 nursing auxiliaries per 100

Table 78. Number of nursing personnel with ratios per 10,000 population in the Americas, 1964-1979.

Region	Number					Ratio				
	1964	1968	1972	1976	1979	1964	1968	1972	1976	1979
Northern America	1 313 384	1 873 033	2 296 636	2 700 872	2 782 377	64.4	85.2	100.4	113.6	113.1
Middle America	92 447	104 725	110 897	153 492	191 598	11.9	12.3	11.6	14.5	15.5
South America	155 618	190 795	248 238	266 726	349 354	9.8	11.2	12.8	12.9	14.7

Figure 65. Nursing personnel per 100 physicians in Latin America, by subregion, 1972 and 1979.

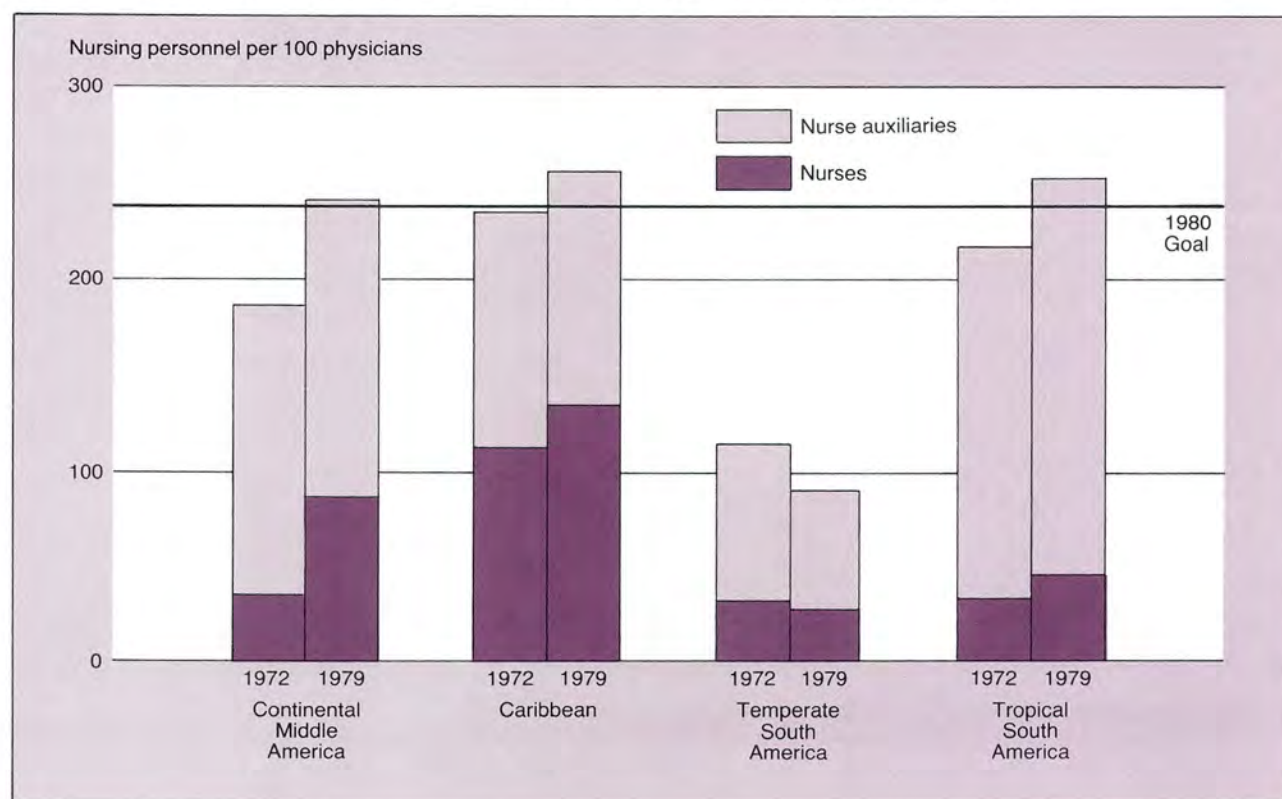


Table 79. Number of nursing personnel per 100 physicians in the Americas, around 1972 and 1979.

	Northern America	Latin America(a)	Middle America	South America	Caribbean Caribbean	Caribbean English speaking	Continental Middle America	Temperate South America	Tropical South America
	1 9 7 2								
Nurses	244	39	57	32	113	341	36	31	32
Nursing auxiliaries	406	134	109	144	124	85	149	84	186
Nursing personnel	650	173	166	176	237	425	185	115	218
	1 9 7 9								
Nurses	303	56	102	38	135	392	88	28	45
Nursing auxiliaries	362	144	144	144	123	172	154	62	207
Nursing personnel	665	200	246	182	258	564	242	90	251

(a) Number of physicians reflect 1974 data for Brazil.



nurses around 1972. By the end of the decade there were fewer nursing auxiliaries per 100 nurses than at the beginning in every major subregion of Latin America. These ratios ranged from 90 in the Caribbean to 460 in Tropical South America. This trend toward a lower level of nursing auxiliaries to nurses is based on several factors: (1) there are new job possibilities including new paramedical positions for persons who might otherwise have become nursing auxiliaries; (2) a nursing auxiliary has a relatively low socioeconomic status; and (3) there are problems of definitions in determining in some cases whether one is classified as a nurse or nursing auxiliary.

In 1981 a special survey assessing existing nursing practice provided data on the major functions of nurses and nursing auxiliaries in the Region of the Americas (Annex Tables IV-18-19). It should be noted that the categories in these tables were not all mutually exclusive. In addition, the residual category is a composite of nursing personnel in the private sector or unknown as to function.

In Latin America the data originated mainly from the ministries of health and little from the private or military sector. The percentage of nurses and nursing auxiliaries by major function is illustrated in Figure 66. Large percentages of nursing personnel are shown in hospitals and relatively few in the area of direct community care. However, it should be observed that approximately 60 per cent of all types of hospitals and approximately 80 per cent of health ministry hospitals had less than 50 beds around the end of the decade. These small hospitals or health centers with beds, as the case may be, tended to be in rural areas where they provided a substantial proportion of the preventive as well as the curative care. A second observation on Figure 66 is that only a small percentage of nurses was involved with training, emphasizing the magnitude of the task they confront. Finally, an important comparative point between nurses and nursing auxiliaries is illustrated under the providers of direct care category. A substantial proportion of the nurses are thought to be functioning in a supervisory rather than in a direct care role.

Little information has been added on the number of nursing personnel trained in Latin America. Information available indicates that there were approximately 376 professional nursing schools, including those graduating students with bachelor degrees in Continental Middle and South America in 1980. Moreover, there were 29 schools of nursing in the Caribbean in 1980. In Latin America an approximate average of 80,000 nursing students were in training each year toward the end of the decade. In addition, progress had been made in the kind of training for nursing practitioners which emphasizes their role in primary

Figure 66. Percentage of nursing personnel by major function in the Americas, by region, around 1980.

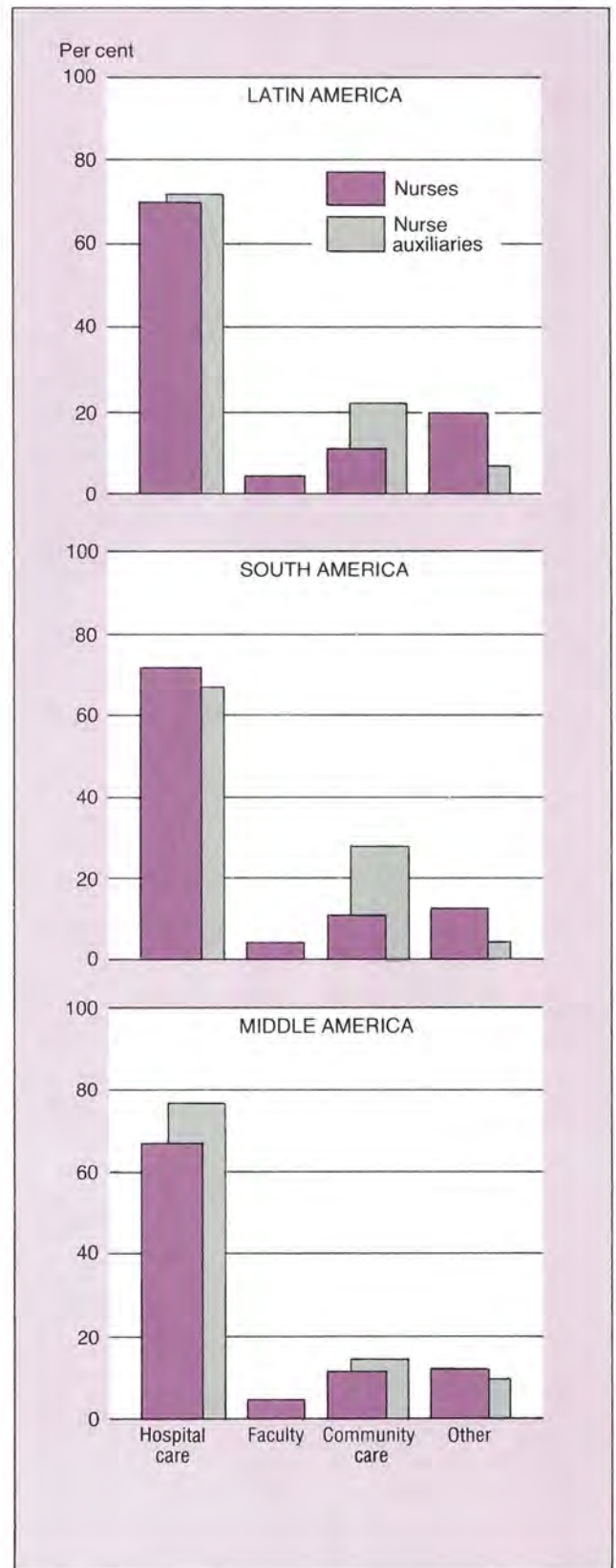


Table 80. Number of dentists with ratios per 10,000 population, and dental auxiliaries, by country, around 1979.

Country	Year	Dentists		Dental auxiliaries(a)
		Number	Ratio	
Antigua	1978	4	0.5	4
Argentina	1979(a)	7 415	2.8	1 068
Bahamas	1979	25	1.1	7
Barbados(b)	1981	24	1.0	26
Belize	1979	4	0.3	2
Bermuda	1973	24	4.4	...
Bolivia(c)	1979	118	0.2	...
Brazil(b)	1979	55 784	4.7	...
Canada	1977	9 849	4.2	...
Cayman Islands	1979	4	2.4	5
Chile	1979	1 477	1.4	...
Colombia(c)	1978	1 396	0.5	300
Costa Rica	1976	360	1.8	36
Cuba	1979	3 356	3.5	1 094
Dominica	1979	2	0.2	4
Dominican Republic(c)	1978	90	0.2	22
Ecuador	1973	579	0.9	762
El Salvador	1978	393	0.9	83
Falkland Islands	1979	1	5.0	1
French Guiana	1979	14	2.3	...
Grenada	1978	4	0.4	2
Guadeloupe	1979	71	2.2	...
Guatemala(c)	1976	62	1.0	7
Guyana	1979	12	0.1	32
Haiti	1979	73	0.2	...
Honduras	1979	183	0.1	...
Jamaica	1979	87	0.4	234
Martinique	1979	101	3.2	...
Mexico(b)	1981	24 000	3.2	...
Montserrat	1979	1	0.9	3
Nicaragua(c)	1979	56	0.2	...
Panama	1978	250	1.4	...
Paraguay	1979	855	2.9	...
Peru	1979	3 477	2.0	...
Puerto Rico	1979	742	2.1	...
St. Kitts-Nevis	1979	4	0.1	4
Saint Lucia	1978	5	0.4	...
St. Vincent	1974	2	0.2	-
Suriname	1979	20	0.5	43
Trinidad and Tobago(b)	1981	75	0.7	125
Turks and Caicos Islands	1979	1	1.7	-
United States	1978	120 000	5.4	232 000
Uruguay	1979	2 300	8.0	110
Venezuela	1977	4 342	3.4	...
Virgin Islands (UK)	1978	2	1.7	...

(a) Includes technicians, auxiliaries and hygienists. (b) Unofficial estimate. (c) Incomplete data.



health care. There are two nursing practitioner programs in the Caribbean. A total of 152 nurses have successfully completed the curriculum and are currently practicing in eight countries of the Caribbean and Belize around 1980.

### Dentists

There were over 237,000 dentists in the Region around 1979. This represents an increase of over 35 per cent in the number of dentists from 1972–1979. However, in Latin America the number of dentists would appear to have been substantially underreported, because in certain instances, the private, military, and, in some cases, the entire noninstitutional sectors have been excluded (Table 80 and Annex Table IV-16). For example, the data for Argentina in 1979 indicated 40 per cent fewer dentists than in 1972,<sup>7</sup> but apparently represent only institutional data. Similarly, Chile showed 60 per cent fewer dentists over the same period. It is likely that current data available for Chile represent only the public sector or health ministry posts for dentists. Other countries reporting substantially fewer dentists from around 1972 to around 1979 include: Bolivia, Colombia, Dominican Republic, Guatemala, and Nicaragua. In spite of this underreporting, the ratio of dentists per 10,000 population in Latin America increased from approximately 2 to almost 3 dentists from around 1972 to around 1979.

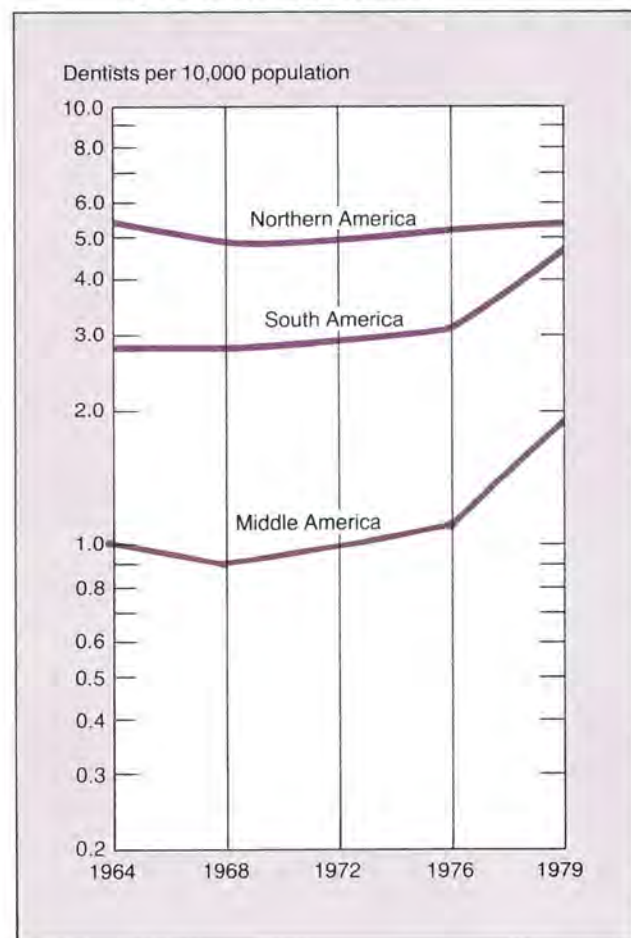
Latin America met the Ten-Year Health Plan goal to establish a corps of at least 75,000 dentists by 1980; the number of dentists in Latin America exceeded 100,000 by 1979. The increase was mainly due to the large number reported in Brazil, representing over 45 per cent of the dentists of Latin America around 1979, and Mexico, which added about 20,000 dentists over the decade and represented 22 per cent of the total dentists in Latin America around 1979. From 1969 to 1979, Brazil more than doubled its number of dentists, achieving a ratio of 4.7 dentists per 10,000 population—the highest in Latin America. A four-fold increase in the number of dentists in Mexico in the 1970s stems from the expansion of its dental training programs. The number of dental schools more than doubled since the mid 1960s. The ratio of dentists per 10,000 population in Mexico was 3.2. Other Latin American countries with high ratios of dentists per 10,000 population around 1979 included Uruguay (8.0), Cuba (3.5), Venezuela (3.4), as well as the Falk-

land Islands (5.0) and Martinique (3.2). In addition, 10 of 42 Latin American countries with data available had ratios above the 2.0 level recommended as a 1980 target by the Ten-Year Health Plan.

Figure 67 and Table 81 show substantial progress in South America over the last decade and a half, yet most of the increase was due to data reported by Brazil. In Middle America the majority of countries reported little progress during the 1970s, but the increase in Mexico from 1.0 dentists per 10,000 in 1970 to 3.2 around 1979 boosted the Middle America ratio to 1.9. Excluding Mexico, the ratio in that subregion was about 0.7 around the end of the decade.

In summary, most countries in Latin America continued to experience inadequate numbers of dentists to meet the populations' dental health needs, although a few countries showed substantial increases from 1972 to 1979. In addition to the small number of dentists in Latin America, it is widely recognized that the majority of dentists work in urban areas, leaving the rural areas without dental services.

Figure 67. Dentists per 10,000 population in three regions of the Americas, 1964–1979.



<sup>7</sup>1972 data for Argentina were taken from the 1969–1972 *Health Conditions in the Americas*, Annex Table VII-1. PAHO Scientific Publication 287, 1974.



Table 81. Number of dentists with ratios per 10,000 population in the Americas, 1964-1979.

Region	Number					Ratio per 10,000 population				
	1964	1968	1972	1976	1979	1964	1968	1972	1976	1979
Northern America	113 011	106 850	111 392	121 538	129 873	5.4	4.9	4.9	5.1	5.3
Middle America	7 397	7 608	9 588	10 517	29 976	1.0	0.9	1.0	1.1	1.9
South America	44 201	47 211	54 876	59 189	77 795	2.8	2.8	2.9	3.1	4.7

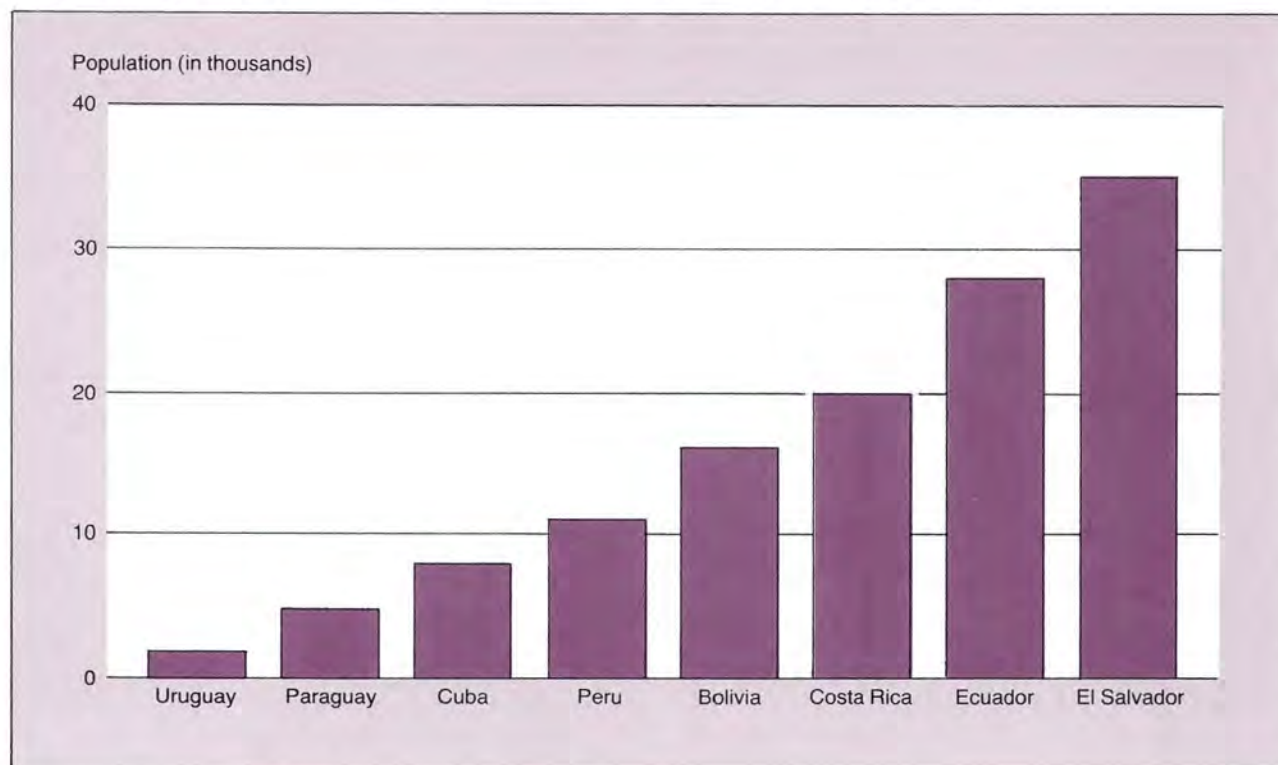
In view of the shortage of dentists, attempts have been made to expand the number of dental auxiliaries. The Ten-Year Health Plan suggested that the United States expand its ratio from 1:1.5 dentists to dental auxiliaries around 1970 to 1:3 by 1980 in order to provide its population with adequate dental coverage. In 1979 the ratio was 1:1.9 in the United States. In Latin America the ratio was the opposite (approximately 3:1) around 1979. The Ten-Year Health Plan suggested that the ratio of dentists to dental auxiliaries be 1:1 by 1980. The little data available suggest that

several countries of the Caribbean, as well as Ecuador, Suriname, and Guyana met that goal around 1980. In addition, there were substantial numbers of dental auxiliaries reported in Argentina and Colombia around 1979.

### Veterinarians

Worthy of special mention in the area of primary health care is the veterinarian—vanguard of preven-

Figure 68. Population per veterinarian in selected countries of Latin America, around 1979.



tive health care for farm families and for domestic animals at special risk. Almost one-third of all known bacterial/viral zoonoses affect the health of human food producers and important human foodstuffs, as well as draught and transport animals upon which a large proportion of the Latin American population depends.<sup>8</sup>

Figure 68 shows the population potentially served per veterinarian in selected Latin American countries around 1979: the numbers ranged from a low of 2,000 in Uruguay to a high of 35,000 in El Salvador. As might be expected, Uruguay and Paraguay, which have substantial beef production industries, had the most veterinarians and thus the lowest ratio of persons served per veterinarian around 1979. In El Salvador and Ecuador in the 1970s the ratio was 28,000 and 35,000 persons per veterinarian, respectively.

### Other Personnel

The complexity of health care delivery in the 1980s will require increasing numbers of specialists in various fields. For example, laboratory technicians will be needed to provide prompt and definitive

diagnosis of causes of illness, as they perform clinical, bacteriological, and other analyses under the supervision of pathologists, laboratory specialists, or other technicians. Many pharmacists trained in testing, compounding, and dispensing drugs and other medications are needed. Physical therapists for rehabilitation services, sanitarians for food handling inspections, environmental engineers for potable water projects and factory safety inspections, as well as administrators, nutritionists, statisticians, medical records personnel, and health educators are also required.

Little information on these categories of health personnel is currently available. For many groups, the only available information refers to personnel in health establishments or government services and sometimes the data represent established posts and not persons. Differences in definitions or lack of standard classifications make comparisons between countries difficult.

Data available from these categories provided by the ministries of health in replies to PAHO/WHO questionnaires are presented in Annex Tables IV-20 and IV-21. Innovative cost-effective methods will be required to provide human resource data essential for rational planning of health services in the countries of the Region, if health for all is to be achieved by the year 2000.

<sup>8</sup>WHO *Chronicle* 35:6, 227-232, 1981.

## UTILIZATION OF HEALTH SERVICES

### INTRODUCTION

The main goal of the Ten-Year Health Plan, and probably its most encompassing one, was to extend health services to the unserved or underserved population of the countries of the Region.

The III Special Meeting of Ministers of Health of the Americas in 1972 recommended to the countries that they extend coverage of minimum comprehensive health service units to all persons residing in accessible communities with less than 2,000 inhabitants and to provide basic and specialized services to the remaining population through a regionalized health scheme.

### HEALTH SERVICES COVERAGE

In view of the information furnished by the countries at the beginning of the decade it was not possible to make an exact determination of coverage levels. Estimates were based on the assumption that 100 per cent of the population residing in localities of 20,000 persons or more had some type of service. It was further estimated that 90 per cent of the population living in localities from 2,000 to 19,999 inhabitants had these health services, and that 20 per cent of those living in localities of under 2,000 had only some very elementary health service available. On the basis of these estimates it could be assumed that 37 per cent of the Latin American population—over 100 million people—had no type of health service at the beginning of the 1970s.

Data received from the countries for 1968 and 1978 on hospital beds in Latin America indicate that dur-

ing the decade the total number of hospital beds increased from 842,910 to 942,868, or 12 per cent. Nevertheless, the ratio of beds decreased during this period from 3.3 to 3.0 per 1,000 population.

An analysis of the available information for 10 Latin American countries reveals that the ratio of beds per 1,000 population for the capital city or cities with more than 100,000 inhabitants increased in Costa Rica, Honduras, Peru, and Venezuela, and decreased in the other six countries (Table 82). The same may be observed for localities under 100,000 population. Except for Haiti and Panama, the ratio of beds per population decreased in the other eight countries during that decade.

Data available for 32 Latin American countries indicate that there was an increase in the number of outpatient establishments (health centers, posts, and clinics), over the 1970 to 1980 period. In 1968 approximately 20,000 establishments of this type were reported and for 1979 the number increased to approximately 24,000.

It is very difficult to establish, on the basis of the above information, whether there was a significant increase in health services coverage. From the hospital data, it may be assumed that the number of beds in these establishments did not increase at the same rate as the population, thus leaving a deficit in the majority of countries. However, the number of primary health care units did increase, and most of these were in cities under 20,000 population.

More specific information for political subdivisions and population segments should be obtained in the future in order to better evaluate the coverage level of the Plan of Action for achieving health for all by the year 2000. The Plan will permit proper evaluation of achievements made by the countries in attaining the goal.

Table 82. Number of hospital beds and ratios per 1,000 population in urban and rural areas of Latin America, selected countries, 1968 and 1976.

Country	1 9 6 8				1 9 7 6			
	Urban(a)		Rural(b)		Urban(a)		Rural(b)	
	Number	Ratio	Number	Ratio	Number	Ratio	Number	Ratio
Barbados	1 995	19.6	630	4.2	1 636	16.7	505	3.4
Chile	16 896	5.1	21 334	3.4	12 796	3.4	20 976	3.2
Colombia	12 808	3.0	33 291	2.2	25 218	3.0	19 024	1.4
Costa Rica	4 038	6.9	2 403	1.6	4 665	21.2	2 706	1.6
El Salvador	3 658	10.7	3 308	1.1	2 769	7.1	3 166	0.8
Haiti	1 325	4.7	2 004	0.5	2 170	4.4	2 339	0.6
Honduras	2 049	5.4	2 177	1.1	3 157	7.6	1 594	0.7
Panama	2 405	6.4	2 165	2.2	3 146	7.6	3 235	2.5
Trinidad and Tobago	1 633	18.7	3 576	3.8	1 049	14.6	3 766	3.7
Venezuela	8 978	4.6	22 229	2.9	10 990	5.7	25 173	2.4

(a) Capitals and cities with 100,000 population or over. (b) Localities with less than 100,000 population.

## HEALTH SERVICES UTILIZATION

### *Goals of the Ten-Year Health Plan*

- ... attain a minimum of one hospital discharge per 10 inhabitants per year ...<sup>1</sup>
- [attain a minimum of] two medical consultations per inhabitant per year.

### Hospital Utilization

Efficient patient care and health facility management, including provision of adequate financial and human resources, depends on the capability of moni-

<sup>1</sup>For the purposes of analysis this goal is expressed as 10 per 100 population throughout the text.

toring hospital in-patient and ambulatory or outpatient care utilization. This includes not only evaluation of health service activity counts but more importantly health services coverage of specific target populations. In addition, as record and statistical systems improve, health personnel will be in a better position to evaluate not only health activities and population coverage, but also the quality of patient care. The measurement of quality of care has been accomplished through peer review in individual hospitals of the Region, but such data are too scarce or incomplete for international comparison at the present time.

Indicator statistics have been devised and tested over the years by many health professionals. The effectiveness of these indicators depends on the data collecting systems on which they are based and on the tabulating and analytic skills of their users. The Region's ability to respond to signals interpreted from them is an additional measure of their effectiveness. The Ten-Year Health Plan established 10 discharges



per 100 population per year as a Regional goal for 1980. This indicator is a sound measurement of hospital utilization. Annex Table V-1 indicates that 14 of 37 countries of the Region (38 per cent) had ratios of 10 or greater from short-stay hospitals around 1978. However, Belize and Costa Rica were the only countries among the 14 from Continental Middle America.

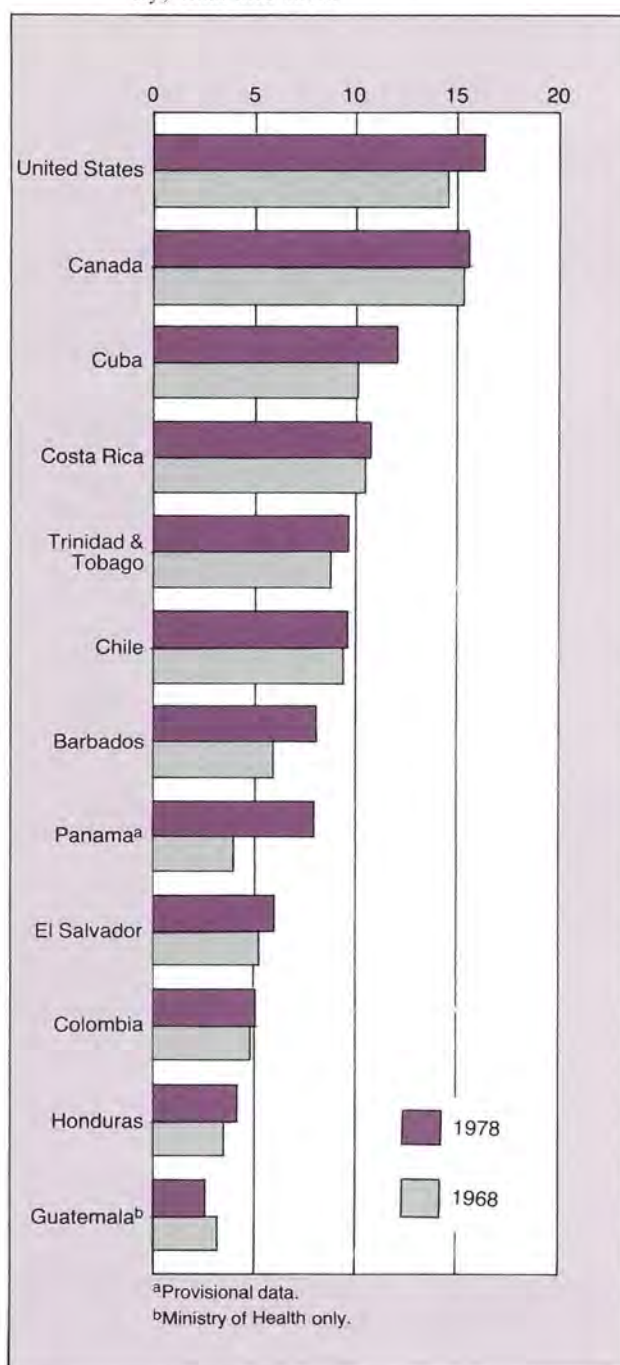
Comparison of discharge ratios for 12 countries between 1968 and 1978 illustrates a trend toward improvement (Figure 69). In the Region the ratios ranged from 17 in the United States to 3 in Guatemala; nine of the Latin American countries experienced increases. In Latin America the greatest absolute increase (2.1 per 100 population) occurred in Barbados, while the greatest relative increase (50 per cent) was found in Panama. In comparison, discharges per 100,000 population in Northern America increased about 15 per cent.

Additional measures of hospital utilization are illustrated in Annex Table V-2. Two of the traditional measurements—occupancy rate and average length of stay—are presented in Figure 70. Authorities on hospital management and hospital data in Latin America suggest an occupancy rate for general hospitals of approximately 70 per cent (which is slightly above the rate found in Canada around 1978) as a reasonable goal for Latin America exclusive of the Caribbean by the year 2000. Currently, only Costa Rica, El Salvador, Nicaragua, Panama, and Venezuela exhibit rates above 70 per cent. However, in the Caribbean, 80 per cent may be a better goal, as nearly half the countries reporting around 1978 had rates above 70 per cent. There appeared to be very little increase in the occupancy rate in Latin America from 1968 to 1978. In fact, half the countries showed smaller occupancy rates around the latter period.

Figure 70 indicates a substantial variation in the average length of stay in short-stay hospitals from as low as 4.6 days in Mexico to as high as 17.8 days in Guadeloupe around 1978. However, the average length of stay of 7.9 days for Latin America was very close to the suggested Regional average and that found in Northern America (8.2) around 1978 (Table 83 and Annex Table V-2).

Further investigation of occupancy rates and average length of stay by type of facility ownership indicates that health ministry hospitals in Latin America and federally run hospitals in Northern America had an acceptable average length of stay, but low occupancy rates around 1978 (Annex Table V-2 through V-6). In the "Other Public Sector" category both regions had fairly acceptable occupancy rates, but their average length of stay was considered somewhat too high, particularly in Latin America around this same

Figure 69. Number of discharges from short-stay hospitals per 100 population in the Americas, by country, 1968 and 1978.



period. Data for the private sector underscored the different types of health delivery systems and utilization patterns of Latin and Northern America. This high average length of stay found in Northern America was heavily influenced by availability of funds for a large proportion of health insured inpatients. The low occupancy rate found in Latin

Figure 70. Utilization of short-stay hospitals in the Americas, around 1968 and 1978.

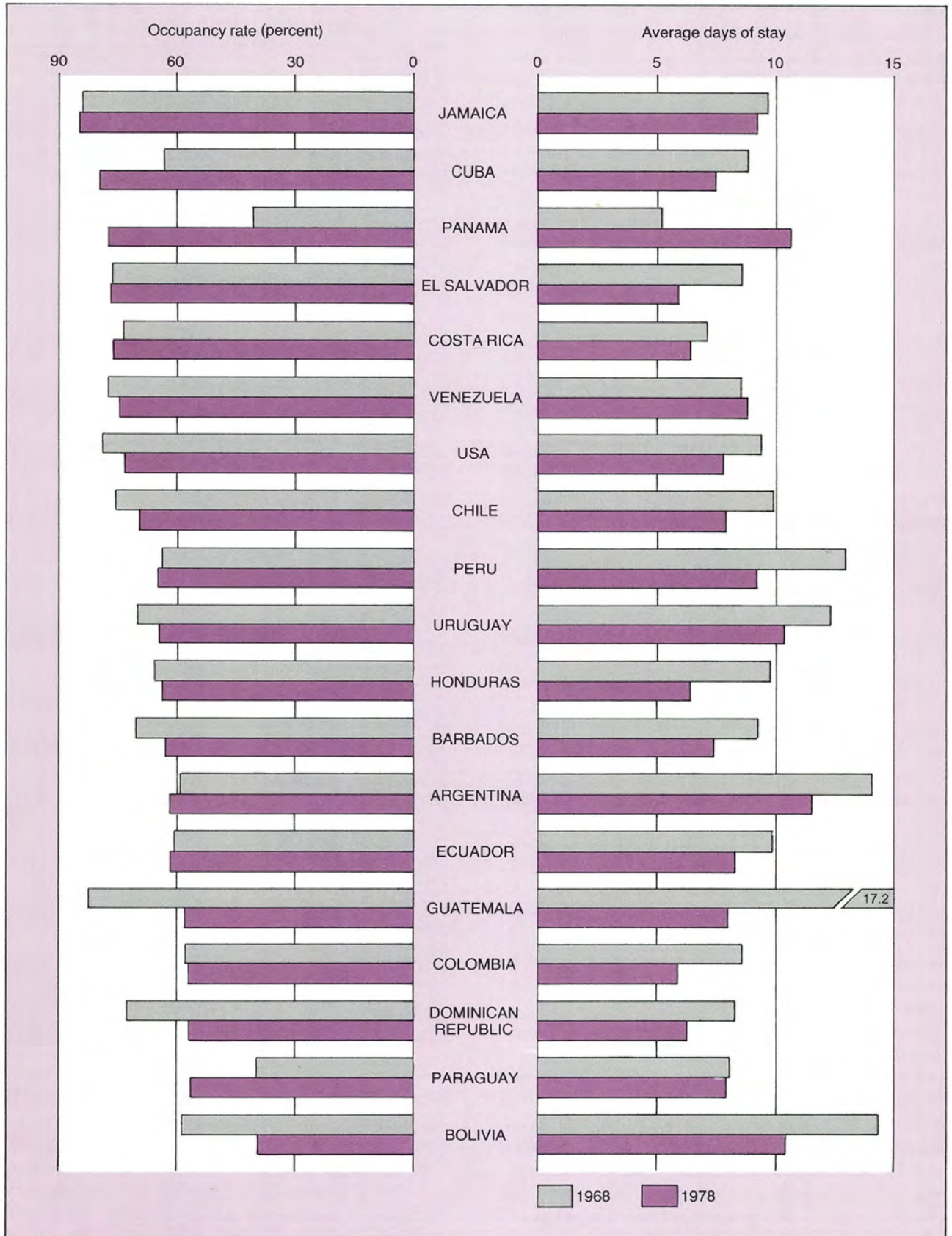




Table 83. Indices of hospital utilization in Latin and Northern America, by ownership, around 1978.

		<u>Total</u>	<u>Ministry of health</u>	<u>Social security</u>	<u>Other public</u>	<u>Private</u>
Latin America	Average days	7.9	7.7	6.3	11.6	5.6
Northern America	of stay	8.2	9.0	-	9.5	7.6
Latin America	Per cent	64.3	60.0	76.8	70.8	54.5
Northern America	occupancy rate	72.9	59.9	-	70.2	74.7

America may be related more to the type and size of the hospitals providing data. A substantial number of these private short-stay hospitals may actually be clinics with beds, which emphasize very short-stay acute care services. Nevertheless, a Regional occupancy rate averaging less than 55 per cent indicates significant under-utilization of these health facilities.

As suggested above, the average length of stay varied according to the hospital or to the percentage of certain acute care services provided, such as burn therapy, which required longer periods of hospitalization. However, in short-stay hospitals with 100–499 beds, the average length of stay should be close to eight days. Data for 22 countries in the Region are illustrated in Figure 71 and Annex Table V-7. In fact, the median average length of stay in hospitals of this size was nearly 8.0 for these countries around 1978. However, in cases where the average length of stay was well above the median in hospitals with 100–499 beds, it is probable that chronically ill patients were being served and/or longer-stay acute care services provided. Nevertheless, very long periods of hospitalization may occur as a result of understaffing, and shortage of some types of equipment and/or medicaments. Report of a very low average length of stay from short-stay hospitals of this same size, however, commonly indicates an error in the hospital census. This occurs particularly in hospitals that do not have 24-hour registration systems. Again, however, very low average length of stay may be more a reflection of the type of acute care provided and does not necessarily indicate inefficient services.

In many Latin American countries, utilization of general and specialized hospitals for the delivery of specialized care followed the suggestions of the Ten-Year Health Plan, which recommended that specialized medical care services be gradually incorporated into general hospitals. This trend is indirectly measured by the availability of specialized service beds per 100,000 population. This indicator is illustrated in Figure 72 for maternity, pediatric, psychiatric,

and tuberculosis patient care in a few selected countries during 1960–1980.

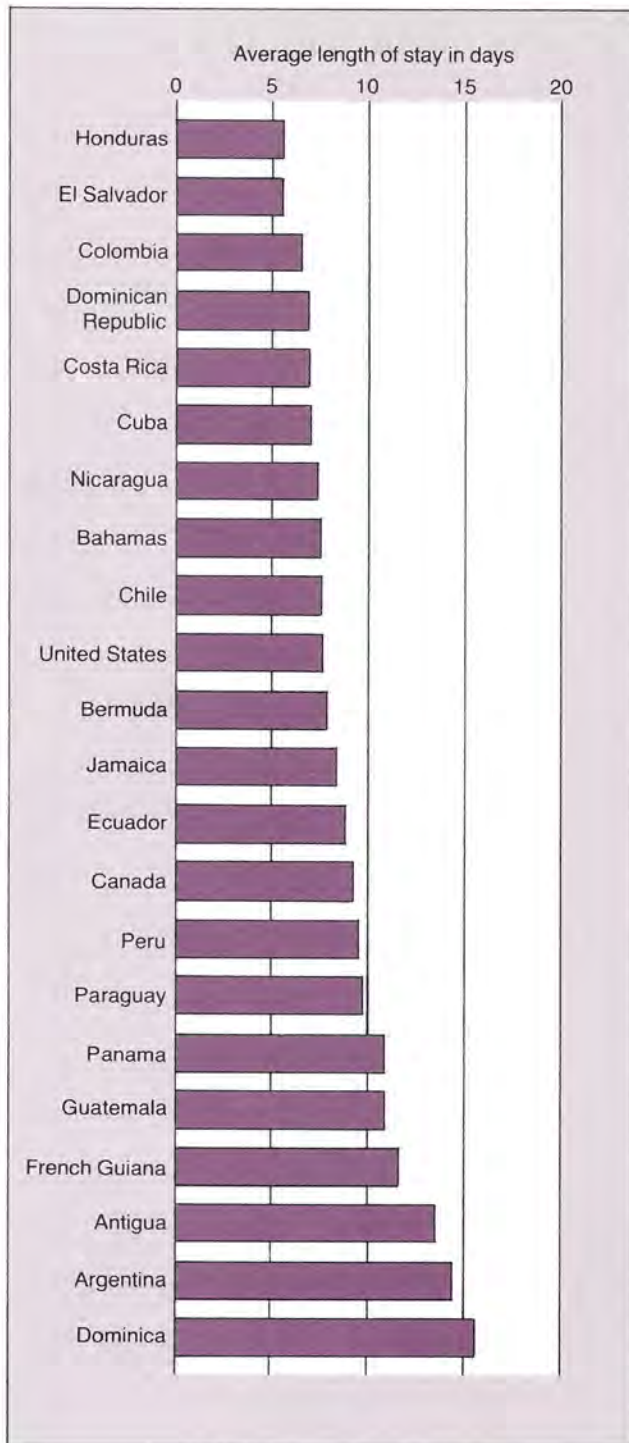
In Cuba maternity hospital beds per 100,000 women 15–44 years of age increased almost fourfold from 73 to 274 between 1960 and 1978, whereas the fertility rate dropped from 143 to 73 per 1,000 women ages 15–44. In contrast, the maternity bed ratios diminished slightly in Venezuela (40 to 33), and substantially in Costa Rica (132 to 25) during the same period.

These contrasting trends reflect very different hospital utilization patterns probably related to differences in health care delivery systems. Cuba concentrated efforts to attain a level of health care found only in the most developed countries. Specialized maternity hospitals were part of that effort. In Venezuela, however, even the small number of maternity hospitals in the public sector appeared to be decreasing and the large proportion of deliveries in general hospitals indicated no effort to increase specialization of institutions. Costa Rica reported a single maternity hospital with 120 beds in 1978. In 1974 this hospital showed 8,000 discharges but there were 46,000 deliveries in institutions that year, indicating that the overwhelming majority of deliveries occurred in general hospitals.

Similar changes were observed in the number of pediatric beds per 100,000 population in general hospitals over the last 20 years in Chile, Venezuela, and Panama. Although Figure 72 appears to show no dramatic changes, the ratio of pediatric beds per 100,000 children under 15 years dropped 40 per cent, from 60 in 1957 to 36 in 1978. In Venezuela it remained relatively constant around 20 in all years. In Panama it remained relatively low, increasing only from 2 to 5. It is clear that for the most part institutionalized pediatric care is being provided in general hospitals.

While changes in the ratios of specialized short-stay hospital beds and the explanation for these changes varied, trends in the ratio of long-stay hospital beds

Figure 71. Average length of stay in hospitals with 100-499 beds in the Americas, by country, around 1978.



per 100,000 population in Latin America over the last two decades were quite similar. The ratios decreased, due primarily to greater use of ambulatory care as the treatment of choice in the case of tuberculosis and

mental illness. The ratio of mental hospital beds per 100,000 population decreased by half in Colombia and Panama and by 14 per cent in Chile over the last two decades. There were also substantial decreases in tuberculosis bed ratios in Chile and Venezuela from 60 to 4 and 43 to 9, respectively. A decrease from 8 to 5 tuberculosis beds per 100,000 population occurred in Haiti over the same period. These changes had a substantial impact on the overall long-stay bed ratios during the last 20 years, since mental and tuberculosis beds accounted for over 80 per cent of total long-stay beds.

### Ambulatory Care Utilization

Although considerable primary health care may be provided in the hospital setting, most of these services were provided on an ambulatory or outpatient basis. However, it is precisely in this area where data are the most scarce and least reliable, and data collection systems least developed. It is important to underscore, however, that there is no quick solution to this data problem. Substantial costs are involved in developing effective outpatient information systems in terms of human resources, training facilities, finances, and time. In addition, it is natural that these systems vary by type and quality not only between countries but also between areas within countries in order to accommodate local needs and available resources. Nevertheless, certain standard data elements are necessary for the evaluation of ambulatory patient care, clinic service, and facility management, which can be used primarily at the local, department, and national levels and also for international comparisons. In addition, terms used to denote primary care may differ from one country to another, but should be standardized within each country to permit proper analysis of progress.

One indicator of outpatient activity is the number of visits to outpatient establishments per 100 population. This indicator is demonstrated in Figure 73 for selected countries of Latin America around 1978. The Ten-Year Health Plan suggested 2 medical consultations per inhabitant by the year 1980 which translates to 200 consultations per 100 population in Figure 73. The ratio ranges from around 20 per 100 population in Mexico and Guatemala (most likely reflecting incomplete reporting) to 400 in Costa Rica and 500 visits per 100 population in Cuba where outpatient services are well established and data accurately recorded. According to data available, few countries met the goal, but many additional consultations from the private, military, and social security sectors were missing for the current data base.



Figure 72. Trends in delivery of specialized medical care in selected countries of Latin America, 1960-1980.

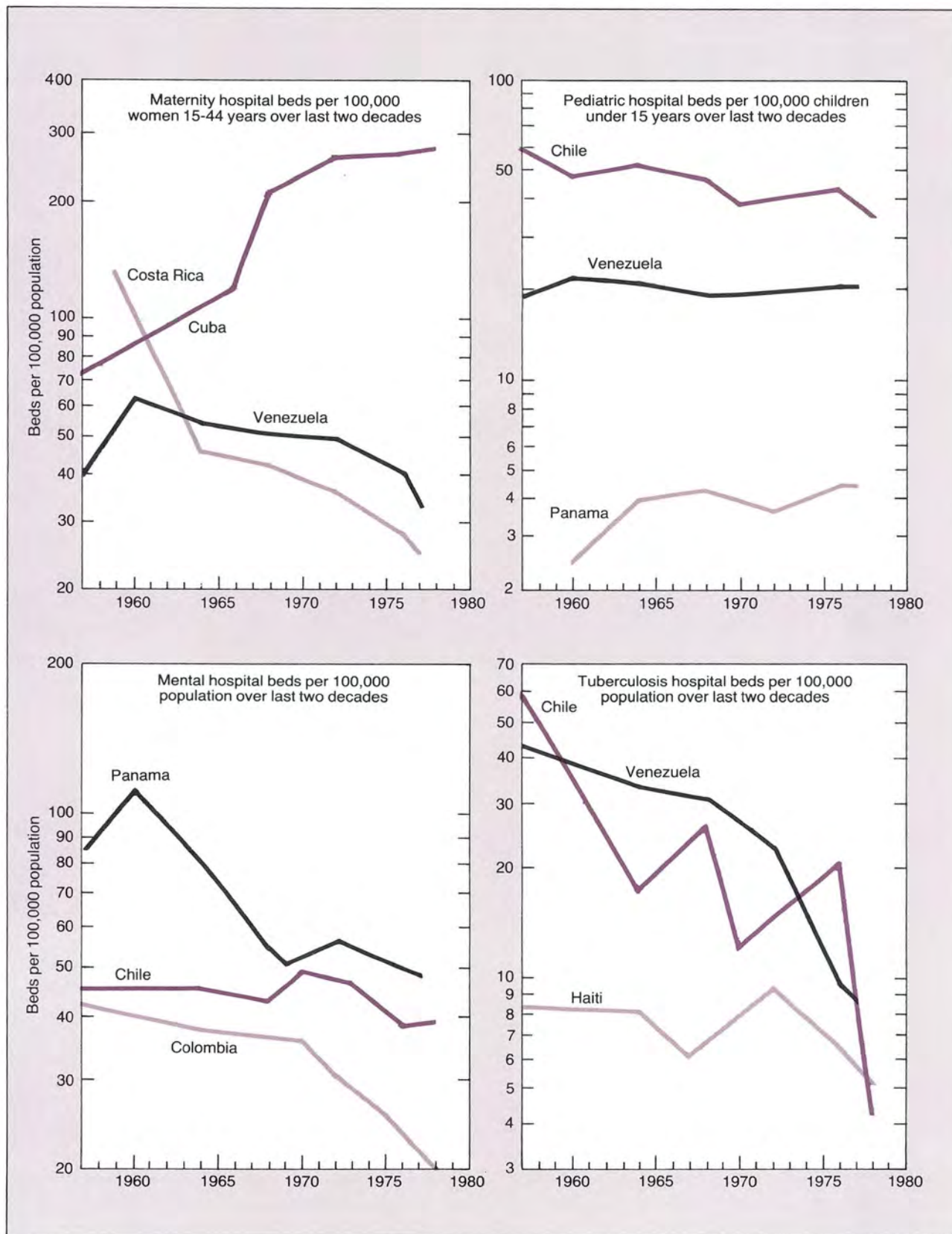
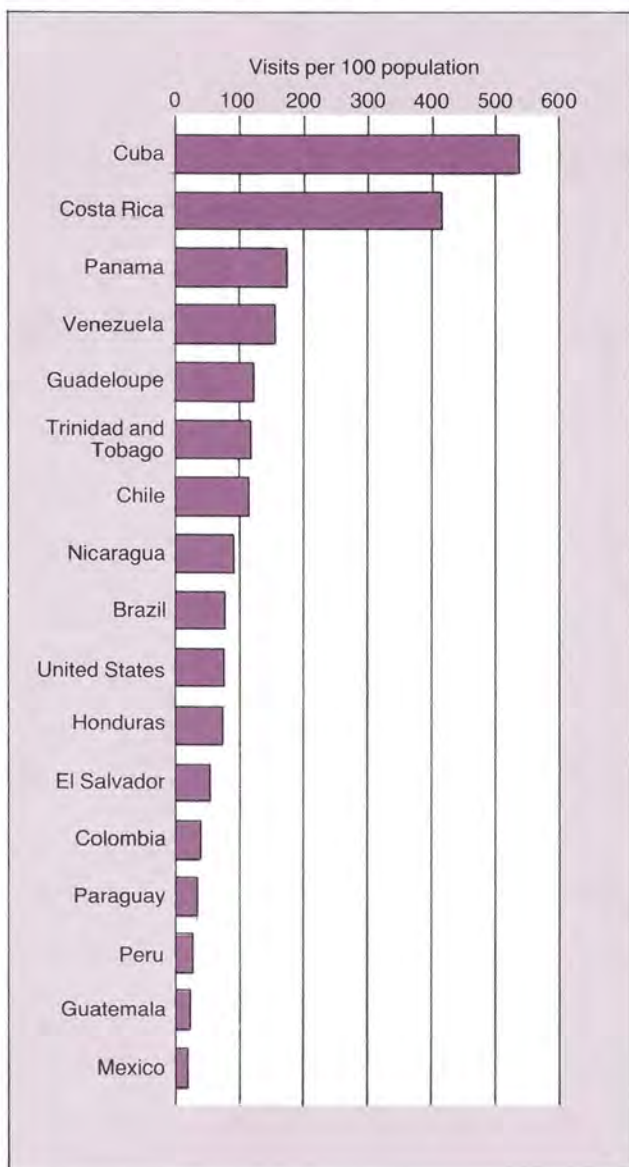


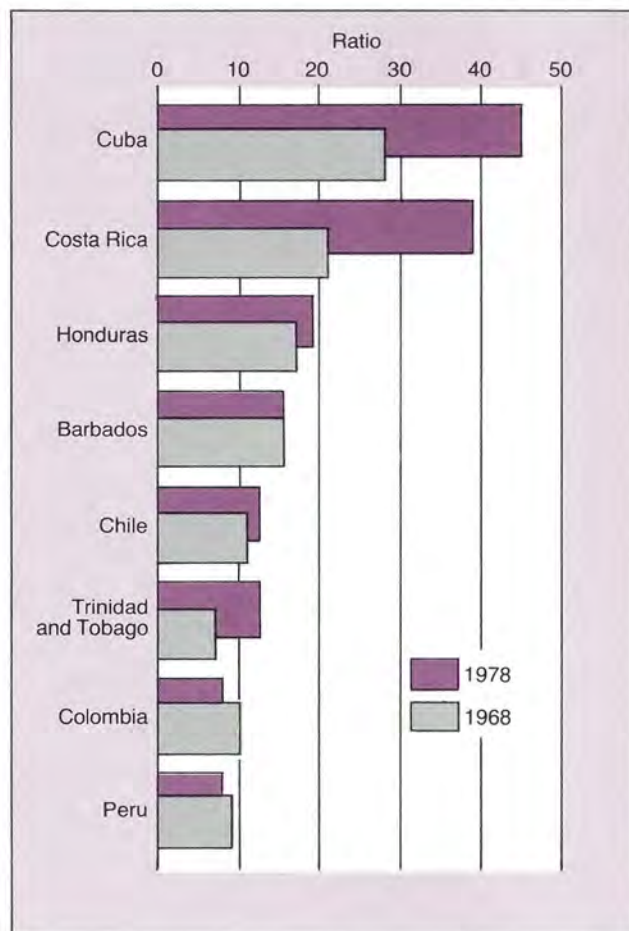
Figure 73. Visits to health establishments with outpatient services per 100 population in Latin America, by country, around 1978.



As has been mentioned, more meaningful utilization statistics are those related to specific target population groups. Examples of these are provided in Table 84. It can be observed, unfortunately, that few countries provided this information. For those countries that did, it was possible to estimate general health services coverage to infants and children 1-4 years of age. Coverage ranged from approximately 50 to 100 per cent and 10 to 100 per cent among infants and children 1-4 years, respectively, around 1978.

Although reasonably accurate coverage data are a big improvement over activity counts, additional

Figure 74. Ratio of outpatient visits to hospital discharges, in selected countries, around 1968 and 1978.



data are required to evaluate the quality of care provided. For example, an estimate of prenatal coverage could be supplemented by a frequency count—the average number of visits per live birth. This information would substantially increase the value of the coverage estimates.

The trend toward providing a greater proportion of patient care on an outpatient basis is illustrated in Figure 74. In six of nine countries shown, the ratio of outpatient visits to hospital discharges was greater than 10:1 around both 1968 and 1978. In Costa Rica and Cuba the ratio was greater than 30:1 around 1978, while in Colombia and Peru the ratios were less than 10:1 during this same period. The ratio of outpatient visits to discharges was greater around 1978 than 1968 in two-thirds of the countries shown. If adequate monitoring of primary health care is to be achieved in the coming decades, additional and more complete coverage data must be obtained from the countries of the Region.

Table 84. Child health services in Latin America, selected countries, around 1979.

Country	Year	Children attended					Visits		
		Centers with information	Under 1 year	Per 100 live births	1-4 years	Ratio (a)	Centers with information	Under 1 year	1-4 years
Antigua	1978	10	1 088	81.1	3 459	38.0	10	3 576	11 371
Barbados (b)	1979	13	3 843	89.6	...	...	13	55 361	...
Colombia	1976	...	502 431	68.7	703 915	20.6	...	1 011 195	1 373 960
Cuba	1976	...	...	...	...	...	727	1 998 005	2 276 748
Dominica	1979	40	...	...	...	...	40	7 379	...
Ecuador	1973	710	128 108	52.4	126 480	13.4	710	246 310	264 474
El Salvador (c)	1978	269	169 886	98.3	163 607	26.8	269	199 644	332 740
Honduras	1979	...	...	...	...	...	...	275 823	403 055
Panama (d)	1976	139	44 015	79.6	21 920	9.9	262	185 659	306 901
Paraguay	1979	304	42 255	...	38 942	9.6	304	94 877	81 574
Peru	1978	449	330 408	...	321 947	14.9	449	705 095	718 356
Turks & Caicos Islands	1977	...	343	...	1 606	22.0	...	...	...
Virgin Islands (UK)	1978	11	(c) 400	100.0	(c) 1 524	100.0	11	4 323	...
Virgin Islands (US)	1980	4	1 476	54.6	3 028	27.1	4	4 677	8 630

(a) Per 100 children aged 1-4. (b) Source: Ministry of Health and National Insurance Annual Report of Chief Medical Officer for the year 1979. (c) Estimate. (d) Data incomplete.

## Vaccinations

The level of vaccination coverage is a good measure of the utilization of health services for children and pregnant women.

One of the specific targets defined as essential to the overall goal of health for all by the year 2000 is to provide by 1990 immunization services to 100 per cent of the children under 1 year of age against the major childhood diseases. The goals of the Expanded Program on Immunization (EPI) also include this target. The priority diseases included in the program are diphtheria, tetanus, whooping cough, tuberculosis, measles, and poliomyelitis. Immunization with tetanus toxoid should be provided to pregnant women or women of childbearing age as well in order to prevent neonatal tetanus.

One of the indicators used to evaluate the vaccination component of the Ten-Year Health Plan and the progress of the EPI launched in the Region at the end of 1977, was the immunization coverage in children under 1 year of age and pregnant women. The impact of the program on reducing morbidity and mortality from the target diseases is discussed in Chapter III. Annex Tables V-8 to V-11 contain the percentage of children under 1 year receiving BCG, DPT, measles, and poliomyelitis vaccines by country for each year

from 1977 through 1980. The immunization data presented here are far from complete and reflect the different stages of development of the countries' information systems. It is worth noting that, while only 22 countries reported vaccination coverage for at least one of these vaccines in 1977, the number steadily increased to a total of 40 countries in 1980, demonstrating the efforts being made at the country level to improve data on these activities (Table 85). Because similar progress was not observed for the tetanus toxoid vaccination coverage of pregnant women, data for this group are not presented.

An examination of the coverages achieved during this period indicates that the majority of countries for which data were available did not meet the Ten-Year Health Plan goals. Moreover, most countries presented coverages well below 50 per cent and many were below the 25 per cent level for 1980. An analysis of the subregions of Latin America shows that only the Caribbean achieved the 80 per cent coverage goal and then only for the first dose of DPT and poliomyelitis (Figure 75).

Another problem common to all countries in the Region was the high dropout rates (from 5 to 60 per cent), from first to third dose of DPT and poliomyelitis vaccines; substantial effort is required if the goals of the EPI and of health for all by the year 2000 are to be achieved by the countries of the Region.

**Table 85. Number of countries in the Americas reporting vaccination coverage for children under 1 year of age, by type of vaccine, 1977-1980.**

Year	BCG	DPT	Measles	Poliomyelitis
1977	19	22	16	21
1978	21	25	20	26
1979	26	31	25	30
1980	26	40	20	39



Figure 75. Percentage of children under 1 year of age receiving BCG, DPT, measles, and poliomyelitis vaccines, by subregion, 1980.



## DEVELOPMENT OF THE HEALTH INFRASTRUCTURE

### HEALTH SERVICES SYSTEMS

At the beginning of the 1970s, a large proportion of the Latin American population had no access to any of the existing health care services, and it was estimated that only minimal services were available in cities of 20,000 inhabitants or less.

In the Ten-Year Health Plan for the Americas, the governments recommended as a goal for the 1971-1980 decade the attainment of "... total coverage of the population by the health service systems in all the countries of the Region."<sup>1</sup> This was to be accomplished by expanding the so-called basic health services and minimal comprehensive services, organized according to the size of the local population and the extent of its concentration or dispersal. To that end, several activities were identified as needed to increase production of services, including expansion of facilities, improvement of the systems' productivity, improved management of the sector's institutions, transfer of more efficient health technologies consistent with the countries' socioeconomic status, organization of services, and others.

In succeeding years, projects for extending health services coverage and for improving the environment were drawn up by all the countries in the Region. The ultimate aim in all cases, obviously, was to extend the services; the immediate purpose was to construct new and improve existing facilities, promote personnel training, and continue making administrative changes in the sector's institutions.

Health ministries have always been responsible for the design and implementation of these projects, but sectoral participation has varied widely, often being assigned to the ministerial department and not involving other health sector components.

While the concept of coverage changed greatly after the beginning of the decade, wide variations still persist: for some countries the term is confined to the

possibility of increasing the productivity of existing facilities, and for others it involves presetting service production targets viewed as sufficient to meet the particular needs of certain priority groups. Assumptions are formulated about productivity and programs are designed to provide additional manpower, facilities, and financing as required to attain these production goals.

### Expansion of the Installed Capacity

During the 1970s it was felt that, in order to extend health services coverage, it was necessary to expand the installed capacity through investment programs and by improving the operation of service systems. At first it was hoped that efforts in these two areas could be coordinated so as not to overtax the capacity of the existing systems; later it became evident that a management system was necessary in order to provide increased services and at the same time make them more accessible and better able to meet demands more promptly.

Many countries expanded their installed capacities through investment programs—the basic strategy of programs for extending service coverage. This approach evolved steadily so that investments in additional capacity were viewed as complementing the adjustments needed to increase the systems' productivity. In many cases, investments were based on soft external loans. Repayment of these loans, together with expenditures required to put new services into operation and increase their total output will impose a burden that calls for careful analysis by loan managers in years to come.

Investment projects showed the countries' growing interest in the design of service networks in which the types, functions, staffing and equipment, location, and size of the facilities were clearly outlined. Also noteworthy was a tendency to regard additional in-

<sup>1</sup>*Ten-Year Health Plan for the Americas*. PAHO Official Document 118, 73, 1973.

Table 86. Summary of the contents of the Health Plans in countries of the Americas.

Country	Argentina	Bahamas	Barbados	Bolivia	Brazil	Canada	Chile	Colombia	Costa Rica	Cuba	Dominica	Dominican Republic	El Salvador	Ecuador	Grenada	Guyana	Guatemala	Haiti	Honduras	Jamaica	Mexico	Nicaragua	Panama	Paraguay	Peru	Suriname	Trinidad and Tobago	United States	Uruguay	Venezuela
Characteristics of Health Plan or of Extension of Coverage Program																														
1. Period (years of plan)	80 82		79 83	78 82	81 86			79 82	79 82	81 85	P		81 84	76 80	P		78 82	78 82	P	79 83	79 83	77 83	P	P	80 83	80 85	76 80			
2. Diagnosis	X		X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X
3. Policy formulation	X		X	X	X		X	X	X	X	P		X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X
4. Selection of priority areas	X		X	X	X		X	X	X	X	P		X	X		X	X		X	X	X	X	X	X	X	X	X	X		X
5. Service programming	X		X	X	X		X	X	X	X	P		X	X		X	X	X	X	X	X	X		X		X	X			
6. Administrative development programming				X			X	X	X	X	P		X	X		X	X	X	X	X	X	X	X	X	X					
7. Health resources programming					X		X		X	X	P		X		X				X			X		X		X				
8. Investment programming	X				X		X		X	X	P	X	X	X		X	X	X	X	X	X		X		X		X	X		
9. Information systems programming					X		X	X	X			X	X		X				X	X		X		X						
10. Intersectorial articulations										X									X			X								
11. Sectorial Plan: S Institutional Plan: I		S			S		S	S	S	S			I	I		S			S		S	S	S	I	S	S				
12. National strategies HFA/2000	X		X	X	X	X	X	X	X	X			X	X		X	X	X	X	X	X	X	X	X	X			X	X	X
13. Regional plan					X							X	X												X					

vestments as complementing possible gains in the utilization of already installed capacities.

### Planning and Administration

The Ten-Year Health Plan stressed the need to increase the systems' productivity through technical-administrative and legal reforms to strengthen their organizational and functional structure, and to expand capacities to meet the demand by making better use of available resources. During the decade the countries made a major effort to organize practices that would make services more accessible to the population.

Health services planning and administration underwent substantial changes in the 1970s. Emphasis shifted to the comprehensive approach to the system, its subsystems and components, and to the technologic mechanisms used. Important gains were made in adjusting the systems in an effort to overcome rigid procedures already established in some countries.

Another highly significant development in response to the problems observed was the adoption of policies and plans of action and the effective provision of services. Though the process did not proceed at the same pace or intensity in all countries, by the close of the decade it had laid a solid basis for the future operation of the health systems.

Efforts were made to revise the sectoral organization, achieve interinstitutional coordination, and review and improve laws which will stimulate the most important subsystems—investments, supplies, personnel, and maintenance. These efforts had no substantive impact, however, because of a persistent lack of coordination among the health sector institutions, particularly between the social security systems and the health ministries institutions (both at the decision-making and regulatory levels), and in the ser-

vice-delivery units. As the decade progressed the health ministries gradually assumed an increasingly important role in the coordination of the sector's activities. In some countries new organizational arrangements extended the areas of social security responsibility.

Frequently, proposals to change the organization and functioning of the sector went no further than formal coordination. The required analyses of the sources and implications of financing the sector's institutions as well as a study of the structures and costs of services and their beneficiaries remain undone. Both these analyses are needed as a basis for decisions which will enable the health sector to extend its coverage and contribute to its income redistribution and to a consequent reduction of inequities.

The definition of levels of care and the design of referral systems, functional regionalization of services, and administrative decentralization became more effective during the decade. These factors contributed to the determination of technologies, thereby increasing the systems' efficiency and reducing disparities in the amount and type of services available to different groups.

The countries in the Region became aware of the importance of organizing and developing information systems as a means of refining their processes of decision-making, programming, management, and evaluation. However, the gains fell short of expectations. Specifically, no information was generated on the use and productivity of available services, or of sectoral or institutional financing, expenditures, or costs.

In the area of plans and programs there was a shift from a rigid methodological approach to more flexible techniques in order to deal with previously intractable problems (e.g., the determination of accessibility, levels of care, and coverage). Table 86 summarizes the situation in the countries at the end of 1980 with reference to the formulation and content of plans.



## ENVIRONMENTAL HEALTH

### INTRODUCTION

The state of health of individuals and communities is the primary result of the following aggregates of social, economic, and cultural conditions, that is, the environment in which they live: the water they drink, the food they eat, the air they breathe, the earth they inhabit, the cities in which they reside, and the places where they work. These factors in turn are modified by other environmental considerations such as population density, urbanization, industrialization, and technological development and their by-products—pollution, noise, intoxicants, stress, and so forth. Although little quantitative information is available either on the quality and quantity of these environmental factors or on their impact on human health, the importance of the relationship between environment and health cannot be overstated.

Any description of that relationship should be couched in the context of prevailing trends. As stated in Chapter I, the Region's total population is burgeoning. In recent years, socioeconomic development in Latin America has resulted in exponential urbanization and industrialization. Projections for the future of developing countries in the Region are characterized by both a population explosion and an irreversible migration of that population to the cities. These factors—population growth, migration to towns and cities, and increased industrialization—will aggravate environmental health conditions in the Region of the Americas for years to come.

Along with the evaluation of other effects of the environment on health, e.g., those caused by air pollution, occupational diseases and accidents, and chemical hazards, it is necessary to study the incidence of intestinal infectious diseases. As a group, these diseases are among the 10 main causes of death in most of the countries of the Region, and their incidence is predicated primarily on environmental circumstances—water, sanitation, and food. For example,

their impact on the 1–4 year age group is evident from the impressive mortality rates reported in Chapter III. Thus the environment, which is a major contributor to disease, must be protected if real improvements in health conditions are to be attained.

Moreover, the environment will continue to play a major role in determining the countries' health conditions in that, as progress is made in communicable disease prevention and control, other diseases related to the environment will arise as by-products of development: occupational diseases and accidents, malignant neoplasms, mental illness, and cardiovascular disease.

### WATER SUPPLY AND SANITATION

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#### *Goals of the Ten-Year Health Plan*

- Provide water supply through house connections to 80 per cent of the urban population or, as a minimum, reduce that population currently without water services by 50 per cent . . .
  - Provide water supply to 50 per cent of the rural population or, as a minimum, reduce that population without service by 30 per cent.
  - Provide sewerage service to 70 per cent of the urban population or, as a minimum, reduce that population without service by 30 per cent.
  - Provide sewerage service or other sanitary means of excreta disposal to 50 per cent of the rural population or, as a minimum, reduce that population without service by 30 per cent.
- 

Safe water and adequate sanitation are two of life's most basic requirements. Their absence has a direct, constant, and profound effect on the health of over 800 million persons in the developing world: WHO

reports that some 80 per cent of all disease in developing countries is related to unsafe water supplies and inadequate sanitation.

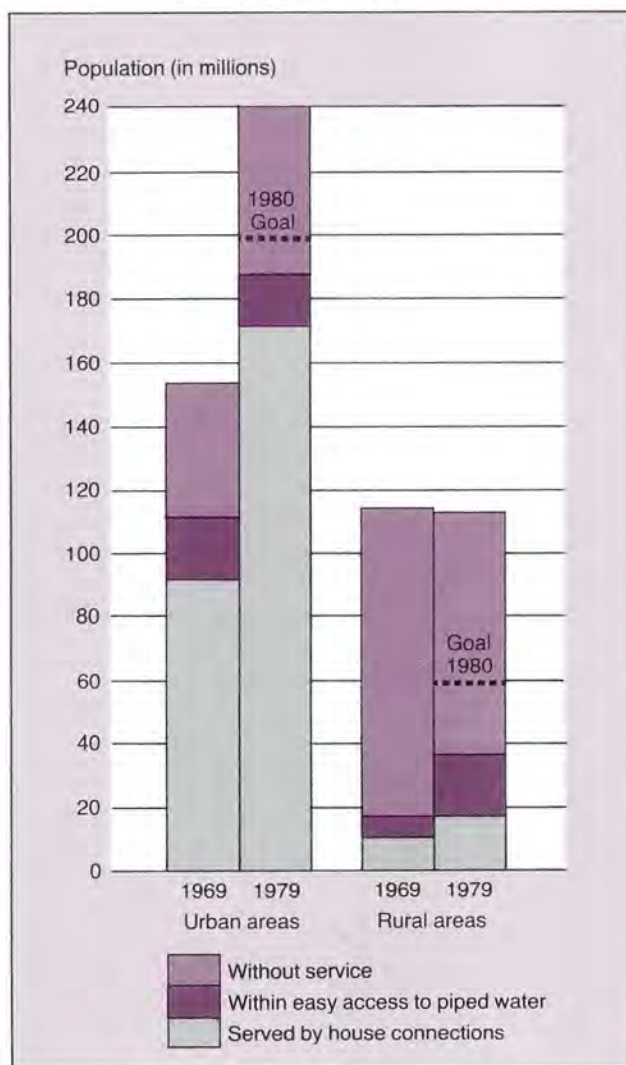
In 1976 the United Nations Conference on Human Settlements (HABITAT) recommended that consideration be given to providing drinking water and sanitation services to the largest possible number of persons by 1990. In March 1977 the United Nations Water Conference adopted that recommendation and proclaimed the International Drinking Water Supply and Sanitation Decade (1981–1990) with the goal of providing drinking water and sanitation services to everyone within that period. In 1978 the International Conference on Primary Health Care adopted the Declaration of Alma-Ata, in which primary health care was referred to as the key to attaining the target of health for all by the year 2000. The Declaration endorses approaches taken by the Water Decade and states that a supply of safe water and sanitation are among the main components of primary health care.

The status of water supply services in Latin America around 1979 is shown in Annex Table VII-1. These data are provided by the countries as a result of a special request by PAHO, and their accuracy varies greatly.

At the beginning of the 1970s only 92 million households in urban areas of Latin America had house-connected water supply. Another 18 million homes in rural areas were receiving water from connections or had easy access to standpipes (Figure 76). To meet the goals of the Ten-Year Health Plan for the 1970s, an estimated 200 million urban inhabitants in Latin America should have received water service through house connections by the end of the decade. An additional 60 million living in the rural sector should have been provided with water service either through house connections or easy access to piped water. Data in Annex Table VII-1 and Figure 76 show that around 1979 these services had been successfully provided to only 170 million living in urban areas and to only 37 million rural inhabitants. While urban progress is close to the goal, rural progress is far from being achieved.

Figure 77 permits an assessment by country of the extent to which the regional water supply goals have been met. In the urban sector, only 10 of 25 countries for which data were available around 1979 were able to meet or maintain the goal of 80 per cent or more for house connections. This represents an increase from 7 countries in 1969. Four countries achieved the regional goal for the first time in the 1970s—Colombia, Cuba, Suriname, and Uruguay. Trinidad and Tobago and Venezuela had met the goal by 1969 but failed to maintain the level achieved earlier. This

Figure 76. Estimated urban and rural population covered by water services in Latin America, around 1969 and 1979, with goals established for 1980 under the Ten-Year Health Plan.



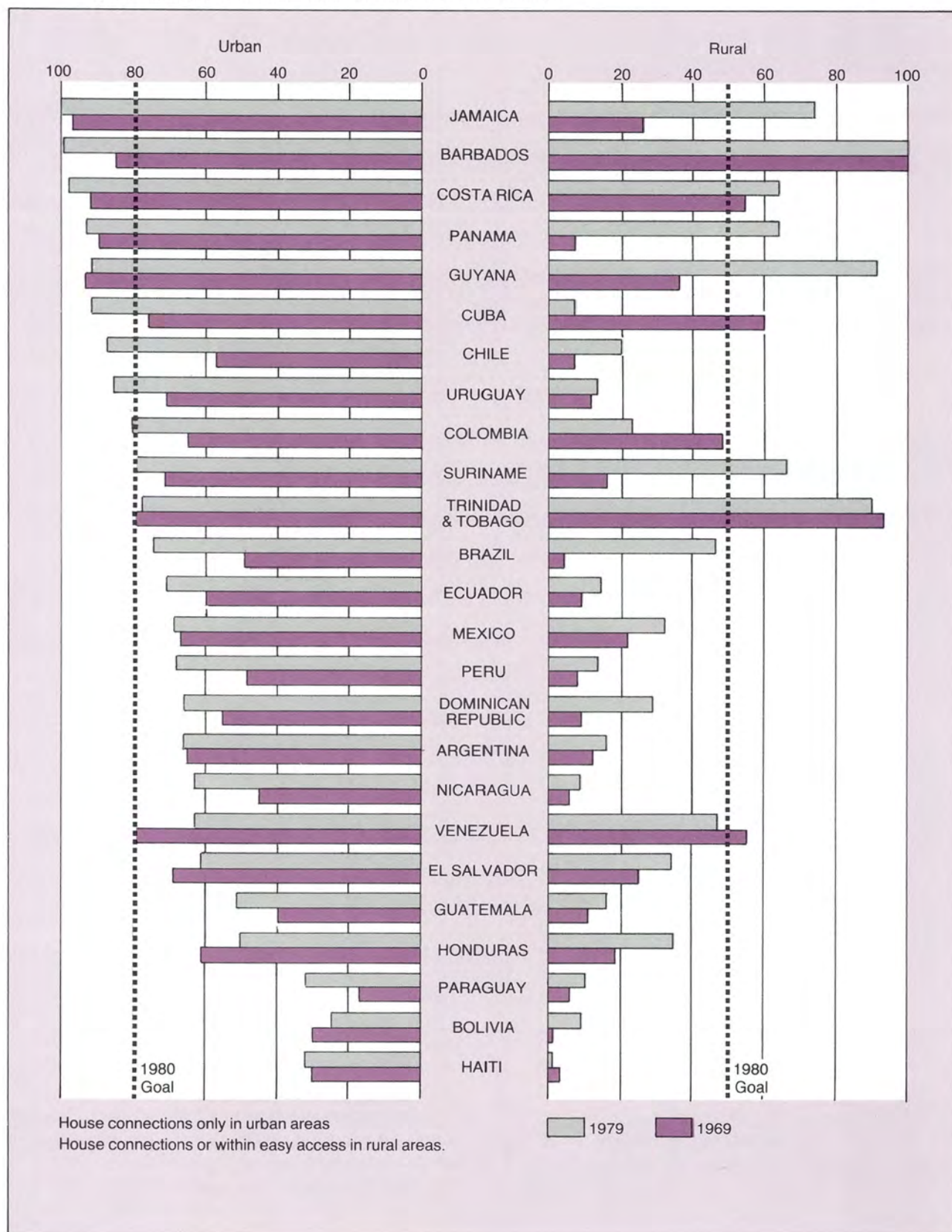
resulted in a net increase of only two countries which fulfilled the goal by the end of the decade.

Significant progress, however, was made by another seven countries. Though still short of the Regional goal, Brazil, Dominican Republic, Ecuador, Guatemala, Nicaragua, Paraguay, and Peru reported progress. Another four lost ground during this period, namely Bolivia, El Salvador, Haiti, and Honduras, while Argentina and Mexico were only able to maintain their level of coverage.

In rural areas, only five of 25 countries were providing either house connections or easy access to standpipes at the Regional goal level at the beginning of the decade. According to 1979 data, seven countries now provide these services at the goal level or



Figure 77. Percentage of urban and rural population served by water supply in Latin America, around 1969 and 1979, with goals established for 1980 under the Ten-Year Health Plan.



above. Two countries, Cuba and Venezuela, were unable to maintain the goal reached at the beginning of the decade and four, Guyana, Jamaica, Panama, and Suriname, achieved the goal for the first time during the decade. It is highly improbable the retrogression in Cuba is real but rather a definition or data problem is more likely. Colombia, however, also showed a marked falling off in progress, and Chile, Nicaragua, Paraguay, Peru, and Uruguay were just able to maintain some level of progress, albeit far short of the Regional goal.

The 1980 goals for sanitary facilities called for provision of sewerage services to an estimated 173 million people in the Region's urban areas. In addition, these goals included making available some sort of

sanitary facilities to some 60 million persons in the rural sector by the end of the decade. However, the data in Annex Table VII-2 and Figure 78 show that around 1979 only 86 million people residing in urban areas and slightly less than three million living in rural settings had sewerage service.

As shown by data in Annex Table VII-2 and Figure 79, clearly very little progress has been made toward achieving the Regional goals for sewerage service of 70 per cent coverage in urban areas and 30 per cent in rural settings. In the urban area only Colombia, Ecuador, Panama, and Trinidad and Tobago were able to reach and maintain the goal level, and some progress has been made by 11 other countries.

Five countries, however, suffered a decrease in coverage during the decade. The most serious was El Salvador where the goal had been reached in 1969 but now has less than 50 per cent coverage.

In the rural setting there was essentially no net gain in coverage in the 1970s. Only Panama, with 78 per cent coverage, has been able to meet and maintain the Regional goal of 50 per cent. Data on sewerage handling facilities other than connections to sewerage systems are not available. This affects rural coverage particularly with regard to use of latrines and other individual means of excreta disposal.

"Easy access" to water supply is defined by WHO as follows: for urban areas, drinking water should be available at a distance no greater than 200 meters from a dwelling to a public standpost; and for rural areas, that a housewife should not dedicate a disproportionate part of the day to the task of carrying water to meet the family's needs. One of the important measures in evaluating easy access to water supply is the determination of the percentage of the population without house connections. In Latin America those percentages are as follows:

- Continental Middle America: 49.8
- Caribbean: 56.3
- Tropical South America: 51.9
- Temperate South America: 39.6

Consequently, while it is obvious that the countries are making every effort to extend the services coverage to increasing numbers of persons, that extension is barely keeping pace with population growth. Improvement in this area will be one of the main challenges to attaining the goals of the Water Decade and the Regional strategies.

The Decade, an important part of the global campaign for attaining health for all by the year 2000, sets the ambitious target of providing everyone in the world with access to safe drinking water supply and sanitation services by 1990, if possible. Total coverage implies extension of services to the 338 million

Figure 78. Estimated urban and rural population covered by sewerage systems in Latin America, around 1969 and 1979, with goals established for 1980 under the Ten-Year Health Plan.

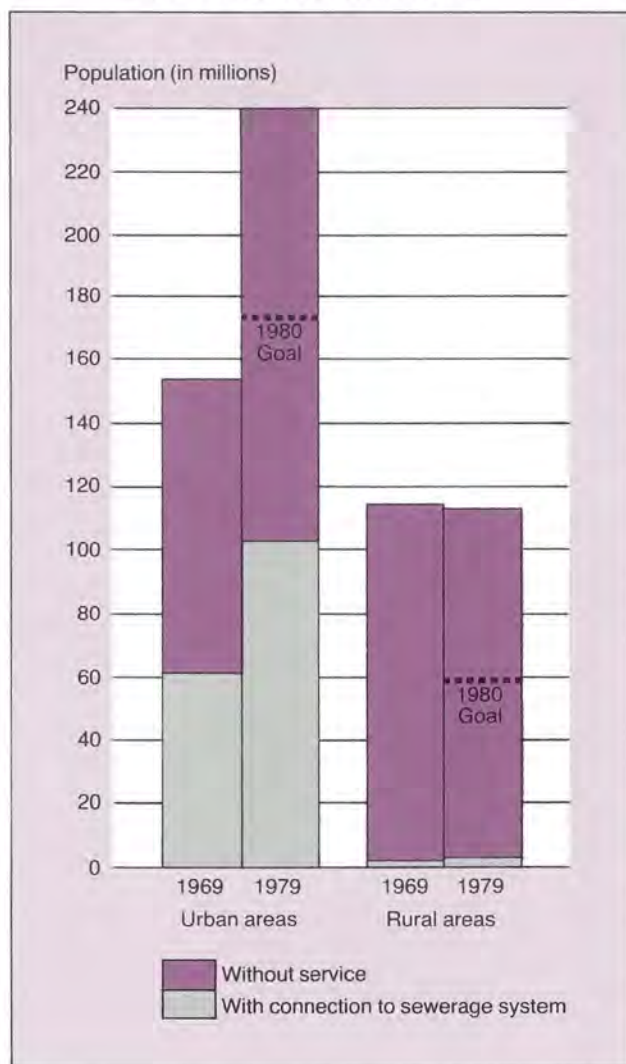
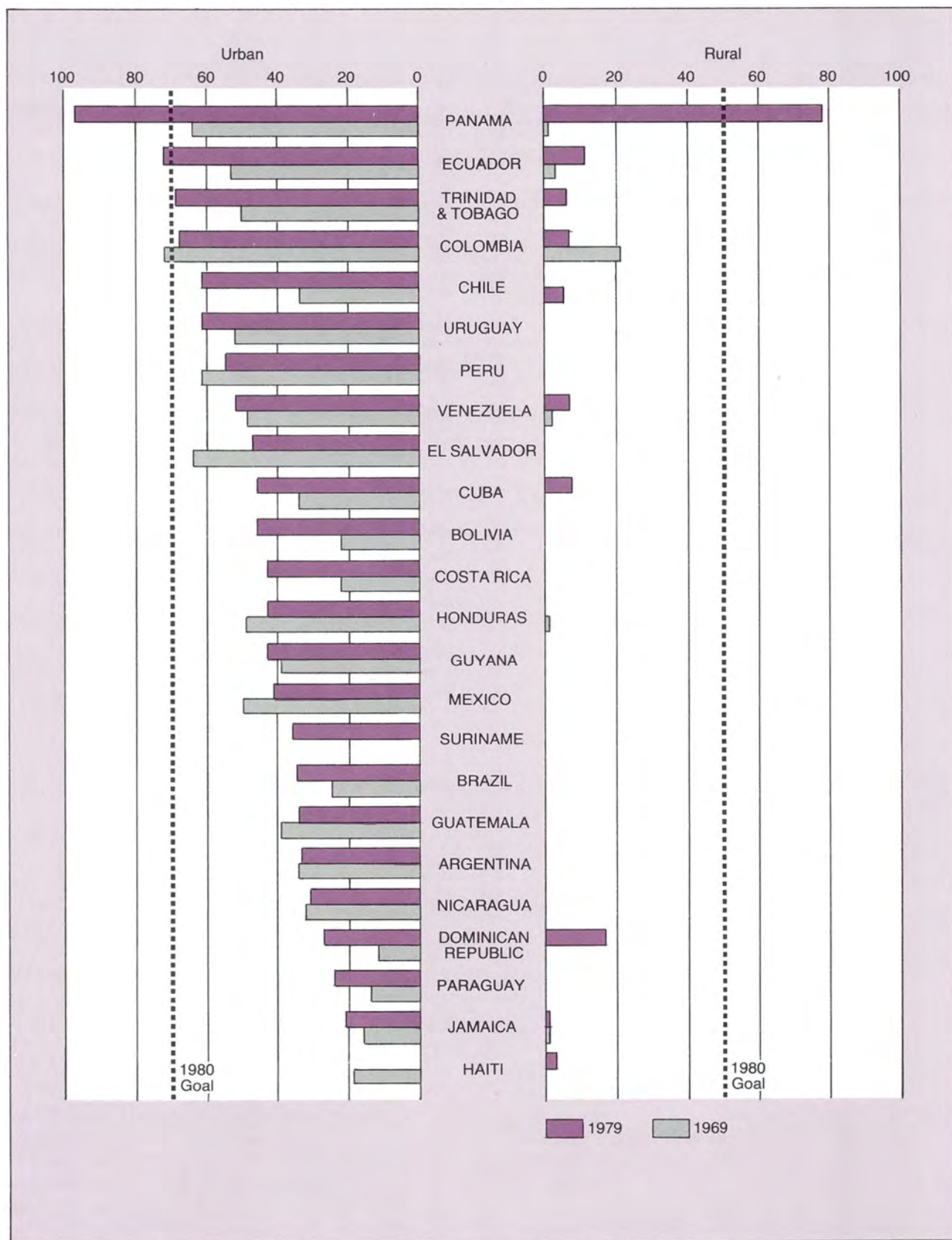




Figure 79. Percentage of urban and rural population served by sewerage systems in Latin America, around 1969 and 1979, with goals established for 1980 under the Ten-Year Health Plan.



persons living in urban areas and the 147 million in rural areas of Latin America and that it will be maintained and provided to the growing population in the years to come.

In addition, there is increasing awareness of the need to consider women in health and development. Provision of easy access to safe water supplies will release women for more productive labor. For adults in general, water-related diseases are known to have serious consequences in terms of time lost at work, less effective performance on the job, and therefore diminished earning capacity. Research on the impact of these consequences, however, has been very limited. Illness in children obviously disrupts their attendance at school and reduces their ability to concentrate and learn. It would therefore be of great interest if data quantifying these various consequences could be collected in the countries.

Even without precise data, it is evident that easily available, safe water supplies, together with basic sanitation, are major factors in the health and socioeconomic condition of the peoples of Latin America in that the dividends derived are disease prevention, reduction in lost labor, improved work efficiency, hospital cost savings, added tourism, and general promotion of rural development.

## SOLID WASTES

The management of solid wastes represents a growing problem in the Region and is liable to become even more acute with the imminent industrialization and projected population explosions. Moreover, the problem also implies greater threats to human health and the environment. Some health risks are indirectly linked to disease transmission through garbage-feeding insects, rodents, dogs, and pigs. Agricultural wastes—plants, animals, and synthetic materials—constitute threats, and livestock and poultry detritus, in particular, can become the breeding ground of disease-bearing flies and mosquitoes.

Most municipal sanitation services in the Region were organized decades ago when the populations served were considerably smaller than they are today. In 1960 only a few cities in Latin America had populations of more than one-half million, whereas there are 50 such cities now.

Open garbage dumping damages about 2,000 hectares of land at an annual estimated cost of US\$20 million. Some three million tons of solid wastes are emptied into the Latin American waterways which make them suspect for more productive purposes.

Garbage incineration results in a high percentage of air pollutants.

A little known statistic is the nearly one million persons in the Region—human scavengers and their families—for whom garbage is the only means of survival.

It has been estimated that each of the 1,200 Latin American towns and cities with more than 20,000 inhabitants generated some 137,000 tons of solid waste daily in 1980, and that in 1990 they may generate 230,000 tons a day—an increase of almost 70 per cent. The problem worsens in direct relation to the size of cities, since in Latin America towns with fewer than 20,000 inhabitants generate only 5 per cent of all urban waste.

Consequently, the demands on the health sector in Latin America, particularly in urban areas, are patently clear. The services needed to meet those demands—despite government efforts—are, however, insufficient: a high percentage of paved streets go uncleaned, a significant amount of urban garbage is not collected, and almost all cities of 20,000 or more inhabitants dispose of solid wastes in open dumps.

Another problem related to accelerated development is the production of hazardous and toxic wastes: these products, the result of industrialization and the use of technology in agriculture, are released into the environment and can injure man's health when he comes into contact with them. Such wastes are often impossible to break down and recycle naturally. Thousands of chemicals are presently in use and hundreds of new ones are marketed yearly, yet the use of only some 200 is subject to health-risk standards.

## FOOD PROTECTION

Adequate measures to protect food in Latin America are unfortunately lacking, and perhaps only a half-dozen countries have organized food protection programs. Nevertheless, increasing interest is being shown by governments of the Region in establishing such programs, for the most part because of two factors. First, morbidity and mortality from foodborne diseases continue to account for a significant percentage of the reported hospital discharges and deaths in most countries. And second, the increasing cost of food in domestic and world commerce has led to an awareness that reducing domestic food losses could help a country's balance of payments and lower the expenses of treating patients with foodborne infections and intoxications. The developing countries are producing less food (particularly nutritive protein),

than they are able to and are losing more than they should.

Completely aside from its nutritional aspects, it is not surprising that food serves as a means by which people can be exposed to toxic agents. Foods interact with the three basic environmental components: air, water, and soil, and thus may be contaminated with the chemical or biological agents they contain. In most countries of the Region, many foods arrive at the table after passing through a long chain of steps involved in production, processing, distribution, and marketing. Toxic agents have ample opportunities to enter the chain at one or more of these steps. Moreover, many foods provide excellent substrates for the growth and multiplication of dangerous microorganisms; once introduced, the organism may grow rapidly. Finally, man stands as the ultimate consumer at the head of many food chains and, because of biomagnification, may be exposed to toxic agents in concentrations in orders of magnitude greater than those to which other species lower down the chain are exposed. As a result of these and other factors, many of which are outside the health field, disease and death due to contaminated food are common in Latin America. Prominent among the illnesses are those of microbial origin (well-known as "food poisoning" episodes) but the increasing use of chemicals in food production and processing gives cause for alarm about chemical poisonings as well. The latter are made even more insidious because contamination may be very difficult to detect except through the use of sophisticated analytical procedures; the symptoms of disease may not appear for many years after exposure, and adverse effects may appear only in subsequent generations.

## POLLUTION

Water pollution is a major problem: only 5–10 per cent of sewage generated in the urban areas of Latin America is treated; the rest is discharged, untreated, into the water courses of the Region.

Air pollution is also a growing concern. In the 1950s the first attempts were made to measure possible contaminants, and the problem began to be discussed at conferences and in the media. Air quality deterioration became evident in several cities, including Santiago, São Paulo, and Mexico City. In Peru a regulation was enacted to control offensive odors from the fish flour industry, which was seriously affecting Lima and other coastal cities.

With this in mind, PAHO initiated the Pan Ameri-

can Air Pollution Sampling Network (REDPAN-AIRE) in 1967, which measured contaminants and standardized methods for that purpose. The pollutants in question were: settled and suspended particulate matter and sulfur dioxide. Among the findings of REDPANAIRES operations in over 100 stations in countries throughout the Region it was demonstrated that: 70 per cent of samples of settled particulate matter, 20 per cent of samples of suspended particulate matter, and 28 per cent of those of sulfur dioxide were above the recommended standard reference levels. These results represent merely a first approximation to an adequate understanding of the problem.

Soil pollution is also a problem of increasing magnitude, as discussed in the previous section on solid wastes.

## OCCUPATIONAL HEALTH

Hazards, accidents, and diseases are frequently encountered in the workplace, industry, agricultural operations, and mines, to mention only a few. Conditions of a chemical, physical, biological, and psychosocial nature contribute to the environmental stress affecting workers. The Latin American labor force is now estimated between 100 and 110 million workers, a fact which indicates that the importance of occupational health in the Region cannot be overemphasized. Unfortunately, and despite government efforts, the incidence of occupational accidents and diseases has been estimated to be 6–10 times greater in developing than in industrialized countries, with the consequent negative social and economic impact. Occupational diseases are also widespread and increasing. Studies carried out in various countries show that disability due to industrial accidents and occupational diseases may average 10 per cent of the annual gross national income of developing countries, including direct and indirect costs of bonuses, reduced working hours, extended leave, and early retirement. Since these losses are usually sporadic and isolated, their impact often goes unnoticed or unappreciated.

Problems related to occupational health in developing countries may be more serious than those of industrialized countries precisely because of the speed with which the development gap is being bridged. The extremely rapid rate of change in industrial development—projected to increase by four or five times—usually is not accompanied by a thorough understanding of health implications or disease and accident prevention and control. Moreover, not all such

occupational hazards result from misuse of new sophisticated equipment. Traditional tools are often involved; the machete, for instance, was shown in some studies to be responsible for over one-fifth of all occupational accidents in one Continental Middle American country. Pesticides, herbicides, and fungicides also pose increasingly serious problems of intoxication.

The health problems of workers should be considered from the broad perspective of human ecology, not within the narrow context of specific work-related risks of accidents and occupational diseases. In countries where unemployment exceeds 20 per cent of the active population and where demographic pressures require the creation of jobs, workers' health problems should be considered in terms of the unemployment/employment dynamic. In order to obtain a salary which provides at least the basic necessities of food, housing, clothing, and education, workers will tend to accept any occupational risk.

Not enough data are available on Latin American countries to make an adequate determination of the seriousness of the problem. Almost all the countries have institutions (often more than one) responsible for the protection of workers and the work environment.

No planning for occupational health and safety is possible without adequate knowledge of the problems involved. It is therefore essential to organize adequate statistical services, preferably under standards common to all countries, in order to determine the real extent of the social and economic damages and the actual efficiency of the programs established.

## HUMAN ECOLOGY AND HEALTH

At present, all countries in the Region lack sufficient information on the changing environment and its overall significance to the health and well-being of man and, what is more important and more difficult, with which to predict the health consequences of environmental change. This dearth of information, the raw material for ecological analysis, comes at a time when countries are experiencing unprecedented increases in population, resource exploitation, and technological development. Latin America is esti-

mated to have reached only 20 per cent of its potential industrial development, which means that considerable growth is yet to come. The magnitude of this growth degradation, with its adverse effects on human health and disruption of ecological balances, is a serious problem for the future in most Latin American countries.

Added to the complexity of environmental health problems are the long-term effects of exposure to chemical contaminants; synergistic effects of multiple chemical exposures; and the effects of noise, increased tempo, and similar stresses of city life. Other factors include the increasing mobility of populations, with consequent variety of exposures in a lifetime, together with the continuous addition of new synthetic substances to the environment.

Concomitant with increasing urbanization, industrialization, and changing lifestyles has been an increase in physiological and psychological disorders and non-communicable diseases such as cancers, cardiovascular disorders, and diseases of the respiratory tract. Such illnesses were once considered to be degenerative, constitutional, and nonpreventable. However, largely as a result of epidemiological studies, they are now considered to be at least partly environmentally determined, and have been acknowledged as such in the health for all strategies.

Adequate and timely information is essential to the formulation of environmental health criteria and the detection and early warning of environmental hazards. Also required is a critical appraisal of information collected from all available sources, with an analysis of the advantages and disadvantages of accepting or modifying certain criteria or suggested levels for environmental contaminants in terms of health effects on the population of the country involved.

Human ecology information systems, as such, do not exist. In the Region of the Americas, the structure of existing information in the various disciplines often lacks integrity and coherence, and relates—not always efficiently—to the style of development pursued, regardless of the need for a human ecological approach. The complexity of the information needed in human ecology implies the development of a system that will integrate the knowledge of numerous disciplines oriented to the solution of concrete problems such as those previously described.



## ANNEXES

Table I-1  
CENSUSES IN THE AMERICAS, AROUND 1970 AND 1980

Country	1970		1980	
	Date of census	Population	Date of census	Population
Antigua	7 IV 1970	65 525		
Argentina	30 IX 1970	23 362 204	22 IX 1980	27 862 771
Bahamas	7 IV 1970	175 192	12 V 1980	223 455
Barbados	7 IV 1970	237 701	12 V 1980	249 000
Belize	7 IV 1970	120 936	12 V 1980	144 857
Bermuda	29 X 1970	58 525	12 V 1980	67 761
Bolivia	29 IX 1976	4 687 718		
Brazil	1 IX 1970	92 341 556	1 IX 1980	119 098 992
Canada	1 VI 1971	21 568 310	1 VI 1976	22 992 605
Cayman Islands	7 IV 1970	10 460		
Chile	22 IV 1970	8 884 768		
Colombia	24 X 1973	22 551 811		
Costa Rica	14 IV 1973	1 871 780		
Cuba	6 IX 1970	8 569 121	2 IX 1981	9 706 369
Dominica	7 IV 1970	70 513	7 IV 1981	...
Dominican Republic	9 I 1970	4 006 405	I 1981	...
Ecuador	8 VI 1974	6 521 710		
El Salvador	7 VI 1971	3 554 648		
Falkland Islands	3 XII 1972	1 957	7 XII 1980	1 855
French Guiana	16 X 1974	55 125	4 IV 1981	...
Grenada	7 IV 1970	93 858	30 IV 1981	...
Guadeloupe	16 X 1974	324 530	4 III 1981	...
Guatemala	26 III 1973	5 160 221	26 III 1981	6 043 559
Guyana	7 IV 1970	701 885	12 V 1980	...
Haiti	31 VIII 1971	4 329 991		
Honduras	6 III 1974	2 656 948		
Jamaica	7 IV 1970	1 848 512		
Martinique	16 X 1974	324 832	1981	...
Mexico	28 I 1970	48 225 238	4 VI 1980	67 395 826
Montserrat	7 IV 1970	11 698	12 V 1980	12 073
Netherlands Antilles	31 XII 1971	218 390		
Nicaragua	20 IV 1971	1 877 952		
Panama	10 V 1970	1 428 082	11 V 1980	1 830 175
Paraguay	9 VII 1972	2 357 955		
Peru	4 VI 1972	13 538 208	12 VI 1981	17 031 221
Puerto Rico	1 IV 1970	2 712 033	1 IV 1980	3 187 570
St. Kitts-Nevis and Anguilla	7 IV 1970	64 000	12 V 1980	44 404 (a)
Saint Lucia	7 IV 1970	100 893		
St. Pierre and Miquelon	18 II 1974	5 840		
St. Vincent	7 IV 1970	87 305	12 V 1980	...
Suriname	31 XII 1971	384 903	VII 1980	325 041
Trinidad and Tobago	7 IV 1970	940 719	12 V 1980	1 059 825
Turks and Caicos Islands	29 X 1970	5 607	12 V 1980	7 436
United States	1 IV 1970	203 235 298	1 VI 1980	226 504 825
Uruguay	21 V 1975	2 781 778		
Venezuela	2 XI 1971	10 721 522	19 X - 20 XI 1981	...
Virgin Islands (U.K.)	7 IV 1970	9 825	12 V 1980	...
Virgin Islands (U.S.)	1 IV 1970	62 468	IV 1980	95 214

Sources: Demographic Yearbook, 1979 and Population and Vital Statistics Report, Vol. XXXIII, No. 3, 1981, United Nations.

(a) Excluding Anguilla.

Table I-2  
MIDYEAR POPULATION ESTIMATES (IN THOUSANDS) FOR COUNTRIES IN THE AMERICAS

Country	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
Antigua	66	67	68	69	70	70	71	72	74	75	75
Argentina	23 748	24 068	24 392	24 719	25 050	25 383	25 719	26 056	26 393	26 729	27 064
Bahamas	169	177	183	190	197	204	211	220	225	224	237
Barbados	238	239	240	243	244	245	247	255	265	251	253
Belize	120	124	128	132	136	140	144	149	153	158	162
Bermuda	52	52	53	55	55	56	57	57	58	59	60
Bolivia	4 931	5 063	5 195	5 331	5 470	4 890	5 020	5 150	5 286	5 425	5 600
Brazil	92 520	95 170	97 850	100 560	103 351	106 228	109 181	112 239	115 397	118 645	123 032
Canada	21 324	21 592	21 822	22 072	22 395	22 727	23 025	23 260	23 490	23 690	23 940
Cayman Islands	11	11	11	11	11	11	11	11	12	17	17
Chile	9 369	9 530	9 700	9 860	10 030	10 200	10 370	10 550	10 730	10 917	11 104
Colombia	20 527	21 088	21 668	22 343	22 981	23 644	24 333	25 048	25 645	26 360	27 090
Costa Rica	1 727	1 798	1 843	1 873	1 922	1 965	2 010	2 070	2 120	2 170	2 245
Cuba	8 551	8 692	8 862	9 036	9 194	9 332	9 464	9 596	9 690	9 775	9 833
Dominica	71	72	73	73	74	75	76	80	81	79	80
Dominican Republic	4 062	4 182	4 305	4 432	4 562	4 697	4 835	4 978	5 124	5 275	5 431
Ecuador	5 960	6 170	6 380	6 600	6 830	7 060	7 306	7 556	7 900	8 080	8 354
El Salvador	3 534	3 647	3 668	3 771	3 887	4 007	4 123	4 260	4 353	4 440	4 813
Falkland Islands	2	2	2	2	2	2	2	2	2	2	2
French Guiana	51	52	54	56	58	60	62	64	60	60	60
Grenada	94	94	95	110	100	110	110	110	110	110	98
Guadeloupe	327	320	320	330	330	330	330	320	320	319	334
Guatemala	5 270	5 420	5 580	5 740	6 050	6 240	6 430	6 630	6 840	7 046	7 260
Guyana	710	725	741	758	774	780	790	810	820	865	884
Haiti	4 235	4 315	4 368	4 440	4 514	4 584	4 668	4 749	4 833	4 919	5 010
Honduras	2 640	2 720	2 810	2 900	2 990	3 090	3 200	3 320	3 439	3 564	3 691
Jamaica	1 869	1 900	1 930	1 970	2 008	2 043	2 072	2 100	2 120	2 162	2 192
Martinique	320	341	330	330	330	320	320	320	330	315	327
Mexico	50 695	52 452	54 273	56 161	58 118	60 145	62 329	64 594	66 944	69 381	71 910
Montserrat	11	12	12	12	12	12	12	13	11	11	12
Netherlands Antilles	222	225	230	234	238	242	250	252	246	260	266
Nicaragua	1 833	1 889	1 954	2 015	2 084	2 155	2 233	2 312	2 410	2 644	2 703
Panama	1 478	1 523	1 569	1 586	1 625	1 664	1 700	1 738	1 785	1 825	1 840
Paraguay	2 300	2 360	2 430	2 500	2 572	2 647	2 720	2 804	2 888	2 973	3 070
Peru	13 447	13 830	14 220	14 630	15 040	15 470	15 910	16 358	16 819	17 293	17 780
Puerto Rico	2 716	2 775	2 866	2 951	3 031	3 121	3 213	3 320	3 358	3 410	3 438
St. Kitts-Nevis and Anguilla	64	65	65	65	65	66	66	66	67	67	67
St. Lucia	101	103	104	105	107	108	110	120	120	118	120
St. Pierre and Miquelon	5	5	5	5	5	5	5	6	6	6	6
St. Vincent	88	89	100	100	92	93	94	95	96	113	122
Suriname	371	370	370	370	370	360	370	370	374	381	390
Trinidad and Tobago	1 027	1 033	1 045	1 058	1 067	1 082	1 098	1 119	1 133	1 127	1 140
Turks and Caicos Islands	6	6	6	6	6	6	6	6	6	6	7
United States	203 984	206 827	209 284	211 357	213 342	215 465	217 563	219 760	222 095	224 567	227 158
Uruguay	2 750	2 921	2 780	2 790	2 800	2 810	2 830	2 846	2 864	2 878	2 899
Venezuela	10 280	10 612	10 939	11 280	11 632	11 993	12 361	12 737	13 122	13 515	13 913
Virgin Islands (UK)	10	10	10	11	11	11	12	12	12	13	13
Virgin Islands (US)	63	63	64	65	65	92	95	100	104	105	95
Northern America	225 365	228 476	231 164	233 489	235 798	238 253	240 650	243 083	245 649	248 322	251 164
Middle America	91 618	94 361	97 111	100 018	103 140	106 259	109 542	112 986	116 380	119 979	123 791
South America	186 966	191 960	196 721	201 798	206 960	211 527	216 974	222 589	228 300	234 124	241 242

Sources: Demographic Yearbook, 1978 and Monthly Bulletin of Statistics, Vol. XXXV, No. 11, November 1981, United Nations.

Table I-3  
 PERCENTAGE DISTRIBUTION OF POPULATION BY AGE AND SEX IN COUNTRIES OF THE  
 AMERICAS, 1980

Country	All ages		Under 5 years		5-14 years		15-24 years		25-44 years		45-64 years		65 years and over	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Argentina	49.9	50.1	5.1	4.9	9.2	8.9	8.5	8.2	13.5	13.2	9.7	10.1	3.8	4.8
Barbados	47.2	52.8	4.3	4.3	9.4	9.4	11.4	11.4	11.8	13.0	6.3	9.1	3.9	5.5
Bolivia	49.3	50.7	8.5	8.4	13.5	13.5	9.4	9.6	11.0	11.5	5.3	5.9	1.5	1.9
Brazil	49.9	50.1	8.0	7.8	12.9	12.7	9.8	9.7	11.8	12.0	5.8	5.9	1.6	1.9
Canada	49.8	50.2	4.0	3.8	7.9	7.6	10.1	9.7	14.6	14.0	9.4	9.7	4.0	4.1
Chile	49.5	50.5	9.1	9.9	13.0	13.2	9.4	9.5	11.3	11.4	5.3	5.6	1.3	1.5
Colombia	50.2	49.8	4.9	7.3	12.9	12.6	11.4	11.0	11.8	11.8	5.1	5.5	1.3	1.7
Costa Rica	50.4	49.6	6.6	6.4	12.6	12.1	11.6	11.3	12.2	12.1	5.5	5.6	1.8	1.9
Cuba	50.9	49.1	4.6	4.5	11.7	11.2	10.0	10.0	13.3	13.0	7.6	7.4	3.7	3.4
Dominican Republic	50.5	49.5	8.0	7.8	14.7	14.3	11.0	11.0	11.0	11.0	3.5	4.6	1.4	1.4
Ecuador	50.1	49.9	8.8	8.6	13.6	13.4	9.9	9.9	11.0	10.9	5.2	5.2	1.7	1.9
El Salvador	50.2	49.8	9.0	8.7	14.0	13.5	10.1	9.8	10.7	10.5	5.0	5.2	1.5	1.9
Guadeloupe	49.4	50.6	5.4	5.4	11.0	10.5	12.3	12.0	10.5	10.8	7.5	8.4	3.0	3.6
Guyana	50.0	50.0	7.1	7.0	13.1	12.9	11.7	11.4	11.0	11.2	5.7	5.7	1.7	2.0
Haiti	49.2	50.8	8.5	8.4	13.4	13.3	9.6	9.7	10.8	11.6	5.2	5.9	1.6	1.9
Honduras	50.1	49.9	9.7	9.6	14.4	14.2	9.6	9.5	10.3	10.2	4.9	4.9	1.3	1.4
Jamaica	49.0	51.0	6.5	6.3	14.0	13.7	11.8	11.7	8.1	9.1	6.0	6.8	2.7	3.3
Martinique	49.5	50.5	5.2	4.9	10.7	10.7	12.5	11.9	10.7	10.7	7.6	8.5	3.0	3.7
Mexico	50.3	49.7	9.1	8.8	14.0	13.5	10.1	9.8	10.8	10.8	4.7	4.9	1.6	1.9
Nicaragua	49.7	50.3	9.7	9.4	14.7	14.3	10.1	10.0	10.3	10.6	3.9	4.6	1.0	1.4
Panama	51.0	49.0	7.2	7.0	13.1	12.6	10.3	9.8	12.4	11.7	6.0	5.8	2.0	2.2
Paraguay	50.0	50.0	8.7	8.4	13.9	13.5	10.2	10.0	10.6	11.0	5.1	5.3	1.6	1.8
Puerto Rico	48.8	51.2	5.2	5.0	10.5	10.2	10.4	10.3	13.0	14.5	6.8	7.7	3.0	3.5
Suriname	48.1	51.9	8.5	8.7	17.2	17.0	11.8	12.1	3.3	6.9	5.1	5.4	1.8	2.1
Trinidad and Tobago	51.0	49.0	5.0	4.9	11.7	11.3	11.8	11.4	12.9	12.0	7.0	7.0	2.1	2.5
United States	48.7	51.3	3.7	3.5	7.8	7.5	9.4	9.2	13.8	14.1	9.5	10.3	4.6	5.1
Uruguay	49.2	50.8	4.8	4.6	9.0	8.8	8.2	8.1	12.2	12.4	10.5	11.1	4.5	5.8
Venezuela	50.3	49.7	8.1	7.8	13.0	10.6	10.6	12.6	11.3	11.4	5.6	5.5	1.6	1.7

Source: World population and its age-sex composition by country, 1950-2000: Demographic Estimation and Projection as assessed in 1978, United Nations, 1980.



Table I-4  
 PERCENTAGE OF THE FEMALE POPULATION 15-49 YEARS OF AGE IN THE AMERICAS,  
 BY COUNTRY, 1950-2000

Country	1950	1960	1970	1980	1990	2000
Argentina	54.1	51.2	49.8	48.3	48.4	49.6
Barbados	50.0	43.1	41.6	50.4	53.5	55.1
Bolivia	46.8	47.4	45.8	45.4	46.4	47.6
Brazil	47.9	46.2	46.5	47.1	48.2	49.7
Canada	50.5	47.2	48.9	53.1	53.3	51.9
Chile	48.1	47.0	47.5	51.7	52.5	52.4
Colombia	46.1	44.1	44.7	49.3	50.7	52.4
Costa Rica	46.1	42.8	44.0	50.9	53.3	53.5
Cuba	50.0	50.0	46.7	50.4	54.7	52.7
Dominican Republic	44.6	43.1	42.4	46.2	51.2	53.0
Ecuador	45.7	43.8	43.8	45.1	45.9	48.4
El Salvador	48.1	44.8	43.6	44.3	46.2	48.6
Guadeloupe	47.7	43.9	43.7	49.8	51.2	54.8
Guatemala	46.1	44.6	45.2	46.1	47.7	49.1
Guyana	46.7	42.3	41.9	48.7	53.3	57.2
Haiti	47.7	47.0	45.6	45.6	46.2	46.9
Honduras	47.3	45.6	43.3	42.8	45.3	48.2
Jamaica	51.9	45.9	38.5	44.7	52.1	56.8
Martinique	48.3	44.2	44.4	49.9	51.0	53.9
Mexico	46.0	43.6	43.5	44.7	45.4	47.6
Nicaragua	46.6	43.4	43.2	44.0	45.6	47.7
Panama	44.9	44.4	44.8	47.7	51.6	53.0
Paraguay	46.3	43.4	43.6	45.1	47.0	49.4
Peru	44.9	44.1	44.5	46.6	48.3	50.4
Puerto Rico	45.8	45.0	47.5	53.1	55.4	54.6
Suriname	45.4	41.4	39.8	39.7	44.9	49.8
Trinidad and Tobago	47.3	45.0	45.6	51.7	55.8	55.5
United States	50.9	45.6	46.7	50.5	50.8	49.4
Uruguay	51.5	50.5	48.7	46.4	46.2	47.6
Venezuela	46.5	43.8	43.6	47.9	49.0	51.8
Winward Islands (a)	47.3	41.9	38.1	40.1	45.4	52.2
Other Caribbean (b)	48.6	44.0	43.3	47.7	50.3	53.4
Northern America	50.9	45.8	46.9	50.7	51.1	49.7
Latin America	47.8	45.8	45.6	47.0	48.1	49.7
Caribbean	48.2	46.7	44.8	48.4	51.8	52.0
Continental Middle America	46.2	43.8	43.7	44.9	45.9	48.0
Temperate South America	52.4	50.1	49.1	49.1	49.4	50.3
Tropical South America	47.2	45.4	45.7	47.2	48.4	50.2

Source: Selected Demographic Indicators by Country, 1950-2000, United Nations, New York, 1980.

(a) Includes Dominica, Grenada, Saint Lucia and St. Vincent.

(b) Includes Antigua, Bahamas, Cayman Islands, Montserrat, Netherlands Antilles, St. Kitts-Nevis and Anguilla, Turks and Caicos Islands, British Virgin Islands and United States Virgin Islands.

Table I-5  
PERCENTAGE OF THE POPULATION UNDER 15 YEARS OF AGE IN THE AMERICAS,  
BY COUNTRY, 1950-2000

Country	1950	1960	1970	1980	1990	2000
Argentina	30.6	30.7	29.2	28.2	27.3	25.0
Barbados	33.2	38.1	37.5	27.8	25.5	23.3
Bolivia	42.5	41.9	43.7	43.8	42.5	41.2
Brazil	42.4	43.5	42.7	41.5	39.9	37.3
Canada	29.7	33.6	30.2	23.2	22.0	20.1
Chile	38.2	39.1	38.1	32.5	30.6	28.1
Colombia	43.3	46.8	46.1	40.4	38.4	35.2
Costa Rica	43.5	47.5	46.1	37.9	34.1	31.7
Cuba	36.2	34.4	37.1	32.0	25.9	25.1
Dominican Republic	44.8	47.8	49.0	44.8	38.8	35.5
Ecuador	41.7	44.4	45.3	44.4	43.9	41.3
El Salvador	42.2	45.1	46.1	45.1	43.4	40.6
Guadeloupe	39.5	43.2	42.8	32.1	28.8	24.6
Guatemala	44.3	46.2	45.7	44.1	41.8	39.5
Guyana	39.9	46.6	47.6	40.1	34.7	28.7
Haiti	39.5	40.9	42.9	43.6	43.6	43.4
Honduras	44.7	45.7	47.5	47.8	45.2	42.3
Jamaica	36.1	41.7	46.9	40.5	33.1	28.3
Martinique	37.4	42.3	41.4	31.6	28.0	24.4
Mexico	42.9	45.6	46.5	45.3	44.8	42.3
Nicaragua	44.1	47.8	48.5	48.0	46.5	44.0
Panama	41.6	44.0	43.3	39.8	34.7	31.5
Paraguay	42.4	45.9	46.0	44.3	42.7	39.7
Peru	41.1	43.6	44.3	42.5	40.8	38.0
Puerto Rico	43.3	42.8	37.0	30.8	26.6	23.2
Suriname	40.0	47.5	50.5	51.2	46.8	43.8
Trinidad and Tobago	40.4	43.0	41.2	33.0	26.5	24.0
United States	26.9	31.1	28.3	22.5	22.7	21.9
Uruguay	28.2	28.5	28.2	27.2	26.7	26.1
Venezuela	42.3	46.2	46.4	41.6	39.9	35.6
Winward Islands (a)	39.9	43.3	49.2	46.0	40.3	33.7
Other Caribbean (b)	37.6	42.5	42.3	38.4	34.7	29.8
Northern America	27.2	31.3	28.4	22.6	22.6	21.7
Latin America	40.6	42.5	42.7	40.9	39.5	37.1
Caribbean	39.1	40.2	41.7	37.5	33.3	31.7
Continental						
Middle America	43.0	45.8	46.4	45.2	44.1	41.7
Temperate						
South America	32.2	32.7	31.4	29.4	28.1	26.0
Tropical						
South America	42.4	44.3	43.7	41.7	40.1	37.3

Source: Selected Demographic Indicators by Country, 1950-2000, United Nations, 1980.

(a) Includes Dominica, Grenada, Saint Lucia and St. Vincent.

(b) Includes Antigua, Bahamas, Cayman Islands, Montserrat, Netherlands Antilles, St. Kitts-Nevis and Anguilla, Turks and Caicos Islands, British Virgin Islands and United States Virgin Islands.

Table II-1  
NUMBER OF DEATHS WITH RATES PER 1,000 POPULATION BY COUNTRY, 1960 AND 1970-1974

AREA	NUMBER						RATE					
	1960	1970	1971	1972	1973	1974	1960	1970	1971	1972	1973	1974
ANTIGUA	538	411	414	455	377	496	9.7	6.2	6.2	6.7	5.5	7.1
ARGENTINA	179266	222154	...	...	...	...	8.7	9.4	...	...	...	...
BAHAMAS	805	1054	948	1100	1180	1032	7.1	6.2	5.4	6.0	6.2	5.2
BARBADOS	2127	2064	2058	2108	2144	2113	9.1	8.7	8.6	8.8	8.8	8.7
BELIZE	717	797	618	669	777	721	7.9	6.6	5.0	5.2	5.9	5.3
BERMUDA	365	386	461	383	358	329	8.3	7.5	8.8	7.2	6.5	5.9
BOLIVIA	31969	29912	...	...	...	...	8.4	6.1	...	...	...	...
BRAZIL	...	...	...	...	...	...	...	...	...	...	...	...
CANADA	139693	155961	157272	162413	164039	166794	7.8	7.3	7.3	7.4	7.4	7.4
CAYMAN ISLANDS	54	59	67	68	76	68	6.3	5.4	6.1	6.2	6.9	6.2
CHILE	93625	83166	83240	88658	82988	78284	12.3	8.9	8.7	9.1	8.4	7.8
COLOMBIA	183102	134848	181645	160380	161701	163096	11.9	6.6	8.6	7.4	7.2	7.1
COSTA RICA	10063	11504	10575	10855	9702	9512	8.0	6.7	5.9	5.9	5.2	5.0
CUBA	43164	53385	52299	49447	51026	52909	6.1	6.2	6.0	5.6	5.6	5.8
DOMINICA	922	583	664	544	505	511	15.4	8.2	9.3	7.5	6.9	6.9
DOMINICAN REPUBLIC	27025	24925	25235	27538	26429	26294	8.9	6.1	6.0	6.4	6.0	5.8
ECUADOR	61054	60495	63906	67837	65867	64278	14.0	10.2	10.4	10.6	10.0	9.4
EL SALVADOR	28786	35129	28752	32419	31905	30533	11.7	9.9	7.9	8.8	8.5	7.9
FALKLAND ISLANDS	32	15	20	13	12	26	16.0	7.5	10.0	6.5	6.0	13.0
FRENCH GUIANA	451	361	419	397	411	385	13.7	7.1	8.1	7.4	7.3	6.6
GRENADA	1032	743	739	660	...	734	11.5	7.9	7.9	6.9	...	7.3
GUADELOUPE	2657	2499	2365	2500	2509	2401	9.7	7.6	7.4	7.8	7.6	7.3
GUATEMALA	65805	77333	75223	71561	69686	70557	17.3	14.7	13.9	12.8	12.1	11.7
GUYANA	5167	4788	5248	...	...	6161	9.5	6.7	7.2	...	...	8.0
HAITI	...	...	...	...	...	...	...	...	...	...	...	...
HONDURAS	18005	20285	20405	21545	20932	19298	9.7	7.7	7.5	7.7	7.2	6.5
JAMAICA	14321	13672	14437	13744	14157	14374	8.8	7.3	7.6	7.1	7.2	7.2
MARTINIQUE	2678	2538	2170	2280	2335	2296	9.4	7.9	6.4	6.9	7.1	7.0
MEXICO	402545	485656	458323	476206	458915	433104	11.5	9.6	8.7	8.8	8.2	7.5
MONTSERAT	141	121	123	144	107	131	11.6	10.8	10.7	12.1	9.1	10.7
NETHERLANDS ANTILLES	1039	1077	1111	1128	1061	...	5.4	4.9	4.9	4.9	4.5	...
NICARAGUA	12661	...	...	...	11729	10574	9.0	...	...	...	5.8	5.1
PANAMA	8827	10225	9857	9097	9173	9001	8.3	7.1	6.7	6.0	6.0	5.7
PARAGUAY A)	9467	12047	12964	11876	12354	12767	10.5	9.8	10.0	9.1	9.2	5.1
PERU	114605	112042	87335	92568	104843	...	11.4	8.3	6.3	6.5	7.2	...
PUERTO RICO	15791	18080	18144	19010	19257	19490	6.7	6.7	6.5	6.6	6.5	6.4
ST. KITTS-NEVIS AND ANGUILLA B)	764	488	439	541	525	510	13.5	10.6	9.3	11.3	10.8	10.8
ST. LUCIA	1281	862	804	971	840	829	14.9	8.5	7.8	9.3	8.0	7.7
ST. PIERRE AND MIQUELON	44	65	...	...	...	53	8.8	13.0	...	...	...	10.6
ST. VINCENT	1210	738	733	890	990	716	15.1	8.4	8.2	8.9	9.9	7.8
SURINAME	2144	2584	2640	2396	...	...	7.4	7.0	7.1	6.5	...	...
TRINIDAD AND TOBAGO	6608	6956	7044	6955	7517	6716	7.9	6.8	6.8	6.7	7.1	6.3
TURKS AND CAICOS ISLANDS	60	47	60	...	52	36	10.6	7.8	10.0	...	8.7	6.0
UNITED STATES	1711982	1921031	1927542	1963944	1973003	1934388	9.5	9.4	9.3	9.4	9.3	9.1
URUGUAY	22104	26441	28527	28327	28437	28289	8.7	9.6	5.8	10.2	10.2	10.1
VENEZUELA	55019	68549	70457	73548	76506	73801	7.5	6.7	6.6	6.7	6.8	6.3
VIRGIN ISLANDS (UK)	67	57	59	63	62	75	8.5	5.7	5.6	6.3	5.6	6.8
VIRGIN ISLANDS (US)	332	469	482	477	496	485	10.3	7.4	7.7	7.5	7.6	7.5
NORTHERN AMERICA	1852084	2077443	2085275	2126740	2137400	2101564	9.4	9.2	9.1	9.2	9.2	8.9
MIDDLE AMERICA	670025	771757	734148	752975	744464	715516	10.6	9.0	8.3	8.3	7.8	7.3
CARIBBEAN	122616	130828	130395	130623	131645	132216	7.4	6.5	6.4	6.3	6.2	6.1
CONTINENTAL	547409	640929	603753	622352	612819	583300	11.7	9.8	8.9	8.9	8.3	7.6
SOUTH AMERICA	758005	757402	536401	526000	533119	427087	10.3	8.1	8.1	7.8	7.7	7.6
TROPICAL	462978	425626	424614	409002	421682	320488	10.8	7.4	7.8	7.4	7.5	7.3
TEMPERATE	295027	331776	111787	116998	111437	106599	9.6	9.2	9.0	9.4	8.8	8.3

A) AREA OF INFORMATION.

B) DATA FOR 1970 THROUGH 1974 EXCLUDE ANGUILLA.

Table II-1  
NUMBER OF DEATHS WITH RATES PER 1,000 POPULATION, BY COUNTRY, 1975-1980

AREA	NUMBER						RATE					
	1975	1976	1977	1978	1979	1980	1975	1976	1977	1978	1979	1980
ANTIGUA	463	491	496	402	...	422	6.6	6.9	6.9	5.4	...	5.6
ARGENTINA	...	...	238887	233482	...	...	...	...	5.2	8.8	...	...
BAHAMAS	1023	974	1066	...	1240	1311	5.0	4.6	4.8	...	5.5	5.5
BARBADOS	2075	2343	2155	2050	2128	2012	8.5	9.5	8.5	7.7	8.5	8.0
BELIZE	723	871	759	...	651	...	5.2	6.0	5.1	...	4.1	...
BERMUDA	405	385	369	362	...	...	7.2	6.8	6.5	6.2	...	...
BOLIVIA	...	...	...	...	...	...	...	...	...	...	...	...
BRAZIL	...	...	...	...	...	...	...	...	...	...	...	...
CANADA	167176	167009	167498	168179	168183	...	7.4	7.3	7.2	7.2	7.1	...
CAYMAN ISLANDS	76	81	84	71	90	...	6.9	7.4	7.6	5.9	5.4	...
CHILE	74182	79389	73541	72321	74178	73710	7.3	7.7	7.0	6.7	6.8	6.6
COLOMBIA	153238	153962	145426	...	...	...	6.5	6.3	5.8	...	...	...
COSTA RICA	9615	9356	8907	8625	9143	...	4.9	4.7	4.3	4.1	4.2	...
CUBA	50961	52914	55967	54949	55164	56000	5.5	5.6	5.8	5.7	5.6	5.7
DOMINICA	484	536	532	417	...	...	6.5	7.1	6.7	5.1	...	...
DOMINICAN REPUBLIC	25541	25125	25009	23127	25757	...	5.4	5.2	5.0	4.5	4.9	...
ECUADOR	...	60669	59150	56601	...	...	...	8.3	7.8	7.2	...	...
EL SALVADOR	31960	30826	33009	30086	32936	...	8.0	7.5	7.7	6.9	7.4	...
FALKLAND ISLANDS	22	10	27	24	18	10	11.0	5.0	13.5	12.0	9.0	5.0
FRENCH GUIANA	404	...	468	467	438	...	6.7	...	7.3	7.8	7.3	...
GRENADA	687	751	806	765	739	721	6.2	6.8	7.3	7.0	6.7	7.4
GUADELOUPE	2310	2368	2265	2036	2136	...	7.0	7.2	7.1	6.4	6.7	...
GUATEMALA	76747	83127	66254	63998	71138	71360	12.3	12.9	10.0	9.4	10.1	9.8
GUYANA	5918	6246	5883	6000	...	...	7.6	7.9	7.3	7.3	...	...
HAITI	...	...	...	...	...	...	...	...	...	...	...	...
HONDURAS	19271	18168	18576	18127	18556	...	6.2	5.7	5.6	5.3	5.2	...
JAMAICA	14004	14635	14200	12484	...	...	6.9	7.1	6.8	5.9	...	...
MARTINIQUE	2190	...	2155	2196	...	...	6.8	...	6.7	6.7	...	...
MEXICO	435888	455660	...	...	...	...	7.2	7.3	...	...	...	...
MONTSERRAT	128	128	...	147	110	103	10.5	10.5	...	13.4	10.0	8.6
NETHERLANDS ANTILLES	...	...	...	...	...	...	...	...	...	...	...	...
NICARAGUA	11143	12349	12492	...	32206	...	5.2	5.5	5.4	...	12.2	...
PANAMA	8683	9006	8508	7512	8188	7959	5.4	5.4	5.0	4.3	4.6	4.3
PARAGUAY A)	12012	13202	12950	13015	13086	13059	8.3	8.8	8.2	7.9	7.6	7.4
PERU	91037	...	81216	81806	...	...	5.9	...	5.0	4.9	...	...
PUERTO RICO	19073	19893	19895	19574	20412	20412	6.1	6.2	6.0	5.8	6.0	5.9
ST. KITTS-NEVIS AND ANGUILLA B)	427	476	502	466	529	493	9.2	10.1	10.6	9.6	10.9	10.1
ST. LUCIA	858	856	817	790	848	...	7.9	7.8	6.8	6.6	7.2	...
ST. PIERRE AND MIQUELON	35	33	35	...	...	...	7.0	6.6	5.8	...	...	...
ST. VINCENT	...	...	774	742	693	...	...	...	8.1	7.7	6.1	...
SURINAME	2670	2593	2516	2730	2699	...	7.4	7.0	6.8	7.3	7.1	...
TRINIDAD AND TOBAGO	6899	7388	7311	7393	7600	...	6.4	6.7	6.5	6.5	6.7	...
TURKS AND CAICOS ISLANDS	54	...	...	...	34	...	9.0	...	...	...	5.7	...
UNITED STATES	1892879	1909440	1899597	1927788	1906000	1986000	8.8	8.8	8.6	8.7	8.5	8.7
URUGUAY	27437	28845	28919	28041	...	30592	9.8	10.2	10.2	9.8	...	10.6
VENEZUELA	74574	76668	74343	72470	73685	76834	6.2	6.2	5.8	5.5	5.5	5.5
VIRGIN ISLANDS (UK)	24	59	65	...	...	78	2.2	4.9	5.4	...	...	6.0
VIRGIN ISLANDS (US)	477	512	408	504	...	540	5.2	5.4	4.1	4.8	...	5.7
NORTHERN AMERICA	2060495	2076867	2067499	2096329	2074183	1986000	8.6	8.6	8.5	8.5	8.4	8.7
MIDDLE AMERICA	721784	748893	283012	256461	290298	161411	7.1	7.2	6.5	6.2	6.8	7.0
CARIBBEAN	127754	129530	134507	128113	117480	82092	5.8	5.9	5.9	5.6	5.6	5.8
CONTINENTAL	594030	619363	148505	128348	172818	79319	7.5	7.5	7.3	6.9	7.9	8.7
SOUTH AMERICA	441494	421584	723326	566957	164104	194205	6.6	7.0	7.0	7.0	6.2	6.5
TROPICAL	339853	313340	381952	233089	89908	89893	6.3	6.7	5.9	5.7	5.7	5.7
TEMPERATE	101641	108244	341374	333868	74196	104312	7.8	8.2	8.7	8.3	6.8	7.4

A) AREA OF INFORMATION. B) EXCLUDES ANGUILLA.



Table II-2  
NUMBER OF DEATHS (ICD-8th REVISION) FROM SPECIFIC CAUSES WITH CRUDE AND  
AGE-ADJUSTED DEATH RATES PER 100,000 POPULATION

CAUSE OF DEATH	ANTIGUA						ARGENTINA						
	1977		1978		1977		1978		1977		1978		
	NUMBER	CRUDE RATE	AGE-ADJ. RATE	NUMBER	CRUDE RATE	AGE-ADJ. RATE	NUMBER	CRUDE RATE	AGE-ADJ. RATE	NUMBER	CRUDE RATE	AGE-ADJ. RATE	
ALL CAUSES .....	496	688.9	528.2	402	543.2	403.5	238887	916.8	606.8	233482	884.6	575.4	
CHOLERA .....	000	-	-	-	-	-	-	-	-	-	-	-	
TYPHOID FEVER .....	001	-	-	-	-	-	39	0.1	0.1	27	0.1	0.1	
PARATYPHOID FEVER AND OTHER SALMONELLA INFECTIONS .....	002,003	-	-	-	-	-	34	0.1	0.1	16	0.1	0.1	
BACILLARY DYSENTERY AND AMEBIASIS .....	004,006	-	-	-	-	-	14	0.1	0.0	14	0.1	0.0	
ENTERITIS AND OTHER DIARRHEAL DISEASES .....	008,009	9	12.5	15.0	6	8.1	7.8	4069	15.6	19.4	3352	12.7	15.7
TUBERCULOSIS OF RESPIRATORY SYSTEM .....	010-012	2	2.8	2.9	-	-	1929	7.4	5.3	1661	6.3	4.3	
OTHER TUBERCULOSIS .....	013-019	2	2.8	3.9	-	-	310	1.2	1.2	298	1.1	1.1	
PLAGUE .....	020	-	-	-	-	-	-	-	-	-	-	-	
DIPHTHERIA .....	032	-	-	-	-	-	41	0.2	0.2	28	0.1	0.1	
WHOOPING COUGH .....	033	-	-	-	-	-	333	1.3	1.7	167	0.6	0.8	
STREPTOCOCCAL SORE THROAT AND SCARLET FEVER .....	034	-	-	-	-	-	3	0.0	0.0	-	-	-	
MENINGOCOCCAL INFECTION .....	036	-	-	-	-	-	152	0.6	0.8	105	0.4	0.5	
TETANUS .....	037	1	1.4	1.2	1	1.4	282	1.1	1.0	255	1.0	1.0	
ACUTE POLIOMYELITIS .....	040	-	-	-	-	-	-	-	-	1	0.0	0.0	
SMALLPOX .....	050	-	-	-	-	-	-	-	-	-	-	-	
MEASLES .....	055	-	-	-	-	-	694	2.7	3.8	231	0.9	1.2	
YELLOW FEVER .....	060	-	-	-	-	-	-	-	-	-	-	-	
VIRAL ENCEPHALITIS .....	062-065	-	-	-	-	-	59	0.2	0.1	45	0.2	0.2	
INFECTIOUS HEPATITIS .....	070	-	-	-	-	-	101	0.4	0.5	101	0.4	0.5	
RABIES .....	071	-	-	-	-	-	***	***	***	-	-	-	
TYPHUS AND OTHER RICKETTSIOSIS MALARIA .....	080-083	-	-	-	-	-	2	0.0	0.0	1	0.0	0.0	
TRYPANOSOMIASIS .....	086,087	-	-	-	-	-	985	3.8	2.3	1006	3.8	2.3	
SYPHILIS AND ITS SEQUELAE ALL OTHER INFECTIVE AND PARASITIC DISEASES .....	090-097	2	2.8	2.1	2	2.7	109	0.4	0.4	84	0.3	0.3	
MALIGNANT NEOPLASMS .....	140-209	68	94.4	68.8	56	75.7	55.6	38743	148.7	80.3	39631	150.2	80.9
BENIGN AND UNSPECIFIED NEOPLASMS .....	210-239	-	-	-	3	4.1	2.8	654	2.5	1.6	1108	4.2	2.6
DIABETES MELLITUS .....	240-249	16	22.2	15.8	20	27.0	20.6	5131	19.7	9.9	4876	18.5	9.3
AVITAMINOSIS AND OTHER NUTRITIONAL DEFICIENCY .....	260-269	9	12.5	7.5	8	10.8	14.5	2502	9.6	10.5	2212	8.4	8.4
OTHER ENDOCRINE AND METABOLIC DISEASES .....	270-279	1	1.4	0.8	1	1.4	0.9	373	1.4	1.1	384	1.5	1.1
ANEMIAS .....	280-285	7	9.7	9.3	8	10.8	10.4	519	2.0	1.4	555	2.1	1.5
OTHER DISEASES OF BLOOD AND BLOOD-FORMING ORGANS .....	286-289	-	-	-	-	-	241	0.9	0.8	216	0.8	0.7	
MENTAL DISORDERS .....	290-315	9	12.5	9.5	7	9.5	9.3	1043	4.0	2.6	1039	3.9	2.5
MENINGITIS .....	320	6	8.3	7.0	3	4.1	3.6	1412	5.4	6.4	1270	4.8	5.6
OTHER DISEASES OF NERVOUS SYSTEM AND SENSE ORGAN .....	321-389	13	18.1	17.6	7	9.5	7.1	1759	6.8	5.7	1599	6.1	5.1
ACUTE RHEUMATIC FEVER .....	390-392	-	-	-	-	-	18	0.1	0.1	50	0.2	0.2	
CHRONIC RHEUMATIC HEART DISEASE .....	393-398	2	2.8	2.1	2	2.7	2.3	930	3.6	2.2	795	3.0	1.9
HYPERTENSIVE DISEASE .....	400-404	41	56.9	33.6	28	37.8	24.6	3487	13.4	6.9	3353	12.7	6.5
ISCHEMIC HEART DISEASE .....	410-414	21	29.2	17.0	14	18.9	10.8	34909	134.0	66.4	33321	126.2	62.6
OTHER FORMS OF HEART DISEASE .....	420-429	33	45.8	35.8	20	27.0	16.7	25242	98.0	53.1	22759	105.2	57.5
CEREBROVASCULAR DISEASE .....	430-438	76	105.6	62.1	72	97.3	60.6	22675	87.0	44.2	22391	84.8	43.3
OTHER DISEASES OF CIRCULATORY SYSTEM .....	440-448	25	34.7	19.4	8	10.8	6.0	11189	42.9	20.8	11342	43.0	20.9
INFLUENZA .....	450-458	1	1.4	1.0	-	-	278	1.1	0.9	117	0.4	0.4	
PNEUMONIA .....	470-474	17	23.6	19.7	14	18.9	13.4	6891	26.4	24.3	6152	23.3	20.2
BRONCHITIS, EMPHYSEMA AND ASTHMA .....	490-493	7	9.7	7.5	2	2.7	2.0	2172	8.3	4.7	2035	7.7	4.4
OTHER DISEASES OF RESPIRATORY SYSTEM .....	460-466	4	5.6	5.9	4	5.4	6.2	4730	18.2	13.4	4848	18.4	12.9
PEPTIC ULCER .....	531-533	2	2.8	2.6	1	1.4	0.9	886	3.4	1.8	760	2.9	1.5
APPENDICITIS .....	540-543	1	1.4	1.7	-	-	181	0.7	0.5	176	0.7	0.5	
INTESTINAL OBSTRUCTION AND HERNIA .....	550-553	1	1.4	0.8	1	1.4	0.8	1524	5.8	3.4	1468	5.6	3.2
CIRRHOSIS OF LIVER .....	570	4	5.6	5.2	6	8.1	5.0	4624	17.7	10.5	4167	15.8	9.3
OTHER DISEASES OF DIGESTIVE SYSTEM .....	520-577	5	6.9	6.4	6	8.1	4.6	4396	16.9	10.2	4190	15.9	9.4
NEPHRITIS AND NEPHROSIS .....	580-584	2	2.8	0.7	-	-	2003	7.7	4.9	1906	7.2	4.5	
HYPERPLASIA OF PROSTATE .....	600	2	2.8	1.4	1	1.4	0.8	265	1.0	0.5	211	0.8	0.4
OTHER DISEASES OF GENITOURINARY SYSTEM .....	601-629	6	8.3	5.8	1	1.4	2.4	1923	7.4	4.4	2097	7.9	4.7
ABORTION .....	640-645	1	1.4	1.7	-	-	162	0.6	0.6	170	0.6	0.6	
OTHER COMPLICATIONS OF PREGNANCY CHILD BIRTH AND PUERPERIUM .....	630-639	1	1.4	1.5	1	1.4	2.2	443	1.7	1.6	392	1.5	1.4
CONGENITAL ANOMALIES .....	650-678	4	5.6	8.8	2	2.7	2.4	3010	11.6	14.2	2926	11.1	13.7
BIRTH INJURY, DYSTOCIA AND OTHER HYPOXIC CONDITIONS .....	740-759	1	1.4	2.2	2	2.7	0.0	4892	18.8	23.3	5113	19.4	23.7
OTHER CAUSES OF PERINATAL MORTALITY .....	760-779	27	37.5	59.6	26	35.1	35.3	5083	19.5	24.3	5163	19.6	23.9
SYMPTOMS AND ILL-DEFINED CONDITIONS .....	780-796	46	63.9	36.6	38	51.4	33.4	11565	44.4	33.8	10116	38.3	29.0
ALL OTHER DISEASES .....	800-830	6	8.3	5.4	7	9.5	7.4	773	3.0	2.0	843	3.2	2.1
OTOR VEHICLE ACCIDENTS .....	E810-E823	1	1.4	1.7	-	-	-	4186	16.1	13.4	3853	14.6	12.1
ALL OTHER ACCIDENTS .....	E825-E849	6	8.3	9.5	6	8.1	7.7	7295	28.0	24.1	7530	28.5	24.8
SUICIDE .....	E950-E959	-	-	-	-	-	-	2026	7.8	5.9	2099	8.0	5.9
HOMICIDE, LEGAL INTERVENTION AND OPERATIONS OF WAR .....	E960-E978	1	1.4	1.2	-	-	-	2473	9.5	7.8	1561	5.9	5.0
INJURY UNKNOWN WHETHER ACCIDENTALLY OR PURPOSELY INFLICTED .....	E980-E989	7	9.7	9.9	17	23.0	20.7	2625	10.1	8.3	2515	9.5	7.8

Table II-2  
NUMBER OF DEATHS (ICD-8th REVISION) FROM SPECIFIC CAUSES WITH CRUDE AND AGE-ADJUSTED DEATH RATES PER 100,000 POPULATION

BAHAMAS													
CAUSE OF DEATH	1974		1975		1976		1977						
	NUMBER	CRUDE RATE	AGE-ADJ. RATE	NUMBER	CRUDE RATE	AGE-ADJ. RATE	NUMBER	CRUDE RATE	AGE-ADJ. RATE				
ALL CAUSES .....	1032	523.9	552.6	1023	501.4	545.9	974	461.6	477.0	1066	484.5	511.5	
CHOLERA .....	000	-	-	-	-	-	-	-	-	-	-	-	
TYPHOID FEVER .....	001	2	1.0	1.2	-	-	1	0.5	0.4	-	-	-	
PARATYPHOID FEVER AND OTHER SALMONELLA INFECTIONS .....	002,003	A)...	...	A)...	...	...	A)...	...	...	A)...	...	...	
BACILLARY DYSENTERY AND AMEBIASIS .....	004,006	-	-	-	-	-	-	-	-	-	-	-	
ENTERITIS AND OTHER DIARRHEAL DISEASES OF RESPIRATORY SYSTEM .....	008,009	18	9.1	11.2	19	9.3	13.8	28	13.3	15.1	19	8.6	10.7
OTHER TUBERCULOSIS .....	010-012	12	6.1	6.1	9	4.4	4.8	8	3.8	3.8	4	1.8	2.1
PLAGUE .....	013-019	1	0.5	0.5	4	2.0	2.1	2	0.9	1.1	1	0.5	0.5
DIPHTHERIA .....	020	1	0.5	0.5	-	-	-	-	-	-	-	-	
WHOOPING COUGH .....	032	-	-	-	-	-	-	-	-	-	-	-	
STREPTOCOCCAL SORE THROAT AND SCARLET FEVER .....	034	-	-	-	-	-	-	-	-	-	-	-	
MENINGOCOCCAL INFECTION .....	036	-	-	-	-	-	-	-	-	-	-	-	
TETANUS .....	037	A)...	...	A)...	...	...	A)...	...	...	A)...	...	...	
ACUTE POLIOMYELITIS .....	040-043	-	-	-	1	0.5	0.5	-	-	-	-	-	
SMALL POX .....	050	-	-	-	-	-	-	-	-	-	-	-	
MEASLES .....	059	-	-	-	-	-	-	-	-	-	-	-	
YELLOW FEVER .....	060	A)...	...	A)...	...	...	A)...	...	...	A)...	...	...	
VIRAL ENCEPHALITIS .....	062-065	A)...	...	A)...	...	...	A)...	...	...	A)...	...	...	
INFECTIOUS HEPATITIS .....	070	A)...	...	A)...	...	...	A)...	...	...	A)...	...	...	
RABIES .....	090-097	A)...	...	A)...	...	...	A)...	...	...	A)...	...	...	
TYPHUS AND OTHER RICKETTSIOSSES .....	080-083	-	-	-	-	-	-	-	-	-	-	-	
MALARIA .....	084	-	-	-	-	-	-	-	-	-	-	-	
TRYPANOSOMIASIS .....	086,087	A)...	...	A)...	...	...	A)...	...	...	A)...	...	...	
SYPHILIS AND ITS SEQUELAE .....	088-099	1	0.5	0.5	-	-	1	0.5	0.5	1	0.5	0.5	
ALL OTHER INFECTIVE AND PARASITIC DISEASES .....	100-136	16	8.1	8.5	13	6.4	7.2	10	4.7	4.9	6	2.7	2.9
BENIGN AND UNSPECIFIED MALIGNANT NEOPLASMS .....	140-209	108	54.8	55.7	136	66.7	67.2	126	59.7	60.2	150	68.2	67.1
NEOPLASMS .....	210-239	6	3.0	3.0	7	3.4	3.5	3	1.4	1.4	3	1.4	1.3
DIABETES MELLITUS .....	250	21	10.7	10.8	28	13.7	13.9	29	13.7	13.8	25	11.4	11.5
AVITAMINOSIS AND OTHER NUTRITIONAL DEFICIENCY .....	260-269	6	3.0	3.0	5	2.5	2.7	8	3.8	4.1	8	3.6	4.0
OTHER ENDOCRINE AND METABOLIC DISEASES .....	270-279	B)...	...	B)...	...	...	B)...	...	...	B)...	...	...	
ANEMIAS .....	280-285	6	3.0	3.3	7	3.4	3.3	4	1.9	2.0	4	1.8	1.8
OTHER DISEASES OF BLOOD AND BLOOD-FORMING ORGANS .....	286-289	B)...	...	B)...	...	...	B)...	...	...	B)...	...	...	
MENTAL DISORDERS .....	290-315	10	5.1	6.4	5	2.5	2.7	8	3.8	3.7	4	1.8	1.9
MENINGITIS .....	320	B)...	...	B)...	...	...	B)...	...	...	B)...	...	...	
OTHER DISEASES OF NERVOUS SYSTEM AND SENSE ORGANS .....	321-389	B)...	...	B)...	...	...	B)...	...	...	B)...	...	...	
ACTIVE RHEUMATIC FEVER .....	390-392	4	2.0	2.0	2	1.0	1.0	2	0.9	0.9	1	0.5	0.4
CHRONIC RHEUMATIC HEART DISEASE .....	393-398	8	4.1	4.1	7	3.4	3.5	7	3.4	3.4	5	2.3	2.3
HYPERTENSIVE DISEASE .....	400-404	21	10.7	10.6	22	10.8	10.8	23	10.9	11.1	50	25.7	25.8
ISCHEMIC HEART DISEASE .....	410-414	75	38.1	38.5	76	37.3	37.6	67	31.8	32.0	100	45.6	45.9
OTHER FORMS OF HEART DISEASE .....	420-429	61	31.0	31.3	60	29.4	29.4	62	29.4	29.9	49	22.3	22.9
CEREBROVASCULAR DISEASE .....	430-438	111	56.3	56.8	94	46.1	46.7	84	39.8	40.2	88	40.0	40.2
OTHER DISEASES OF CIRCULATORY SYSTEM .....	440-448	B)...	...	B)...	...	...	B)...	...	...	B)...	...	...	
INFLUENZA .....	450-458	1	0.5	0.5	2	1.0	1.1	1	0.5	0.5	1	0.5	0.4
PNEUMONIA .....	470-474	69	35.0	39.7	60	29.4	36.4	53	25.1	27.5	66	30.0	33.4
BRONCHITIS, EMPHYSEMA AND ASTHMA .....	490-493	19	9.6	10.2	23	11.3	11.9	15	7.1	7.3	14	6.4	6.6
OTHER DISEASES OF RESPIRATORY SYSTEM .....	500-519	B)...	...	B)...	...	...	B)...	...	...	B)...	...	...	
PEPTIC ULCER .....	531-533	4	2.0	2.3	1	0.5	0.5	1	0.5	0.5	1	0.5	0.4
APPENDICITIS .....	540-543	2	1.0	1.2	1	0.5	0.5	1	0.5	0.5	1	0.5	0.4
INTESTINAL OBSTRUCTION AND HERNIA .....	550-553	7	3.6	4.0	5	2.5	2.7	3	1.4	1.4	2	0.9	0.9
CIRRHOSIS OF LIVER .....	571	44	22.3	22.8	31	15.2	15.4	29	13.7	13.9	41	18.6	18.9
OTHER DISEASES OF DIGESTIVE SYSTEM .....	580-584	B)...	...	B)...	...	...	B)...	...	...	B)...	...	...	
NEPHRITIS AND NEPHROSIS .....	590-599	5	2.5	2.6	7	3.4	3.5	9	4.3	4.1	6	2.7	2.8
HYPERPLASIA OF PROSTATE .....	600	2	1.0	1.2	1	0.5	0.5	-	-	-	-	-	
OTHER DISEASES OF GENITOURINARY SYSTEM .....	601-629	B)...	...	B)...	...	...	B)...	...	...	B)...	...	...	
ABORTION .....	640-645	-	-	-	-	-	-	-	-	-	-	-	
OTHER COMPLICATIONS OF PREGNANCY .....	650-659	5	2.5	2.8	2	1.0	1.1	4	1.9	2.3	2	0.9	0.9
CHILD BIRTH AND PUERPERIUM .....	660-678	18	9.1	11.9	15	7.4	10.3	17	8.1	9.8	8	3.6	5.1
CONGENITAL ANOMALIES .....	740-759	-	-	-	-	-	-	-	-	-	-	-	
BIRTH INJURY, DYSTOCIA AND OTHER HYPOXIC CONDITIONS .....	764-768	11	5.6	7.9	17	8.3	12.7	16	7.6	9.4	25	11.4	16.2
OTHER CAUSES OF PERINATAL MORTALITY .....	772-776	20	10.2	14.0	32	15.7	25.0	29	13.7	17.1	50	22.7	32.2
SYMPTOMS AND ILL-DEFINED CONDITIONS .....	780-796	68	34.5	36.1	78	38.2	42.4	91	43.1	44.0	74	33.6	34.4
ALL OTHER DISEASES .....	800-807	123	62.4	65.4	124	60.8	64.6	125	59.2	59.6	131	59.5	60.4
MOTOR VEHICLE ACCIDENTS .....	E810-E823	29	14.7	15.0	22	10.8	11.2	31	14.7	14.6	14	6.4	6.3
ALL OTHER ACCIDENTS .....	E800-E807	75	38.1	39.5	62	30.4	32.5	42	19.9	20.1	73	33.2	34.6
SUICIDE .....	E950-E959	-	-	-	1	0.5	0.5	-	-	-	-	-	
HOMICIDE, LEGAL INTERVENTION AND OPERATIONS OF WAR .....	E960-E978	C)...	...	C)...	...	...	C)...	...	...	C)...	...	...	
INJURY UNKNOWN WHETHER ACCIDENTALLY OR PURPOSELY INFLECTED .....	E980-E989	42	21.3	21.6	44	21.6	22.0	36	17.1	16.9	37	16.8	17.4

A) INCLUDED IN THE RESIDUAL CATEGORY OF ALL OTHER INFECTIVE AND PARASITIC DISEASES. B) INCLUDED IN THE RESIDUAL CATEGORY OF ALL OTHER DISEASES. C) INCLUDED IN GROUP OF INJURY UNKNOWN WHETHER ACCIDENTALLY OR PURPOSELY INFLECTED.

Table II-2  
NUMBER OF DEATHS (ICD-8th REVISION) FROM SPECIFIC CAUSES WITH CRUDE AND  
AGE-ADJUSTED DEATH RATES PER 100,000 POPULATION

CAUSE OF DEATH	BAHAMAS (CONT.)			BARBADOS			BELIZE						
	1979		AGE- ADJ. RATE	1977		AGE- ADJ. RATE	1978		AGE- ADJ. RATE	1977		AGE- ADJ. RATE	
	NUMBER	CRUDE RATE		NUMBER	CRUDE RATE		NUMBER	CRUDE RATE		NUMBER	CRUDE RATE		
ALL CAUSES .....	1240	553.6	587.3	2155	846.8	481.8	2050	773.0	457.0	759	509.4	438.2	
CHOLERA .....	000	-	-	-	-	-	-	-	-	-	-	-	
TYPHOID FEVER .....	001	-	-	-	-	-	-	-	-	-	-	-	
PARATYPHOID FEVER AND OTHER SALMONELLA INFECTIONS .....	002,003	-	-	-	-	-	-	-	-	-	-	-	
BACILLARY DYSENTERY AND AMEBIASIS .....	004,006	-	-	-	-	-	-	-	-	-	-	-	
ENTERITIS AND OTHER DIARRHEAL DISEASES .....	008,009	25	11.2	14.0	12	4.7	4.1	5	1.9	2.0	78	52.3	42.2
TUBERCULOSIS OF RESPIRATORY SYSTEM .....	010-012	5	2.2	2.2	5	2.0	1.1	2	0.8	0.6	13	8.7	10.3
OTHER TUBERCULOSIS .....	013-019	2	0.9	0.9	-	-	-	-	-	-	1	0.7	0.6
PLAGUE .....	020	-	-	-	-	-	-	-	-	-	-	-	
DIPHTHERIA .....	032	-	-	-	-	-	-	-	-	-	-	-	
WHOOPING COUGH .....	033	-	-	-	-	-	-	-	-	-	6	4.0	3.4
STREPTOCOCCAL SORE THROAT AND SCARLET FEVER .....	034	-	-	-	1	0.4	0.4	-	-	-	-	-	
MENINGOCOCCAL INFECTION .....	036	-	-	-	5	2.0	1.0	3	1.1	0.6	2	1.3	1.5
TETANUS .....	037	3	1.3	1.3	3	1.3	1.0	3	1.1	0.6	2	1.3	1.5
ACUTE POLIOMYELITIS .....	040-043	-	-	-	-	-	-	-	-	-	-	-	
SMALLPOX .....	050	-	-	-	-	-	-	-	-	-	-	-	
MEASLES .....	055	-	-	-	1	0.4	0.3	-	-	-	-	-	
YELLOW FEVER .....	060	-	-	-	-	-	-	-	-	-	-	-	
VIRAL ENCEPHALITIS .....	062-065	-	-	-	-	-	-	-	-	-	-	-	
INFECTIOUS HEPATITIS .....	070	-	-	-	2	0.8	0.8	-	-	-	2	1.3	1.4
RABIES AND OTHER RICKETTSIOSSES TYPHUS AND OTHER RICKETTSIOSSES .....	080-083	-	-	-	-	-	-	-	-	-	-	-	
MALARIA .....	084	1	0.4	0.5	-	-	-	-	-	-	1	0.7	0.6
TRYPANOSOMIASIS .....	086,087	-	-	-	4	1.6	0.6	2	0.8	0.5	-	-	
SYPHILIS AND ITS SEQUELAE .....	090-097	-	-	-	-	-	-	-	-	-	-	-	
ALL OTHER INFECTIVE AND PARASITIC DISEASES .....	100-136	9	4.0	4.2	33	13.0	18.2	32	12.1	14.3	12	8.1	7.6
MALIGNANT NEOPLASMS .....	140-209	158	70.5	71.3	319	125.3	63.8	344	129.7	65.3	45	30.2	29.1
BENIGN AND UNSPECIFIED NEOPLASMS .....	210-239	6	2.7	2.7	4	1.6	0.8	11	4.1	3.2	3	2.0	1.1
DIABETES MELLITUS .....	250	17	7.6	7.7	129	50.7	22.6	113	42.6	18.2	15	10.1	8.9
AVITAMINOSES AND OTHER NUTRITIONAL DEFICIENCY .....	260-269	8	3.6	3.7	22	8.6	3.3	13	4.9	4.5	16	10.7	9.6
OTHER ENDOCRINE AND METABOLIC DISEASES .....	270-279	3	1.3	1.5	4	1.6	1.6	4	1.5	0.7	2	1.3	0.6
ANEMIAS .....	280-285	6	2.7	2.6	11	4.3	2.6	7	2.6	1.4	2	1.3	0.6
OTHER DISEASES OF BLOOD AND BLOOD-FORMING ORGANS .....	286-289	-	-	-	-	-	-	1	0.4	0.7	2	1.3	1.1
MENTAL DISORDERS .....	290-315	27	12.1	12.4	9	3.5	1.5	14	5.3	2.3	1	0.7	0.8
MENINGITIS .....	320	7	3.1	3.2	6	2.4	2.3	7	2.6	2.0	1	0.7	0.5
OTHER DISEASES OF THE NERVOUS SYSTEM AND SENSE ORGANS .....	321-389	9	4.0	4.2	27	10.6	8.6	26	9.8	6.2	7	4.7	4.8
ACTIVE RHEUMATIC FEVER .....	390-392	3	1.3	1.5	2	0.8	0.3	4	1.5	0.8	1	0.7	1.0
CHRONIC RHEUMATIC HEART DISEASE 393-398	393-398	28	12.5	12.6	92	36.1	16.1	66	24.9	10.8	21	14.1	12.2
HYPERTENSIVE DISEASE .....	400-404	51	22.8	23.1	255	100.2	48.3	243	91.6	43.8	35	23.5	20.6
ISCHEMIC HEART DISEASE .....	410-414	81	36.2	36.9	168	66.0	28.7	137	51.7	23.1	23	15.4	14.0
OTHER FORMS OF HEART DISEASE .....	420-429	87	38.8	39.2	277	108.8	47.1	298	112.4	47.5	39	26.2	21.7
CEREBROVASCULAR DISEASE ARTERY .....	430-438	41	18.3	18.6	140	55.0	22.9	127	47.9	22.0	15	10.1	8.7
OTHER DISEASES OF CIRCULATORY SYSTEM .....	440-448	127	56.7	61.1	140	55.0	37.8	101	38.1	33.4	33	22.1	17.9
INFLUENZA .....	470-474	9	4.0	4.1	33	13.0	6.9	26	9.8	5.7	12	8.1	7.3
PNEUMONIA .....	480-486	38	17.0	16.8	35	13.8	8.8	20	7.5	4.5	17	11.4	9.9
BRONCHITIS, EMPHYSEMA AND ASTHMA .....	490-493	1	0.4	0.4	-	-	-	2	0.8	0.5	1	0.7	0.7
OTHER DISEASES OF RESPIRATORY SYSTEM .....	500-519	6	2.7	2.8	14	5.5	2.8	16	6.0	4.0	5	3.4	3.2
PEPTIC ULCER .....	531-533	45	20.1	20.7	19	7.5	5.7	19	7.2	4.8	8	5.4	5.6
APPENDICITIS .....	540-543	1	0.4	0.4	-	-	-	2	0.8	0.5	1	0.7	0.7
INTESTINAL OBSTRUCTION AND HERNIA .....	550-553	6	2.7	2.8	14	5.5	2.8	16	6.0	4.0	5	3.4	3.2
CIRRHOSIS OF LIVER .....	570	45	20.1	20.7	19	7.5	5.7	19	7.2	4.8	8	5.4	5.6
OTHER DISEASES OF DIGESTIVE SYSTEM .....	580-577	32	14.5	14.5	23	9.0	6.1	41	15.5	8.7	2	1.3	1.4
NEPHRITIS AND NEPHROSIS .....	580-584	5	2.2	2.2	15	5.9	4.0	22	8.3	5.5	4	2.7	2.5
HYPERPLASIA OF PROSTATE .....	600	1	0.4	0.4	4	1.6	0.7	1	0.4	0.2	1	0.7	0.0
OTHER DISEASES OF GENITOURINARY SYSTEM .....	590-599	20	8.9	9.3	34	13.4	5.5	17	6.4	3.7	4	2.7	1.9
ABORTION .....	640-645	-	-	-	2	0.8	0.7	1	0.4	0.5	-	-	-
OTHER COMPLICATIONS OF PREGNANCY CHILD BIRTH AND PUERPERIUM .....	630-639	2	0.9	0.9	5	2.0	2.0	2	0.8	0.8	2	1.3	1.6
CONGENITAL ANOMALIES .....	650-678	24	10.7	13.9	20	7.9	12.2	18	6.8	12.5	2	1.3	1.1
BIRTH INJURY, DYSSTICIA AND OTHER HYPOXIC CONDITIONS .....	740-759	35	15.6	20.4	17	6.7	12.0	34	12.8	24.8	18	12.1	9.9
OTHER CAUSES OF PERINATAL MORTALITY .....	772-776	70	31.3	40.9	28	11.0	19.7	26	9.8	19.0	57	38.3	29.6
SYMPTOMS AND ILL-DEFINED CONDITIONS .....	780-796	70	31.3	32.7	84	33.0	16.0	70	26.4	12.3	190	127.5	104.9
ALL OTHER DISEASES .....	800-738	7	3.1	3.3	32	12.6	5.5	38	14.3	6.2	3	2.0	2.2
MOTOR VEHICLE ACCIDENTS .....	E810-E823	45	20.1	20.3	23	9.0	8.5	33	12.4	10.4	-	-	-
ALL OTHER ACCIDENTS .....	E800-E807	85	37.9	39.1	42	16.5	12.1	56	21.1	15.2	52	34.9	32.3
SUICIDE .....	E825-E849	2	0.9	0.9	4	1.6	1.7	9	3.4	3.1	-	-	-
HOMICIDE, LEGAL INTERVENTION AND OPERATIONS OF WAR .....	E900-E978	35	15.6	16.3	9	3.5	3.4	9	3.4	3.3	-	-	-
INJURY UNKNOWN WHETHER ACCIDENTALLY OR PURPOSELY INFLECTED .....	E980-E989	4	1.8	1.9	11	4.3	4.7	6	2.3	3.0	1	0.7	0.5

Table II-2  
 NUMBER OF DEATHS (ICD-8th REVISION) FROM SPECIFIC CAUSES WITH CRUDE AND  
 AGE-ADJUSTED DEATH RATES PER 100,000 POPULATION

CAUSE OF DEATH	BELIZE (CONT.)						BERMUDA						
	1979		1976		1977		1978						
	NUMBER	CRUDE RATE	AGE-ADJ. RATE	NUMBER	CRUDE RATE	AGE-ADJ. RATE	NUMBER	CRUDE RATE	AGE-ADJ. RATE	NUMBER	CRUDE RATE	AGE-ADJ. RATE	
ALL CAUSES .....	651	412.0	358.8	385	675.4	469.8	369	647.4	460.4	362	624.1	379.4	
CHOLERA .....	-	-	-	-	-	-	-	-	-	-	-	-	
TYPHOID FEVER .....	-	-	-	-	-	-	-	-	-	-	-	-	
PARATYPHOID FEVER AND OTHER .....	-	-	-	-	-	-	-	-	-	-	-	-	
SALMONELLA INFECTIONS .....	002,003	-	-	-	-	-	-	-	-	-	-	-	
BACILLARY DYSENTERY AND .....	-	-	-	-	-	-	-	-	-	-	-	-	
AMEBIASIS .....	004,006	-	-	-	-	-	-	-	-	-	-	-	
ENTERITIS AND OTHER DIARRHEAL .....	-	-	-	-	-	-	-	-	-	-	-	-	
DISEASES OF RESPIRATORY .....	008,009	67	42.4	34.4	1	1.8	3.7	-	-	-	-	-	
TUBERCULOSIS .....	-	-	-	-	-	-	-	-	-	-	-	-	
SYSTEM .....	010-012	12	7.6	6.5	1	1.8	0.9	-	-	-	-	-	
OTHER TUBERCULOSIS .....	013-019	1	0.6	0.7	-	-	-	-	-	-	-	-	
PLAGUE .....	086,020	-	-	-	-	-	-	-	-	-	-	-	
DIPHTHERIA .....	052	-	-	-	-	-	-	-	-	-	-	-	
WHOOPING COUGH .....	033	-	-	-	-	-	-	-	-	-	-	-	
STREPTOCOCCAL SORE THROAT AND .....	-	-	-	-	-	-	-	-	-	-	-	-	
SCARLET FEVER .....	034	-	-	-	-	-	-	-	-	-	-	-	
MENINGOCOCCAL INFECTION .....	036	-	-	-	-	-	-	-	-	1	1.7	0.8	
TETANUS .....	037	-	-	-	-	-	-	-	-	-	-	-	
ACUTE POLIOMYELITIS .....	040-043	-	-	-	-	-	-	-	-	-	-	-	
SMALLPOX .....	050	-	-	-	-	-	-	-	-	-	-	-	
MEASLES .....	055	-	-	-	-	-	-	-	-	-	-	-	
YELLOW FEVER .....	060	-	-	-	-	-	-	-	-	-	-	-	
VIRAL ENCEPHALITIS .....	062-065	3	1.9	1.8	-	-	-	-	-	-	-	-	
INFECTIOUS HEPATITIS .....	070	1	0.6	0.7	-	-	-	-	-	-	-	-	
RABIES .....	071	-	-	-	-	-	-	-	-	-	-	-	
TYPHUS AND OTHER RICKETTSIOSIS .....	080-083	-	-	-	-	-	-	-	-	-	-	-	
MALARIA .....	084	-	-	-	-	-	-	-	-	-	-	-	
TRYPANOSOMIASIS .....	087	-	-	-	-	-	-	-	-	-	-	-	
SYPHILIS AND ITS SEQUELAE .....	090-097	-	-	-	-	-	-	-	-	-	-	-	
ALL OTHER INFECTIVE AND .....	-	-	-	-	-	-	-	-	-	-	-	-	
PARASITIC DISEASES .....	000-136	3	1.9	1.6	-	-	-	-	-	-	-	-	
MALIGNANT NEOPLASMS .....	140-209	30	19.0	17.8	85	149.1	92.2	91	159.6	102.3	74	127.6	68.9
BENIGN AND UNSPECIFIED .....	-	-	-	-	-	-	-	-	-	-	-	-	
NEOPLASMS .....	210-239	-	-	-	-	-	-	-	-	-	-	-	
DIABETES MELLITUS .....	250	14	8.9	8.8	14	24.6	14.0	27	47.4	27.1	22	37.9	20.2
AVITAMINOSES AND OTHER .....	-	-	-	-	-	-	-	-	-	-	-	-	
NUTRITIONAL DEFICIENCY .....	260-269	19	12.0	9.4	1	1.8	1.0	-	-	-	2	3.4	2.6
OTHER ENDOCRINE AND METABOLIC .....	-	-	-	-	-	-	-	-	-	-	-	-	
DISEASES .....	240-279	2	0.6	0.8	1	1.8	1.0	1	1.8	2.2	3	5.2	3.5
ANEMIAS .....	280-285	1	1.3	1.2	1	1.8	1.0	-	-	-	-	-	
OTHER DISEASES OF BLOOD AND .....	-	-	-	-	-	-	-	-	-	-	-	-	
BLOOD-FORMING ORGANS .....	286-289	-	-	-	1	1.8	1.5	-	-	-	-	-	
MENTAL DISORDERS .....	290-315	7	1.9	1.8	5	8.8	6.4	1	1.8	1.3	1	1.7	1.0
MENINGITIS .....	320	7	4.4	3.8	1	1.8	3.7	1	1.8	1.3	1	1.7	0.8
OTHER DISEASES OF NERVOUS SYSTEM .....	-	-	-	-	-	-	-	-	-	-	-	-	
AND SENSE ORGANS .....	321-389	10	6.3	4.8	3	5.3	5.6	3	5.3	3.9	2	3.4	2.3
ACTIVE RHEUMATIC FEVER .....	390-392	1	0.6	0.6	-	-	-	-	-	-	-	-	
CHRONIC RHEUMATIC HEART DISEASE .....	393-398	4	2.5	3.1	10	17.5	10.4	3	5.3	3.2	-	-	
HYPERTENSIVE DISEASE .....	400-404	23	14.6	13.8	18	31.6	18.3	8	14.0	9.2	2	3.4	2.0
ISCHEMIC HEART DISEASE .....	410-414	39	24.7	23.0	82	143.9	84.9	92	161.4	96.8	102	175.9	91.3
OTHER FORMS OF HEART DISEASE .....	420-429	55	34.8	34.1	8	14.0	8.6	3	5.3	3.1	9	15.5	8.7
CEREBROVASCULAR DISEASE .....	430-438	49	31.0	26.2	34	59.6	36.4	48	84.2	49.8	46	79.3	42.8
OTHER DISEASES OF CIRCULATORY .....	-	-	-	-	-	-	-	-	-	-	-	-	
SYSTEM .....	450-458	18	11.4	10.9	33	57.9	34.3	12	21.1	12.7	20	34.5	18.0
INFLUENZA .....	470-474	3	1.9	1.7	-	-	-	-	-	-	-	-	
PNEUMONIA .....	480-486	31	19.6	15.8	11	19.3	17.8	5	8.8	7.7	4	6.9	3.4
BRONCHITIS, EMPHYSEMA .....	-	-	-	-	-	-	-	-	-	-	-	-	
AND ASTHMA .....	490-493	7	4.4	3.4	3	5.3	3.2	7	12.3	8.2	11	19.0	9.0
OTHER DISEASES OF RESPIRATORY .....	460-466	-	-	-	-	-	-	-	-	-	-	-	
SYSTEM .....	500-519	8	5.1	3.9	3	5.3	3.0	3	5.3	4.5	8	13.8	9.9
PEPTIC ULCER .....	531-533	-	-	-	2	3.5	2.2	1	1.8	1.1	2	3.4	1.8
APPENDICITIS .....	540-543	-	-	-	1	1.8	1.0	-	-	-	-	-	
INTESTINAL OBSTRUCTION AND .....	550-553	-	-	-	-	-	-	-	-	-	-	-	
HERNIA .....	560	2	1.3	1.2	3	5.3	6.0	6	1.8	1.3	3	5.2	2.5
CIRRHOSIS OF LIVER .....	571	4	2.5	2.7	13	22.8	14.9	1	10.5	7.2	7	12.1	8.3
OTHER DISEASES OF DIGESTIVE .....	-	-	-	-	-	-	-	-	-	-	-	-	
SYSTEM .....	520-577	10	6.3	5.7	5	8.8	4.4	3	5.3	3.8	1	1.7	0.8
NEPHRITIS AND NEPHROSIS .....	580-584	3	1.9	1.8	2	3.5	1.8	1	1.8	1.3	3	5.2	2.1
HYPERPLASIA OF PROSTATE .....	600	-	-	-	-	-	-	-	-	-	-	-	
OTHER DISEASES OF GENITOURINARY .....	590-599	-	-	-	-	-	-	-	-	-	-	-	
SYSTEM .....	601-629	2	1.3	1.2	4	7.0	4.2	4	7.0	6.8	3	5.2	2.5
ABORTION .....	640-645	1	0.6	0.9	-	-	-	-	-	-	-	-	
OTHER COMPLICATIONS OF PREGNANCY .....	630-639	-	-	-	-	-	-	-	-	-	-	-	
CHILD BIRTH AND PUERPERIUM .....	650-678	2	1.3	1.6	1	1.8	3.7	4	7.0	12.8	-	-	
CONGENITAL ANOMALIES .....	740-759	9	5.7	4.2	-	-	-	-	-	-	-	-	
BIRTH INJURY, DYSOCIA AND .....	764-768	-	-	-	-	-	-	-	-	-	-	-	
OTHER HYPOXIC CONDITIONS .....	772-776	22	13.9	10.6	4	7.0	14.7	5	8.8	19.5	3	5.2	12.7
OTHER CAUSES OF PERINATAL .....	-	-	-	-	-	-	-	-	-	-	-	-	
MORTALITY .....	760-779	36	22.8	13.2	10	17.5	36.9	7	12.3	27.3	8	13.8	33.9
SYMPTOMS AND ILL-DEFINED .....	780-796	136	86.1	78.0	3	5.3	3.1	2	3.5	2.1	1	1.7	1.1
CONDITIONS .....	680-738	3	1.9	1.7	1	1.8	0.9	7	12.3	12.2	4	6.9	2.1
ALL OTHER DISEASES .....	E80-E82	-	-	-	8	14.0	12.7	-	-	-	-	-	
MOTOR VEHICLE ACCIDENTS .....	E810-E823	-	-	-	-	-	-	-	-	-	-	-	
ALL OTHER ACCIDENTS .....	E800-E809	9	5.7	4.6	11	19.3	13.5	16	28.1	23.0	13	22.4	15.0
SUICIDE .....	E950-E959	1	0.6	0.9	2	3.5	2.7	2	3.5	2.7	2	3.4	2.2
HOMICIDE, LEGAL INTERVENTION .....	E960-E978	-	-	-	-	-	-	-	-	-	-	-	
AND OPERATIONS OF WAR .....	E990-E999	-	-	-	-	-	-	2	3.5	2.5	1	1.7	2.5
INJURY UNKNOWN WHETHER ACCIDENTALLY .....	-	-	-	-	-	-	-	-	-	-	-	-	
OR PURPOSELY INFLICTED .....	E980-E989	-	-	-	-	-	-	2	3.5	2.5	-	-	



Table II-2  
 NUMBER OF DEATHS (ICD-8th REVISION) FROM SPECIFIC CAUSES WITH CRUDE AND  
 AGE-ADJUSTED DEATH RATES PER 100,000 POPULATION

CAUSE OF DEATH	CANADA			CAYMAN ISLANDS			CHILE						
	1977		1978		1979		1976						
	NUMBER	CRUDE RATE	AGE-ADJ. RATE	NUMBER	CRUDE RATE	AGE-ADJ. RATE	NUMBER	CRUDE RATE	AGE-ADJ. RATE				
ALL CAUSES .....	167498	720.1	386.1	168179	716.0	377.1	90	539.2	415.7	79389	765.6	670.0	
CHOLERA .....	000	-	-	-	-	-	-	-	-	-	-	-	
TYPHOID FEVER .....	001	-	-	-	-	-	-	-	-	71	0.7	0.6	
PARATYPHOID FEVER AND OTHER SALMONELLA INFECTIONS .....	002-003	7	0.0	0.0	8	0.0	0.0	-	-	43	0.4	0.5	
BACILLARY DYSENTERY AND AMEBIASIS .....	004-006	4	0.0	0.0	1	0.0	0.0	-	-	15	0.1	0.1	
ENTERITIS AND OTHER DIARRHEAL DISEASES OF RESPIRATORY SYSTEM .....	008-009	223	1.0	0.9	222	0.9	0.8	1	6.0	11.0	2069	20.0	24.2
OTHER TUBERCULOSIS .....	010-012	170	0.7	0.4	131	0.6	0.3	-	-	1794	17.3	14.3	
PLAGUE .....	013-019	90	0.4	0.2	89	0.4	0.2	-	-	202	1.9	1.7	
DIPHTHERIA .....	020	1	0.0	0.0	1	0.0	0.0	-	-	38	0.4	0.4	
WHOOPING COUGH .....	032	-	-	-	2	0.0	0.0	-	-	87	0.8	1.1	
STREPTOCOCCAL SORE THROAT AND SCARLET FEVER .....	034	1	0.0	0.0	2	0.0	0.0	-	-	4	0.0	0.0	
MENINGOCOCCAL INFECTION .....	036	29	0.1	0.2	40	0.2	0.2	-	-	9	0.1	0.1	
TETANUS .....	037	2	0.0	0.0	3	0.0	0.0	-	-	20	0.2	0.2	
ACUTE POLIOMYELITIS .....	040-043	-	-	-	2	0.0	0.0	-	-	-	-	-	
SMALLPOX .....	050	-	-	-	-	-	-	-	-	-	-	-	
MEASLES .....	055	8	0.0	0.1	9	0.0	0.1	-	-	63	0.6	0.8	
YELLOW FEVER .....	060	-	-	-	-	-	-	-	-	-	-	-	
VIRAL ENCEPHALITIS .....	062-065	18	0.1	0.1	18	0.1	0.1	-	-	24	0.2	0.3	
INFECTIOUS HEPATITIS .....	070	43	0.2	0.1	47	0.2	0.2	1	6.0	6.8	71	0.7	0.7
RABIES .....	071	-	-	-	-	-	-	-	-	-	-	-	
TYPHUS AND OTHER RICKETTSIOSSES MALARIA .....	080-083	-	-	-	1	0.0	0.0	-	-	-	-	-	
TRYPANOSOMIASIS .....	084	-	-	-	1	0.0	0.0	-	-	23	0.2	0.2	
SYPHILIS AND ITS SEQUELAE .....	086-087	-	-	-	-	-	-	-	-	-	-	-	
ALL OTHER INFECTIVE AND PARASITIC DISEASES .....	090-097	17	0.1	0.0	17	0.1	0.0	-	-	27	0.3	0.3	
MALIGNANT NEOPLASMS .....	140-209	36050	155.0	77.1	37189	158.3	16.9	10	59.9	42.5	10706	103.2	79.0
BENIGN AND UNSPECIFIED NEOPLASMS .....	210-239	369	1.6	1.0	308	1.3	0.8	-	-	299	2.9	2.6	
DIABETES MELLITUS .....	250	3010	12.9	5.7	2915	12.4	5.4	-	-	1107	10.7	7.9	
AVITAMINOSES AND OTHER NUTRITIONAL DEFICIENCY .....	260-269	183	0.8	0.4	183	0.8	0.4	-	-	990	9.5	9.9	
OTHER ENDOCRINE AND METABOLIC DISEASES .....	270-279	526	2.3	1.6	557	2.4	1.7	2	12.0	14.5	149	1.4	1.4
ANEMIAS .....	280-285	361	1.6	0.8	357	1.5	0.7	-	-	221	2.1	1.8	
OTHER DISEASES OF BLOOD AND BLOOD-FORMING ORGANS .....	286-289	186	0.8	0.5	158	0.7	0.4	-	-	73	0.7	0.7	
MENTAL DISORDERS .....	290-315	1145	4.9	2.8	1197	5.0	2.7	-	-	283	2.7	2.3	
MEINGITIS .....	320	116	0.5	0.6	108	0.5	0.6	-	-	434	4.2	5.0	
OTHER DISEASES OF NERVOUS SYSTEM AND SENSE ORGANS .....	321-389	1693	7.3	4.8	1790	7.6	5.0	-	-	926	8.9	8.2	
ACTIVE RHEUMATIC FEVER .....	390-392	34	0.1	0.1	17	0.0	0.0	-	-	29	0.3	0.3	
CHRONIC RHEUMATIC HEART DISEASE .....	393-398	1204	5.2	2.5	1193	5.1	2.5	-	-	565	5.4	4.5	
HYPERTENSIVE DISEASE .....	400-404	1507	6.5	2.6	1514	6.4	2.6	-	-	951	9.2	6.6	
ISCHEMIC HEART DISEASE .....	410-414	51408	221.0	96.5	50513	215.5	92.0	12	71.9	37.5	5643	54.4	38.7
OTHER FORMS OF HEART DISEASE .....	420-429	4698	20.2	9.0	4749	20.2	8.9	10	59.9	28.5	1959	18.9	14.4
CEREBROVASCULAR DISEASE .....	430-438	15522	66.7	27.6	15183	64.6	26.1	8	47.9	26.0	5903	56.9	41.5
OTHER DISEASES OF CIRCULATORY SYSTEM .....	440-448	7101	30.5	12.5	7215	30.7	12.3	4	24.0	16.1	1703	16.4	11.5
INFLUENZA .....	470-474	329	1.4	0.6	508	2.2	0.9	-	-	2764	26.7	20.8	
PNEUMONIA .....	480-486	4876	21.0	10.1	4623	19.7	9.4	7	41.9	31.9	7541	72.7	71.6
BRONCHITIS, EMPHYSEMA AND ASTHMA .....	490-493	2744	11.8	5.4	2924	12.4	5.5	-	-	1102	10.6	8.4	
OTHER DISEASES OF RESPIRATORY SYSTEM .....	500-519	2884	12.4	6.3	3028	12.9	6.1	2	12.0	4.4	1038	10.0	8.7
PEPTIC ULCER .....	531-533	657	2.8	1.3	645	2.7	1.2	-	-	345	3.3	2.6	
APPENDICITIS .....	540-543	53	0.2	0.1	66	0.3	0.2	-	-	125	1.2	1.1	
INTESTINAL OBSTRUCTION AND HERNIA .....	550-553	575	2.5	1.4	622	2.6	1.5	-	-	500	4.8	4.0	
CIRRHOSIS OF LIVER .....	571	2762	11.9	7.1	2838	12.1	7.1	-	-	2804	27.0	22.7	
OTHER DISEASES OF DIGESTIVE SYSTEM .....	520-577	2083	9.0	4.4	2162	9.2	4.4	-	-	1667	16.1	13.1	
NEPHRITIS AND NEPHROSIS .....	580-584	582	2.5	1.2	606	2.6	1.2	-	-	790	7.6	6.3	
HYPERTROPHY OF PROSTATE .....	600	114	0.5	0.2	102	0.4	0.2	-	-	261	2.5	1.7	
OTHER DISEASES OF GENITOURINARY SYSTEM .....	590-599	1280	5.5	2.4	1264	5.4	2.3	1	6.0	3.2	657	6.3	5.1
ABORTION .....	640-645	1	0.0	0.0	-	-	-	-	-	111	1.1	1.0	
OTHER COMPLICATIONS OF PREGNANCY CHILD BIRTH AND PUERPERIUM .....	630-639	17	0.1	0.1	23	0.1	0.1	-	-	173	1.7	1.6	
CONGENITAL ANOMALIES .....	650-678	1585	6.8	12.3	1632	6.9	12.8	-	-	1149	11.1	14.0	
BIRTH INJURY, DYSTOCIA AND OTHER HYPOXIC CONDITIONS .....	764-768	1127	4.8	9.8	974	4.1	8.6	4	24.0	43.8	2194	21.2	28.0
OTHER CAUSES OF PERINATAL MORTALITY .....	772-779	829	3.6	7.2	836	3.6	7.4	-	-	2507	24.2	31.9	
SYMPTOMS AND ILL-DEFINED CONDITIONS .....	780-796	2201	9.5	8.4	2380	10.1	8.7	10	59.9	42.9	7846	75.7	58.1
ALL OTHER DISEASES .....	800-839	664	2.9	1.4	626	2.7	1.3	-	-	434	4.2	3.7	
MOTOR VEHICLE ACCIDENTS .....	E810-E823	5255	22.6	20.2	5170	22.0	19.6	9	53.9	47.9	873	8.4	7.8
ALL OTHER ACCIDENTS .....	E800-E807	5927	25.5	20.0	5993	25.5	19.8	7	41.9	49.7	1871	18.0	17.6
SUICIDE .....	E825-E849	3317	14.3	11.1	3475	14.8	11.4	1	6.0	4.9	987	9.7	5.0
HOMICIDE, LEGAL INTERVENTION AND OPERATIONS OF WAR .....	E900-E978	609	2.6	2.3	589	2.5	2.3	-	-	181	1.7	1.7	
INJURY UNKNOWN WHETHER ACCIDENTALLY OR PURPOSELY INFLECTED .....	E980-E989	893	3.8	3.1	860	3.7	2.9	-	-	3835	37.0	34.3	

Table II-2  
NUMBER OF DEATHS (ICD-8th REVISION) FROM SPECIFIC CAUSES WITH CRUDE AND  
AGE-ADJUSTED DEATH RATES PER 100,000 POPULATION

CAUSE OF DEATH	CHILE (CONT.)						COLOMBIA						
	1977		1978		1979		1977		1978		1979		
	NUMBER	CRUDE RATE	AGE-ADJ. RATE	NUMBER	CRUDE RATE	AGE-ADJ. RATE	NUMBER	CRUDE RATE	AGE-ADJ. RATE	NUMBER	CRUDE RATE	AGE-ADJ. RATE	
ALL CAUSES	73541	697.1	616.2	72321	674.0	585.0	74178	679.4	573.2	145426	580.6	625.4	
CHOLERA	000	-	-	-	-	-	-	-	-	-	-	-	
TYPHOID FEVER	001	112	1.1	103	1.0	0.9	79	0.7	0.7	256	1.0	1.0	
PARATYPHOID FEVER AND OTHER													
SALMONELLA INFECTIONS	002,003	54	0.5	48	0.4	0.6	44	0.4	0.5	43	0.2	0.2	
BACILLARY DYSENTERY AND AMEBIASIS	004,006	16	0.2	13	0.1	0.1	12	0.1	0.1	437	1.7	1.8	
ENTERITIS AND OTHER DIARRHEAL DISEASES	008,009	1902	18.0	1343	12.5	15.3	1129	10.3	12.3	11375	45.4	45.1	
TUBERCULOSIS OF RESPIRATORY SYSTEM	010-012	1698	16.1	1510	14.1	11.6	1417	13.0	10.4	2240	8.9	9.9	
OTHER TUBERCULOSIS	013-019	246	2.3	205	1.9	1.7	261	2.4	2.0	418	1.7	1.8	
PLAGUE	020	-	-	-	-	-	-	-	-	-	-	-	
DIPHTHERIA	032	50	0.5	35	0.3	0.4	26	0.2	0.3	50	0.2	0.2	
WHOOPING COUGH	033	113	1.1	14	0.1	0.2	4	0.0	0.1	921	3.7	3.7	
STREPTOCOCCAL SORE THROAT AND SCARLET FEVER	034	6	0.1	1	0.0	0.0	2	0.0	0.0	3	0.0	0.0	
MENINGOCOCCAL INFECTION	036	13	0.1	1	0.1	0.1	21	0.2	0.2	11	0.0	0.0	
TETANUS	037	13	0.1	17	0.2	0.2	12	0.1	0.1	620	2.5	2.5	
ACUTE POLIOMYELITIS	040-043	-	-	-	-	-	-	-	-	123	0.5	0.5	
SMALLPOX	050	-	-	-	-	-	-	-	-	-	-	-	
MEASLES	055	5	0.0	55	0.5	0.7	154	1.4	1.9	1697	4.4	4.3	
YELLOW FEVER	060	-	-	-	-	-	-	-	-	34	0.1	0.2	
VIRAL ENCEPHALITIS	062-065	24	0.2	24	0.2	0.3	19	0.2	0.2	44	0.1	0.1	
INFECTIOUS HEPATITIS	086-087	58	0.5	50	0.5	0.5	74	0.7	0.7	131	0.5	0.5	
RABIES	071	-	-	-	-	-	-	-	-	177	0.7	0.7	
TYPHUS AND OTHER RICKETTSIOSIS	080-083	-	-	-	-	-	-	-	-	187	0.7	0.7	
MALARIA	084-088	25	0.2	27	0.3	0.2	32	0.3	0.2	808	3.0	3.0	
TRYPANOSOMIASIS	089-091	33	0.3	26	0.2	0.3	34	0.3	0.3	8	0.0	0.0	
SYPHILIS AND ITS SEQUELAE	090-097	-	-	-	-	-	-	-	-	63	0.3	0.2	
ALL OTHER INFECTIVE AND PARASITIC DISEASES	000-136	1403	13.3	1042	9.7	11.6	1030	9.4	11.1	2860	11.4	11.5	
MALIGNANT NEOPLASMS	140-209	10566	100.2	10563	98.4	79.3	11237	102.9	77.0	13020	52.0	59.5	
BENIGN AND UNSPECIFIED NEOPLASMS	210-239	270	2.6	315	2.9	2.6	277	2.5	2.2	518	2.1	2.3	
DIABETES MELLITUS	250	1141	10.8	1325	12.3	9.1	1419	13.0	9.3	1814	7.2	8.3	
AVITAMINOSIS AND OTHER NUTRITIONAL DEFICIENCY	260-269	664	6.3	519	4.8	5.0	450	4.1	4.2	3165	12.6	12.9	
OTHER ENDOCRINE AND METABOLIC DISEASES	240-279	148	1.4	142	1.3	1.3	191	1.7	1.7	176	0.7	0.8	
ANEMIAS	280-285	201	1.9	201	1.9	1.6	210	1.9	1.6	1900	7.6	8.1	
OTHER DISEASES OF BLOOD AND BLOOD-FORMING ORGANS	286-289	57	0.5	71	0.7	0.6	59	0.5	0.5	95	0.4	0.4	
MENTAL DISORDERS	290-319	320	3.0	331	3.1	3.1	309	2.8	2.4	129	0.5	0.6	
MENTINGITIS	320	360	3.6	311	2.9	3.4	292	2.7	3.2	1485	5.9	5.9	
OTHER DISEASES OF NERVOUS SYSTEM AND SENSE ORGANS	321-389	814	7.7	794	7.4	6.9	737	6.8	6.2	1362	5.4	5.6	
ACTIVE RHEUMATIC FEVER	390-392	30	0.3	20	0.2	0.2	23	0.2	0.2	55	0.2	0.2	
CHRONIC RHEUMATIC HEART DISEASE	393-398	500	4.7	400	3.7	4.3	575	5.3	4.3	501	2.0	2.3	
HYPERTENSIVE DISEASE	400-404	856	8.1	960	8.9	6.4	966	8.8	6.1	3445	13.8	16.0	
ISCHEMIC HEART DISEASE	410-414	5657	53.5	6187	57.7	41.5	6683	61.2	42.6	9890	39.3	45.2	
OTHER FORMS OF HEART DISEASE	420-429	1750	16.6	1771	16.5	12.5	1863	17.1	12.5	9848	39.3	45.2	
CEREBROVASCULAR DISEASE	430-438	5842	55.4	6257	58.3	42.5	6395	58.6	41.4	8625	34.4	39.7	
OTHER DISEASES OF CIRCULATORY SYSTEM	440-448	1723	16.3	1742	16.2	11.5	1869	17.1	11.6	2697	10.8	12.4	
INFLUENZA	450-458	495	4.7	346	3.2	2.8	461	4.4	3.4	755	3.0	3.2	
PNEUMONIA	470-474	5654	53.6	54.4	48.69	45.4	44.6	5158	47.2	44.6	9553	38.1	39.2
BRONCHITIS, EMPHYSEMA AND ASTHMA	490-493	1027	9.7	864	8.1	6.3	900	8.2	6.2	4908	19.6	20.4	
OTHER DISEASES OF RESPIRATORY SYSTEM	460-466	909	8.6	963	9.0	7.2	1010	9.3	7.3	1944	7.8	8.4	
PEPTIC ULCER	531-533	310	2.9	323	3.0	2.3	299	2.7	2.0	1052	4.2	4.8	
APPENDICITIS	540-543	110	1.0	89	0.8	0.7	77	0.7	0.6	181	0.7	0.8	
INTESTINAL OBSTRUCTION AND HERNIA	550-553	454	4.3	410	3.8	3.2	433	4.0	3.3	617	2.5	2.7	
CIRRHOSIS OF LIVER	571	3205	30.4	3882	36.2	30.4	3636	33.3	27.3	630	2.5	2.9	
OTHER DISEASES OF DIGESTIVE SYSTEM	520-577	1651	15.6	1509	14.1	11.2	1485	13.6	10.5	1974	7.9	8.6	
NEPHRITIS AND NEPHROSIS	580-584	747	7.1	735	6.8	5.6	832	7.6	6.0	1201	4.8	5.3	
HYPERPLASIA OF PROSTATE	600	275	2.6	225	2.1	1.5	244	2.2	1.5	164	0.7	0.8	
OTHER DISEASES OF GENITOURINARY SYSTEM	590-599	687	6.5	633	5.9	4.6	687	6.3	4.7	1156	4.6	5.1	
ABORTION	640-645	93	0.9	98	0.9	0.8	58	0.5	0.5	211	0.8	0.9	
OTHER COMPLICATIONS OF PREGNANCY	630-639	153	1.5	120	1.1	1.0	118	1.1	1.0	866	3.5	3.6	
CHILD BIRTH AND PUERPERIUM	650-678	1105	10.5	1192	11.1	15.2	1315	12.0	16.7	1407	5.6	5.5	
CONGENITAL ANOMALIES	740-759	2014	19.1	1890	17.6	25.2	1893	17.3	24.8	3565	14.2	13.8	
BIRTH INJURY, DYSTOCIA AND OTHER HYPOXIC CONDITIONS	772,776	2249	21.3	2067	19.9	14.2	991	9.1	13.0	3565	14.2	13.8	
OTHER CAUSES OF PERINATAL MORTALITY	760-779	2249	21.3	2067	19.9	14.2	991	9.1	13.0	3565	14.2	13.8	
SYMPTOMS AND ILL-DEFINED CONDITIONS	780-796	7446	70.6	7953	74.1	62.0	8087	74.1	59.5	12545	50.1	54.4	
ALL OTHER DISEASES	680-738	406	3.8	333	3.1	3.1	371	3.4	2.9	1132	4.5	5.0	
NOTOR VEHICLE ACCIDENTS	E810-E823	905	8.6	1152	10.7	9.7	1266	11.6	10.6	3676	14.7	15.3	
ALL OTHER ACCIDENTS	E800-E807	1965	18.6	2127	19.8	18.9	2132	19.5	18.8	5635	22.5	23.2	
SUICIDE	E825-E949	622	5.9	570	5.3	4.7	650	6.0	5.2	733	2.9	3.0	
HOMICIDE, LEGAL INTERVENTION AND OPERATIONS OF WAR	E950-E999	211	2.0	248	2.3	2.1	268	2.5	2.2	5423	21.7	22.6	
INJURY UNKNOWN WHETHER ACCIDENTALLY OR PURPOSELY INFLICTED	E980-E989	4168	39.5	4087	38.1	35.5	3882	35.6	32.7	2089	8.3	8.6	

Table II-2  
NUMBER OF DEATHS (ICD-8th REVISION) FROM SPECIFIC CAUSES WITH CRUDE AND  
AGE-ADJUSTED DEATH RATES PER 100,000 POPULATION

CAUSE OF DEATH	COSTA RICA											
	1976			1977			1978			1979		
	NUMBER	CRUDE RATE	AGE-ADJ. RATE	NUMBER	CRUDE RATE	AGE-ADJ. RATE	NUMBER	CRUDE RATE	AGE-ADJ. RATE	NUMBER	CRUDE RATE	AGE-ADJ. RATE
ALL CAUSES .....	9356	465.5	482.3	8907	430.3	437.7	8625	406.8	410.7	9143	421.3	425.7
CHOLERA .....	1	0.0	0.1	1	0.0	0.1	1	0.0	0.1	1	0.0	0.1
TYPHOID FEVER .....	1	0.0	0.1	1	0.0	0.1	1	0.0	0.1	1	0.0	0.1
PARATYPHOID FEVER AND OTHER .....	1	0.0	0.1	1	0.0	0.1	1	0.0	0.1	1	0.0	0.1
SALMONELLA INFECTIONS .....	1	0.0	0.1	1	0.0	0.1	1	0.0	0.1	1	0.0	0.1
BACILLARY DYSENTERY AND .....	1	0.0	0.1	1	0.0	0.1	1	0.0	0.1	1	0.0	0.1
ENTERITIS AND OTHER DIARRHEAL .....	1	0.0	0.1	1	0.0	0.1	1	0.0	0.1	1	0.0	0.1
DISEASES .....	365	18.2	19.4	292	14.1	14.9	211	10.0	10.4	164	7.6	7.8
TUBERCULOSIS OF RESPIRATORY .....	86	4.3	4.5	77	3.7	3.9	64	3.0	3.2	72	3.3	3.3
SYSTEM .....	19	0.9	1.0	10	0.5	0.5	18	0.8	0.8	20	0.9	0.9
OTHER TUBERCULOSIS .....	19	0.9	1.0	10	0.5	0.5	18	0.8	0.8	20	0.9	0.9
PLAGUE .....	1	0.0	0.1	1	0.0	0.1	1	0.0	0.1	1	0.0	0.1
DIPHTHERIA .....	1	0.0	0.1	1	0.0	0.1	1	0.0	0.1	1	0.0	0.1
WHOPPING COUGH .....	1	0.0	0.1	1	0.0	0.1	1	0.0	0.1	1	0.0	0.1
STREPTOCOCCAL SORE THROAT AND .....	21	1.0	1.1	12	0.6	0.6	3	0.1	0.2	5	0.2	0.3
SCARLET FEVER .....	1	0.0	0.1	1	0.0	0.1	1	0.0	0.1	1	0.0	0.1
MENINGOCOCCAL INFECTION .....	1	0.0	0.1	1	0.0	0.1	1	0.0	0.1	1	0.0	0.1
TETANUS .....	76	3.8	4.0	40	1.9	2.0	23	1.1	1.1	17	0.8	0.8
ACUTE POLIOMYELITIS .....	1	0.0	0.1	1	0.0	0.1	1	0.0	0.1	1	0.0	0.1
SMALLPOX .....	1	0.0	0.1	1	0.0	0.1	1	0.0	0.1	1	0.0	0.1
MEASLES .....	8	0.4	0.4	14	0.7	0.8	4	0.2	0.2	34	1.6	1.8
YELLOW FEVER .....	1	0.0	0.1	1	0.0	0.1	1	0.0	0.1	1	0.0	0.1
VIRAL ENCEPHALITIS .....	2	0.1	0.1	5	0.2	0.3	3	0.1	0.1	1	0.0	0.1
INFECTIOUS HEPATITIS .....	6	0.3	0.3	5	0.2	0.3	8	0.4	0.3	15	0.7	0.7
RABIES .....	1	0.0	0.0	1	0.0	0.0	1	0.0	0.0	1	0.0	0.0
TYPHUS AND OTHER RICKETTSIOSES .....	1	0.0	0.1	1	0.0	0.0	1	0.0	0.0	1	0.0	0.0
MALARIA .....	1	0.0	0.1	1	0.0	0.0	1	0.0	0.0	1	0.0	0.0
TRYPANOSOMIASIS .....	11	0.5	0.6	4	0.2	0.2	5	0.2	0.2	4	0.2	0.2
SYPHILIS AND ITS SEQUELAE .....	162	8.1	8.5	141	6.8	7.1	88	4.2	4.3	131	6.0	6.2
ALL OTHER INFECTIVE AND .....	1381	68.7	71.5	1406	67.9	69.5	1447	68.3	69.3	1491	68.7	70.1
PARASITIC DISEASES .....	162	8.1	8.5	141	6.8	7.1	88	4.2	4.3	131	6.0	6.2
MALIGNANT NEOPLASMS .....	1381	68.7	71.5	1406	67.9	69.5	1447	68.3	69.3	1491	68.7	70.1
BENIGN AND UNSPECIFIED .....	60	3.0	3.0	33	1.6	1.5	7	0.3	0.4	33	1.5	1.5
NEOPLASMS .....	323	16.1	16.8	234	11.3	11.6	241	11.4	11.5	242	11.2	11.3
DIABETES MELLITUS .....	160	8.0	8.5	102	4.9	5.2	77	3.6	3.6	42	1.9	2.0
AVITAMINOSES AND OTHER .....	39	1.9	2.0	35	1.7	1.8	34	1.6	1.6	39	1.8	1.8
NUTRITIONAL DEFICIENCY .....	45	2.2	2.2	34	1.6	1.7	28	1.3	1.3	31	1.4	1.4
OTHER ENDOCRINE AND METABOLIC .....	2	0.1	0.1	7	0.3	0.3	10	0.5	0.5	7	0.3	0.3
REST OF .....	72	3.6	3.9	88	4.3	4.4	76	3.6	3.7	72	3.3	3.5
MENTAL DISORDERS .....	69	3.4	3.6	60	2.9	3.1	76	3.6	3.7	80	3.7	3.9
MENINGITIS .....	100	5.0	5.1	117	5.7	5.7	90	4.2	4.3	130	6.0	6.1
OTHER DISEASES OF NERVOUS SYSTEM .....	2	0.1	0.1	3	0.1	0.2	3	0.1	0.1	1	0.0	0.1
AND SENSE ORGANS .....	72	3.6	3.8	55	2.7	2.7	45	2.1	2.2	62	2.9	2.9
ACTIVE RHEUMATIC FEVER .....	94	4.7	4.8	71	3.4	3.5	69	3.3	3.3	76	3.5	3.6
CHRONIC RHEUMATIC HEART DISEASE .....	772	38.4	39.0	721	34.8	35.3	856	40.4	41.1	986	45.5	46.2
HYPERTENSIVE DISEASE .....	431	21.4	21.8	406	19.6	19.8	347	16.4	16.5	401	18.9	18.6
ISCHEMIC HEART DISEASE .....	527	26.2	26.4	526	25.4	25.8	571	26.9	27.3	550	25.3	25.8
OTHER FORMS OF HEART DISEASE .....	205	10.2	10.3	178	8.6	8.8	162	7.6	7.8	164	7.6	7.7
CEREBROVASCULAR DISEASE .....	79	3.9	4.0	70	3.4	3.5	25	1.2	1.2	22	1.0	1.0
OTHER DISEASES OF CIRCULATORY .....	438	21.8	22.7	404	19.5	20.0	367	17.3	17.6	367	16.9	17.1
SYSTEM .....	194	9.7	9.9	186	9.0	9.1	121	5.7	5.8	146	6.7	6.9
AND ASTHMA .....	223	11.1	11.4	213	10.3	10.5	225	10.6	10.8	241	11.1	11.3
OTHER DISEASES OF RESPIRATORY .....	52	2.6	2.6	47	2.3	2.3	44	2.1	2.2	51	2.4	2.4
SYSTEM .....	14	0.7	0.7	7	0.3	0.3	16	0.8	0.7	6	0.3	0.3
PEPTIC ULCER .....	36	1.8	1.9	37	1.8	1.8	45	2.1	2.2	32	1.5	1.5
APPENDICITIS .....	104	5.2	5.6	120	5.8	6.0	133	6.3	6.5	112	5.2	5.3
INTESTINAL OBSTRUCTION AND .....	178	8.9	9.2	177	8.6	8.8	157	7.4	7.6	180	8.3	8.4
HERNIA .....	81	4.0	4.2	102	4.9	5.0	79	3.7	3.7	110	5.1	5.1
CIRRHOSIS OF LIVER .....	10	0.5	0.5	8	0.4	0.4	6	0.3	0.3	5	0.2	0.2
OTHER DISEASES OF DIGESTIVE .....	68	3.4	3.5	67	3.2	3.3	40	1.9	1.9	47	2.2	2.2
SYSTEM .....	7	0.3	0.4	5	0.2	0.2	8	0.4	0.4	4	0.2	0.2
OTHER COMPLICATIONS OF PREGNANCY .....	28	1.4	1.4	29	1.4	1.3	18	0.8	0.8	25	1.2	1.0
CHILD BIRTH AND PUERPERIUM .....	333	16.6	17.6	318	15.4	15.8	302	14.8	14.4	279	12.9	13.1
CONGENITAL ANOMALIES .....	290	14.4	15.3	303	14.6	14.9	341	16.1	15.8	358	16.5	16.1
BIRTH INJURY, DYSTOCIA AND .....	268	13.3	14.2	288	13.9	14.2	226	10.7	10.5	232	10.7	10.5
OTHER HYPOXIC CONDITIONS .....	677	33.7	34.7	699	33.8	34.4	689	32.5	33.1	854	39.4	39.8
OTHER CAUSES OF PERINATAL .....	68	3.4	3.4	69	3.3	3.4	71	3.3	3.4	75	3.5	3.5
REST OF .....	366	18.2	18.8	438	21.2	20.7	455	21.5	21.1	434	20.0	19.7
SYMPTOMS AND ILL-DEFINED .....	480	23.9	24.5	445	21.5	21.1	497	23.4	22.9	502	23.1	22.8
CONDITIONS .....	115	5.7	6.0	91	4.4	4.2	88	4.2	4.0	74	3.4	3.3
ALL OTHER DISEASES .....	112	5.6	5.7	90	4.3	4.2	79	3.7	3.5	84	3.9	3.7
ALL OTHER ACCIDENTS .....	14	0.7	0.7	10	0.5	0.5	18	0.8	0.9	31	1.4	1.4
SUICIDE .....	480	23.9	24.5	445	21.5	21.1	497	23.4	22.9	502	23.1	22.8
LEGAL INTERVENTION .....	115	5.7	6.0	91	4.4	4.2	88	4.2	4.0	74	3.4	3.3
AND OPERATIONS OF WAR .....	112	5.6	5.7	90	4.3	4.2	79	3.7	3.5	84	3.9	3.7
INJURY UNKNOWN WHETHER ACCIDENTALLY .....	14	0.7	0.7	10	0.5	0.5	18	0.8	0.9	31	1.4	1.4
OR PURPOSELY INFLECTED .....	14	0.7	0.7	10	0.5	0.5	18	0.8	0.9	31	1.4	1.4



Table II-2  
NUMBER OF DEATHS (ICD-8th REVISION) FROM SPECIFIC CAUSES WITH CRUDE AND  
AGE-ADJUSTED DEATH RATES PER 100,000 POPULATION

CAUSE OF DEATH	DOMINICAN REPUBLIC (CONT.)						ECUADOR					
	1977		1978		1976		1977		1977			
	NUMBER	CRUDE RATE	AGE-ADJ. RATE	NUMBER	CRUDE RATE	AGE-ADJ. RATE	NUMBER	CRUDE RATE	AGE-ADJ. RATE	NUMBER	CRUDE RATE	AGE-ADJ. RATE
ALL CAUSES .....	25009	502.4	494.3	23127	451.4	450.8	60669	830.4	...	59150	782.8	757.6
CHOLERA .....	000	-	-	-	-	-	-	-	-	-	-	-
TYPHOID FEVER .....	001	24	0.5	20	0.4	0.4	76	1.0	-	87	1.2	1.1
PARATYPHOID FEVER AND OTHER SALMONELLA INFECTIONS .....	002,003	24	0.5	14	0.3	0.3	A)...	...	...	86	1.1	1.1
BACILLARY DYSENTERY AND AMEBIASIS .....	004,006	8	0.2	6	0.1	0.1	35	0.5	...	62	0.8	0.8
ENTERITIS AND OTHER DIARRHEAL DISEASES .....	008,009	2063	41.4	35.2	1492	29.1	25.5	7739	105.9	8023	106.2	93.4
TUBERCULOSIS OF RESPIRATORY SYSTEM .....	010-012	291	5.8	6.5	391	7.6	8.0	1163	15.9	1114	14.7	15.7
OTHER TUBERCULOSIS .....	013-019	18	0.4	0.4	25	0.5	0.5	146	2.0	146	1.9	2.0
PLAGUE .....	020	-	-	-	-	-	-	-	-	-	-	-
DIPHTHERIA .....	032	48	1.0	0.9	40	0.8	0.7	11	0.2	12	0.2	0.1
WHOOPING COUGH .....	033	6	0.1	0.1	4	0.1	0.1	866	11.8	1009	13.4	11.6
STREPTOCOCCAL SORE THROAT AND SCARLET FEVER .....	034	-	-	-	-	-	-	1	0.0	-	-	-
MENINGOCOCCAL INFECTION .....	036	29	0.6	0.5	6	0.1	0.1	-	-	-	-	-
TETANUS .....	037	150	3.0	2.7	100	2.0	1.8	A)...	...	745	9.9	8.8
ACUTE POLIOMYELITIS .....	040-043	3	0.1	0.0	10	0.2	0.2	-	-	12	0.2	0.2
SMALLPOX .....	050	-	-	-	-	-	-	-	-	-	-	-
MEASLES .....	055	186	3.7	3.3	100	2.0	1.7	2611	35.7	1936	25.6	22.6
YELLOW FEVER .....	060	-	-	-	-	-	-	-	-	-	-	-
VIRAL ENCEPHALITIS .....	062-065	5	0.1	0.1	2	0.0	0.0	A)...	...	17	0.2	0.2
INFECTIOUS HEPATITIS .....	070	45	0.9	0.9	41	0.8	0.8	A)...	...	24	0.3	0.3
RABIES .....	071	-	-	-	-	-	-	-	-	-	-	-
TYPHUS AND OTHER RICKETTSIOSIS MALARIA .....	080-083	3	0.1	0.1	4	0.1	0.1	30	0.4	32	0.4	0.4
TRYPANOSOMIASIS .....	086-087	-	-	-	-	-	-	-	-	4	0.1	0.1
SYPHILIS AND ITS SEQUELAE .....	090-097	72	1.4	1.3	72	1.4	1.2	17	0.2	18	0.2	0.2
ALL OTHER INFECTIVE AND PARASITIC DISEASES .....	REST OF 000-136	883	17.7	14.9	878	17.1	15.0	1625	22.2	730	9.7	9.0
MALIGNANT NEOPLASMS BENIGN AND UNSPECIFIED .....	140-209	1135	22.8	26.0	1121	21.9	24.6	2568	35.1	2610	34.5	37.4
NEOPLASMS .....	210-239	23	0.5	0.5	27	0.5	0.5	243	3.3	256	3.4	3.7
DIABETES MELLITUS .....	250	309	6.2	7.1	268	5.2	6.0	409	5.6	406	5.4	5.8
AVITAMINOSIS AND OTHER NUTRITIONAL DEFICIENCY .....	260-269	524	10.5	9.5	477	9.3	8.5	1261	17.3	1289	17.1	15.1
OTHER ENDOCRINE AND METABOLIC DISEASES .....	REST OF 240-279	18	0.4	0.4	26	0.5	0.5	B)...	...	85	1.1	1.2
ANEMIAS .....	280-285	172	3.5	3.4	216	4.2	4.1	1064	14.6	987	13.1	13.0
OTHER DISEASES OF BLOOD AND BLOOD-FORMING ORGANS .....	286-289	19	0.4	0.4	11	0.2	0.2	B)...	...	63	0.8	0.8
MENTAL DISORDERS .....	290-315	57	1.1	1.3	39	0.8	0.8	B)...	...	394	5.2	5.8
MENINGITIS .....	320	238	4.8	4.2	262	5.1	4.5	276	3.8	293	3.9	3.6
OTHER DISEASES OF NERVOUS SYSTEM AND SENSE ORGANS .....	321-389	225	4.5	4.7	246	4.8	4.6	B)...	...	643	8.5	8.6
ACTIVE RHEUMATIC FEVER .....	390-392	19	0.4	0.3	10	0.2	0.2	39	0.5	38	0.5	0.5
CHRONIC RHEUMATIC HEART DISEASE .....	393-398	45	0.9	1.0	42	0.8	0.9	149	2.0	153	2.0	2.1
HYPERTENSIVE DISEASE .....	400-404	387	7.8	8.9	381	7.4	8.1	368	5.0	387	5.1	5.4
ISCHEMIC HEART DISEASE .....	410-414	730	14.7	16.9	794	15.5	17.7	1197	16.4	1295	17.1	18.3
OTHER FORMS OF HEART DISEASE .....	420-429	955	19.2	20.6	911	17.8	19.0	2776	38.0	2870	38.0	39.9
CEREBROVASCULAR DISEASE .....	430-438	892	17.9	20.4	939	18.3	20.6	1669	22.8	1792	23.7	25.3
OTHER DISEASES OF CIRCULATORY SYSTEM .....	440-448	330	6.6	7.1	283	5.5	5.8	B)...	...	424	5.6	5.8
INFLUENZA .....	470-474	56	1.1	1.1	21	0.4	0.4	1435	19.8	1026	13.6	12.2
PNEUMONIA .....	480-486	1058	21.3	19.6	826	16.1	15.1	4202	57.5	3737	49.5	47.1
BRONCHITIS, EMPHYSEMA AND ASTHMA .....	490-493	371	7.5	7.1	298	5.8	5.6	4384	60.0	3930	52.0	46.4
OTHER DISEASES OF RESPIRATORY SYSTEM .....	460-466	405	8.1	8.6	430	8.4	8.9	B)...	...	1494	19.8	18.3
PEPTIC ULCER .....	531-533	100	2.0	2.3	99	1.9	2.2	253	3.5	261	3.5	3.7
APPENDICITIS .....	540-543	7	0.1	0.2	3	0.1	0.0	79	1.1	78	1.0	1.1
INTESTINAL OBSTRUCTION AND HERNIA .....	550-553	87	1.7	1.7	81	1.6	1.7	464	6.4	419	5.5	5.7
CIRRHOSIS OF LIVER .....	560	442	8.9	10.2	451	8.8	10.3	347	4.7	406	5.4	5.9
OTHER DISEASES OF DIGESTIVE SYSTEM .....	REST OF 520-577	368	7.4	7.9	365	7.1	7.4	B)...	...	1351	17.9	18.1
NEPHRITIS AND NEPHROSIS .....	580-584	101	2.0	2.1	99	1.2	1.2	539	7.4	553	7.3	7.5
HYPERPLASIA OF PROSTATE .....	600	27	0.5	0.6	16	0.3	0.3	61	0.8	50	0.7	0.7
OTHER DISEASES OF GENITOURINARY SYSTEM .....	590-599	135	2.7	2.9	117	2.3	2.5	B)...	...	301	4.0	4.2
ABORTION .....	601-629	11	0.2	0.2	9	0.2	0.1	42	0.6	44	0.6	0.6
OTHER COMPLICATIONS OF PREGNANCY CHILD BIRTH AND PUERPERIUM .....	630-639	131	2.6	2.7	95	1.9	1.9	433	5.9	400	5.3	5.6
CONGENITAL ANOMALIES .....	650-678	205	4.1	3.4	152	3.7	3.2	413	5.7	393	5.2	4.6
BIRTH INJURY, DYSTOCIA AND OTHER HYPOXIC CONDITIONS .....	766-768	380	7.6	6.1	333	6.5	5.3	545	7.5	609	8.1	7.0
OTHER CAUSES OF PERINATAL MORTALITY .....	REST OF 760-779	1167	23.4	18.7	1364	26.6	21.7	1507	20.6	1372	18.2	15.7
SYMPTOMS AND ILL-DEFINED CONDITIONS .....	780-796	8192	164.6	161.0	7371	143.9	144.7	10272	140.6	9336	123.6	120.5
ALL OTHER DISEASES .....	680-738	59	1.2	1.1	52	1.0	1.0	4663	63.8	348	4.6	4.8
MOTOR VEHICLE ACCIDENTS .....	E810-E823	467	9.4	9.9	398	7.8	8.0	1429	19.6	1634	21.6	22.5
ALL OTHER ACCIDENTS .....	E800-E807	589	11.8	11.7	546	10.7	10.6	2545	34.8	2556	33.8	34.4
SUICIDE .....	E950-E959	114	2.3	2.5	104	2.0	2.1	196	2.7	237	3.1	3.2
HOMICIDE, LEGAL INTERVENTION AND OPERATIONS OF WAR .....	E960-E978	298	6.0	5.6	238	4.6	4.9	C)...	...	526	7.0	7.4
INJURY UNKNOWN WHETHER ACCIDENTALLY OR PURPOSELY INFLECTED .....	E980-E989	303	6.1	6.5	401	7.8	8.4	518	7.1	47	0.6	0.6

A) INCLUDED IN THE RESIDUAL CATEGORY OF ALL OTHER INFECTIVE AND PARASITIC DISEASES. B) INCLUDED IN THE RESIDUAL CATEGORY OF ALL OTHER DISEASES. C) INCLUDED IN GROUP OF INJURY UNKNOWN WHETHER ACCIDENTALLY OR PURPOSELY INFLECTED.



Table II-2  
 NUMBER OF DEATHS (ICD-8th REVISION) FROM SPECIFIC CAUSES WITH CRUDE AND  
 AGE-ADJUSTED DEATH RATES PER 100,000 POPULATION

CAUSE OF DEATH	ECUADOR (CONT.)			EL SALVADOR			FALKLAND ISLANDS			FRENCH GUIANA		
	1978		AGE- ADJ. RATE	1974		AGE- ADJ. RATE	1977		AGE- ADJ. RATE	1972		AGE- ADJ. RATE
	NUMBER	CRUDE RATE		NUMBER	CRUDE RATE		NUMBER	CRUDE RATE		NUMBER	CRUDE RATE	
ALL CAUSES .....	56601	716.5	743.0	30533	785.5	762.1	27	1350.0	739.7	397	735.2	622.4
CHOLERA FEVER .....	000	-	-	-	-	-	-	-	-	-	-	-
TYPHOID FEVER .....	001	86	1.1	68	1.7	1.8	-	-	-	-	-	-
PARATYPHOID FEVER AND OTHER SALMONELLA INFECTIONS .....	002,003	88	1.1	-	-	-	-	-	-	1	1.9	1.7
BACILLARY DYSENTERY AND ENTERITIS AND OTHER DIARRHEAL DISEASES .....	004,006	58	0.7	68	1.7	1.8	-	-	-	-	-	-
TUBERCULOSIS OF RESPIRATORY SYSTEM .....	010-012	6892	87.2	4072	104.8	92.1	-	-	-	-	-	-
OTHER TUBERCULOSIS .....	013-019	1085	13.7	337	8.7	9.4	-	-	-	-	-	-
PLAGUE .....	020	135	1.7	20	0.5	0.5	-	-	-	-	-	-
DIPHTHERIA .....	032	-	-	-	-	-	-	-	-	-	-	-
WHOOPING COUGH .....	032	11	0.1	26	0.7	0.6	-	-	-	-	-	-
STREPTOCOCCAL SORE THROAT AND SCARLET FEVER .....	033	894	11.3	139	3.6	2.9	-	-	-	-	-	-
MENINGOCOCCAL INFECTION .....	034	-	-	-	-	-	-	-	-	-	-	-
TETANUS .....	036	-	-	-	0.1	0.1	-	-	-	1	1.9	1.9
ACUTE POLIOMYELITIS .....	040-043	707	8.9	259	6.7	5.6	-	-	-	-	-	-
SMALLPOX .....	050	6	0.1	9	0.2	0.2	-	-	-	-	-	-
MEASLES .....	055	644	8.2	34	0.9	0.7	-	-	-	-	-	-
YELLOW FEVER .....	060	-	-	-	-	-	-	-	-	-	-	-
VIRAL ENCEPHALITIS .....	062-065	24	0.3	5	0.1	0.1	1	50.0	27.4	6	11.1	11.4
INFECTIOUS HEPATITIS .....	070	35	0.4	27	0.7	0.7	-	-	-	1	1.9	1.2
RABIES .....	071	-	-	19	0.5	0.5	-	-	-	-	-	-
TYPHUS AND OTHER RICKETTSIOSIS MALARIA .....	080-083	1	0.0	0.0	-	-	-	-	-	-	-	-
TRYPANOSOMIASIS .....	086,087	31	0.4	66	1.7	1.7	-	-	-	-	-	-
SYPHILIS AND ITS SEQUELAE .....	090-097	9	0.1	2	0.1	0.1	-	-	-	-	-	-
ALL OTHER INFECTIVE AND PARASITIC DISEASES .....	090-097	15	0.2	20	0.5	0.4	-	-	-	-	-	-
MALIGNANT NEOPLASMS .....	140-209	668	8.5	8.8	344	8.9	2	100.0	40.5	9	16.7	13.7
BENIGN AND UNSPECIFIED NEOPLASMS .....	210-239	2815	35.6	39.0	735	18.9	6	300.0	153.7	22	40.7	32.5
DIABETES MELLITUS .....	240-249	335	4.2	4.7	156	4.0	-	-	-	2	3.7	2.4
AVITAMINOSES AND OTHER NUTRITIONAL DEFICIENCY .....	260-269	384	4.9	5.4	169	4.3	-	-	-	1	1.9	1.7
OTHER ENDOCRINE AND METABOLIC DISEASES .....	250-279	76	1.0	1.0	22	0.6	-	-	-	-	-	-
ANEMIAS .....	280-285	955	12.1	12.3	510	13.1	-	-	-	1	1.9	2.1
OTHER DISEASES OF BLOOD AND BLOOD-FORMING ORGANS .....	286-289	71	0.9	1.0	17	0.4	-	-	-	-	-	-
MENTAL DISORDERS .....	290-315	458	5.8	6.5	461	11.9	-	-	-	-	-	-
MENINGITIS .....	320	309	3.9	4.0	74	1.9	-	-	-	7	13.0	13.4
OTHER DISEASES OF NERVOUS SYSTEM AND SENSE ORGANS .....	321-389	599	7.6	7.9	470	12.1	-	-	-	-	-	-
ACTIVE RHEUMATIC FEVER .....	390-392	49	0.6	0.7	8	0.2	-	-	-	-	-	-
CHRONIC RHEUMATIC HEART DISEASE .....	393-398	118	1.5	1.6	13	0.3	-	-	-	-	-	-
HYPERTENSIVE DISEASE .....	400-404	413	5.2	5.6	32	0.6	-	-	-	33	61.1	44.2
ISCHEMIC HEART DISEASE .....	410-414	1386	17.5	19.1	352	9.8	5	250.0	129.2	9	16.7	16.3
OTHER FORMS OF HEART DISEASE .....	420-429	2912	36.9	39.1	583	15.0	-	-	-	7	13.0	11.5
CEREBROVASCULAR DISEASE .....	430-438	1863	23.6	25.7	682	17.5	2	100.0	40.5	40	74.1	54.5
OTHER DISEASES OF CIRCULATORY SYSTEM .....	440-448	484	6.1	6.4	164	4.2	4	200.0	115.2	5	9.3	7.0
INFLUENZA .....	450-458	845	10.7	10.7	361	9.3	-	-	-	-	-	-
PNEUMONIA .....	480-486	3757	47.6	48.9	896	23.1	4	200.0	88.8	13	24.1	20.0
BRONCHITIS, EMPHYSEMA AND ASTHMA .....	490-493	3575	45.3	46.1	1089	28.0	-	-	-	11	20.4	20.3
OTHER DISEASES OF RESPIRATORY SYSTEM .....	460-466	1405	17.8	18.3	162	4.2	-	-	-	13	24.1	21.1
PEPTIC ULCER .....	531-533	259	3.3	3.6	81	2.1	-	-	-	-	-	-
APPENDICITIS .....	540-543	64	0.8	0.8	23	0.6	-	-	-	-	-	-
INTESTINAL OBSTRUCTION AND HERNIA .....	550-553	435	5.5	5.9	128	3.3	1	50.0	19.6	-	-	-
CIRRHOSIS OF LIVER .....	570	401	5.1	5.7	241	6.2	1	50.0	46.0	14	25.9	22.4
OTHER DISEASES OF DIGESTIVE SYSTEM .....	520-577	1235	15.6	16.5	888	22.8	-	-	-	-	-	-
NEPHRITIS AND NEPHROSIS .....	580-584	490	6.2	6.5	50	1.3	-	-	-	3	5.6	4.5
HYPERPLASIA OF PROSTATE .....	590-600	52	0.7	0.7	17	0.4	-	-	-	-	-	-
OTHER DISEASES OF GENITOURINARY SYSTEM .....	601-629	326	4.1	4.5	104	2.7	-	-	-	15	27.8	21.8
ABORTION .....	640-645	30	0.4	0.4	12	0.3	-	-	-	-	-	-
OTHER COMPLICATIONS OF PREGNANCY CHILD BIRTH AND PUERPERIUM .....	630-639	468	5.9	6.4	139	3.6	-	-	-	-	-	-
CONGENITAL ANOMALIES .....	680-678	446	5.6	5.9	200	5.1	1	50.0	78.9	-	-	-
BIRTH INJURY, DYSTOCIA AND OTHER HYPOXIC CONDITIONS .....	740-759	607	7.7	8.3	380	9.8	-	-	-	6	11.1	11.3
OTHER CAUSES OF PERINATAL MORTALITY .....	760-779	1387	17.6	19.0	986	25.4	-	-	-	63	116.7	120.9
SYMPTOMS AND ILL-DEFINED CONDITIONS .....	780-796	9362	118.5	119.1	10154	261.2	-	-	-	76	140.7	102.1
ALL OTHER DISEASES .....	680-738	373	4.7	5.1	522	13.4	-	-	-	14	25.9	24.5
MOTOR VEHICLE ACCIDENTS .....	E800-E825	1817	23.0	24.1	568	14.6	-	-	-	-	-	-
ALL OTHER ACCIDENTS .....	E800-E807	2749	34.8	36.1	1004	25.8	-	-	-	21	38.9	35.4
SUICIDE .....	E825-E949	216	2.7	2.8	420	10.8	-	-	-	2	3.7	3.4
HOMICIDE, LEGAL INTERVENTION AND OPERATIONS OF WAR .....	E950-E978	482	6.1	6.4	1283	33.0	-	-	-	1	1.9	1.2
INJURY UNKNOWN WHETHER ACCIDENTALLY OR PURPOSELY INFLICTED .....	E980-E989	48	0.6	0.6	263	6.8	-	-	-	-	-	-



Table II-2  
 NUMBER OF DEATHS (ICD-8th REVISION) FROM SPECIFIC CAUSES WITH CRUDE AND  
 AGE-ADJUSTED DEATH RATES PER 100,000 POPULATION

CAUSE OF DEATH	GRENADA						GUADELOUPE					
	1977			1978			1977			1978		
	NUMBER	CRUDE RATE	AGE-ADJ. RATE	NUMBER	CRUDE RATE	AGE-ADJ. RATE	NUMBER	CRUDE RATE	AGE-ADJ. RATE	NUMBER	CRUDE RATE	AGE-ADJ. RATE
ALL CAUSES .....	806	732.7	...	765	695.5	...	2265	707.8	...	2036	636.3	...
CHOLERA .....	-	-	-	-	-	-	-	-	-	-	-	-
TYPHOID FEVER .....	1	0.9	...	2	1.8	...	1	0.3	...	-	-	-
PARATYPHOID FEVER AND OTHER SALMONELLA INFECTIONS .....	-	-	-	-	-	-	-	-	-	-	-	-
BACILLARY DYSENTERY AND AMEBIASIS .....	-	-	-	2	1.8	...	1	0.3	...	1	0.3	...
ENTERITIS AND OTHER DIARRHEAL DISEASES OF RESPIRATORY SYSTEM .....	29	26.4	...	38	34.5	...	49	15.3	...	21	6.6	...
OTHER TUBERCULOSIS .....	6	5.5	...	4	3.6	...	5	1.6	...	4	1.3	...
PLAGUE .....	-	-	-	-	-	-	1	0.3	...	-	-	-
DIPHTHERIA .....	-	-	-	-	-	-	-	-	-	-	-	-
WHOPPING COUGH .....	-	-	-	-	-	-	-	-	-	-	-	-
STREPTOCOCCAL SORE THROAT AND SCARLET FEVER .....	-	-	-	-	-	-	-	-	-	-	-	-
MENINGOCOCCAL INFECTION .....	-	-	-	-	-	-	4	1.3	...	-	-	-
TETANUS .....	-	-	-	5	4.5	...	3	0.9	...	5	1.6	...
ACUTE POLIOMYELITIS .....	-	-	-	-	-	-	-	-	-	-	-	-
SMALLPOX .....	-	-	-	-	-	-	-	-	-	-	-	-
MEASLES .....	-	-	-	-	-	-	-	-	-	1	0.3	...
YELLOW FEVER .....	-	-	-	-	-	-	-	-	-	-	-	-
VIRAL ENCEPHALITIS .....	-	-	-	-	-	-	3	0.9	...	1	0.3	...
INFECTIOUS HEPATITIS .....	-	-	-	-	-	-	4	1.3	...	4	1.3	...
RABIES .....	-	-	-	-	-	-	-	-	-	-	-	-
TYPHUS AND OTHER RICKETTSIOSIS .....	-	-	-	-	-	-	-	-	-	-	-	-
MALARIA .....	-	-	-	-	-	-	-	-	-	-	-	-
TRYPANOSOMIASIS .....	-	-	-	-	-	-	-	-	-	-	-	-
SYPHILIS AND ITS SEQUELAE .....	-	-	-	-	-	-	-	-	-	2	0.6	...
ALL OTHER INFECTIVE AND PARASITIC DISEASES .....	13	11.8	...	6	5.5	...	20	6.3	...	25	7.8	...
MALIGNANT NEOPLASMS .....	75	68.2	...	66	60.0	...	256	80.0	...	256	80.0	...
BENIGN AND UNSPECIFIED NEOPLASMS .....	1	0.9	...	6	5.5	...	3	0.9	...	-	-	-
DIABETES MELLITUS .....	21	19.1	...	20	18.2	...	61	19.1	...	72	22.5	...
AVITAMINOSES AND OTHER NUTRITIONAL DEFICIENCY .....	10	9.1	...	12	10.9	...	17	5.3	...	16	5.0	...
OTHER ENDOCRINE AND METABOLIC DISEASES .....	4	3.6	...	3	2.7	...	5	1.6	...	13	4.1	...
ANEMIAS .....	6	5.5	...	8	7.3	...	10	3.1	...	11	3.4	...
OTHER DISEASES OF BLOOD AND BLOOD-FORMING ORGANS .....	2	1.8	...	2	1.8	...	3	0.9	...	8	2.5	...
MENTAL DISORDERS .....	2	1.8	...	3	2.7	...	24	7.5	...	11	3.4	...
MENINGITIS .....	2	1.8	...	5	4.5	...	4	1.3	...	5	1.6	...
OTHER DISEASES OF NERVOUS SYSTEM AND SENSE ORGANS .....	12	10.9	...	16	14.5	...	19	5.9	...	20	6.3	...
ACTIVE RHEUMATIC FEVER .....	1	0.9	...	-	-	-	2	0.6	...	2	0.6	...
CHRONIC RHEUMATIC HEART DISEASE .....	-	-	-	-	-	-	3	0.9	...	9	2.8	...
HYPERTENSIVE DISEASE .....	38	34.5	...	48	43.6	...	121	37.8	...	181	56.6	...
ISCHEMIC HEART DISEASE .....	37	33.6	...	42	38.2	...	67	20.9	...	77	24.1	...
OTHER FORMS OF HEART DISEASE .....	35	31.8	...	90	81.8	...	214	66.9	...	144	45.0	...
CEREBROVASCULAR DISEASE .....	122	110.9	...	70	63.6	...	297	92.8	...	161	50.3	...
OTHER DISEASES OF CIRCULATORY SYSTEM .....	19	17.3	...	31	28.2	...	76	23.8	...	69	21.6	...
INFLUENZA .....	1	0.9	...	1	0.9	...	3	0.9	...	13	4.1	...
PNEUMONIA .....	49	44.5	...	47	42.7	...	23	7.2	...	26	8.1	...
BRONCHITIS, EMPHYSEMA AND ASTHMA .....	7	6.4	...	12	10.9	...	16	5.0	...	10	3.1	...
OTHER DISEASES OF RESPIRATORY SYSTEM .....	20	18.2	...	9	8.2	...	20	6.3	...	16	5.0	...
PEPTIC ULCER .....	-	-	-	1	0.9	...	7	2.2	...	13	4.1	...
APPENDICITIS .....	-	-	-	1	0.9	...	-	-	-	2	0.6	...
INTESTINAL OBSTRUCTION AND HERNIA .....	2	1.8	...	6	5.5	...	13	4.1	...	18	5.6	...
CIRRHOSIS OF LIVER .....	6	5.5	...	8	7.3	...	92	28.8	...	85	26.6	...
OTHER DISEASES OF DIGESTIVE SYSTEM .....	9	8.2	...	16	14.5	...	39	12.2	...	42	13.1	...
NEPHRITIS AND NEPHROSIS .....	1	0.9	...	3	2.7	...	26	8.1	...	26	8.1	...
HYPERPLASIA OF PROSTATE .....	-	-	-	2	1.8	...	2	0.6	...	3	0.9	...
OTHER DISEASES OF GENITOURINARY SYSTEM .....	9	8.2	...	13	11.8	...	1	0.3	...	3	0.9	...
ABORTION .....	-	-	-	-	-	-	1	0.3	...	1	0.3	...
OTHER COMPLICATIONS OF PREGNANCY CHILD BIRTH AND PUERPERIUM .....	1	0.9	...	3	2.7	...	5	1.6	...	5	1.6	...
CONGENITAL ANOMALIES .....	-	-	-	3	2.7	...	22	6.9	...	22	6.9	...
BIRTH INJURY, DYSTOCIA AND OTHER HYPOXIC CONDITIONS .....	-	-	-	3	2.7	...	25	7.8	...	14	4.4	...
OTHER CAUSES OF PERINATAL MORTALITY .....	15	13.6	...	6	5.5	...	46	14.4	...	58	18.1	...
SYMPTOMS AND ILL-DEFINED CONDITIONS .....	213	193.6	...	124	112.7	...	417	130.3	...	355	110.9	...
ALL OTHER DISEASES .....	17	15.5	...	6	5.5	...	4	1.3	...	6	1.9	...
MOTOR VEHICLE ACCIDENTS .....	3	2.7	...	4	3.6	...	93	29.1	...	95	29.7	...
ALL OTHER ACCIDENTS .....	-	-	-	-	-	-	-	-	-	-	-	-
SUICIDE .....	12	10.9	...	7	6.4	...	117	36.6	...	83	25.9	...
HOMICIDE, LEGAL INTERVENTION AND OPERATIONS OF WAR .....	-	-	-	1	0.9	...	11	3.4	...	14	4.4	...
INJURY UNKNOWN WHETHER ACCIDENTALLY OR PURPOSELY INFLECTED .....	8	7.3	...	3	2.7	...	8	2.5	...	2	0.6	...
	-	-	-	7	6.4	...	1	0.3	...	5	1.6	...

Table II-2  
 NUMBER OF DEATHS (ICD-8th REVISION) FROM SPECIFIC CAUSES WITH CRUDE AND  
 AGE-ADJUSTED DEATH RATES PER 100,000 POPULATION

CAUSE OF DEATH	GUATEMALA												
	1974			1975			1976			1977			
	NUMBER	CRUDE RATE	AGE-ADJ. RATE	NUMBER	CRUDE RATE	AGE-ADJ. RATE	NUMBER	CRUDE RATE	AGE-ADJ. RATE	NUMBER	CRUDE RATE	AGE-ADJ. RATE	
ALL CAUSES .....	70557	1166.2	1097.2	76747	1229.9	1237.5	83127	1292.8	1262.1	66254	999.3	937.8	
CHOLERA .....	000	-	-	-	-	-	-	-	-	-	-	-	
TYPHOID FEVER .....	001	1.9	3.2	211	3.4	3.4	143	2.2	2.2	175	2.6	2.5	
PARATYPHOID FEVER AND OTHER SALMONELLA INFECTIONS .....	002,003	11	0.2	13	0.2	0.2	13	0.2	0.2	5	0.1	0.1	
BACILLARY DYSENTERY AND AMEBIASIS .....	004,006	233	3.9	3.8	270	4.3	254	4.0	4.0	253	3.8	3.8	
ENTERITIS AND OTHER DIARRHEAL DISEASES .....	008,009	12356	204.2	191.0	14018	224.6	210.8	11931	185.6	176.6	11551	174.2	162.4
TUBERCULOSIS OF RESPIRATORY SYSTEM .....	010-012	1	0.0	0.0	961	15.1	882	13.7	15.5	554	8.4	9.5	
OTHER TUBERCULOSIS .....	013-019	351	5.8	6.3	171	2.7	81	1.3	1.3	231	3.5	3.9	
PLAGUE .....	020	-	-	-	-	-	-	-	-	-	-	-	
DIPHTHERIA .....	032	7	0.1	0.1	17	0.3	6	0.1	0.1	11	0.2	0.2	
WHOOPING COUGH AND STREPTOCOCCAL SORE THROAT AND SCARLET FEVER .....	033	2108	34.8	30.9	1460	23.4	1366	21.2	18.5	1115	16.8	14.4	
MEINGOCOCCAL INFECTION .....	036	-	-	-	-	-	-	-	-	-	-	-	
TETANUS .....	037	193	3.2	2.7	180	2.9	162	2.5	2.1	153	2.3	2.3	
ACUTE POLIOMYELITIS .....	040-043	52	0.9	0.8	54	0.9	53	0.8	0.7	27	0.4	0.4	
SMALLPOX .....	050	2	0.0	0.0	-	-	-	-	-	-	-	-	
MEASLES .....	055	384	6.3	5.7	4857	77.8	6607	102.8	93.7	3814	57.5	51.9	
YELLOW FEVER .....	060	-	-	-	-	-	-	-	-	-	-	-	
VIRAL ENCEPHALITIS .....	062-065	-	-	-	4	0.1	7	0.1	0.1	3	0.0	0.0	
INFECTIOUS HEPATITIS .....	070	39	0.6	0.6	41	0.7	16	0.2	0.3	29	0.4	0.5	
RABIES AND OTHER RICKETTSIOSIS AND OTHER .....	071	-	-	-	2	0.0	2	0.0	0.0	2	0.0	0.0	
TYPHUS .....	080-083	3	0.0	0.0	2	0.0	2	0.0	0.0	2	0.0	0.0	
MALARIA .....	084	1483	24.5	26.3	1299	20.8	22.7	1040	16.2	17.7	787	11.9	12.8
TRYPANOSOMIASIS .....	086,087	11	0.2	0.2	1	0.0	1	0.0	0.0	3	0.0	0.1	
SYPHILIS AND ITS SEQUELAE .....	090-097	22	0.4	0.3	22	0.4	17	0.3	0.2	21	0.3	0.2	
ALL OTHER INFECTIVE AND PARASITIC DISEASES .....	100-136	2818	46.6	43.2	2874	46.1	42.2	2273	35.3	32.1	1886	28.4	25.3
MALIGNANT NEOPLASMS .....	140-209	1533	25.3	29.5	1698	27.2	32.8	1617	25.1	30.5	1585	23.9	29.0
BENIGN AND UNSPECIFIED NEOPLASMS .....	210-239	180	3.0	3.4	128	2.1	123	1.9	2.1	161	2.1	2.4	
DIABETES MELLITUS .....	250	313	5.2	6.1	279	4.5	291	4.5	5.7	225	3.4	4.2	
AVITAMINOSES AND OTHER NUTRITIONAL DEFICIENCY .....	260-269	2751	45.5	43.8	3003	48.1	47.6	2554	39.7	38.3	2555	38.5	38.4
OTHER ENDOCRINE AND METABOLIC DISEASES .....	270-279	43	0.7	0.7	96	1.5	1.7	152	2.4	2.8	111	1.7	2.0
ANEMIAS .....	280-285	1783	29.5	31.6	1837	29.4	32.1	1411	21.9	24.1	983	14.8	16.2
OTHER DISEASES OF BLOOD AND BLOOD-FORMING ORGANS .....	286-289	20	0.3	0.3	28	0.4	0.4	76	1.2	1.0	20	0.3	0.3
MENTAL DISORDERS .....	290-315	494	8.2	9.2	539	8.6	477	4.3	4.4	394	5.9	6.8	
MENTINGITIS .....	320	257	4.2	4.0	247	4.0	3.7	206	3.2	2.9	353	5.3	4.8
OTHER DISEASES OF NERVOUS SYSTEM AND SENSE ORGANS .....	321-389	628	10.4	10.3	629	10.1	10.4	536	8.3	8.6	535	8.1	8.7
ACTIVE RHEUMATIC FEVER .....	390-392	13	0.2	0.2	21	0.3	0.4	13	0.2	0.2	23	0.3	0.4
CHRONIC RHEUMATIC HEART DISEASE .....	393-398	10	0.2	0.2	27	0.4	0.5	30	0.5	0.5	7	0.1	0.1
HYPERTENSIVE DISEASE .....	400-404	246	4.1	4.8	233	3.7	4.8	261	4.1	5.2	173	2.6	3.2
ISCHEMIC HEART DISEASE .....	410-414	285	4.7	5.6	336	5.4	6.7	388	4.5	5.6	557	8.4	10.8
OTHER FORMS OF HEART DISEASE .....	420-429	1248	20.6	23.4	1278	20.5	24.3	1286	20.0	24.1	1504	22.7	26.8
CEREBROVASCULAR DISEASE .....	430-438	533	8.8	10.2	618	9.9	12.1	536	8.3	10.4	552	8.3	10.1
OTHER DISEASES OF CIRCULATORY SYSTEM .....	440-448	660	10.9	12.9	701	11.2	14.6	611	9.5	12.5	513	7.7	9.9
INFLUENZA .....	450-458	5357	88.5	85.9	5670	90.9	89.7	5561	86.5	85.3	3887	58.6	56.9
PNEUMONIA .....	470-474	5350	88.4	83.2	6341	101.6	97.9	6022	93.7	90.2	6830	103.0	98.2
BRONCHITIS, EMPHYSEMA AND ASTHMA .....	490-493	1712	28.3	25.0	1714	27.5	25.3	1562	24.3	22.3	1112	16.8	14.9
OTHER DISEASES OF RESPIRATORY SYSTEM .....	460-466	803	13.3	12.5	810	13.0	12.7	560	8.7	8.4	820	12.4	11.8
PEPTIC ULCER .....	531-533	183	3.0	3.5	106	1.7	2.1	132	2.1	2.5	133	2.0	2.5
APPENDICITIS .....	540-543	24	0.4	0.4	24	0.4	0.4	32	0.5	0.6	16	0.2	0.3
INTESTINAL OBSTRUCTION AND HERNIA .....	550-553	233	3.9	4.0	259	4.2	4.6	224	3.5	3.7	132	2.0	2.2
CIRRHOSIS OF LIVER .....	571	472	7.8	8.8	530	8.5	9.9	519	8.1	9.4	531	8.0	9.4
OTHER DISEASES OF DIGESTIVE SYSTEM .....	520-577	3131	51.8	57.4	3244	52.0	60.5	1578	24.5	27.1	1216	18.3	20.6
NEPHRITIS AND NEPHROSIS .....	580-584	148	2.4	2.6	107	1.7	1.9	119	1.9	2.1	64	1.0	1.1
HYPERTROPHY OF PROSTATE .....	590-599	13	0.2	0.3	18	0.3	0.4	13	0.2	0.3	23	0.3	0.5
OTHER DISEASES OF GENITOURINARY SYSTEM .....	601-629	206	3.4	3.8	227	3.6	4.1	251	3.9	4.5	134	2.0	2.3
ABORTION .....	640-645	32	0.5	0.5	34	0.5	0.5	37	0.6	0.6	38	0.6	0.5
OTHER COMPLICATIONS OF PREGNANCY CHILD BIRTH AND PUERPERIUM .....	630-639	373	6.2	6.4	318	5.1	5.2	348	5.4	5.7	306	4.6	4.8
CONGENITAL ANOMALIES .....	650-678	467	7.7	4.2	345	5.5	4.5	337	5.2	4.1	332	5.0	2.9
BIRTH INJURY, DYSTOCIA AND OTHER HYPOXIC CONDITIONS .....	764-768	1666	27.5	6.8	496	7.9	6.3	398	6.2	4.7	1132	17.1	2.7
OTHER CAUSES OF PERINATAL MORTALITY .....	772-776	3806	62.9	21.2	1602	25.7	20.3	1474	22.9	17.5	5071	76.5	31.8
SYMPTOMS AND ILL-DEFINED CONDITIONS .....	780-796	11114	183.7	185.4	12480	200.0	209.2	11711	182.1	189.5	9732	146.8	148.7
ALL OTHER DISEASES .....	680-738	433	7.2	8.2	483	7.7	9.1	402	6.3	7.5	200	3.0	3.7
MOTOR VEHICLE ACCIDENTS .....	E810-E823	163	2.7	2.8	-	-	-	-	-	-	347	5.2	5.5
ALL OTHER ACCIDENTS .....	E800-E807	2405	39.8	42.3	3779	60.6	63.0	16558	257.5	228.3	1894	28.6	30.4
SUICIDE .....	E825-E949	4	0.1	0.1	-	-	-	-	-	2	0.0	0.0	
HOMICIDE - LEGAL INTERVENTION AND OPERATIONS OF WAR .....	E950-E978	1084	17.9	18.5	-	-	-	-	-	1367	20.6	21.3	
INJURY UNKNOWN WHETHER ACCIDENTALLY OR PURPOSELY INFLECTED .....	E980-E989	111	1.8	1.9	-	-	-	-	-	70	1.1	1.1	





Table II-2  
NUMBER OF DEATHS (ICD-8th REVISION) FROM SPECIFIC CAUSES WITH CRUDE AND  
AGE-ADJUSTED DEATH RATES PER 100,000 POPULATION

CAUSE OF DEATH	HONDURAS						MARTINIQUE					
	1976		1977		1978		1973		1973		1973	
	NUMBER	AGE- ADJ. RATE	NUMBER	AGE- ADJ. RATE	NUMBER	AGE- ADJ. RATE	NUMBER	AGE- ADJ. RATE	NUMBER	AGE- ADJ. RATE	NUMBER	AGE- ADJ. RATE
ALL CAUSES .....	18168	567.8	559.7	18576	559.5	553.9	18127	527.1	508.7	723	219.1	247.6
CHOLERA .....	000	-	-	-	-	-	-	-	-	-	-	-
TYPHOID FEVER .....	32	1.0	1.0	28	0.8	0.8	22	0.6	0.7	-	-	-
PARATYPHOID FEVER AND OTHER SALMONELLA INFECTIONS .....	002,003	1	0.0	-	-	-	-	-	-	-	-	-
BACILLARY DYSENTERY AND AMEBIASIS .....	004,006	196	6.1	5.8	195	5.9	368	10.7	9.2	-	-	-
ENTERITIS AND OTHER DIARRHEAL DISEASES .....	008,009	2212	69.1	59.8	2373	71.5	1696	49.3	42.5	35	10.6	14.1
TUBERCULOSIS OF RESPIRATORY SYSTEM .....	010-012	105	3.3	3.9	156	4.7	5.6	126	3.7	2	0.6	0.6
OTHER TUBERCULOSIS .....	013-019	5	0.2	0.2	12	0.4	0.4	9	0.3	1	0.3	0.4
PLAGUE .....	020	-	-	-	-	-	-	-	-	-	-	-
DIPHTHERIA .....	032	3	0.1	0.1	2	0.1	0.0	2	0.1	0.0	-	-
WHOOPING COUGH .....	033	269	8.4	6.6	184	5.5	4.2	146	4.2	1	0.3	0.4
STREPTOCOCCAL SORE THROAT AND SCARLET FEVER .....	034	-	-	-	-	-	-	-	-	-	-	-
MENINGOCOCCAL INFECTION .....	036	-	-	-	-	-	1	0.0	0.0	-	-	-
TETANUS .....	037	64	2.0	1.7	72	2.2	1.8	46	1.3	1.2	-	-
ACUTE POLIOMYELITIS .....	040-043	44	1.4	1.2	58	1.7	1.4	57	1.7	1.4	-	-
SMALLPOX .....	050	-	-	-	-	-	-	-	-	-	-	-
MEASLES .....	055	280	8.8	7.1	258	7.8	6.2	373	10.8	8.6	-	-
YELLOW FEVER .....	060	-	-	-	-	-	-	-	-	-	-	-
VIRAL ENCEPHALITIS .....	062-065	2	0.1	0.1	7	0.2	0.2	7	0.2	0.0	7	2.1
INFECTIOUS HEPATITIS .....	070	2	0.1	0.1	7	0.2	0.2	7	0.2	0.0	7	2.4
RABIES .....	071	-	-	-	-	-	-	-	-	-	-	-
TYPHUS AND OTHER RICKETTSIOSIS MALARIA .....	080-083	37	1.2	1.2	59	1.8	2.0	44	1.3	1.2	-	-
TRYPANOSOMIASIS .....	084	-	-	-	-	-	-	-	-	-	-	-
SYPHILIS AND ITS SEQUELAE .....	090-097	1	0.0	0.0	1	0.0	0.0	1	0.0	-	-	-
ALL OTHER INFECTIVE AND PARASITIC DISEASES .....	000-136	362	11.3	10.0	447	13.5	11.7	527	15.3	13.7	5	1.5
MALIGNANT NEOPLASMS .....	140-209	431	13.5	16.0	487	14.7	16.2	511	14.9	17.7	39	11.8
BENIGN AND UNSPECIFIED NEOPLASMS .....	210-239	132	4.1	4.7	105	3.2	3.7	88	2.6	3.2	-	-
DIABETES MELLITUS .....	250	73	2.3	2.8	67	2.0	2.5	64	1.9	2.3	10	3.0
AVITAMINOSES AND OTHER NUTRITIONAL DEFICIENCY .....	260-269	126	3.9	3.5	161	4.8	4.4	142	4.1	3.6	1	0.3
OTHER ENDOCRINE AND METABOLIC DISEASES .....	240-279	5	0.2	0.2	4	0.1	0.1	12	0.3	0.4	4	1.2
ANEMIAS .....	280-285	336	10.5	10.8	370	11.1	11.8	288	8.4	8.8	4	1.2
OTHER DISEASES OF BLOOD AND BLOOD-FORMING ORGANS .....	286-289	2	0.1	0.1	7	0.2	0.3	8	0.2	0.3	7	2.1
MENTAL DISORDERS .....	290-315	79	2.5	2.9	78	2.3	2.7	95	2.8	3.3	-	-
MENINGITIS .....	320	45	1.4	1.3	51	1.5	1.3	59	1.7	1.5	13	3.9
OTHER DISEASES OF NERVOUS SYSTEM AND SENSE ORGANS .....	321-389	300	9.4	10.4	304	9.2	10.5	268	7.8	9.0	11	3.3
ACTIVE RHEUMATIC FEVER .....	390-392	1	0.1	0.1	2	0.1	0.1	1	0.1	0.1	-	-
CHRONIC RHEUMATIC HEART DISEASE CHRONIC RHEUMATISM .....	393-398	2	0.0	0.0	2	0.1	0.1	1	0.0	0.0	-	-
HYPERTENSIVE DISEASE .....	400-404	3	0.1	0.1	56	1.7	2.3	90	2.6	3.4	9	2.7
ISCHEMIC HEART DISEASE .....	410-414	127	4.0	4.9	180	5.4	6.9	201	5.8	7.2	35	10.6
OTHER FORMS OF HEART DISEASE CEREBROVASCULAR DISEASE .....	420-429	1343	42.0	48.3	1255	37.8	44.6	1322	38.4	46.2	31	9.4
OTHER DISEASES OF CIRCULATORY SYSTEM .....	430-438	437	13.7	16.2	462	13.9	17.4	500	14.5	18.0	28	8.5
INFLUENZA .....	450-458	124	3.9	4.6	158	4.8	5.7	140	4.1	4.9	17	5.2
PNEUMONIA .....	470-474	115	3.6	3.6	127	3.8	3.9	59	1.7	1.7	4	1.2
BRONCHITIS AND EMPHYSEMA .....	480-486	693	21.7	20.6	688	20.7	18.7	622	18.1	16.2	15	4.5
AND ASTHMA .....	490-493	605	18.9	18.2	579	17.4	16.9	520	15.1	14.8	8	2.4
OTHER DISEASES OF RESPIRATORY SYSTEM .....	460-466	121	3.8	3.9	121	3.6	3.8	91	2.6	3.0	16	4.8
PEPTIC ULCER .....	500-519	53	1.7	2.1	58	1.7	2.2	52	1.5	1.9	2	0.6
APPENDICITIS .....	540-543	8	0.3	0.3	6	0.2	0.2	9	0.3	0.3	1	0.3
INTESTINAL OBSTRUCTION AND HERNIA .....	550-553	44	1.4	1.6	45	1.4	1.6	48	1.4	1.7	3	0.9
CIRRHOSIS OF LIVER .....	560	92	2.9	3.5	115	3.5	4.4	102	3.0	3.6	19	5.8
OTHER DISEASES OF DIGESTIVE SYSTEM .....	520-577	558	17.4	20.9	549	16.5	19.8	519	15.1	18.3	17	5.2
NEPHRITIS AND NEPHROSIS .....	580-584	1	0.0	0.0	1	0.0	0.0	4	0.1	0.1	4	1.2
HYPERPLASIA OF PROSTATE .....	600	2	0.1	0.1	3	0.1	0.1	-	-	-	-	-
OTHER DISEASES OF GENITOURINARY SYSTEM .....	590-599	108	3.4	4.0	138	4.2	5.1	107	3.1	3.7	6	1.8
ABORTION .....	640-645	6	0.2	0.2	10	0.3	0.3	4	0.1	0.1	-	-
OTHER COMPLICATIONS OF PREGNANCY CHILD BIRTH AND PUERPERIUM .....	630-639	172	5.4	6.0	156	4.7	5.2	161	4.7	5.1	2	0.6
CONGENITAL ANOMALIES .....	650-678	23	0.7	0.6	21	0.6	0.5	155	4.5	3.4	27	8.2
BIRTH INJURY, DYSTOCIA AND OTHER HYPOXIC CONDITIONS .....	740-759	76	2.4	1.8	63	1.9	1.4	60	1.7	1.3	2	0.6
OTHER CAUSES OF PERINATAL MORTALITY .....	760-776	272	8.5	6.5	285	8.6	6.2	544	15.8	11.8	67	20.3
SYMPTOMS AND ILL-DEFINED CONDITIONS .....	780-796	6173	192.9	176.2	5980	180.1	164.8	5770	167.8	139.1	155	47.0
ALL OTHER DISEASES .....	680-738	203	6.3	7.8	211	6.4	7.9	197	5.7	7.4	1	0.3
MOTOR VEHICLE ACCIDENTS .....	E810-E823	13	0.4	0.4	13	0.4	0.4	16	0.5	0.5	13	3.9
ALL OTHER ACCIDENTS .....	E800-E809	464	14.5	15.8	466	14.0	14.8	490	14.2	15.6	81	24.5
SUICIDE .....	E90-E959	-	-	-	-	-	-	-	-	-	12	3.6
HOMICIDE, LEGAL INTERVENTION AND OPERATIONS OF WAR .....	E960-E978	1145	35.8	38.7	1299	39.1	41.6	1302	37.9	40.3	9	2.7
INJURY UNKNOWN WHETHER ACCIDENTALLY OR PURPOSELY INFLICTED .....	E980-E989	40	1.3	1.2	43	1.3	1.3	78	2.3	2.4	3	0.9

Table II-2  
 NUMBER OF DEATHS (ICD-8th REVISION) FROM SPECIFIC CAUSES WITH CRUDE AND  
 AGE-ADJUSTED DEATH RATES PER 100,000 POPULATION

CAUSE OF DEATH	MARTINIQUE (CONT.)			MEXICO			MONTSERRAT						
	1975		1975		1976		1975						
	NUMBER	CRUDE RATE	AGE-ADJ. RATE	NUMBER	CRUDE RATE	AGE-ADJ. RATE	NUMBER	CRUDE RATE	AGE-ADJ. RATE				
ALL CAUSES .....	2190	684.4	534.1	435888	724.7	720.2	455660	731.1	738.8	128	1049.4	...	
CHOLERA .....	000	-	-	-	-	-	-	-	-	-	-	-	
TYPHOID FEVER .....	001	0.3	0.2	1904	3.2	3.1	1350	2.2	2.1	-	-	-	
PARATYPHOID FEVER AND OTHER SALMONELLA INFECTIONS .....	002,003	-	-	878	1.5	1.4	1064	1.7	1.7	-	-	-	
BACILLARY DYSENTERY AND AMEBIASIS .....	004,006	-	-	2408	4.0	4.0	2496	4.0	4.1	-	-	-	
ENTERITIS AND OTHER DIARRHEAL DISEASES .....	008,009	51	15.9	19.5	51061	84.9	75.9	51235	82.2	76.5	1	8.2	...
TUBERCULOSIS OF RESPIRATORY SYSTEM .....	010-012	10	3.1	1.7	7651	12.7	14.0	7383	11.8	13.1	2	16.4	...
OTHER TUBERCULOSIS .....	013-019	1	0.3	0.2	865	1.4	1.4	830	1.3	1.4	-	-	-
PLAGUE .....	020	-	-	-	-	-	-	-	-	-	-	-	
DIPHTHERIA .....	032	2	0.6	0.7	86	0.1	0.1	46	0.1	0.1	-	-	-
WHOOPING COUGH .....	033	-	-	1638	2.7	2.4	2389	3.8	3.4	-	-	-	
STREPTOCOCCAL SORE THROAT AND SCARLET FEVER .....	034	-	-	23	0.0	0.0	89	0.1	0.1	-	-	-	
MENINGOCOCCAL INFECTION .....	036	-	-	22	0.0	0.0	24	0.0	0.0	-	-	-	
TETANUS .....	037	5	1.6	1.3	1488	2.5	2.4	1460	2.3	2.2	-	-	
ACUTE POLIOMYELITIS .....	040-043	-	-	224	0.4	0.3	117	0.2	0.2	-	-	-	
SMALLPOX .....	050	-	-	-	-	-	-	-	-	-	-	-	
MEASLES .....	055	-	-	334	0.6	0.5	6199	9.9	8.8	-	-	-	
YELLOW FEVER .....	060	-	-	-	-	-	-	-	-	-	-	-	
VIRAL ENCEPHALITIS .....	062-065	-	-	144	0.2	0.2	156	0.3	0.2	-	-	-	
INFECTIOUS HEPATITIS .....	070	-	-	494	0.8	0.8	496	0.8	0.8	-	-	-	
RABIES .....	071	...	...	...	...	...	81	0.1	0.1	-	-	-	
TYPHUS AND OTHER RICKETTSIOSIS .....	080-083	-	-	17	0.0	0.0	21	0.0	0.0	-	-	-	
MALARIA .....	084	-	-	66	0.1	0.1	17	0.0	0.0	-	-	-	
TRYPANOSOMIASIS .....	086,087	-	-	-	-	-	2	0.0	0.0	-	-	-	
SYPHILIS AND ITS SEQUELAE .....	090-097	3	0.9	1.1	119	0.2	0.2	124	0.2	-	-	-	
ALL OTHER INFECTIVE AND PARASITIC DISEASES .....	REST OF 000-209	19	5.9	5.0	7681	12.8	11.8	7587	12.2	11.6	1	8.2	...
MALIGNANT NEOPLASMS .....	140-209	294	91.9	66.2	21674	36.0	40.3	22635	36.3	40.7	11	90.2	...
BENIGN AND UNSPECIFIED NEOPLASMS .....	210-239	-	-	-	1223	2.0	2.2	1485	2.4	2.6	1	8.2	...
DIABETES MELLITUS .....	250	81	25.3	16.9	10408	17.3	19.5	11719	18.8	21.2	7	57.4	...
AVITAMINOSES AND OTHER NUTRITIONAL DEFICIENCY .....	260-269	38	11.9	7.2	7061	11.7	11.0	6031	9.7	9.4	-	-	-
OTHER ENDOCRINE AND METABOLIC DISEASES .....	REST OF 270-279	2	0.6	0.4	485	0.8	0.9	514	0.8	0.9	-	-	-
ANEMIAS .....	280-285	7	2.2	1.5	4950	8.2	8.5	4003	6.4	6.7	2	16.4	...
OTHER DISEASES OF BLOOD AND BLOOD-FORMING ORGANS .....	286-289	6	1.9	1.9	425	0.7	0.7	557	0.9	0.9	-	-	-
MENTAL DISORDERS .....	290-315	152	47.5	37.2	2422	4.9	5.5	2812	4.5	5.2	-	-	-
MENTINGITIS .....	320	9	2.8	3.3	2052	3.4	3.1	2161	3.5	3.2	-	-	-
OTHER DISEASES OF NERVOUS SYSTEM AND SENSE ORGANS .....	321-389	54	16.9	13.9	3134	5.2	5.3	3346	5.4	5.5	4	32.8	...
ACTIVE RHEUMATIC FEVER .....	390-392	3	0.9	0.7	381	0.6	0.7	212	0.3	0.4	-	-	-
CHRONIC RHEUMATIC HEART DISEASE .....	393-398	4	1.3	1.0	1171	1.9	1.9	1559	2.5	2.8	-	-	-
HYPERTENSIVE DISEASE .....	400-404	84	26.3	18.0	2696	4.5	4.9	2621	4.2	4.6	2	16.4	...
ISCHEMIC HEART DISEASE .....	410-414	68	21.3	15.4	10693	17.8	19.6	12688	20.4	22.4	5	41.0	...
OTHER FORMS OF HEART DISEASE .....	420-429	187	58.4	40.8	30701	51.0	53.4	31216	50.1	52.5	22	180.6	...
CEREBROVASCULAR DISEASE .....	430-438	197	49.1	34.2	12827	21.3	23.1	13262	21.3	23.1	16	131.2	...
OTHER DISEASES OF CIRCULATORY SYSTEM .....	440-448	130	40.6	30.2	6737	11.2	12.0	6473	10.4	11.3	4	32.8	...
INFLUENZA .....	450-458	6	1.9	1.6	4444	7.4	6.9	5553	8.9	8.6	5	41.0	...
PNEUMONIA .....	470-474	32	10.0	8.1	49424	82.2	75.3	55543	89.1	85.1	13	106.6	...
BRONCHITIS, EMPHYSEMA AND ASTHMA .....	490-493	41	12.8	10.9	10257	17.1	16.6	11687	18.8	18.7	1	8.2	...
OTHER DISEASES OF RESPIRATORY SYSTEM .....	460-466	29	9.1	7.2	8704	14.5	13.8	9668	15.5	15.2	-	-	-
PEPTIC ULCER .....	531-533	7	2.2	1.7	2791	4.6	5.1	2746	4.4	4.9	-	-	-
APPENDICITIS .....	540-543	1	0.3	0.2	423	0.7	0.7	383	0.6	0.7	-	-	-
INTESTINAL OBSTRUCTION AND HERNIA .....	550-553	25	7.8	5.8	2489	4.1	4.2	2359	3.8	3.9	-	-	-
CIRRHOSIS OF LIVER .....	571	57	17.8	13.8	12236	20.3	23.6	12261	19.7	23.1	1	8.2	...
OTHER DISEASES OF DIGESTIVE SYSTEM .....	REST OF 520-577	43	13.4	11.6	9553	15.9	17.1	8968	14.4	15.5	3	24.6	...
NEPHRITIS AND NEPHROSIS .....	580-584	10	3.1	2.3	3856	6.4	6.8	4462	7.2	7.7	2	16.4	...
HYPERPLASIA OF PROSTATE .....	600	-	-	255	0.4	0.4	247	0.4	0.4	-	-	-	
OTHER DISEASES OF GENITOURINARY SYSTEM .....	590-599	30	9.4	6.4	4026	6.7	7.1	4242	6.8	7.2	3	24.6	...
ABORTION .....	601-629	1	0.3	0.4	159	0.3	0.3	149	0.2	0.3	-	-	-
OTHER COMPLICATIONS OF PREGNANCY .....	630-639	-	-	-	-	-	-	-	-	-	-	-	
CHILD BIRTH AND PUERPERIUM .....	650-678	1	0.3	0.3	2399	4.0	4.3	2412	3.9	4.1	1	8.2	...
CONGENITAL ANOMALIES .....	740-759	7	2.2	3.0	4384	7.3	6.1	4589	7.4	6.5	1	8.2	...
BIRTH INJURY, DYSTOCIA AND OTHER HYPOXIC CONDITIONS .....	764-768	-	-	-	9777	16.3	13.1	10283	16.5	14.1	2	16.4	...
OTHER CAUSES OF PERINATAL MORTALITY .....	REST OF 770-779	43	13.4	18.4	11988	19.9	16.2	12295	19.7	17.1	2	16.4	...
SYMPTOMS AND ILL-DEFINED CONDITIONS .....	780-796	334	104.4	80.6	49654	82.6	80.7	45164	72.5	71.6	13	106.6	...
ALL OTHER DISEASES .....	680-738	10	3.1	2.7	2278	3.8	3.9	2534	4.1	4.3	-	-	-
MOTOR VEHICLE ACCIDENTS .....	E810-E823	34	10.6	10.2	9870	16.4	17.0	11417	18.3	19.2	-	-	-
ALL OTHER ACCIDENTS .....	E800-E807	80	25.0	21.2	17270	28.7	29.0	13355	21.4	21.7	-	-	-
SUICIDE .....	E950-E959	21	6.6	6.6	1010	1.7	1.8	1034	1.7	1.8	-	-	-
HOMICIDE, LEGAL INTERVENTION AND OPERATIONS OF WAR .....	E960-E978	9	2.8	2.2	10632	17.7	18.9	10314	16.5	18.0	3	24.6	...
INJURY UNKNOWN WHETHER ACCIDENTALLY OR PURPOSELY INFLECTED .....	E980-E989	1	0.3	0.3	11364	18.9	19.5	17535	28.1	29.1	-	-	-

Table II-2  
NUMBER OF DEATHS (ICD-8th REVISION) FROM SPECIFIC CAUSES WITH CRUDE AND  
AGE-ADJUSTED DEATH RATES PER 100,000 POPULATION

CAUSE OF DEATH	MONTSERRAT (CGNT.)						NICARAGUA						
	1978		1979		1974		1975		1975		1975		
	NUMBER	CRUDE RATE	AGE-ADJ. RATE	NUMBER	CRUDE RATE	AGE-ADJ. RATE	NUMBER	CRUDE RATE	AGE-ADJ. RATE	NUMBER	CRUDE RATE	AGE-ADJ. RATE	
ALL CAUSES .....	147	1336.4	...	110	1000.0	546.3	10574	507.4	516.0	11143	517.1	514.9	
CHOLERA .....	000	-	-	-	-	-	-	-	-	-	-	-	
TYPHOID FEVER .....	001	-	-	-	-	-	41	2.0	2.1	45	2.1	1.9	
PARATYPHOID FEVER AND OTHER SALMONELLA INFECTIONS .....	002,003	-	-	-	-	-	2	0.1	0.1	-	-	-	
BACILLARY DYSENTERY AND AMEBIASIS .....	004,006	-	-	-	-	-	6	0.3	0.3	6	0.3	0.2	
ENTERITIS AND OTHER DIARRHEAL DISEASES .....	008,009	4	36.4	...	1	9.1	13.3	1366	65.5	55.8	1491	69.2	56.9
TUBERCULOSIS OF RESPIRATORY SYSTEM .....	010-012	1	9.1	...	-	-	40	1.9	2.1	28	1.3	1.5	
OTHER TUBERCULOSIS .....	013-019	-	-	-	-	-	4	0.2	0.2	28	1.3	1.5	
PLAGUE .....	020	-	-	-	-	-	-	-	-	-	-	-	
DIPHTHERIA .....	032	-	-	-	-	-	-	-	-	-	-	-	
WHOOPING COUGH .....	033	-	-	-	-	-	92	4.4	3.7	47	2.2	1.8	
STREPTOCOCCAL SORE THROAT AND SCARLET FEVER .....	034	-	-	-	-	-	-	-	-	-	-	-	
MENINGOCOCCAL INFECTION .....	036	-	-	-	-	-	-	-	-	-	-	-	
TETANUS .....	037	1	9.1	...	1	9.1	15.3	207	9.9	8.7	227	10.5	9.1
ACUTE POLIOMYELITIS .....	040-043	-	-	-	-	-	-	-	-	-	-	-	
SMALLPOX .....	050	-	-	-	-	-	-	-	-	-	-	-	
MESLES .....	055	-	-	-	-	-	-	-	-	-	-	-	
YELLOW FEVER .....	060	-	-	-	-	-	112	5.4	4.7	201	9.3	8.2	
VIRAL ENCEPHALITIS .....	062-065	-	-	-	-	-	-	-	-	-	-	-	
INFECTIOUS HEPATITIS .....	070	-	-	-	-	-	-	-	-	-	-	-	
RABIES .....	071	-	-	-	-	-	-	-	-	-	-	-	
TYPHUS AND OTHER RICKETTSIOSES .....	080-083	-	-	-	-	-	-	-	-	-	-	-	
MALARIA .....	084	-	-	-	-	-	99	4.8	4.5	99	4.6	4.2	
TRYPANOSOMIASIS .....	086,087	-	-	-	-	-	-	-	-	-	-	-	
SYPHILIS AND ITS SEQUELAE .....	090-097	-	-	-	-	-	1	0.0	0.1	-	-	-	
ALL OTHER INFECTIVE AND PARASITIC DISEASES .....	000-136	1	9.1	...	-	-	200	9.6	8.4	402	18.7	14.9	
MALIGNANT NEOPLASMS .....	140-209	18	163.6	...	13	118.2	58.6	309	14.8	17.6	350	16.2	18.9
BENIGN AND UNSPECIFIED NEOPLASMS .....	210-239	-	-	-	-	-	65	3.1	3.6	73	3.4	4.0	
DIABETES MELLITUS .....	250	5	45.5	...	9	81.8	31.9	82	3.9	4.6	97	4.5	5.4
AVITAMINOSIS AND OTHER NUTRITIONAL DEFICIENCY .....	260-269	-	-	-	3	27.3	15.2	39	1.9	1.7	51	2.4	2.1
OTHER ENDOCRINE AND METABOLIC DISEASES .....	270-279	-	-	-	-	-	7	0.3	0.4	5	0.2	0.3	
ANEMIAS .....	280-285	-	-	-	1	9.1	3.3	87	4.2	4.3	97	4.5	4.6
OTHER DISEASES OF BLOOD AND BLOOD-FORMING ORGANS .....	286-289	1	9.1	...	-	-	-	-	-	-	2	0.1	0.1
MENTAL DISORDERS .....	290-315	-	-	-	-	-	43	2.1	2.5	37	1.7	2.1	
MENINGITIS OF NERVOUS SYSTEM AND SENSE ORGANS .....	320-389	4	36.4	...	1	9.1	13.3	94	4.5	4.0	98	4.5	3.8
ACTIVE RHEUMATIC FEVER .....	390-392	-	-	-	-	-	88	4.2	4.4	66	3.1	3.0	
CHRONIC RHEUMATIC HEART DISEASE .....	393-398	-	-	-	-	-	1	0.0	0.1	-	-	-	
HYPERTENSIVE DISEASE .....	400-404	27	245.5	...	2	18.2	8.1	14	0.7	0.7	12	0.6	0.6
ISCHEMIC HEART DISEASE .....	410-414	16	145.5	...	6	54.5	18.3	243	11.7	13.9	260	12.1	14.1
OTHER FORMS OF HEART DISEASE .....	420-429	6	54.5	...	11	100.0	37.0	955	45.8	52.7	1092	50.7	56.7
CEREBROVASCULAR DISEASE .....	430-438	15	136.4	...	20	181.8	61.1	445	21.4	24.9	474	22.0	25.4
OTHER DISEASES OF CIRCULATORY SYSTEM .....	440-448	4	36.4	...	2	18.2	6.2	116	5.6	6.4	83	3.9	4.3
INFLUENZA .....	470-474	-	-	-	-	-	89	4.3	4.1	65	3.0	2.7	
PNEUMONIA .....	480-486	14	127.3	...	7	63.6	27.3	369	17.7	16.1	393	18.2	16.2
BRONCHITIS, EMPHYSEMA AND ASTHMA .....	490-493	3	27.3	...	6	54.5	31.1	155	7.4	7.5	183	8.5	8.2
OTHER DISEASES OF RESPIRATORY SYSTEM .....	460-466	-	-	-	1	9.1	15.3	111	5.3	5.3	87	4.0	3.8
PEPTIC ULCER .....	500-519	-	-	-	-	-	35	1.7	2.0	28	1.3	1.5	
APPENDICITIS .....	531-533	-	-	-	-	-	7	0.3	0.4	11	0.5	0.5	
INTESTINAL OBSTRUCTION AND HERNIA .....	550-553	-	-	-	-	-	42	2.0	2.2	32	1.5	1.7	
CIRRHOSIS OF LIVER .....	560	1	9.1	...	1	9.1	3.3	86	4.1	5.0	94	4.4	5.2
OTHER DISEASES OF DIGESTIVE SYSTEM .....	570-577	2	18.2	...	1	9.1	3.3	417	20.0	23.2	389	18.1	19.9
NEPHRITIS AND NEPHROSIS .....	580-584	-	-	-	-	-	6	0.3	0.3	10	0.5	0.5	
HYPERPLASIA OF PROSTATE .....	600	-	-	-	2	18.2	16.3	-	-	-	1	0.0	0.0
OTHER DISEASES OF GENITOURINARY SYSTEM .....	590-599	1	9.1	...	2	18.2	6.2	148	7.1	8.1	158	7.3	8.3
ABORTION .....	640-645	-	-	-	-	-	1	0.0	0.1	7	0.3	0.3	
OTHER COMPLICATIONS OF PREGNANCY CHILD BIRTH AND PUERPERIUM .....	630-639	-	-	-	-	-	-	-	-	-	-	-	
CONGENITAL ANOMALIES .....	650-678	-	-	-	4	36.4	48.4	11	0.5	0.4	11	0.5	0.4
BIRTH INJURY, DYSTOCIA AND OTHER HYPOXIC CONDITIONS .....	740-759	-	-	-	-	-	-	-	-	-	-	-	
OTHER CAUSES OF PERINATAL MORTALITY .....	760-779	2	18.2	...	1	9.1	13.3	16	0.8	0.6	20	0.9	0.7
SYMPTOMS AND ILL-DEFINED CONDITIONS .....	780-796	6	54.5	...	7	63.6	25.4	2538	121.8	121.3	2536	117.7	114.5
ALL OTHER DISEASES .....	680-738	-	-	-	-	-	129	6.2	6.6	121	5.6	6.4	
MOTOR VEHICLE ACCIDENTS .....	E810-E823	-	-	-	-	-	329	15.8	15.8	403	18.7	19.4	
ALL OTHER ACCIDENTS .....	E800-E807	6	54.5	...	4	36.4	21.8	534	25.6	26.9	481	22.3	23.9
SUICIDE .....	E825-E849	1	9.1	...	-	-	-	17	0.8	0.9	20	0.9	1.0
HOMICIDE, LEGAL INTERVENTION AND OPERATIONS OF WAR .....	E960-E978	1	9.1	...	-	-	-	456	21.9	22.4	401	18.6	19.9
INJURY UNKNOWN WHETHER ACCIDENTALLY OR PURPOSELY INFLICTED .....	E990-E999	-	-	-	-	-	-	113	5.4	5.8	132	6.1	6.5

Table II-2  
NUMBER OF DEATHS (ICD-8th REVISION) FROM SPECIFIC CAUSES WITH CRUDE AND AGE-ADJUSTED DEATH RATES PER 100,000 POPULATION

CAUSE OF DEATH	NICARAGUA (CONT.)						PANAMA			PARAGUAY (*)			
	1976		1977		1974		1977		1977		1977		
	NUMBER	CRUDE RATE	AGE-ADJ. RATE	NUMBER	CRUDE RATE	AGE-ADJ. RATE	NUMBER	CRUDE RATE	AGE-ADJ. RATE	NUMBER	CRUDE RATE	AGE-ADJ. RATE	
ALL CAUSES .....	12349	553.0	550.7	12492	540.3	536.8	9015	570.6	552.1	12950	824.5	892.7	
CHOLERA .....	000	-	-	-	-	-	-	-	-	-	-	-	
TYPHOID FEVER .....	001	39	1.7	1.8	28	1.2	1.2	2	0.1	0.1	-	-	
PARATYPHOID FEVER AND OTHER .....	002	-	-	-	-	-	1	0.1	0.1	-	-	-	
SALMONELLA INFECTIONS .....	003	-	-	-	-	-	-	-	-	-	-	-	
BACILLARY DYSENTERY AND .....	004	6	0.3	0.3	6	0.3	9	0.6	0.5	10	0.6	0.6	
ENTERITIS AND OTHER DIARRHEAL .....	005	1631	73.0	59.9	1702	73.6	500	31.6	30.7	1748	111.3	138.2	
DISEASES .....	010-012	37	1.7	1.9	25	1.1	1.3	184	11.6	11.8	200	12.7	12.9
TUBERCULOSIS OF RESPIRATORY .....	013-019	41	1.8	2.1	17	0.7	0.8	28	1.8	1.8	13	0.8	0.9
SYSTEM .....	020	-	-	-	-	-	-	-	-	-	-	-	
PLAGUE .....	032	-	-	-	-	-	-	-	-	-	-	-	
DIPHTHERIA .....	033	39	1.7	1.5	53	2.3	1.9	129	8.2	7.9	6	0.4	0.4
WHOOPING COUGH .....	034	-	-	-	-	-	-	-	-	-	-	-	
STREPTOCOCCAL SORE THROAT AND .....	036	-	-	-	-	-	-	-	-	-	-	-	
SCARLET FEVER .....	037	-	-	-	-	-	-	-	-	-	-	-	
MENINGOCOCCAL INFECTION .....	040-043	229	10.3	8.8	237	10.3	8.6	102	6.2	6.1	98	6.2	6.5
TETANUS .....	044-049	-	-	-	-	-	-	-	-	-	6	0.4	0.5
ACUTE POLIOMYELITIS .....	050	-	-	-	-	-	-	-	-	-	-	-	
SMALLPOX .....	053	182	8.2	7.1	170	7.4	6.4	56	3.5	3.4	146	9.3	10.4
MEASLES .....	060	-	-	-	-	-	-	-	-	-	-	-	
YELLOW FEVER .....	062-065	-	-	-	-	-	-	-	-	-	-	-	
VIRAL ENCEPHALITIS .....	070	-	-	-	-	-	-	-	-	-	-	-	
INFECTIOUS HEPATITIS .....	071	-	-	-	-	-	-	-	-	-	-	-	
SHIGELLOSIS AND OTHER .....	080-084	91	4.1	3.8	96	4.2	3.5	11	0.7	0.7	-	-	
TYPHOUS AND OTHER .....	086-087	-	-	-	-	-	-	-	-	-	-	-	
TRYPANOSOMIASIS .....	090-097	2	0.1	0.1	-	-	-	8	0.5	0.5	2	0.1	0.1
SYPHILIS AND ITS SEQUELAE .....	100-136	407	18.2	14.7	350	15.1	12.7	204	12.9	12.5	193	12.3	14.9
ALL OTHER INFECTIVE AND .....	140-209	358	16.0	19.0	395	17.1	20.3	701	44.4	43.6	893	56.9	55.8
PARASITIC DISEASES .....	210-239	64	2.9	3.2	56	2.4	2.8	40	2.5	2.5	17	1.1	1.1
BENIGN AND UNSPECIFIED .....	240-249	99	4.4	5.2	111	4.8	5.8	152	9.6	9.3	190	12.1	11.1
DIABETES MELLITUS .....	250	-	-	-	-	-	-	-	-	-	-	-	
NEPHROSIS .....	260-269	39	1.7	1.5	50	2.2	1.7	99	6.3	6.0	142	9.0	11.7
AVITAMINOSES AND OTHER .....	270-279	1	0.0	0.0	5	0.2	0.3	23	1.5	1.5	11	0.7	0.7
NUTRITIONAL DEFICIENCY .....	280-285	87	3.9	3.9	85	3.7	3.6	157	9.9	9.7	66	4.2	4.0
OTHER ENDOCRINE AND METABOLIC .....	286-289	2	0.1	0.1	-	-	-	13	0.8	0.8	8	0.5	0.6
DISEASES .....	290-315	46	2.1	2.3	56	2.4	2.9	6	0.4	0.4	52	3.3	3.4
ANEMIAS .....	320	99	4.4	3.7	72	3.1	2.6	58	3.7	3.5	121	7.7	9.8
OTHER DISEASES OF BLOOD AND .....	321-389	85	3.8	3.8	104	4.5	6.3	77	4.9	4.9	131	8.3	9.4
BLOOD-FORMING ORGANS .....	390-392	-	-	-	-	-	-	-	-	-	-	-	
MENTAL DISORDERS .....	393-398	1	0.0	0.0	3	0.1	0.1	4	0.3	0.2	5	0.3	0.3
MENINGITIS .....	399-399	1	0.0	0.0	3	0.1	0.1	4	0.3	0.2	5	0.3	0.3
OTHER DISEASES OF NERVOUS SYSTEM .....	400-404	33	1.5	1.8	39	1.7	2.0	36	2.3	2.3	33	2.1	2.0
ACTIVE RHEUMATIC FEVER .....	410-414	220	9.9	11.6	203	8.8	10.3	86	5.4	5.3	70	4.5	4.1
CHRONIC RHEUMATIC HEART DISEASE .....	420-429	1215	54.4	60.8	1159	50.1	56.7	745	47.2	44.4	494	31.5	28.4
HYPERTENSIVE DISEASE .....	430-438	474	21.2	23.8	441	19.1	22.0	611	38.7	36.7	901	57.4	51.6
ISCHEMIC HEART DISEASE .....	440-448	94	4.2	4.7	108	4.7	5.2	199	12.6	11.7	150	9.6	8.4
OTHER FORMS OF HEART DISEASE .....	450-458	103	4.6	4.2	64	2.8	2.6	125	7.9	7.6	73	4.6	4.8
CEREBROVASCULAR DISEASE .....	460-466	487	21.8	20.0	442	19.1	17.1	532	33.7	32.2	985	62.7	76.9
OTHER DISEASES OF CIRCULATORY .....	470-474	-	-	-	-	-	-	-	-	-	-	-	
SYSTEM .....	480-486	216	9.7	9.1	234	10.1	9.8	227	14.4	13.8	200	12.7	15.5
INFLUENZA .....	490-493	121	5.4	5.3	93	4.0	3.9	179	11.3	10.9	287	18.3	19.3
PNEUMONIA .....	494-499	28	1.3	1.5	28	1.2	1.5	38	2.4	2.4	25	1.6	1.5
BRONCHITIS, EMPHYSEMA .....	500-519	7	0.3	0.3	15	0.6	0.7	7	0.4	0.5	15	1.0	0.9
AND ASTHMA .....	520-571	33	1.5	1.6	32	1.4	1.5	42	2.7	2.5	98	6.2	6.2
OTHER DISEASES OF RESPIRATORY .....	572-577	103	4.6	5.6	84	3.6	4.3	51	3.2	3.3	86	5.5	5.6
SYSTEM .....	580-584	429	19.2	21.2	449	19.4	21.3	131	8.3	8.2	169	10.8	10.4
NEPHRITIS AND NEPHROSIS .....	585-594	4	0.2	0.2	6	0.3	0.3	75	4.7	4.7	65	4.1	4.1
HYPERPLASIA OF PROSTATE .....	595-599	-	-	-	-	-	-	14	0.9	0.8	27	1.7	1.5
OTHER DISEASES OF GENITOURINARY .....	600-629	170	7.6	8.5	164	7.1	8.0	65	4.1	4.0	154	9.8	9.5
SYSTEM .....	630-639	6	0.3	0.3	4	0.2	0.2	1	0.1	0.1	26	1.7	1.8
ABORTION .....	640-645	72	3.2	3.6	80	3.5	3.7	43	2.7	2.8	123	7.8	8.7
OTHER COMPLICATIONS OF PREGNANCY .....	650-678	7	0.3	0.2	8	0.3	0.3	115	7.3	6.9	92	5.9	8.0
CHILD BIRTH AND PUERPERIUM .....	764-768	20	0.9	0.7	21	0.9	0.7	216	13.7	12.9	237	15.1	23.5
CONGENITAL ANOMALIES .....	772-776	74	3.3	2.5	52	2.2	1.7	215	13.6	12.9	314	20.0	30.4
BIRTH INJURY, DYSTOCIA AND .....	780-796	3206	143.6	140.2	3367	145.6	141.7	1472	93.2	89.6	2506	159.6	165.4
OTHER HYPOXIC CONDITIONS .....	797-798	117	5.2	5.9	132	5.7	6.4	74	4.7	4.5	56	3.6	3.9
OTHER CAUSES OF PERINATAL .....	800-807	306	13.7	14.5	394	17.0	17.3	250	15.8	16.0	161	10.3	10.8
MORTALITY .....	808-809	609	27.3	28.6	538	23.3	24.3	413	26.1	25.9	404	25.7	26.0
SYMPTOMS AND ILL-DEFINED .....	810-823	14	0.6	0.7	21	0.9	0.9	48	3.0	3.1	50	3.2	3.2
CONDITIONS .....	824-838	309	13.8	14.8	693	30.0	32.4	46	2.9	3.0	194	12.4	13.2
ALL OTHER DISEASES .....	839-887	287	12.9	13.7	-	-	-	130	8.2	8.3	50	3.2	3.3
NOTOR VEHICLE ACCIDENTS .....	888-899	-	-	-	-	-	-	-	-	-	-	-	
ALL OTHER ACCIDENTS .....	900-978	-	-	-	-	-	-	-	-	-	-	-	
SUICIDE .....	979-999	-	-	-	-	-	-	-	-	-	-	-	
HOMICIDE, LEGAL INTERVENTION .....	E000-E999	-	-	-	-	-	-	-	-	-	-	-	
AND OPERATIONS OF WAR .....	E980-E989	-	-	-	-	-	-	-	-	-	-	-	
INJURY UNKNOWN WHETHER ACCIDENTALLY .....	-	-	-	-	-	-	-	-	-	-	-	-	
OR PURPOSELY INFLECTED .....	-	-	-	-	-	-	-	-	-	-	-	-	

(\*) AREA OF INFORMATION ONLY.

Table II-2  
NUMBER OF DEATHS (ICD-8th REVISION) FROM SPECIFIC CAUSES WITH CRUDE AND  
AGE-ADJUSTED DEATH RATES PER 100,000 POPULATION

CAUSE OF DEATH	PARAGUAY (*) (CONT.)						PERU						
	1978		1973		1977		1978		1978		1978		
	NUMBER	CRUDE RATE	AGE-ADJ. RATE	NUMBER	CRUDE RATE	AGE-ADJ. RATE	NUMBER	CRUDE RATE	AGE-ADJ. RATE	NUMBER	CRUDE RATE	AGE-ADJ. RATE	
ALL CAUSES .....	13015	787.8	843.6	104843	716.6	703.3	81216	496.5	521.7	81806	486.4	500.0	
CHOLERA .....	000	-	-	-	-	-	-	-	-	-	-	-	
TYPHOID FEVER .....	001	4	0.2	400	2.7	2.6	492	3.0	3.0	340	2.0	2.0	
PARATYPHOID FEVER AND OTHER .....	002	-	-	677	4.6	4.3	261	1.6	1.7	477	2.8	3.0	
SALMONELLA INFECTIONS .....	004,006	7	0.4	126	0.9	0.9	126	0.8	0.8	113	0.7	0.7	
BACILLARY DYSENTERY AND .....	008,009	1591	96.3	1194.6	11945	81.6	74.7	10239	62.6	67.2	9340	55.5	58.3
ENTERITIS AND OTHER DIARRHEAL .....	010-012	214	13.0	13.3	3974	27.2	28.7	2984	18.2	18.7	3522	20.9	21.1
TUBERCULOSIS OF RESPIRATORY .....	013-019	17	1.0	1.1	641	4.4	4.4	701	4.3	4.3	531	3.2	3.2
SYSTEM .....	020	12	0.7	0.8	1	0.0	0.0	5	0.0	0.0	-	-	-
PLAGUE .....	032	10	0.6	0.9	1767	12.1	10.5	847	5.2	5.3	713	4.2	4.4
DIPHTHERIA .....	033	-	-	-	-	-	-	-	-	-	-	-	
WHOOPING COUGH .....	034	1	0.1	0.1	444	3.0	2.7	36	0.2	0.2	10	0.1	0.0
SCARLET FEVER .....	036	72	4.6	5.8	525	3.7	3.3	437	2.9	3.0	431	2.6	2.8
MENINGOCOCCAL INFECTION .....	040-043	4	0.2	0.3	20	0.1	0.1	26	0.2	0.2	25	0.1	0.2
ACUTE POLIOMYELITIS .....	050	-	-	-	-	-	-	-	-	-	-	-	
SMALLPOX .....	055	37	2.2	2.6	2928	20.0	17.9	1450	8.9	8.8	1025	6.1	6.2
MEASLES .....	060	-	-	-	-	-	-	-	-	-	-	-	
YELLOW FEVER .....	062-065	3	0.2	0.2	19	0.1	0.1	20	0.1	0.1	16	0.1	0.1
VIRAL ENCEPHALITIS .....	070	12	0.7	0.7	133	0.9	0.9	150	0.9	0.9	157	0.9	0.9
INFECTIOUS HEPATITIS .....	080-083	-	-	-	-	-	-	-	-	-	-	-	
RABIES AND OTHER RICKETTSIOSIS .....	084	1	0.1	0.1	19	0.1	0.1	23	0.1	0.1	22	0.1	0.1
MALARIA .....	086,087	1	0.1	0.1	1	0.0	0.0	2	0.0	0.0	2	0.0	0.0
TRYPANOSOMIASIS .....	090-097	13	0.8	1.1	76	0.5	0.5	27	0.2	0.2	50	0.3	0.3
SYPHILIS AND ITS SEQUELAE .....	100-136	190	11.5	14.5	1689	11.5	10.8	1918	11.7	12.5	2741	16.3	17.2
ALL OTHER INFECTIVE AND .....	140-209	921	55.8	53.9	5208	35.6	39.2	5350	32.7	34.2	5722	34.0	35.3
PARASITIC DISEASES .....	210-239	13	0.8	0.7	212	1.4	1.5	357	2.2	2.3	152	0.9	0.9
MALIGNANT NEOPLASMS .....	240-279	178	10.8	9.9	576	3.9	4.4	657	4.0	4.2	611	3.6	3.7
BENIGN AND UNSPECIFIED .....	280-289	9	0.5	0.6	71	0.5	0.5	61	0.4	0.4	42	0.2	0.3
NEOPLASMS .....	290-315	57	3.5	3.4	211	1.4	1.5	289	1.8	1.9	183	1.1	1.1
DIABETES MELLITUS .....	320	124	7.5	9.5	897	6.1	5.7	721	4.4	4.6	872	5.2	5.3
AVITAMINOSIS AND OTHER .....	321-389	107	6.5	7.2	993	6.8	6.8	889	5.4	5.6	928	5.5	5.6
NUTRITIONAL DEFICIENCY .....	390-392	6	0.4	0.4	33	0.2	0.2	60	0.4	0.4	42	0.2	0.3
AND SENSE ORGANS .....	393-398	23	1.4	1.4	365	2.5	2.7	181	1.1	1.2	148	0.9	0.9
ACTIVE RHEUMATIC FEVER .....	400-404	117	7.1	6.4	645	4.5	5.0	715	4.4	4.6	525	3.1	3.2
CHRONIC RHEUMATIC HEART DISEASE .....	410-414	672	40.7	36.5	2266	15.5	17.6	1963	12.0	12.6	2032	12.1	12.6
HYPERTENSIVE DISEASE .....	420-429	807	48.8	43.1	2228	15.2	16.9	2273	13.9	14.4	2589	15.4	15.8
ISCHEMIC HEART DISEASE .....	430-438	1015	61.4	54.1	2164	14.8	16.5	1890	11.6	12.0	2207	13.1	13.5
OTHER FORMS OF HEART DISEASE .....	440-448	183	11.1	9.6	1379	9.4	10.8	1515	9.3	9.7	1377	8.2	8.4
CEREBROVASCULAR DISEASE .....	450-458	50	3.0	2.9	3714	25.4	23.6	1468	9.0	9.6	889	5.3	5.4
OTHER DISEASES OF CIRCULATORY .....	460-466	847	51.3	62.6	17697	121.0	116.8	12193	74.5	79.2	12023	71.5	74.6
SYSTEM .....	490-493	163	9.9	11.1	5700	39.0	35.1	3574	21.8	23.4	3231	19.2	20.1
INFLUENZA .....	500-519	373	22.6	24.9	2802	19.2	18.7	2024	12.4	13.2	2702	16.1	16.7
AND ASTHMA .....	520-577	169	10.2	9.7	2349	16.1	16.3	1623	9.9	10.3	1761	10.5	10.6
OTHER DISEASES OF RESPIRATORY .....	580-584	37	2.2	2.3	681	4.7	4.9	658	4.0	4.1	590	3.5	3.5
SYSTEM .....	590-600	23	1.4	1.2	89	0.6	0.7	110	0.7	0.7	180	1.1	1.1
PEPTIC ULCER .....	601-629	156	9.4	8.8	852	5.8	6.1	915	5.6	5.8	1215	7.2	7.3
APPENDICITIS .....	640-645	23	1.4	1.5	65	0.4	0.4	55	0.3	0.3	59	0.4	0.3
INTESTINAL OBSTRUCTION AND .....	650-678	128	7.7	8.6	940	6.4	6.5	685	4.2	4.2	631	3.8	3.6
HERNIA .....	740-759	100	6.1	8.6	648	4.4	4.0	765	4.7	5.3	721	4.3	4.6
CIRRHOSIS OF LIVER .....	764-768	237	14.3	22.7	1811	12.4	10.9	1169	7.1	8.1	1837	10.9	11.7
OTHER DISEASES OF DIGESTIVE .....	772-776	347	21.0	33.2	1521	10.4	9.2	2414	14.8	17.1	1744	10.4	11.5
SYSTEM .....	780-796	2555	154.7	159.4	9933	67.9	66.0	6423	39.3	39.5	6908	41.1	39.5
ABORTION .....	800-807	43	2.6	2.5	869	5.9	6.3	777	4.8	5.0	715	4.3	4.4
OTHER COMPLICATIONS OF PREGNANCY .....	810-823	188	11.4	11.9	944	6.5	6.5	909	5.6	5.6	889	5.3	5.2
CHILD BIRTH AND PUERPERIUM .....	880-887	430	26.0	25.9	3424	23.4	23.4	2058	12.4	12.6	2075	12.3	12.2
CONGENITAL ANOMALIES .....	890-899	54	3.3	3.5	289	2.0	2.0	220	1.3	1.3	234	1.4	1.4
BIRTH INJURY, DYSTOCIA AND .....	900-978	214	13.0	13.9	232	1.6	1.5	167	1.0	1.0	239	1.4	1.4
OTHER HYOXIC CONDITIONS .....	980-989	54	3.3	3.5	1639	11.2	11.3	1235	7.6	7.5	1226	7.3	7.2
OTHER CAUSES OF PERINATAL .....													
MORTALITY .....													
SYMPTOMS AND ILL-DEFINED .....													
CONDITIONS .....													
ALL OTHER DISEASES .....													
MOTOR VEHICLE ACCIDENTS .....													
ALL OTHER ACCIDENTS .....													
SUICIDE .....													
HOMICIDE, LEGAL INTERVENTION .....													
AND OPERATIONS OF WAR .....													
INJURY UNKNOWN WHETHER ACCIDENTALLY .....													
OR PURPOSELY INFLICTED .....													

(\*) AREA OF INFORMATION ONLY.



Table II-2  
 NUMBER OF DEATHS (ICD-8th REVISION) FROM SPECIFIC CAUSES WITH CRUDE AND  
 AGE-ADJUSTED DEATH RATES PER 100,000 POPULATION

CAUSE OF DEATH	PUERTO RICO						ST. KITTS-NEVIS AND ANGUILLA (*)					
	1976		1977		1976		1977		1976		1977	
	NUMBER	CRUDE RATE	AGE-ADJ. RATE	NUMBER	CRUDE RATE	AGE-ADJ. RATE	NUMBER	CRUDE RATE	AGE-ADJ. RATE	NUMBER	CRUDE RATE	AGE-ADJ. RATE
ALL CAUSES .....	19893	619.1	426.8	19895	599.2	410.1	476	1012.8	698.1	502	1056.8	758.1
CHOLERA .....	000	-	-	-	-	-	-	-	-	-	-	-
TYPHOID FEVER .....	001	-	-	-	-	-	-	-	-	-	-	-
PARATYPHOID FEVER AND OTHER .....	002,003	5	0.2	9	0.3	0.3	-	-	-	-	-	-
BACILLARY DYSENTERY AND AMEBIASIS .....	004,006	-	-	-	-	-	-	-	-	1	2.1	1.1
ENTERITIS AND OTHER DIARRHEAL DISEASES .....	008,009	125	3.9	4.1	113	3.4	3.5	12	25.5	22	46.3	53.1
TUBERCULOSIS OF RESPIRATORY SYSTEM .....	010-012	179	5.6	3.7	190	5.7	3.6	1	2.1	0.9	-	-
OTHER TUBERCULOSIS .....	013-019	6	0.2	0.2	8	0.2	0.2	-	-	-	-	-
PLAGUE .....	020	-	-	-	-	-	-	-	-	-	-	-
DIPHTHERIA .....	032	-	-	-	-	-	-	-	-	-	-	-
WHOOPING COUGH .....	033	-	-	1	0.0	0.0	-	-	-	-	-	-
STREPTOCOCCAL SORE THROAT AND SCARLET FEVER .....	034	-	-	-	-	-	-	-	-	-	-	-
MENINGOCOCCAL INFECTION .....	036	3	0.1	0.1	1	0.0	0.0	-	-	-	-	-
TETANUS .....	037	8	0.2	0.2	10	0.3	0.2	1	2.1	0.9	1	2.1
ACUTE POLIOMYELITIS .....	040-043	2	0.1	0.1	-	-	-	-	-	-	-	-
SMALLPOX .....	055	-	-	-	-	-	-	-	-	-	-	-
MEASLES .....	055	-	-	1	0.0	0.0	-	-	-	-	-	-
YELLOW FEVER .....	060	-	-	-	-	-	-	-	-	-	-	-
VIRAL ENCEPHALITIS .....	062-065	1	0.0	0.0	9	0.3	0.2	1	2.1	0.9	2	4.2
INFECTIOUS HEPATITIS .....	070	1	0.2	0.1	-	-	-	-	-	-	-	-
RABIES .....	071	-	-	-	-	-	-	-	-	-	-	-
TYPHUS AND OTHER RICKETTSIOSIS .....	080-083	-	-	-	-	-	-	-	-	-	-	-
MALARIA .....	084	-	-	-	-	-	-	-	-	-	-	-
TRYPANOSOMIASIS .....	086,087	-	-	-	-	-	-	-	-	-	-	-
SYPHILIS AND ITS SEQUELAE .....	096-097	3	0.1	0.1	2	0.1	0.1	1	2.1	2.8	-	-
ALL OTHER INFECTIVE AND PARASITIC DISEASES .....	100-136	124	3.9	3.7	196	5.9	6.2	2	4.3	4.2	9	18.9
MALIGNANT NEOPLASMS .....	140-209	2852	88.8	56.5	3068	92.4	57.8	57	121.3	76.8	47	98.9
BENIGN AND UNSPECIFIED NEOPLASMS .....	210-239	59	1.8	1.5	61	1.8	1.4	1	2.1	1.4	5	10.5
DIABETES MELLITUS .....	250	648	20.2	11.8	551	16.6	9.5	7	14.9	8.1	20	42.1
AVITAMINOSIS AND OTHER NUTRITIONAL DEFICIENCY .....	260-269	37	1.2	0.7	52	1.6	0.9	24	51.1	41.6	27	56.8
OTHER ENDOCRINE AND METABOLIC DISEASES .....	240-279	30	0.9	0.8	34	1.0	0.7	-	-	-	2	4.2
ANEMIAS .....	280-285	110	3.4	2.2	72	2.2	1.4	1	2.1	2.8	4	8.4
OTHER DISEASES OF BLOOD AND BLOOD-FORMING ORGANS .....	286-289	8	0.2	0.2	6	0.2	0.2	1	2.1	0.9	1	2.1
MENTAL DISORDERS .....	290-315	98	3.1	2.2	67	2.0	1.5	1	2.1	0.9	4	8.4
MENTINGITIS .....	320	63	2.0	2.0	56	1.7	1.8	1	2.1	1.8	3	6.3
OTHER DISEASES OF NERVOUS SYSTEM AND SENSE ORGANS .....	321-389	219	6.8	6.1	225	6.8	5.9	6	12.8	13.8	9	18.9
ACTIVE RHEUMATIC FEVER .....	390-392	8	0.2	0.2	10	0.3	0.2	-	-	-	1	2.1
CHRONIC RHEUMATIC HEART DISEASE .....	393-398	30	0.9	0.7	45	1.4	1.0	5	10.6	8.8	4	8.4
HYPERTENSIVE DISEASE .....	400-404	489	15.2	9.0	546	16.4	9.8	17	36.2	20.8	26	54.7
ISCHEMIC HEART DISEASE .....	410-414	4081	127.0	71.3	3850	116.0	64.0	35	74.5	34.4	43	90.5
OTHER FORMS OF HEART DISEASE .....	420-429	966	30.1	18.2	987	29.7	17.7	17	36.2	17.9	14	29.5
CEREBROVASCULAR DISEASE .....	430-438	1687	52.5	29.4	1716	51.7	28.2	78	166.0	102.6	76	160.0
OTHER DISEASES OF CIRCULATORY SYSTEM .....	440-448	1264	39.3	21.5	1288	38.8	20.6	11	23.4	16.2	12	25.3
INFLUENZA .....	470-474	109	3.4	1.8	31	0.9	0.5	3	6.4	2.8	1	2.1
PNEUMONIA .....	480-486	1040	32.4	22.5	965	29.1	20.8	37	78.7	55.6	14	29.5
BRONCHITIS, EMPHYSEMA AND ASTHMA .....	490-493	250	7.8	4.8	259	7.8	4.8	3	6.4	4.7	3	6.3
OTHER DISEASES OF RESPIRATORY SYSTEM .....	460-466	350	10.9	7.0	387	11.7	7.3	2	4.3	2.3	4	8.4
PEPTIC ULCER .....	531-533	81	2.5	1.6	79	2.4	1.4	1	2.1	0.9	4	8.4
APPENDICITIS .....	540-543	15	0.5	0.4	11	0.3	0.3	-	-	-	-	-
INTESTINAL OBSTRUCTION AND HERNIA .....	550-553	71	2.2	1.7	60	1.8	1.3	1	2.1	1.4	2	4.2
CIRRHOSIS OF LIVER .....	570	737	22.9	16.8	710	21.4	16.0	4	8.5	7.8	5	10.5
OTHER DISEASES OF DIGESTIVE SYSTEM .....	520-577	337	10.5	7.8	397	12.0	8.8	10	21.3	20.7	8	16.8
NEPHRITIS AND NEPHROSIS .....	580-584	126	3.9	2.8	57	2.9	2.1	5	10.6	9.3	2	4.2
HYPERPLASIA OF PROSTATE .....	600	8	0.2	0.1	4	0.1	0.1	4	8.5	4.2	2	4.2
OTHER DISEASES OF GENITOURINARY SYSTEM .....	590-599	199	6.2	3.9	206	6.2	4.0	5	10.6	5.2	10	21.1
ABORTION .....	640-645	-	-	-	-	-	-	-	-	-	-	-
OTHER COMPLICATIONS OF PREGNANCY .....	630-639	9	0.3	0.3	10	0.3	0.3	2	4.3	6.1	1	2.1
CHILD BIRTH AND PUERPERAL CONGESTIONAL ANOMALIES .....	650-678	219	6.8	9.0	229	6.9	9.2	4	8.5	7.4	6	12.6
BIRTH INJURY, DYSTOCIA AND OTHER HYPOXIC CONDITIONS .....	740-759	506	15.7	21.9	483	14.5	20.0	8	17.0	22.2	1	2.1
OTHER CAUSES OF PERINATAL MORTALITY .....	772,776	344	10.7	14.9	360	10.8	15.0	13	27.7	36.1	10	21.1
SYMPTOMS AND ILL-DEFINED CONDITIONS .....	780-796	500	15.6	10.0	451	13.6	8.3	82	174.5	96.0	70	147.4
ALL OTHER DISEASES .....	680-738	71	2.2	1.4	70	2.1	1.3	3	6.4	8.3	7	14.7
MOTOR VEHICLE ACCIDENTS .....	E810-E823	520	16.2	14.5	547	16.5	14.6	-	-	-	-	-
ALL OTHER ACCIDENTS .....	E800-E807	461	14.3	13.1	433	13.0	11.8	9	19.1	19.0	19	40.0
SUICIDE .....	E825-E949	283	8.8	7.7	314	9.5	8.0	-	-	-	-	-
HOMICIDE, LEGAL INTERVENTION AND OPERATIONS OF WAR .....	E950-E978	449	14.0	13.1	487	14.7	13.7	-	-	-	-	-
INJURY UNKNOWN WHETHER ACCIDENTALLY OR PURPOSELY INFLECTED .....	E980-E989	58	3.1	2.6	129	3.9	3.3	-	-	-	-	-

(\*) EXCLUDING ANGUILLA.

Table II-2  
NUMBER OF DEATHS (ICD-8th REVISION) FROM SPECIFIC CAUSES WITH CRUDE AND  
AGE-ADJUSTED DEATH RATES PER 100,000 POPULATION

CAUSE OF DEATH	ST. KITTS-NEVIS AND ANGUILLA (*) (CONT.)			ST. LUCIA			ST. PIERRE AND MIQUELON					
	1978		1977		1978		1976					
	NUMBER	CRUDE RATE	AGE-ADJ. RATE	NUMBER	CRUDE RATE	AGE-ADJ. RATE	NUMBER	CRUDE RATE	AGE-ADJ. RATE			
ALL CAUSES .....	466	962.8	694.8	817	680.8	547.8	790	658.3	...	33	660.0	398.8
CHOLERA .....	000	-	-	-	-	-	-	-	-	-	-	-
TYPHOID FEVER .....	001	-	-	1	0.8	0.7	2	1.7	...	-	-	-
PARATYPHOID FEVER AND OTHER SALMONELLA INFECTIONS .....	002-003	-	-	-	-	-	-	-	-	-	-	-
BACILLARY DYSENTERY AND AMEBIASIS .....	004-006	-	-	-	-	-	-	-	-	-	-	-
ENTERITIS AND OTHER DIARRHEAL DISEASES .....	008-009	18	37.2	36.6	18	15.0	13.9	34	28.3	...	-	-
TUBERCULOSIS OF RESPIRATORY SYSTEM .....	010-012	2	4.1	4.2	12	10.0	9.5	17	14.2	...	1	20.0
OTHER TUBERCULOSIS .....	013-014	-	-	-	-	-	-	2	1.7	...	-	-
PLAGUE .....	020	-	-	-	-	-	-	-	-	-	-	-
DIPHTHERIA .....	032	-	-	-	2	1.7	1.4	-	-	-	-	-
WHOOPING COUGH .....	033	-	-	-	-	-	-	-	-	-	-	-
STREPTOCOCCAL SORE THROAT AND SCARLET FEVER .....	034	-	-	-	-	-	-	-	-	-	-	-
MENINGOCOCCAL INFECTION .....	036	-	-	-	-	-	-	-	-	-	-	-
TETANUS .....	037	-	-	-	3	2.5	2.6	-	-	-	-	-
ACUTE POLIOMYELITIS .....	040-043	-	-	-	-	-	-	1	0.8	...	-	-
SMALLPOX .....	050	-	-	-	-	-	-	-	-	-	-	-
MEASLES .....	055	-	-	2	1.7	1.5	-	-	-	-	-	-
YELLOW FEVER .....	060	-	-	-	-	-	-	-	-	-	-	-
VIRAL ENCEPHALITIS .....	062-065	1	2.1	3.0	-	-	-	2	1.7	...	-	-
INFECTIOUS HEPATITIS .....	070	-	-	-	-	-	-	-	-	-	-	-
RABIES AND OTHER RICKETTSIOSIS TYPHUS AND OTHER .....	080-083	-	-	-	-	-	-	-	-	-	-	-
MALARIA .....	084	-	-	-	-	-	-	-	-	-	-	-
TRYPANOSOMIASIS .....	086, 087	-	-	-	3	2.5	2.0	-	-	-	-	-
SYPHILIS AND ITS SEQUELAE .....	090-097	1	2.1	1.9	-	-	-	-	-	-	-	-
ALL OTHER INFECTIVE AND PARASITIC DISEASES .....	000-136	2	4.1	2.2	7	5.8	5.5	17	14.2	...	-	-
MALIGNANT NEOPLASMS .....	140-209	39	80.6	62.3	61	50.8	42.0	39	32.5	...	9	180.0
BENIGN AND UNSPECIFIED NEOPLASMS .....	210-239	2	4.1	2.2	15	12.5	11.1	40	33.3	...	-	-
DIABETES MELLITUS .....	250	19	39.3	19.9	21	17.5	15.0	16	13.3	...	-	-
AVITAMINOSES AND OTHER NUTRITIONAL DEFICIENCY .....	260-269	23	47.5	34.1	6	5.0	4.1	5	4.2	...	-	-
OTHER ENDOCRINE AND METABOLIC DISEASES .....	240-279	1	2.1	1.6	1	0.8	0.7	3	2.5	...	-	-
ANEMIAS .....	280-285	6	12.4	12.9	7	5.8	5.1	5	4.2	...	-	-
OTHER DISEASES OF BLOOD AND BLOOD-FORMING ORGANS .....	286-289	-	-	-	1	0.8	1.1	2	1.7	...	-	-
MENTAL DISORDERS .....	290-315	5	10.3	9.8	5	4.2	3.3	5	4.2	...	-	-
MENINGITIS .....	320	4	8.3	7.7	11	9.2	8.8	1	0.8	...	-	-
OTHER DISEASES OF NERVOUS SYSTEM AND SENSE ORGANS .....	321-389	6	12.4	10.4	12	10.0	8.9	13	10.8	...	-	-
ACTIVE RHEUMATIC FEVER .....	390-392	2	4.1	3.1	-	-	-	7	-	-	-	-
CHRONIC RHEUMATIC HEART DISEASE AND OTHER .....	393-398	14	28.9	14.2	2	1.7	2.1	7	5.8	...	-	-
HYPERTENSIVE DISEASE .....	400-404	47	97.1	51.0	52	43.3	35.6	32	26.7	...	1	20.0
ISCHEMIC HEART DISEASE .....	410-414	29	59.9	36.5	85	70.8	52.0	82	68.3	...	2	40.0
OTHER FORMS OF HEART DISEASE .....	420-429	88	181.8	104.0	83	69.2	51.4	114	95.0	...	7	140.0
CEREBROVASCULAR DISEASE OTHER DISEASES OF CIRCULATORY SYSTEM .....	430-438 440-448 450-458	9	18.6	11.0	11	9.2	6.5	18	15.0	...	1	20.0
INFLUENZA .....	470-474	3	6.2	4.4	-	-	-	-	-	-	4	80.0
PNEUMONIA .....	480-486	27	55.8	45.5	46	38.3	30.4	63	52.5	...	-	-
BRONCHITIS, EMPHYSEMA AND ASTHMA .....	490-493	1	2.1	1.2	28	23.3	18.4	16	13.3	...	-	-
OTHER DISEASES OF RESPIRATORY SYSTEM .....	460-466 500-519	7	14.5	9.7	10	8.3	8.4	9	7.5	...	-	-
PEPTIC ULCER .....	531-533	1	2.1	1.2	1	0.8	0.4	-	-	-	-	-
APPENDICITIS .....	540-543	-	-	-	-	-	-	-	-	-	-	-
INTESTINAL OBSTRUCTION AND HERNIA .....	550-553 560	1	2.1	1.2	3	2.5	1.9	2	1.7	...	-	-
CIRRHOSIS OF LIVER .....	571	8	16.5	16.4	29	24.2	24.1	14	11.7	...	3	60.0
OTHER DISEASES OF DIGESTIVE SYSTEM .....	520-577	7	14.5	13.0	9	7.5	5.7	6	5.0	...	-	-
NEPHRITIS AND NEPHROSIS .....	580-584	4	8.3	5.1	4	3.3	2.8	4	3.3	...	1	20.0
HYPERPLASIA OF PROSTATE .....	600	1	2.1	1.0	-	-	-	6	5.0	...	-	-
OTHER DISEASES OF GENITOURINARY SYSTEM .....	590-599 601-629	5	10.3	6.2	5	4.2	3.4	8	6.7	...	-	-
ABORTION .....	640-645	-	-	-	-	-	-	-	-	-	-	-
OTHER COMPLICATIONS OF PREGNANCY CHILD BIRTH AND PUERPERIUM .....	630-639 650-678	1	2.1	2.4	2	1.7	2.6	2	1.7	...	-	-
CONGENITAL ANOMALIES .....	740-759	3	6.2	8.9	10	8.3	6.8	10	8.3	...	-	-
BIRTH INJURY, DYSTOCIA AND OTHER HYPOXIC CONDITIONS .....	760-768 772-776	2	4.1	6.0	5	4.2	0.8	13	10.8	...	-	-
OTHER CAUSES OF PERINATAL MORTALITY .....	760-779	17	35.1	50.7	19	15.8	13.8	19	15.8	...	1	20.0
SYMPTOMS AND ILL-DEFINED CONDITIONS .....	780-796	48	99.2	74.4	162	135.0	94.3	113	94.2	...	2	40.0
ALL OTHER DISEASES .....	680-738	4	8.3	4.2	4	3.3	2.1	2	1.7	...	-	-
MOTOR VEHICLE ACCIDENTS .....	E810-E823	-	-	-	-	-	-	-	-	-	-	-
ALL OTHER ACCIDENTS .....	E800-E807 E825-E949	8	16.5	14.5	41	34.2	35.3	33	27.5	...	1	20.0
SUICIDE .....	E950-E959	-	-	-	-	-	-	-	-	-	-	-
HOMICIDE - LEGAL INTERVENTION .....	E960-E978	-	-	-	-	-	-	-	-	-	-	-
AND OPERATIONS OF WAR .....	E990-E999	-	-	-	-	-	-	-	-	-	-	-
INJURY UNKNOWN WHETHER ACCIDENTALLY OR PURPOSELY INFLECTED .....	E980-E989	1	0.8	1.3	-	-	-	-	-	-	-	-

(\*) EXCLUDING ANGUILLA.





Table II-2  
 NUMBER OF DEATHS (ICD-8th REVISION) FROM SPECIFIC CAUSES WITH CRUDE AND  
 AGE-ADJUSTED DEATH RATES PER 100,000 POPULATION

CAUSE OF DEATH	TRINIDAD AND TOBAGO (CONT.)			TURKS AND CAICOS ISLANDS			UNITED STATES						
	1977		AGE- ADJ. RATE	1973		AGE- ADJ. RATE	1976		1977				
	NUMBER	CRUDE RATE		NUMBER	CRUDE RATE		NUMBER	CRUDE RATE	NUMBER	CRUDE RATE	AGE- ADJ. RATE		
ALL CAUSES .....	7311	653.6	637.2	52	866.8	...	1909440	877.6	422.1	11899597	864.4	410.5	
CHOLERA .....	000	-	-	-	-	-	-	-	-	-	-	-	
TYPHOID FEVER .....	001	3	0.3	0.3	-	-	2	0.0	0.0	3	0.0	0.0	
PARATYPHOID FEVER AND OTHER SALMONELLA INFECTIONS .....	002,003	-	-	-	-	-	61	0.0	0.0	73	0.0	0.0	
BACILLARY DYSENTERY AND AMEBIASIS .....	004,006	1	0.1	0.1	-	-	55	0.0	0.0	53	0.0	0.0	
ENTERITIS AND OTHER DIARRHEAL DISEASES .....	008,009	245	21.9	27.8	4	66.7	...	1939	0.9	1.0	1855	0.8	0.9
TUBERCULOSIS OF RESPIRATORY SYSTEM .....	010-012	26	2.3	1.9	-	-	2419	1.1	0.5	2324	1.1	0.5	
OTHER TUBERCULOSIS .....	013-019	1	0.1	0.1	-	-	711	0.3	0.2	644	0.3	0.1	
PLAGUE .....	020	-	-	-	-	-	2	0.0	0.0	-	-	-	
DIPHTHERIA .....	032	1	0.1	0.1	-	-	7	0.0	0.0	5	0.0	0.0	
WHOOPING COUGH .....	033	-	-	-	-	-	7	0.0	0.0	10	0.0	0.0	
STREPTOCOCCAL SORE THROAT AND SCARLET FEVER .....	034	-	-	-	-	-	14	0.0	0.0	14	0.0	0.0	
MENINGOCOCCAL INFECTION .....	036	-	-	-	-	-	330	0.2	0.2	338	0.2	0.2	
TETANUS .....	037	7	0.6	0.6	-	-	32	0.0	0.0	24	0.0	0.0	
ACUTE POLIOMYELITIS .....	040-043	-	-	-	-	-	16	0.0	0.0	16	0.0	0.0	
SMALLPOX .....	059	-	-	-	-	-	1	0.0	0.0	-	-	-	
MEASLES .....	059	1	0.1	0.1	-	-	12	0.0	0.0	15	0.0	0.0	
YELLOW FEVER .....	060	-	-	-	-	-	-	-	-	-	-	-	
VIRAL ENCEPHALITIS .....	062-065	15	1.3	1.4	-	-	252	0.1	0.1	198	0.1	0.1	
INFECTIOUS HEPATITIS .....	070	6	0.5	0.5	1	16.7	...	567	0.3	508	0.2	0.2	
RABIES .....	071	-	-	-	-	-	1	0.0	0.0	-	-	-	
TYPHUS AND OTHER RICKETTSIOSIS MALARIA .....	080-083	-	-	-	-	-	43	0.0	0.0	48	0.0	0.0	
TRYPANOSOMIASIS .....	086-087	-	-	-	-	-	4	0.0	0.0	3	0.0	0.0	
SYPHILIS AND SYPHILITIC REST OF PARASITIC DISEASES .....	088-097	1	0.1	0.1	-	-	225	0.1	0.0	196	0.1	0.0	
MALIGNANT NEOPLASMS BENIGN AND UNSPECIFIED .....	140-209	673	60.2	55.0	1	16.7	...	377312	173.4	76.7	386686	176.0	76.9
NEOPLASMS .....	210-239	24	2.1	2.1	-	-	4719	2.2	1.1	4925	2.2	1.2	
DIABETES MELLITUS .....	250	544	48.6	43.1	1	16.7	...	34508	15.9	6.4	32989	15.0	6.0
AVITAMINOSIS AND OTHER NUTRITIONAL DEFICIENCY .....	260-269	64	5.7	6.2	1	16.7	...	2619	1.2	0.5	2606	1.2	0.5
OTHER ENDOCRINE AND METABOLIC DISEASES .....	240-279	21	1.9	1.8	-	-	5720	2.6	1.8	5727	2.6	1.7	
ANEMIAS .....	280-285	50	4.5	4.8	-	-	3182	1.5	0.8	3121	1.4	0.7	
OTHER DISEASES OF BLOOD AND BLOOD-FORMING ORGANS .....	286-289	4	0.4	0.3	-	-	2084	1.0	0.6	2266	1.0	0.6	
MENTAL DISORDERS .....	290-315	31	2.8	2.6	-	-	9658	4.4	2.7	9926	4.5	2.5	
MENTAL DISORDERS .....	320	15	1.3	1.4	-	-	1589	0.7	1.0	1526	0.7	0.9	
OTHER DISEASES OF NERVOUS SYSTEM AND SENSE ORGANS .....	321-389	102	9.1	8.6	-	-	15187	7.0	4.5	15927	7.2	4.7	
ACTIVE RHEUMATIC FEVER .....	390-392	3	0.3	0.3	-	-	149	0.1	0.0	125	0.1	0.0	
CHRONIC RHEUMATIC HEART DISEASE .....	393-398	58	5.2	5.0	-	-	12951	6.0	5.7	12645	5.8	5.6	
HYPERTENSIVE DISEASE .....	400-404	439	39.2	36.6	-	-	16820	7.7	2.9	16130	7.3	2.7	
ISCHEMIC HEART DISEASE .....	410-414	1008	90.1	82.4	4	66.7	...	646073	297.0	110.0	639427	290.5	106.2
OTHER FORMS OF HEART DISEASE .....	420-429	308	27.5	27.3	-	-	54005	24.8	11.1	57218	26.0	11.4	
CEREBROVASCULAR DISEASE .....	430-438	917	82.0	76.5	9	150.0	...	188623	86.7	30.6	181934	82.8	28.8
OTHER DISEASES OF CIRCULATORY SYSTEM .....	440-448	167	14.9	14.3	-	-	72856	33.5	12.1	72048	32.8	11.7	
INFLUENZA .....	470-474	11	1.0	1.0	-	-	7877	3.6	1.3	1304	0.6	0.2	
PNEUMONIA .....	480-486	337	30.1	32.7	2	33.3	...	53989	24.8	11.3	49889	22.7	10.0
BRONCHITIS, EMPHYSEMA AND ASTHMA .....	490-493	167	14.9	14.4	-	-	24410	11.2	4.5	22363	10.2	4.0	
OTHER DISEASES OF RESPIRATORY SYSTEM .....	460-466	101	9.0	8.9	1	16.7	...	34829	16.0	7.0	36920	16.8	7.1
PEPTIC ULCER .....	531-533	41	3.7	3.5	-	-	6428	3.0	1.2	5900	2.7	1.1	
APPENDICITIS .....	540-543	6	0.5	0.5	-	-	752	0.3	0.2	747	0.3	0.2	
INTESTINAL OBSTRUCTION AND HERNIA OF LIVER .....	550-553	34	3.0	3.0	1	16.7	...	5919	2.7	1.5	5699	2.6	1.4
CIRRHOSIS OF LIVER .....	560	150	13.4	12.0	-	-	31453	14.5	8.4	30848	14.0	8.0	
OTHER DISEASES OF DIGESTIVE SYSTEM .....	520-577	87	7.8	7.2	-	-	24958	11.5	5.3	25537	11.6	5.3	
NEPHRITIS AND NEPHROSIS .....	580-584	58	5.2	5.0	-	-	8541	3.9	1.7	8519	3.9	1.7	
HYPERPLASIA OF PROSTATE .....	600	26	2.3	2.3	-	-	1077	0.5	0.2	998	0.5	0.1	
OTHER DISEASES OF GENITOURINARY SYSTEM .....	590-599	104	9.3	8.6	3	50.0	...	16141	7.4	2.9	16717	7.6	2.9
ABORTION .....	640-645	9	0.8	0.8	-	-	16	0.0	0.0	20	0.0	0.0	
OTHER COMPLICATIONS OF PREGNANCY CHILD BIRTH AND PUERPERIUM .....	630-639	13	1.2	1.1	1	16.7	...	374	0.2	0.2	353	0.2	0.1
CONGENITAL ANOMALIES .....	740-759	89	8.0	9.8	1	16.7	...	13002	6.0	10.9	12983	5.9	10.5
BIRTH INJURY, DYSTOCIA AND OTHER HYPoxic CONDITIONS .....	764-768	113	10.1	13.2	-	-	13432	6.2	13.4	12633	5.7	12.0	
OTHER CAUSES OF PERINATAL MORTALITY .....	760-779	126	11.3	14.7	-	-	11377	5.2	11.3	10768	4.9	10.2	
SYMPTOMS AND ILL-DEFINED CONDITIONS .....	780-796	315	28.2	29.8	18	300.1	...	30802	14.2	11.1	32149	14.6	11.3
ALL OTHER DISEASES .....	680-738	87	7.8	7.6	-	-	7532	3.5	1.6	7786	3.5	1.6	
MOTOR VEHICLE ACCIDENTS .....	E810-E823	238	21.3	19.7	3	50.0	...	47038	21.6	19.4	49510	22.5	20.2
ALL OTHER ACCIDENTS .....	E825-E949	244	21.8	21.5	1	16.7	...	53723	24.7	18.8	53692	24.4	18.5
SUICIDE .....	E950-E959	97	8.7	7.9	-	-	26832	12.3	9.1	28681	13.1	9.7	
HOMICIDE, LEGAL INTERVENTION AND OPERATIONS OF WAR .....	E960-E978	68	6.1	5.8	-	-	19576	9.0	8.0	19992	9.1	8.1	
INJURY UNKNOWN WHETHER ACCIDENTALLY OR PURPOSELY INFLECTED .....	E980-E989	12	1.1	1.0	-	-	4744	2.2	1.9	4433	2.0	1.8	



Table II-2  
 NUMBER OF DEATHS (ICD-8th REVISION) FROM SPECIFIC CAUSES WITH CRUDE AND  
 AGE-ADJUSTED DEATH RATES PER 100,000 POPULATION

CAUSE OF DEATH	UNITED STATES (CONT.)			URUGUAY			VENEZUELA						
	1978		1977		1978		1976						
	NUMBER	CRUDE RATE	AGE-ADJ. RATE	NUMBER	CRUDE RATE	AGE-ADJ. RATE	NUMBER	CRUDE RATE	AGE-ADJ. RATE				
ALL CAUSES .....	1927788	868.0	406.3	28919	1016.1	579.2	28041	979.1	529.1	76668	620.2	649.8	
CHOLERA .....	000	-	-	-	-	-	-	-	-	-	-	-	
TYPHOID FEVER .....	001	2	0.0	1	0.0	0.0	1	0.0	0.0	5	0.0	0.0	
PARATYPHOID FEVER AND OTHER SALMONELLA INFECTIONS .....	002-003	79	0.0	0.0	2	0.1	3	0.1	0.1	8	0.1	0.1	
BACILLARY DYSENTERY AND AMEBIASIS .....	004,006	34	0.0	0.0	-	-	1	0.0	0.0	232	1.9	1.8	
ENTERITIS AND OTHER DIARRHEAL DISEASES .....	008,009	1874	0.8	0.9	362	12.7	400	14.0	15.9	4806	38.9	34.9	
TUBERCULOSIS OF RESPIRATORY SYSTEM .....	010-012	2256	1.0	0.4	139	4.9	110	3.8	2.1	841	6.8	7.6	
OTHER TUBERCULOSIS .....	013-019	658	0.3	0.1	32	1.1	37	1.3	1.0	80	0.6	0.7	
PLAGUE .....	020	-	-	-	-	-	-	-	-	-	-	-	
DIPHTHERIA .....	032	4	0.0	0.0	-	-	-	-	-	21	0.2	0.2	
WHOOPING COUGH .....	033	6	0.0	0.0	28	1.0	30	1.0	1.4	133	1.1	1.0	
STREPTOCOCCAL SORE THROAT AND SCARLET FEVER .....	034	5	0.0	0.0	-	-	1	0.0	0.1	3	0.0	0.0	
MENINGOCOCCAL INFECTION .....	036	403	0.2	0.3	13	0.5	11	0.4	0.3	8	0.1	0.1	
TETANUS .....	037	3	0.0	0.0	6	0.2	17	0.6	0.4	172	1.4	1.3	
ACUTE POLIOMYELITIS .....	040-043	13	0.0	0.0	0	0.0	0	0.0	0.0	4	0.0	0.0	
SMALLPOX .....	050	-	-	-	-	-	-	-	-	-	-	-	
MEASLES .....	055	11	0.0	0.0	62	2.2	5	0.2	0.2	549	4.4	4.1	
YELLOW FEVER .....	060	-	-	-	-	-	-	-	-	-	-	-	
VIRAL ENCEPHALITIS .....	062-065	185	0.1	0.1	22	0.8	15	0.5	0.6	15	0.1	0.1	
INFECTIOUS HEPATITIS .....	070	508	0.2	0.1	8	0.3	12	0.4	0.3	73	0.6	0.6	
RABIES .....	071	2	0.0	0.0	-	-	-	-	-	3	0.0	0.0	
TYPHUS AND OTHER RICKETTSIOSES .....	080-083	30	0.0	0.0	-	-	-	-	-	4	0.0	0.0	
MALARIA .....	084	5	0.0	0.0	-	-	-	-	-	-	-	-	
TRYPANOSOMIASIS .....	086,087	-	-	-	2	0.1	0.0	0.0	0.1	574	4.6	5.3	
SYPHILIS AND ITS SEQUELAE .....	090-097	169	0.1	0.0	24	0.8	0.9	0.5	0.4	68	0.6	0.6	
ALL OTHER INFECTIVE AND PARASITIC DISEASES .....	REST OF 000-136	11766	5.3	3.5	288	10.1	11.0	253	8.8	1778	14.4	13.1	
MALIGNANT NEOPLASMS .....	140-209	396992	178.7	77.0	5792	203.5	93.5	5993	209.3	95.1	6835	55.3	63.0
BENIGN AND UNSPECIFIED NEOPLASMS .....	210-239	4963	2.2	1.1	120	4.2	2.4	103	3.6	2.0	227	1.8	2.0
DIABETES MELLITUS .....	250	33841	15.2	6.0	612	21.5	8.9	629	22.0	9.0	1482	12.0	13.8
AVITAMINOSES AND OTHER NUTRITIONAL DEFICIENCY .....	260-269	2855	1.3	0.5	315	11.1	13.9	231	8.1	8.1	725	5.9	5.9
OTHER ENDOCRINE AND METABOLIC DISEASES .....	REST OF 270-279	5797	2.6	1.7	77	2.7	1.9	63	2.2	1.4	127	1.0	1.1
ANEMIAS .....	280-285	3300	1.5	0.7	89	3.1	1.7	72	2.5	1.3	335	2.7	2.9
OTHER DISEASES OF BLOOD AND BLOOD-FORMING ORGANS .....	286-289	2274	1.0	0.6	30	1.1	0.9	21	0.7	0.5	69	0.6	0.6
MENTAL DISORDERS .....	290-319	10918	4.9	2.4	201	7.1	3.4	153	5.3	2.7	108	0.9	1.0
MENINGITIS .....	320	1560	0.7	1.0	86	3.0	3.6	78	2.7	3.1	545	4.4	4.1
OTHER DISEASES OF NERVOUS SYSTEM AND SENSE ORGANS .....	321-389	16553	7.5	4.7	389	13.7	10.8	317	11.1	8.0	762	6.2	6.4
ACTIVE RHEUMATIC FEVER .....	390	138	0.1	0.0	3	0.1	6	0.2	0.2	35	0.3	0.3	
CHRONIC RHEUMATIC HEART DISEASE .....	393-398	13264	6.0	2.6	122	4.3	2.7	91	3.2	1.9	214	1.7	1.9
HYPERTENSIVE DISEASE .....	400-404	15826	7.1	2.6	438	15.4	6.4	387	13.5	5.7	1100	8.9	10.4
ISCHEMIC HEART DISEASE .....	410-414	642270	289.2	104.1	4898	172.1	67.9	4851	169.4	67.0	6214	50.3	58.9
OTHER FORMS OF HEART DISEASE .....	420-429	63502	28.6	12.4	1521	53.4	23.6	1467	51.2	21.8	2760	22.3	25.7
CEREBROVASCULAR DISEASE .....	430-438	175629	79.1	27.2	3510	123.3	48.1	3430	119.8	47.1	4016	32.5	37.9
OTHER DISEASES OF CIRCULATORY SYSTEM .....	440-448	71493	32.2	11.3	1433	50.4	18.7	1326	46.3	17.1	940	7.6	9.0
INFLUENZA .....	470-474	4052	1.8	0.7	62	2.2	1.7	55	1.9	1.2	332	2.7	2.9
PNEUMONIA .....	480-486	54267	24.4	10.3	619	21.7	16.9	528	18.4	12.5	5011	40.5	40.3
BRONCHITIS, EMPHYSEMA AND ASTHMA .....	490-493	21875	9.8	3.9	611	21.5	9.3	570	19.9	8.4	961	7.8	8.5
OTHER DISEASES OF RESPIRATORY SYSTEM .....	460-466	41863	18.8	7.7	285	10.0	8.2	275	9.6	6.6	887	7.2	7.4
PEPTIC ULCER .....	531-533	5545	2.5	1.0	104	3.7	1.5	98	3.4	1.4	248	2.0	2.3
APPENDICITIS .....	540-543	735	0.3	0.2	29	1.0	0.6	28	1.0	0.5	86	0.7	0.7
INTESTINAL OBSTRUCTION AND HERNIA .....	550-553	5568	2.5	1.3	169	5.9	3.0	161	5.6	2.5	351	2.8	3.0
CIRRHOSIS OF LIVER .....	560	30066	13.5	7.6	204	7.2	3.6	259	9.0	4.9	781	6.3	7.1
OTHER DISEASES OF DIGESTIVE SYSTEM .....	REST OF 520-577	25815	11.6	5.2	493	17.3	8.5	468	16.3	7.7	698	5.6	6.1
NEPHRITIS AND NEPHROSIS .....	580-584	8868	4.0	1.7	141	5.0	2.9	134	4.7	2.8	729	5.9	6.5
HYPERPLASIA OF PROSTATE .....	600	854	0.4	0.1	62	2.2	0.8	50	1.7	0.6	73	0.6	0.7
OTHER DISEASES OF GENITOURINARY SYSTEM .....	590-599	16948	7.6	2.9	233	8.2	3.7	226	7.9	3.7	404	3.3	3.6
ABORTION .....	601-629	16	0.0	0.0	8	0.3	0.3	5	0.2	0.2	62	0.5	0.5
OTHER COMPLICATIONS OF PREGNANCY CHILD BIRTH AND PUERPERIUM .....	630-639	305	0.1	0.1	26	0.9	0.9	27	0.9	0.9	267	2.2	2.2
CONGENITAL ANOMALIES .....	650-678	12968	5.8	10.4	328	11.5	16.7	304	10.6	14.2	1521	12.3	10.9
BIRTH INJURY, DYSTOCIA AND OTHER HYPOXIC CONDITIONS .....	764-768	11710	5.3	11.1	699	24.6	38.1	647	22.6	31.1	3840	31.1	26.6
OTHER CAUSES OF PERINATAL MORTALITY .....	REST OF 760-779	10323	4.6	9.8	494	17.4	26.9	428	14.9	20.6	1957	15.8	13.6
SYMPTOMS AND ILL-DEFINED CONDITIONS .....	780-796	31324	14.1	10.9	2007	70.5	43.1	1930	67.4	39.5	12983	105.0	111.3
ALL OTHER DISEASES .....	680-738	8019	3.6	1.6	91	3.2	2.1	94	3.3	2.1	454	3.7	3.7
MOTOR VEHICLE ACCIDENTS .....	E810-E823	52411	23.6	21.2	136	4.8	3.8	207	7.2	6.4	4288	34.7	35.5
ALL OTHER ACCIDENTS .....	E800-E809	53150	23.9	18.2	1081	38.0	29.4	1053	36.8	28.6	2792	22.6	22.9
SUICIDE .....	E950-E959	27294	12.3	9.0	331	11.6	7.9	300	10.5	7.2	562	4.5	4.7
HOMICIDE, LEGAL INTERVENTION AND OPERATIONS OF WAR .....	E960-E999	20451	9.2	8.1	77	2.7	2.5	57	2.0	1.6	1021	8.3	8.4
INJURY UNKNOWN WHETHER ACCIDENTALLY OR PURPOSELY INFLECTED .....	E980-E989	4144	1.9	1.6	3	0.1	0.1	2	0.1	0.1	491	4.0	4.1

Table II-2  
NUMBER OF DEATHS (ICD-8th REVISION) FROM SPECIFIC CAUSES WITH CRUDE AND  
AGE-ADJUSTED DEATH RATES PER 100,000 POPULATION

CAUSE OF DEATH	VENEZUELA (CONT.)						VIRGIN ISLANDS (UK)			VIRGIN ISLANDS (US)		
	1977		1978		1976		1973		1973		1973	
	NUMBER	CRUDE RATE	AGE-ADJ. RATE	NUMBER	CRUDE RATE	AGE-ADJ. RATE	NUMBER	CRUDE RATE	AGE-ADJ. RATE	NUMBER	CRUDE RATE	AGE-ADJ. RATE
ALL CAUSES .....	74343	583.7	614.9	72470	552.3	583.5	59	492.1	184.5	496	763.1	678.0
CHOLERA .....	-	-	-	-	-	-	-	-	-	-	-	-
TYPHOID FEVER .....	8	0.1	0.1	7	0.1	0.0	-	-	-	-	-	-
PARATYPHOID FEVER AND OTHER .....	-	-	-	-	-	-	-	-	-	-	-	-
SALMONELLA INFECTIONS .....	4	0.0	0.0	6	0.0	0.0	-	-	A)...	...	...	...
BACILLARY DYSENTERY AND .....	198	1.6	1.5	168	1.3	1.2	1	8.3	8.9	-	-	-
AMEBIASIS .....	4588	36.0	32.6	3707	28.3	25.7	-	-	-	3	4.6	3.6
ENTERITIS AND OTHER DIARRHEAL .....	-	-	-	-	-	-	-	-	-	-	-	-
TUBERCULOSIS OF RESPIRATORY .....	840	6.6	7.4	712	5.4	6.0	-	-	-	-	-	-
SYSTEM .....	104	0.8	0.9	126	1.0	1.0	-	-	-	-	-	-
OTHER TUBERCULOSIS .....	-	-	-	-	-	-	-	-	-	-	-	-
PLAGUE .....	1	0.1	0.1	-	-	-	-	-	-	-	-	-
DIPHTHERIA .....	109	0.9	0.8	35	0.3	0.2	-	-	-	-	-	-
WHOOPING COUGH .....	-	-	-	-	-	-	-	-	-	-	-	-
STREPTOCOCCAL SORE THROAT AND .....	1	0.0	0.0	1	0.0	0.0	-	-	-	-	-	-
SCARLET FEVER .....	9	0.1	0.1	13	0.1	0.1	-	-	-	-	-	-
MENINGOCOCCAL INFECTION .....	140	1.1	1.0	135	1.0	1.0	1	8.3	5.7	A)...	...	...
TETANUS .....	1	0.0	0.0	3	0.0	0.0	-	-	-	-	-	-
ACUTE POLIOMYELITIS .....	-	-	-	-	-	-	-	-	-	-	-	-
SMALLPOX .....	305	2.4	2.3	315	2.4	2.3	-	-	-	-	-	-
MEASLES .....	-	-	-	-	-	-	-	-	-	-	-	-
YELLOW FEVER .....	12	0.1	0.1	26	0.2	0.2	-	-	-	-	-	-
VIRAL ENCEPHALITIS .....	52	0.4	0.4	53	0.4	0.4	-	-	-	-	-	-
INFECTIOUS HEPATITIS .....	2	0.0	0.0	8	0.1	0.1	-	-	-	-	-	-
RABIES AND OTHER RICKETTSIOSIS .....	4	0.0	0.0	13	0.1	0.1	-	-	-	-	-	-
TYPHUS AND OTHER .....	536	4.2	4.8	522	4.0	4.5	-	-	-	-	-	-
SYPHILIS AND ITS SEQUELAE .....	52	0.4	0.4	37	0.3	0.3	-	-	-	-	-	-
ALL OTHER .....	-	-	-	-	-	-	-	-	-	-	-	-
PARASITIC DISEASES .....	1621	12.7	11.7	1538	11.7	10.8	-	-	-	2	3.1	3.1
MALIGNANT NEPLASMS .....	6768	53.1	60.3	7009	53.4	60.4	5	41.7	8.4	44	67.7	61.6
BENIGN AND UNSPECIFIED .....	-	-	-	-	-	-	-	-	-	-	-	-
NEPLASMS .....	251	2.0	2.1	223	1.7	1.8	-	-	-	1	1.5	1.4
DIABETES MELLITUS .....	1431	11.2	12.9	1496	11.4	13.1	4	33.4	0.0	16	24.6	22.9
AVITAMINOSIS AND OTHER .....	629	4.9	5.0	532	4.1	4.1	-	-	-	1	1.5	1.3
NUTRITIONAL DEFICIENCY .....	-	-	-	-	-	-	-	-	-	-	-	-
OTHER ENDOCRINE AND METABOLIC .....	114	0.9	0.9	122	0.9	1.0	-	-	-	8)...	...	...
DISEASES .....	347	2.7	2.8	418	3.2	3.3	-	-	-	2	3.1	2.3
ANEMIAS .....	50	0.4	0.4	64	0.5	0.5	-	-	-	8)...	...	...
OTHER DISEASES OF BLOOD AND .....	148	1.2	1.3	128	1.0	1.1	-	-	-	8)...	...	...
BLOOD-FORMING ORGANS .....	576	4.5	4.1	570	4.3	4.0	-	-	-	3	4.6	4.5
MENTAL DISORDERS .....	774	6.1	6.2	802	6.1	6.3	-	-	-	8)...	...	...
MENINGITIS .....	19	0.1	0.1	27	0.2	0.2	-	-	-	-	-	-
OTHER DISEASES OF NERVOUS SYSTEM .....	216	1.7	1.9	201	1.5	1.7	1	8.3	7.3	-	-	-
AND SEQUELAE .....	1053	8.3	9.7	1049	8.0	9.5	9	75.1	0.0	4	6.2	5.6
ACTIVE RHEUMATIC FEVER .....	6117	48.0	56.1	6505	49.6	57.7	1	8.3	8.4	129	198.5	179.2
CHRONIC RHEUMATIC HEART DISEASE .....	2775	21.8	25.1	3045	23.2	26.8	1	8.3	8.5	8	12.3	10.9
HYPERTENSIVE DISEASE .....	4191	32.9	38.4	4223	32.2	37.6	19	158.5	0.0	43	66.2	59.6
ISCHEMIC HEART DISEASE .....	898	7.1	8.2	928	7.1	8.3	2	16.7	17.0	8)...	...	...
OTHER FORMS OF HEART DISEASE .....	275	2.2	2.3	191	1.5	1.6	-	-	-	1	1.5	1.3
CEREBROVASCULAR DISEASE .....	4538	35.6	36.0	3979	30.3	30.7	6	50.0	34.5	14	21.5	17.9
OTHER DISEASES OF CIRCULATORY .....	968	7.6	8.5	899	6.9	7.7	-	-	-	6	9.2	8.6
SYSTEM .....	882	6.9	7.3	912	7.0	7.4	-	-	-	8)...	...	...
PEPTIC ULCER .....	200	1.6	1.8	268	2.0	2.3	-	-	-	3	4.6	3.8
APPENDICITIS .....	89	0.7	0.7	97	0.7	0.8	-	-	-	1	1.5	1.2
INTestinal obstruction and .....	356	2.8	3.0	364	2.8	3.0	1	8.3	14.0	2	3.1	3.0
HERNIA .....	887	7.0	7.8	968	7.4	8.2	1	8.3	8.1	16	24.6	22.5
CIRRHOSIS OF LIVER .....	718	5.6	6.1	731	5.6	6.0	2	16.7	11.5	8)...	...	...
OTHER DISEASES OF DIGESTIVE .....	730	5.7	6.4	677	5.2	5.7	-	-	-	4	6.2	5.9
SYSTEM .....	59	0.5	0.6	72	0.5	0.6	-	-	-	1	1.5	1.5
NEPHRITIS AND NEPHROSIS .....	393	3.1	3.5	406	3.1	3.5	1	8.3	10.0	8)...	...	...
HYPERPLASIA OF PROSTATE .....	60	0.5	0.5	61	0.5	0.4	-	-	-	-	-	-
OTHER DISEASES OF GENITOURINARY .....	288	2.3	2.3	249	1.9	1.9	-	-	-	2	3.1	2.6
ABORTION .....	1341	10.5	9.4	1413	10.8	9.5	-	-	-	7	10.8	8.3
OTHER COMPLICATIONS OF PREGNANCY .....	3786	29.7	25.7	3645	27.8	23.9	1	8.3	14.0	28	43.1	32.0
CHILD BIRTH AND PUERPERIUM .....	1742	13.7	11.8	1663	12.7	10.9	1	8.3	14.0	22	33.8	26.2
CONGENITAL ANOMALIES .....	12215	95.9	102.8	10298	78.5	84.9	1	8.3	5.7	18	27.7	25.6
BIRTH INJURY, DYSTOCIA AND .....	353	2.8	2.8	430	3.3	3.4	-	-	-	40	61.5	55.1
OTHER HYPOKIC CONDITIONS .....	4360	34.2	34.9	4822	36.7	37.1	-	-	-	16	24.6	24.3
OTHER CAUSES OF PERINATAL .....	3020	23.7	24.0	3260	24.8	25.0	1	8.3	8.4	16	24.6	23.2
REST OF .....	580	4.6	4.7	609	4.6	4.7	-	-	-	4	6.2	4.9
SYMPTOMS AND ILL-DEFINED .....	1094	8.6	8.6	1195	9.1	9.1	-	-	-	-	-	-
CONDITIONS .....	456	3.6	3.6	491	3.7	3.8	-	-	-	39	60.0	54.2
ALL OTHER DISEASES .....	-	-	-	-	-	-	-	-	-	-	-	-
ALL OTHER ACCIDENTS .....	-	-	-	-	-	-	-	-	-	-	-	-
SUICIDE .....	-	-	-	-	-	-	-	-	-	-	-	-
HOMICIDE .....	-	-	-	-	-	-	-	-	-	-	-	-
AND OPERATIONS OF WAR .....	-	-	-	-	-	-	-	-	-	-	-	-
INJURY UNKNOWN WHETHER ACCIDENTALLY .....	-	-	-	-	-	-	-	-	-	-	-	-
OR PURPOSELY INFLICTED .....	-	-	-	-	-	-	-	-	-	-	-	-

A) INCLUDED IN THE RESIDUAL CATEGORY OF ALL OTHER INFECTIVE AND PARASITIC DISEASES. B) INCLUDED IN THE RESIDUAL CATEGORY OF ALL OTHER DISEASES. C) INCLUDED IN GROUP OF INJURY UNKNOWN WHETHER ACCIDENTALLY OR PURPOSELY INFLICTED.

Table II-3  
 NUMBER OF DEATHS (ICD-9th REVISION) FROM SPECIFIC CAUSES WITH CRUDE AND  
 AGE-ADJUSTED DEATH RATES PER 100,000 POPULATION

CAUSE	BARBADOS 1979			BARBADOS 1980			CHILE 1980		
	NUMBER	CRUDE RATE	AGE- ADJ. RATE	NUMBER	CRUDE RATE	AGE- ADJ. RATE	NUMBER	CRUDE RATE	AGE- ADJ. RATE
ALL CAUSES	2128	847.8	475.6	2012	795.3	443.6	73710	663.8	539.3
CHOLERA (001)	-	-	-	-	-	-	-	-	-
TYPHOID FEVER (002.0)	-	-	-	-	-	-	70	0.6	0.6
PARATYPHOID FEVER AND OTHER FOOD POISONING (002.1-002.9,003.005)	-	-	-	-	-	-	72	0.6	0.8
SHELLELLSIS AND AMEBIASIS (006,006)	-	-	-	-	-	-	21	0.2	0.2
OTHER INTESTINAL INFECTIONS (007-009)	7	2.8	4.8	7	2.8	2.3	873	7.9	8.4
TUBERCULOSIS OF RESPIRATORY SYSTEM (010-012)	4	1.6	0.8	12	4.7	1.8	1193	10.7	8.6
OTHER TUBERCULOSIS (013-018)	2	0.8	0.7	-	-	-	162	1.5	1.3
PLAGUE (020)	-	-	-	-	-	-	-	-	-
DIPHTHERIA (032)	-	-	-	-	-	-	17	0.2	0.2
WHOOPING COUGH (033)	-	-	-	-	-	-	29	0.3	0.3
MENINGOCOCCAL INFECTION (036)	-	-	-	-	-	-	23	0.2	0.3
TETANUS (037)	3	1.2	0.4	7	2.8	1.5	11	0.1	0.1
SEPTICEMIA (038)	16	6.4	3.4	6	2.4	1.1	638	5.7	5.7
ACUTE POLIOMYELITIS (045)	-	-	-	-	-	-	-	-	-
SMALLPOX (050)	-	-	-	-	-	-	-	-	-
MEASLES (055)	-	-	-	-	-	-	10	0.1	0.1
YELLOW FEVER (060)	-	-	-	-	-	-	-	-	-
ARTHROPOD-BORNE ENCEPHALITIS (062-064)	-	-	-	-	-	-	-	-	-
VIRAL HEPATITIS (070)	1	0.4	0.2	3	1.2	0.9	63	0.6	0.6
RABIES (071)	-	-	-	-	-	-	-	-	-
MALARIA (084)	-	-	-	1	0.4	0.4	-	-	-
TRYPANOSOMIASIS (086)	-	-	-	-	-	-	25	0.2	0.2
SYPHILIS (090-097)	1	0.4	0.2	-	-	-	18	0.2	0.2
ALL OTHER INFECTIOUS AND PARASITIC DISEASES (REST OF 001-139)	10	4.0	2.6	8	3.2	1.9	319	2.9	2.6
MALIGNANT NEOPLASM OF STOMACH (151)	47	18.7	8.8	42	16.6	8.3	2579	23.2	16.6
MALIGNANT NEOPLASM OF COLON (153)	17	6.8	4.0	24	9.5	4.3	349	3.1	2.2
MALIGNANT NEOPLASM OF RECTUM, RECTOSIGMOID JUNCTION AND ANUS (154)	6	2.4	1.2	6	2.4	1.2	209	1.9	1.4
MALIGNANT NEOPLASM OF TRACHEA, BRONCHUS AND LUNG (162)	18	7.2	3.2	23	9.1	5.1	1072	9.7	7.1
MALIGNANT NEOPLASM OF FEMALE BREAST (174)	35	13.9	7.7	41	16.2	10.0	581	5.2	4.0
MALIGNANT NEOPLASM OF CERVIX UTERI (180)	31	12.4	6.9	20	7.9	4.6	716	6.4	5.0
LEUKEMIA (204-208)	11	4.4	3.5	7	2.8	2.5	363	3.3	3.0
MALIGNANT NEOPLASM OF OTHER AND UNSPECIFIED SITES (REST OF 140-208)	167	66.5	33.6	162	64.0	33.3	5452	49.1	36.0
OTHER AND UNSPECIFIED NEOPLASMS (210-239)	11	4.4	2.9	11	4.3	2.7	362	3.3	2.8
DIABETES MELLITUS (250)	138	55.0	23.1	122	48.2	19.9	1380	12.4	8.8
KWASHIORKOR (260)	-	-	-	28	11.1	5.5	9	0.1	0.1
NUTRITIONAL MARASMUS (261)	-	-	-	-	-	-	14	0.1	0.1
OTHER PROTEIN-CALORIE MALNUTRITION (262-263)	6	2.4	1.6	-	-	-	200	1.8	1.8
AVITAMINOSIS (264-269)	1	0.4	0.1	1	0.4	0.4	26	0.2	0.2
OTHER ENDOCRINE AND METABOLIC DISEASES (REST OF 240-279)	2	0.8	0.4	16	6.3	2.8	244	2.2	2.0
ANEMIAS (280-285)	6	2.4	1.3	8	3.2	2.0	126	1.1	1.0
OTHER DISEASES OF BLOOD AND BLOOD FORMING ORGANS (286-289)	1	0.4	0.7	2	0.8	0.3	67	0.6	0.6
MENTAL DISORDERS (290-319)	15	6.0	3.4	35	13.8	5.4	366	3.3	2.6
MENTINGITIS (320-322)	7	2.8	2.5	9	3.6	3.8	200	1.8	2.1
OTHER DISEASES OF NERVOUS SYSTEM AND SENSE ORGANS (323-389)	27	10.8	6.2	28	11.1	7.3	823	7.4	6.7
ACUTE RHEUMATIC FEVER (390-392)	-	-	-	-	-	-	17	0.2	0.1
CHRONIC RHEUMATIC HEART DISEASE (393-398)	2	0.8	0.8	5	2.0	1.0	518	4.7	3.8
HYPERTENSIVE DISEASE (401-405)	72	28.7	13.9	60	23.7	9.4	980	8.8	6.0
ACUTE MYOCARDIAL INFARCTION (410)	269	107.2	52.1	142	56.1	26.7	4399	39.6	27.6
OTHER ISCHEMIC HEART DISEASE (411-414)	43	17.1	6.5	41	16.2	6.6	2027	18.3	12.1
DISEASES OF PULMONARY CIRCULATION AND OTHER HEART DISEASE (415-429)	169	67.3	28.8	263	104.0	48.1	2900	26.1	18.6
CEREBROVASCULAR DISEASE (430-438)	336	133.9	55.1	292	115.4	49.8	6743	60.7	42.4
ATHEROSCLEROSIS (440)	78	31.1	11.4	67	26.5	9.2	1769	15.9	10.4
OTHER DISEASES OF CIRCULATORY SYSTEM (441-459)	22	8.8	3.8	16	6.3	3.0	277	2.5	1.8
PNEUMONIA (480-486)	92	36.7	28.2	50	19.8	14.0	4275	38.5	33.7
INFLUENZA (487)	2	0.8	0.3	-	-	-	499	4.5	3.3
BRONCHITIS, EMPHYSEMA AND ASTHMA (490-493)	17	6.8	4.2	25	9.9	7.5	895	8.1	5.9
OTHER DISEASES OF RESPIRATORY SYSTEM (460-478, 494-519)	36	14.3	9.7	36	14.2	9.4	1361	12.3	9.9
ULCER OF STOMACH AND DUODENUM (531-533)	13	5.2	2.3	15	5.9	3.2	303	2.7	2.0
APPENDICITIS (540-543)	1	0.4	0.2	-	-	-	90	0.8	0.7
INTESTINAL OBSTRUCTION AND HERNIA (550-553, 560)	7	2.8	1.8	18	7.1	3.4	421	3.8	2.9
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	25	10.0	6.4	13	5.1	4.0	3292	29.6	24.0
OTHER DISEASES OF DIGESTIVE SYSTEM (REST OF 520-579)	36	14.3	8.1	38	15.0	9.1	1896	17.1	13.0
NEPHRITIS, NEPHROIC SYNDROME AND NEPHROSIS (580-589)	22	8.8	5.1	20	7.9	3.6	828	7.5	5.7
HYPERPLASIA OF PROSTATE (600)	2	0.8	0.3	2	0.8	0.3	251	2.3	1.5
OTHER DISEASE OF GENITOURINARY SYSTEM (590-599, 601-629)	19	7.6	2.7	15	5.9	2.6	623	5.6	4.1
ABORTION (630-639)	2	0.8	0.6	-	-	-	71	0.6	0.6
DIRECT OBSTETRIC DEATHS (640-646, 651-676)	1	0.4	0.4	1	0.4	0.4	110	1.0	0.9
OTHER OBSTETRIC DEATHS (647, 648, 650)	-	-	-	-	-	-	-	-	0.0
CONGENITAL ANOMALIES (740-759)	24	9.6	16.4	17	6.7	10.1	1151	10.4	13.1
BIRTH TRAUMA (767)	4	1.6	2.9	1	0.4	0.7	115	1.0	1.3
OTHER CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-766, 768-779)	64	25.5	45.9	60	23.7	43.0	3064	27.6	35.7
SYMPTOMS AND ILL-DEFINED CONDITIONS (780-799)	65	25.9	9.4	69	27.3	12.7	7061	63.6	49.6
ALL OTHER DISEASES (800-799)	29	11.6	4.5	21	8.3	3.4	349	3.1	2.6
MOTOR VEHICLE TRAFFIC ACCIDENTS (E810-E819)	24	9.6	8.4	29	11.5	9.5	1432	12.9	11.5
ACCIDENTAL FALLS (E880-E888)	20	8.0	4.1	11	4.3	2.7	478	4.3	3.4
ALL OTHER ACCIDENTS (REST OF E800-E949)	25	10.0	9.9	39	15.4	14.8	1770	15.9	15.5
SUICIDE (E950-E959)	2	0.8	0.7	3	1.2	1.2	541	4.9	4.2
HOMICIDE (E960-E969)	11	4.4	3.8	14	5.5	4.7	286	2.6	2.3
INJURY UNKNOWN WHETHER ACCIDENTALLY OR PURPOSELY INFLECTED (E980-E989)	3	1.2	1.8	-	-	-	4232	38.1	34.7
ALL OTHER VIOLENCE (E970-E978, E990-E999)	1	0.4	0.5	-	-	-	-	-	-







Table II-3  
NUMBER OF DEATHS (ICD-9th REVISION) FROM SPECIFIC CAUSES WITH CRUDE AND  
AGE-ADJUSTED DEATH RATES PER 100,000 POPULATION

CAUSE	PANAMA 1980			PARAGUAY (AREA OF INFORMATION) 1980			PUERTO RICO 1979		
	NUMBER	CRUDE RATE	AGE- ADJ. RATE	NUMBER	CRUDE RATE	AGE- ADJ. RATE	NUMBER	CRUDE RATE	AGE- ADJ. RATE
ALL CAUSES .....	7959	432.6	420.3	13059	743.7	686.4	20412	598.6	399.1
CHOLERA (001).....	-	-	-	-	-	-	-	-	-
TYPHOID FEVER (002.0).....	-	-	-	1	0.1	0.1	-	-	-
PARATYPHOID FEVER AND OTHER FOOD POISONING (002.1-002.9,003,005).....	2	0.1	0.1	3	0.2	0.2	11	0.3	0.4
SHIGELLOSIS AND AMEBIASIS (004,006).....	2	0.1	0.1	-	-	-	-	-	-
OTHER INTESTINAL INFECTIONS (007-009).. TUBERCULOSIS OF RESPIRATORY SYSTEM (010-012).....	239	13.0	13.0	1111	63.3	59.9	17	0.5	0.5
OTHER TUBERCULOSIS (013-018).....	140	7.6	7.6	197	11.2	11.5	122	3.6	2.3
PLAGUE (020).....	22	1.2	1.2	16	0.9	1.0	13	0.4	0.3
DIPHTHERIA (032).....	1	0.1	0.0	6	0.3	0.3	-	-	-
WHOOPING COUGH (033).....	85	4.6	4.7	4	0.2	0.2	-	-	-
MENINGOCOCCAL INFECTION (036).....	2	0.1	0.1	11	0.6	0.6	3	0.1	0.1
TETANUS (037).....	3	0.2	0.2	113	6.4	6.2	9	0.3	0.2
SEPTICEMIA (038).....	54	2.9	2.9	257	14.6	13.7	139	4.1	3.8
ACUTE POLIOMYELITIS (045).....	-	-	-	3	0.2	0.2	1	0.0	0.0
SMALLPOX (050).....	-	-	-	-	-	-	-	-	-
MEASLES (055).....	31	1.7	1.7	44	2.5	2.4	1	0.0	0.0
YELLOW FEVER (060).....	-	-	-	-	-	-	-	-	-
ARTHROPOD-BORNE ENCEPHALITIS (062-064). VIRAL HEPATITIS (070).....	4	0.2	0.2	6	0.3	0.3	6	0.2	0.2
RABIES (071).....	-	-	-	6	0.3	0.3	-	-	-
MALARIA (084).....	1	0.1	0.1	-	-	-	2	0.1	0.0
TRYPANOSOMIASIS (086).....	4	0.2	0.2	4	0.2	0.2	-	-	-
SYPHILIS (090-097).....	2	0.1	0.1	19	1.1	1.0	6	0.2	0.1
ALL OTHER INFECTIOUS AND PARASITIC DISEASES (REST OF 001-139).....	42	2.3	2.2	37	2.1	1.9	33	1.0	0.7
MALIGNANT NEOPLASM OF STOMACH (151).....	117	6.4	6.0	120	6.8	6.6	316	9.3	5.2
MALIGNANT NEOPLASM OF COLON (153).....	43	2.3	2.3	43	2.4	2.2	144	4.2	2.6
MALIGNANT NEOPLASM OF RECTUM, RECTOSIGMOID JUNCTION AND ANUS (154). MALIGNANT NEOPLASM OF TRACHEA, BRONCHUS AND LUNG (162).....	30	1.6	1.6	13	0.7	0.7	32	0.9	0.5
MALIGNANT NEOPLASM OF FEMALE BREAST (174).....	124	6.7	6.6	70	4.0	4.0	298	8.7	5.3
MALIGNANT NEOPLASM OF CERVIX UTERI (180).....	49	2.7	2.7	46	2.6	2.6	123	3.6	2.7
LEUKEMIA (204-208).....	71	3.9	3.8	64	3.6	3.9	38	1.1	0.7
MALIGNANT NEOPLASMS OF OTHER AND UNSPECIFIED SITES (REST OF 140-208).. OTHER AND UNSPECIFIED NEOPLASMS (210-239).....	67	3.6	3.6	68	3.9	3.8	133	3.9	3.1
DIABETES MELLITUS (250).....	499	27.1	26.3	524	29.8	28.5	2017	59.1	36.0
KWASHIORKOR (260).....	61	3.3	3.1	18	1.0	1.0	87	2.6	1.8
NUTRITIONAL MARASMUS (261).....	155	8.4	7.9	239	13.6	12.5	885	26.0	14.5
OTHER PROTEIN-CALORIE MALNUTRITION (262-263).....	2	0.1	0.1	7	0.4	0.4	1	0.0	0.0
AVITAMINOSIS (264-269).....	47	2.6	2.5	17	1.0	0.9	28	0.8	0.5
OTHER ENDOCRINE AND METABOLIC DISEASES (REST OF 240-279).....	3	0.2	0.2	31	1.8	1.7	12	0.4	0.2
ANEMIAS (280-285).....	39	2.1	2.1	115	6.5	6.1	106	3.1	2.3
OTHER DISEASES OF BLOOD AND BLOOD FORMING ORGANS (286-289).....	71	3.9	3.8	47	2.7	2.7	65	1.9	1.3
MENTAL DISORDERS (290-319).....	12	0.7	0.7	-	-	-	25	0.7	0.7
MENTINGITIS (320-322).....	21	1.1	1.2	52	3.0	3.0	106	3.1	2.1
OTHER DISEASES OF NERVOUS SYSTEM AND SENSE ORGANS (323-389).....	54	2.9	3.0	107	6.1	5.9	70	2.1	2.1
ACUTE RHEUMATIC FEVER (390-392).....	90	4.9	4.9	98	5.6	5.6	270	7.9	6.2
CHRONIC RHEUMATIC HEART DISEASE (393-398).....	2	0.1	0.1	9	0.5	0.5	6	0.2	0.1
HYPERTENSIVE DISEASE (401-405).....	41	2.2	2.3	17	1.0	0.9	24	0.7	0.6
ACUTE MYOCARDIAL INFARCTION (410).....	92	5.0	4.8	109	6.2	5.5	681	20.0	11.4
OTHER ISCHEMIC HEART DISEASE (411-414). DISEASES OF PULMONARY CIRCULATION AND OTHER HEART DISEASE (415-429).....	474	25.8	24.1	709	40.4	36.1	1496	43.9	25.3
CEREBROVASCULAR DISEASE (430-438).....	434	23.6	21.4	67	3.8	3.1	1909	56.0	28.6
ATHEROSCLEROSIS (440).....	234	12.7	12.0	998	56.8	49.0	1632	47.9	26.9
OTHER DISEASES OF CIRCULATORY SYSTEM (441-459).....	550	29.9	28.1	1066	60.7	53.2	1356	39.8	21.2
PNEUMONIA (480-486).....	95	5.2	4.7	152	8.7	6.7	837	24.5	11.7
INFLUENZA (487).....	59	3.2	3.1	34	1.9	1.9	173	5.1	3.2
BRONCHITIS, EMPHYSEMA AND ASTHMA (490-493).....	313	17.0	16.3	837	47.7	43.9	902	26.5	18.0
OTHER DISEASES OF RESPIRATORY SYSTEM (460-478, 494-519).....	19	1.0	1.0	78	4.4	3.7	21	0.6	0.3
ULCER OF STOMACH AND DUODENUM (531-533) APPENDICITIS (540-543).....	171	9.3	9.1	145	8.3	7.6	316	9.3	5.4
INTESTINAL OBSTRUCTION AND HERNIA (550-553, 560).....	196	10.7	10.2	256	14.6	13.3	675	19.8	12.1
CHRONIC LIVER DISEASE AND CIRRHOSIS (571).....	16	0.9	0.8	22	1.3	1.2	80	2.3	1.4
OTHER DISEASES OF DIGESTIVE SYSTEM (REST OF 520-579).....	7	0.4	0.4	18	1.0	1.0	15	0.4	0.4
NEPHRITIS, NEPHROTIC SYNDROME AND NEPHROSIS (580-589).....	46	2.5	2.4	78	4.4	3.9	54	1.6	1.1
HYPERPLASIA OF PROSTATE (600).....	71	3.9	3.8	100	5.7	5.9	834	24.5	17.7
OTHER DISEASE OF GENITOURINARY SYSTEM (590-599, 601-629).....	168	9.1	8.8	215	12.2	11.6	454	13.3	9.9
ABORTION (630-639).....	106	5.8	5.6	156	8.9	8.1	240	7.0	4.4
DIRECT OBSTETRIC DEATHS (640-646,651-676).....	9	0.5	0.4	28	1.6	1.2	5	0.1	0.1
OTHER OBSTETRIC DEATHS (647,648,650).. CONGENITAL ANOMALIES (740-759).....	39	2.1	1.9	72	4.1	3.6	134	3.9	2.2
BIRTH TRAUMA (767).....	8	0.4	0.5	20	1.1	1.2	-	-	-
OTHER CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-766,768-779).....	29	1.6	1.6	142	8.1	8.8	8	0.2	0.2
SYMPTOMS AND ILL-DEFINED CONDITIONS (780-799).....	1	0.1	0.1	2	0.1	0.1	-	-	-
ALL OTHER DISEASES (680-739).....	157	8.5	9.2	136	7.7	7.4	216	6.3	8.1
MOTOR VEHICLE TRAFFIC ACCIDENTS (E810-E819).....	32	1.7	1.9	11	0.6	0.6	31	0.9	1.3
ACCIDENTAL FALLS (E880-E889).....	458	24.9	27.3	642	36.6	34.9	819	24.0	33.1
ALL OTHER ACCIDENTS (REST OF E800-E949) SUICIDE (E950-E959).....	821	44.6	41.5	2526	143.8	127.7	366	10.7	7.0
HOMICIDE (E960-E969).....	85	4.6	4.5	19	1.1	1.1	93	2.7	1.7
INJURY UNKNOWN WHETHER ACCIDENTALLY OR PURPOSELY INFLECTED (E980-E989).....	351	19.1	19.0	241	13.7	14.0	505	14.8	12.9
ALL OTHER VIOLENCE (E970-E978,E990-E999).....	57	3.1	2.8	61	3.5	3.1	137	4.0	2.9
	316	17.2	17.0	278	15.8	15.8	366	10.7	9.8
	39	2.1	2.1	54	3.1	3.1	274	8.0	6.9
	41	2.2	2.3	159	9.1	9.7	484	14.2	13.0
	231	12.6	12.6	85	4.8	4.9	144	4.2	3.6
	-	-	-	-	-	-	6	0.2	0.1



Table II-3  
 NUMBER OF DEATHS (ICD-9th REVISION) FROM SPECIFIC CAUSES WITH CRUDE AND  
 AGE-ADJUSTED DEATH RATES PER 100,000 POPULATION

CAUSE	NUMBER	SURINAME 1979	
		CRUDE RATE	AGE- ADJ. RATE
ALL CAUSES .....	2699	708.4	564.0
CHOLERA (001).....	-	-	-
TYPHOID FEVER (002.0).....	-	-	-
PARATYPHOID FEVER AND OTHER FOOD POISONING (002.1-002.9,003,005).....	10	2.6	2.3
SHIGELLOSIS AND AMEBIASIS (004,006).....	2	0.5	0.6
OTHER INTESTINAL INFECTIONS (007-009).....	59	15.5	14.8
TUBERCULOSIS OF RESPIRATORY SYSTEM (010-012).....	2	0.5	0.6
OTHER TUBERCULOSIS (013-018).....	-	-	-
PLAGUE (020).....	-	-	-
DIPHTHERIA (032).....	-	-	-
WHOOPING COUGH (033).....	-	-	-
MENINGOCOCCAL INFECTION (036).....	1	0.3	0.3
TETANUS (037).....	11	2.9	2.8
SEPTICEMIA (038).....	29	7.6	6.9
ACUTE POLIOMYELITIS (045).....	-	-	-
SMALLPOX (050).....	-	-	-
MEASLES (055).....	-	-	-
YELLOW FEVER (060).....	-	-	-
ARTHROPOD-BORNE ENCEPHALITIS (062-064).....	-	-	-
VIRAL HEPATITIS (070).....	-	-	-
RABIES (071).....	-	-	-
MALARIA (084).....	-	-	-
TRYPANOSOMIASIS (086).....	-	-	-
SYPHILIS (090-097).....	-	-	-
ALL OTHER INFECTIOUS AND PARASITIC DISEASES (REST OF 001-199).....	17	4.5	4.7
MALIGNANT NEOPLASM OF STOMACH (151).....	20	5.2	5.6
MALIGNANT NEOPLASM OF COLON (153).....	3	0.8	0.9
MALIGNANT NEOPLASM OF RECTUM, RECTOSIGMOID JUNCTION AND ANUS (154).....	6	1.6	1.7
MALIGNANT NEOPLASM OF TRACHEA, BRONCHUS AND LUNG (162).....	14	3.7	3.7
MALIGNANT NEOPLASM OF FEMALE BREAST (174).....	14	3.7	4.0
MALIGNANT NEOPLASM OF CERVIX UTERI (180).....	15	3.9	3.9
LEUKEMIA (204-208).....	12	3.1	3.3
MALIGNANT NEOPLASM OF OTHER AND UNSPECIFIED SITES (REST OF 140-208).....	75	19.7	20.9
OTHER AND UNSPECIFIED NEOPLASMS (210-239).....	17	4.5	4.5
DIABETES MELLITUS (250).....	39	10.2	11.0
KWASHIORKOR (260).....	8	2.1	1.9
NUTRITIONAL MARASMOUS (261).....	4	1.0	1.0
OTHER PROTEIN-CALORIE MALNUTRITION (262-263).....	-	-	-
AVITAMINOSIS (264-269).....	-	-	-
OTHER ENDOCRINE AND METABOLIC DISEASES (REST OF 240-279).....	14	3.7	3.8
ANEMIAS (280-285).....	10	2.6	2.7
OTHER DISEASES OF BLOOD AND BLOOD FORMING ORGANS (286-289).....	4	1.0	1.1
MENTAL DISORDERS (290-319).....	6	1.6	1.8
MENTINGITIS (320-322).....	9	2.4	2.2
OTHER DISEASES OF NERVOUS SYSTEM AND SENSE ORGANS (323-389).....	18	4.7	4.9
ACUTE RHEUMATIC FEVER (390-392).....	3	0.8	0.8
CHRONIC RHEUMATIC HEART DISEASE (393-398).....	8	2.1	2.3
HYPERTENSIVE DISEASE (401-405).....	35	9.2	9.8
ACUTE MYOCARDIAL INFARCTION (410).....	95	24.9	26.2
OTHER ISCHEMIC HEART DISEASE (411-414).....	16	4.2	4.5
DISEASES OF PULMONARY CIRCULATION AND OTHER HEART DISEASE (415-429).....	211	55.4	57.6
CEREBROVASCULAR DISEASE (430-438).....	170	44.6	46.4
ATHEROSCLEROSIS (440).....	47	12.3	13.1
OTHER DISEASES OF CIRCULATORY SYSTEM (441-459).....	14	3.7	3.8
PNEUMONIA (480-486).....	53	13.9	14.1
INFLUENZA (487).....	12	3.1	3.4
BRONCHITIS, EMPHYSEMA AND ASTHMA (490-493).....	49	12.9	13.0
OTHER DISEASES OF RESPIRATORY SYSTEM (460-478, 494-519).....	16	4.2	4.2
ULCER OF STOMACH AND DUODENUM (531-533).....	5	1.3	1.3
APPENDICITIS (540-543).....	1	0.3	0.2
INTESTINAL OBSTRUCTION AND HERNIA (550-553, 560).....	11	2.9	3.1
CHRONIC LIVER DISEASE AND CIRRHOSIS (571).....	46	12.1	13.1
OTHER DISEASES OF DIGESTIVE SYSTEM (REST OF 520-579).....	44	11.5	11.8
NEPHRITIS, NEPHROTIC SYNDROME AND NEPHROSIS (580-589).....	31	8.1	8.9
HYPERPLASIA OF PROSTATE (600).....	7	1.8	1.7
OTHER DISEASE OF GENITOURINARY SYSTEM (590-599, 601-629).....	16	4.2	4.4
ABORTION (630-639).....	3	0.8	0.9
DIRECT OBSTETRIC DEATHS (640-644, 651-676).....	3	0.8	0.9
OTHER OBSTETRIC DEATHS (647, 648, 650).....	-	-	-
CONGENITAL ANOMALIES (740-759).....	43	11.3	10.0
BIRTH TRAUMA (767).....	1	0.3	0.2
OTHER CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-766, 768-779).....	239	62.7	53.9
SYMPTOMS AND ILL-DEFINED CONDITIONS (780-799).....	891	233.9	83.5
ALL OTHER DISEASES (680-739).....	7	1.8	1.9
MOTOR VEHICLE TRAFFIC ACCIDENTS (E810-E819).....	60	15.7	16.9
ACCIDENTAL FALLS (E880-E888).....	6	1.6	1.8
ALL OTHER ACCIDENTS (REST OF E800-E949).....	58	15.2	15.8
SUICIDE (E950-E959).....	49	12.9	14.2
HOMICIDE (E960-E969).....	20	5.2	5.7
INJURY UNKNOWN WHETHER ACCIDENTALLY OR PURPOSELY INFLECTED (E980-E989).....	10	2.6	2.9
ALL OTHER VIOLENCE (E970-E978, E990-E999).....	-	-	-

Table II-4  
COMPARISON BETWEEN THE MORTALITY LISTS USED IN ANNEX TABLES II-2 AND II-3

8 <sup>th</sup> REVISION LIST		9 <sup>th</sup> REVISION LIST	
Cause group	ICD Code	Cause group	ICD Code
All causes		All causes	
Cholera	000	Cholera	001
Typhoid fever	001	Typhoid fever	002.0
Paratyphoid fever and other salmonella infections (a)	002,003	Paratyphoid fever and food poisoning (a)	002.1-002.9 003,005
Bacillary dysentery and amebiasis	004,006	Shigellosis and amebiasis	004,006
Enteritis and other diarrheal diseases (b)	008,009	Other intestinal infections (b)	007-009
Tuberculosis of respiratory system	010-012	Tuberculosis of respiratory system	010-012
Other tuberculosis (c)	013-019	Other tuberculosis (c)	013-018
Plague	020	Plague	020
Diphtheria	032	Diphtheria	032
Whooping cough	033	Whooping cough	033
Streptococcal sore throat and scarlet fever (d)	034	(d)	
Meningococcal infection	036	Meningococcal infection	036
Tetanus (e)	037	Tetanus (e)	037
(f)		Septicemia (f)	038
Acute poliomyelitis	040-043	Acute poliomyelitis	045
Smallpox	050	Smallpox	050
Measles	055	Measles	055
Yellow fever	060	Yellow fever	060
Viral encephalitis (g)	062-065	Arthropod-borne encephalitis (g)	062-064
Infectious hepatitis	070	Viral hepatitis	070
Rabies	071	Rabies	071
Typhus and other rickettsioses (d)	080-083	(d)	

See footnotes at end of table.

Table II-4  
COMPARISON BETWEEN THE MORTALITY LISTS USED IN ANNEX TABLES II-2 AND II-3

8 <sup>th</sup> REVISION LIST		9 <sup>th</sup> REVISION LIST	
Cause group	ICD Code	Cause group	ICD Code
Malaria	084	Malaria	084
Trypanosomiasis	086,087	Trypanosomiasis	086
Syphilis and its sequelae	090-097	Syphilis	090-097
All other infective and parasitic diseases (h)	Rest of 000-136	All other infectious and parasitic diseases (h)	Rest of 001-139
Malignant neoplasms	140-209	Malignant neoplasm of stomach	151
		Malignant neoplasm of colon	153
		Malignant neoplasm of rectum, rectosigmoid junction and anus	154
		Malignant neoplasm of trachea, bronchus and lung	162
		Malignant neoplasm of female breast	174
		Malignant neoplasm of cervix uteri	180
		Leukemia	204-208
		Malignant neoplasm of other and unspecified sites	Rest of 140-208
Benign and unspecified neoplasms	210-239	Other and unspecified neoplasms	210-239
Diabetes mellitus	250	Diabetes mellitus	250
		Kwashiorkor	260
Avitaminoses and other nutritional deficiency	260-269	Nutritional marasmus	261
		Other protein-calorie malnutrition	262,263
		Avitaminosis	264-269
Other endocrine and metabolic diseases	Rest of 240-279	Other endocrine and metabolic diseases	Rest of 240-279
Anemias	280-285	Anemias	280-285
Other diseases of blood and blood-forming organs	286-289	Other diseases of blood and blood-forming organs	286-289
Mental disorders	290-315	Mental disorders	290-319
Meningitis	320	Meningitis	320-322
Other diseases of nervous system and sense organs	321-389	Other diseases of nervous system and sense organs	323-389
Active rheumatic fever	390-392	Acute rheumatic fever	390-392
Chronic rheumatic heart disease	393-398	Chronic rheumatic heart disease	393-398
Hypertensive disease	400-404	Hypertensive disease	401-405

See footnotes at end of table.



Table II-4  
COMPARISON BETWEEN THE MORTALITY LISTS USED IN ANNEX TABLES II-2 AND II-3

8 <sup>th</sup> REVISION LIST		9 <sup>th</sup> REVISION LIST	
Cause group	ICD Code	Cause group	ICD Code
Ischemic heart disease	410-414	Acute myocardial infarction	410
		Other ischemic heart disease	411-414
Other forms of heart disease (i)	420-429	Diseases of pulmonary circulation and other heart disease (i)	415-429
Cerebrovascular disease	430-438	Cerebrovascular disease	430-438
(j)		Atherosclerosis (j)	440
Other diseases of circulatory system (k)	440-448 450-458	Other diseases of circulatory system	441-459
Influenza	470-474	Influenza	487
Pneumonia	480-486	Pneumonia	480-486
Bronchitis, emphysema and asthma	490-493	Bronchitis, emphysema and asthma	490-493
Other diseases of respiratory system	460-466 500-519	Other diseases of respiratory system	460-478 494-519
Peptic ulcer	531-533	Ulcer of stomach and duodenum	531-533
Appendicitis	540-543	Appendicitis	540-543
Intestinal obstruction and hernia	550-553 560	Intestinal obstruction and hernia	550-553 560
Cirrhosis of liver	571	Chronic liver disease and cirrhosis	571
Other diseases of digestive system	Rest of 520-577	Other diseases of digestive system	Rest of 520-579
Nephritis and nephrosis	580-584	Nephritis, nephrotic syndrome and nephrosis	580-589
Hyperplasia of prostate	600	Hyperplasia of prostate	600
Other diseases of genitourinary system	590-599 601-629	Other diseases of genitourinary system	590-599 601-629
Abortion	640-645	Abortion	630-639
Other complications of pregnancy, childbirth and puerperium	630-639 650-678	Direct obstetric causes	640-646 651-676
		Other obstetric causes	647,648,650
Congenital anomalies	740-759	Congenital anomalies	740-759
Birth injury, dystocia and other hypoxic conditions	764-768 772,776	Birth trauma	767

See footnotes at end of table.

Table II-4  
COMPARISON BETWEEN THE MORTALITY LISTS USED IN ANNEX TABLES II-2 AND II-3

8 <sup>th</sup> REVISION LIST		9 <sup>th</sup> REVISION LIST	
Cause group	ICD Code	Cause group	ICD Code
Other causes of perinatal mortality	Rest of 760-779	Other conditions originating in the perinatal period (e)	760-766 768-779
Symptoms and ill-defined conditions	780-796	Symptoms and ill-defined conditions	780-799
All other diseases	680-738	All other diseases	680-739
Motor vehicle accidents (l,o)	E810-E823	Motor vehicle traffic accidents (l,o)	E810-E819
(m,o)		Accidental falls (m,o)	E880-E888
All other accidents (n,o)	E800-E807 E825-E949	All other accidents (n,o)	Rest of E800-E949
Suicide	E950-E959	Suicide	E950-E959
Homicide, legal intervention and operations of war (p)	E960-E978 E990-E999	Homicide	E960-E969
		All other violence (p)	E970-E978 E990-E999
Injury unknown whether accidentally or purposely inflicted	E980-E989	Injury unknown whether accidentally or purposely inflicted	E980-E989

Note: All the cause groups footnoted in this table are not equivalent for the 8th and 9th Revisions; footnotes will indicate, in each case, specific differences between the two Revisions for each group of causes.

- (a) Food poisoning is not included in this cause group in the 8th Revision list; instead it is included in residual cause group "All other infective and parasitic diseases."
- (b) Category 007 "Other protozoal intestinal diseases" is not included in this cause group in the 8th Revision list, instead it is part of residual cause group "All other infective and parasitic diseases."
- (c) Late effects of tuberculosis are included in this cause group in the 8th Revision list; in the 9th Revision they are included in residual cause "All other infectious and parasitic diseases" with ICD code 137.
- (d) In the 9th Revision list, this cause is included in residual cause group "All other infectious and parasitic diseases."
- (e) In the 8th Revision list, Tetanus includes Tetanus neonatorum; in the 9th Revision the latter is included under "Other conditions originating in the perinatal period" with ICD code 771.3.
- (f) In the 8th Revision list, Septicemia is included in residual cause group "All other infective and parasitic diseases."
- (g) "Viral encephalitis, NOS" is included in this cause group in the 8th Revision list; in the 9th Revision the same is included in residual cause "All other infectious and parasitic diseases."
- (h) This residual category reflects footnotes 'a' through 'g'.
- (i) In the 8th Revision list, "Diseases of pulmonary circulation" are included in residual category "Other diseases of circulatory system."
- (j) In the 8th Revision list, Atherosclerosis is part of residual category "Other diseases of circulatory system."
- (k) Includes Diseases of pulmonary circulation and Atherosclerosis (see also notes 'i' and 'j').
- (l) In the 8th Revision list, Motor vehicle nontraffic accidents are included in this cause group; in the 9th Revision, however, they are included under "All other accidents."
- (m) Included in "All other accidents" in the 8th Revision list.
- (n) This cause group reflects footnotes 'l' and 'm'.
- (o) The addition of cause groups "Motor vehicle accidents" and "All other accidents" of the 8th Revision list is equivalent to the addition of cause groups "Motor vehicle traffic accidents," "Accidental falls," and "All other accidents" of the 9th Revision list.
- (p) Group cause "All other violence" of the 9th Revision list is equivalent to "Legal intervention and operations of war" of the 8th Revision list.

Table II-5a  
NUMBER OF DEATHS FROM ALL CAUSES, BY AGE, SEX, AND COUNTRY

C O U N T R Y	YEAR	ALL AGES	AGE IN YEARS									UN-KNOWN
			UNDER 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75 AND OVER	
BOTH SEXES												
ARGENTINA	1978	233482	31731	2575	5188	6605	10769	21868	34289	50030	67909	2518
ARGENTINA	1979	12240	1118	31	82	145	108	181	214	222	4	
BARBADOS	1978	2050	151	26	29	32	55	112	276	517	837	15
BELIZE	1979	651	200	17	14	16	10	37	51	98	167	41
CANADA	1978	168179	5175	1441	4899	4051	5312	13032	25494	38715	69934	126
CHILE	1979	74178	10300	1364	2641	2862	4130	7203	9899	14847	20808	124
COLOMBIA	1977	145426	45747	5945	8059	7634	8205	10769	14850	18649	24345	1223
COSTA RICA	1979	9143	1807	272	458	431	492	653	958	1592	2437	43
CUBA	1978	54949	4160	1039	1936	1868	2345	3910	6934	12631	19967	159
DOMINICA	1978	417	45	17	16	7	21	31	40	74	130	36
DOMINICAN REPUBLIC	1978	23127	7909	925	1141	986	1163	1586	1851	2456	4151	959
ECUADOR	1978	56601	23929	2793	2926	2660	3801	3095	3820	4908	8635	1004
EL SALVADOR	1974	30533	11777	1425	1606	1545	1834	1980	2541	3225	4280	320
GUATEMALA	1978	63998	32446	4313	3295	3152	3214	3420	3833	4218	5660	447
GUYANA	1977	5833	1390	180	280	233	300	593	785	938	1065	119
HONDURAS	1978	18127	6575	1084	1036	1016	1028	141	1315	1622	2064	1246
JAMAICA	1971	14437	2816	417	417	327	344	571	1126	2726	3977	102
MARTINIQUE	1975	2190	206	39	44	44	96	217	371	451	707	17
MEXICO	1976	455660	166472	17690	22084	23162	26885	30367	35147	49261	78113	6479
NICARAGUA	1977	12492	4564	521	834	787	702	804	996	1230	1878	176
PANAMA	1974	9015	2619	493	431	399	444	562	946	1187	1934	147
PARAGUAY (*)	1978	13015	4127	417	560	506	609	858	1110	1522	3159	147
PERU	1978	81806	33633	3300	3639	3416	3776	4459	5656	7076	12734	4117
PUERTO RICO	1977	19895	1657	263	630	692	919	1514	2614	3809	7737	60
ST. VINCENT	1979	693	161	14	14	10	13	34	67	108	229	43
SURINAME	1973	2730	531	129	29	292	126	204	251	349	551	507
TRINIDAD AND TOBAGO	1977	7311	719	40	27	291	333	701	128	196	196	14
UNITED STATES	1978	192788	54378	12300	48500	45822	58166	141385	292831	452259	821623	765
URUGUAY	1978	28041	2737	200	443	484	909	2367	4069	6307	10408	117
VENEZUELA	1978	72470	20346	2294	4405	3850	3864	6046	8543	9961	13031	130
MALE												
ARGENTINA	1978	134883	17531	1508	3259	3961	6799	14755	22903	30556	31966	1645
ARGENTINA	1979	6698	118	25	42	62	113	193	118	118	64	
BARBADOS	1978	923	84	12	16	17	28	55	142	289	275	5
BELIZE	1979	329	110	10	7	3	4	22	25	54	77	17
CANADA	1978	97115	2960	921	3739	2867	3506	8589	16785	24212	33461	75
CHILE	1979	41119	5780	818	1763	1926	2640	4525	6001	8214	9374	78
COLOMBIA	1977	78948	24771	3332	5209	4903	4573	5863	8248	10000	11217	732
COSTA RICA	1979	5294	1043	163	326	304	326	417	541	903	1243	28
CUBA	1978	31393	2279	636	1060	1095	1373	2262	4113	7593	10857	125
DOMINICA	1978	204	25	7	7	3	12	20	21	39	49	21
DOMINICAN REPUBLIC	1978	12647	4225	528	648	575	656	905	1121	1433	2012	544
ECUADOR	1978	30147	12546	1506	1650	1577	1601	1827	2350	2733	4080	387
EL SALVADOR	1974	1742	640	73	102	119	120	180	1456	1732	2045	341
GUATEMALA	1978	35527	17473	2584	1962	1882	1822	2038	2248	2237	2919	362
GUYANA	1977	3251	769	105	179	128	185	368	485	512	445	75
HONDURAS	1978	9873	3474	583	622	659	610	655	707	838	1023	702
JAMAICA	1971	7472	1567	228	185	193	288	635	1156	1524	1633	63
MARTINIQUE	1975	1191	118	24	25	25	56	133	264	264	298	14
MEXICO	1976	252563	90937	10079	14369	14983	16846	18678	20253	26006	36234	3778
NICARAGUA	1977	7012	2592	307	568	559	435	471	537	606	820	117
PANAMA	1974	5065	1413	268	257	235	247	342	606	699	998	8
PARAGUAY (*)	1978	6724	2280	222	311	266	317	438	622	814	1365	2159
PERU	1978	42439	17648	1797	1961	1756	1893	2533	3126	3860	5706	3862
PUERTO RICO	1977	11554	951	165	475	509	638	999	1664	2246	3862	45
ST. VINCENT	1979	327	81	8	6	8	8	19	33	55	81	29
SURINAME	1978	1533	285	21	40	57	73	144	165	185	288	274
TRINIDAD AND TOBAGO	1977	4009	408	83	179	165	204	412	768	930	852	1
UNITED STATES	1978	1056200	36504	7494	3667	32308	31212	89481	186508	271630	361352	518
URUGUAY	1978	15608	1558	120	278	298	364	1540	2387	4607	76	
VENEZUELA	1978	41197	11319	1340	3211	2629	2352	3770	5153	5549	5788	86
FEMALE												
ARGENTINA	1978	98599	14200	1067	1929	2644	3970	7113	11386	19474	35943	873
ARGENTINA	1979	542	97	14	13	15	27	57	134	228	562	10
BARBADOS	1978	1127	67	14	13	13	6	15	26	44	90	24
BELIZE	1979	322	90	7	7	7	6	15	26	44	90	24
CANADA	1978	71064	2215	520	1160	1184	1806	4443	8709	14503	36473	51
CHILE	1979	33059	4520	546	878	936	1490	2678	3898	6633	11434	46
COLOMBIA	1977	66478	20976	2613	2850	2731	3632	4806	6602	8649	13128	491
COSTA RICA	1979	3849	764	109	132	127	166	236	417	689	1194	15
CUBA	1978	23556	1881	403	876	773	972	1648	2821	5038	9110	34
DOMINICA	1978	212	19	10	9	4	9	11	19	35	81	15
DOMINICAN REPUBLIC	1978	10480	3684	397	493	411	507	681	730	1023	2139	415
ECUADOR	1978	26454	11383	1287	1276	1083	1200	1268	1580	2175	4585	617
EL SALVADOR	1974	13401	5367	712	874	426	630	800	1085	1443	2235	79
GUATEMALA	1978	28471	12973	1729	1333	1270	1392	1382	1585	1981	2741	85
GUYANA	1977	2632	621	75	101	105	115	225	300	426	620	44
HONDURAS	1978	8254	3101	501	414	357	418	486	608	784	1041	544
JAMAICA	1971	6965	1249	167	142	151	283	491	897	1272	2314	39
MARTINIQUE	1975	999	88	15	17	19	40	84	137	187	409	3
MEXICO	1976	201549	75096	7570	7627	8089	9946	11600	14821	22734	41740	2326
NICARAGUA	1977	5480	1972	214	266	228	267	333	459	624	1058	59
PANAMA	1974	3950	1206	225	174	164	197	220	340	488	936	58
PARAGUAY (*)	1978	6291	1847	195	249	240	292	420	488	708	1794	1958
PERU	1978	39367	15985	1503	1678	1660	1883	1926	2530	3216	7028	1958
PUERTO RICO	1977	8341	706	98	183	183	281	427	950	1563	3875	15
ST. VINCENT	1979	366	80	6	8	3	5	15	34	53	148	14
SURINAME	1978	1197	246	19	39	34	53	60	86	164	263	233
TRINIDAD AND TOBAGO	1977	3302	311	46	88	126	128	289	530	707	1077	76
UNITED STATES	1978	872498	23420	4536	12483	13614	20957	51784	106343	180626	458488	247
URUGUAY	1978	12493	1176	140	270	277	345	827	1359	2449	5801	38
VENEZUELA	1978	31273	9027	954	1194	1221	1512	2276	3390	4412	7243	44

(\*) AREA OF INFORMATION ONLY.

Table II-5b  
CRUDE, AGE-ADJUSTED, AND AGE-SPECIFIC DEATH RATES PER 1,000  
POPULATION FROM ALL CAUSES, BY SEX AND COUNTRY

C O U N T R Y	YEAR	CRUDE RATE	AGE- ADJUSTED RATE	UNDER 5	AGE IN YEARS								
					5-14	15-24	25-34	35-44	45-54	55-64	65-74	75 AND OVER	
BOTH SEXES													
ARGENTINA	1978	8.8	5.8	11.5	0.5	1.1	1.8	3.3	7.2	15.3	34.8	102.4	
BAHAMAS	1979	5.5	5.9	6.2	0.5	1.7	4.8	17.2	41.2	88.8	108.4		
BARBADOS	1978	7.7	6.4	0.4	0.5	1.0	2.5	4.7	13.4	28.1	108.4		
BELIZE	1979	4.1	3.6	7.1	0.3	0.5	1.0	0.8	3.7	16.4	83.5		
CANADA	1978	7.2	3.8	3.0	0.4	1.1	2.0	5.3	12.6	28.9	88.0		
CHILE	1979	6.8	5.7	8.4	0.6	1.2	1.7	3.4	7.8	15.7	37.3		
COLOMBIA	1977	5.8	6.3	11.8	0.8	1.6	2.5	3.6	6.8	15.2	35.9		
COSTA RICA	1979	4.2	4.3	6.4	0.5	0.9	1.3	2.4	4.5	10.2	29.9		
CUBA	1978	5.7	3.8	3.8	0.7	1.2	1.3	2.4	4.9	10.9	28.7		
DOMINICA	1978	5.1	3.9	3.3	0.7	1.2	1.5	3.5	5.3	8.7	24.7		
DOMINICAN REPUBLIC	1978	4.5	4.5	9.0	0.6	1.2	1.7	2.4	5.4	10.6	24.6		
ECUADOR	1978	7.2	7.4	17.6	1.3	1.9	2.6	4.0	6.3	11.8	28.7		
EL SALVADOR	1974	7.9	7.6	16.8	1.3	2.1	2.9	5.3	7.9	16.0	35.4		
GUATEMALA	1978	9.4	9.2	27.2	2.3	2.4	2.5	5.1	7.7	15.2	31.1		
GUYANA	1977	7.3	7.7	11.8	0.8	1.6	4.5	11.4	21.2	46.9	133.4		
HONDURAS	1978	5.3	5.1	9.4	1.1	1.6	2.4	3.5	5.6	9.9	23.9		
JAMAICA	1971	7.6	6.7	9.4	0.7	0.9	1.6	4.0	8.6	17.5	45.2		
MARTINIQUE	1975	6.8	5.3	15.0	0.5	0.7	1.3	3.0	8.7	18.6	37.6		
MEXICO	1976	5.7	7.4	11.0	1.0	1.8	2.9	4.9	8.3	16.4	35.3		
NICARAGUA	1977	6.4	5.4	11.2	0.7	1.9	3.0	3.3	6.1	12.4	28.3		
PANAMA	1974	5.7	5.5	10.2	1.1	1.4	2.0	3.0	5.1	13.0	31.6		
PARAGUAY (*)	1978	7.9	8.4	16.1	0.9	1.8	2.7	4.3	7.7	15.0	37.1		
PERU	1978	4.9	5.0	13.1	0.7	1.1	1.5	2.4	4.0	8.0	17.9		
PUERTO RICO	1977	6.0	4.3	7.4	0.9	1.1	1.9	2.7	4.5	8.0	20.4		
ST. VINCENT	1979	6.1	5.1	7.7	0.4	0.7	1.4	4.4	12.5	33.2	120.5		
SURINAME	1978	7.3	6.0	8.9	0.4	1.3	2.0	3.6	9.0	14.9	33.1		
TRINIDAD AND TOBAGO	1977	6.5	6.4	5.7	0.5	1.1	1.8	3.1	8.0	19.6	47.5		
UNITED STATES	1978	8.7	4.1	3.5	0.3	1.2	1.3	2.3	6.0	13.9	29.7		
URUGUAY	1978	5.8	5.3	10.0	0.4	1.0	1.3	2.5	6.8	15.3	35.2		
VENEZUELA	1978	5.5	5.8	9.5	0.7	1.6	2.1	3.4	7.0	15.9	36.6		
MALE													
ARGENTINA	1978	10.2	6.9	12.5	0.6	1.4	2.1	4.2	9.8	21.4	45.3		
BAHAMAS	1979	6.3	7.2	7.1	0.4	2.0	2.6	5.7	13.1	23.6	53.3		
BARBADOS	1978	7.3	6.9	7.1	0.4	0.6	1.4	2.7	4.5	13.1	34.6		
BELIZE	1979	4.2	3.6	7.9	0.4	0.5	0.4	0.7	4.4	6.3	27.0		
CANADA	1978	8.3	4.9	3.3	0.5	1.6	1.5	2.6	6.9	17.3	39.4		
CHILE	1979	7.6	7.0	9.3	0.7	1.5	2.3	4.3	10.1	20.4	47.0		
COLOMBIA	1977	6.4	7.0	12.5	0.9	2.1	3.3	4.1	7.7	17.1	39.8		
COSTA RICA	1979	4.8	5.0	7.2	0.6	1.3	1.9	3.2	5.7	12.4	35.4		
CUBA	1978	4.3	4.8	4.1	0.6	1.3	1.6	2.6	3.6	6.6	31.2		
DOMINICA	1978	5.3	4.5	3.7	0.5	1.1	1.0	4.6	7.7	10.0	32.5		
DOMINICAN REPUBLIC	1978	4.9	4.9	9.5	0.7	1.4	2.0	2.6	5.8	11.8	27.9		
ECUADOR	1978	7.6	8.1	18.1	1.4	2.1	3.1	4.6	7.5	14.0	33.4		
EL SALVADOR	1974	8.8	8.8	18.0	1.3	2.7	4.6	6.9	9.4	19.1	43.8		
GUATEMALA	1978	10.2	10.1	22.6	2.7	2.8	4.2	5.8	9.1	18.0	38.1		
GUYANA	1977	8.1	9.0	12.9	0.9	2.0	2.8	5.8	14.2	25.5	56.9		
HONDURAS	1978	5.7	5.6	9.8	1.2	1.9	3.1	4.2	6.4	10.7	25.4		
JAMAICA	1971	8.0	7.7	10.2	0.8	1.9	1.9	4.7	10.6	20.6	53.3		
MARTINIQUE	1975	7.7	6.7	4.8	0.6	0.9	1.7	3.7	11.1	26.0	59.7		
MEXICO	1976	8.0	8.6	16.1	1.1	3.3	3.7	6.2	11.1	19.5	43.9		
NICARAGUA	1977	6.2	6.3	12.5	1.0	2.7	4.4	4.3	7.4	14.0	29.7		
PANAMA	1974	6.3	6.2	10.9	1.2	1.7	2.3	3.2	5.9	15.6	36.8		
PARAGUAY (*)	1978	8.2	9.3	17.3	0.9	2.0	2.9	4.5	8.1	17.3	42.8		
PERU	1978	5.0	5.2	13.0	0.8	1.2	1.6	2.6	4.6	9.0	20.2		
PUERTO RICO	1977	7.1	7.1	3.0	0.4	1.4	4.0	4.0	7.4	15.4	34.6		
ST. VINCENT	1979	6.1	6.1	7.7	0.5	0.7	1.3	2.0	5.6	16.5	55.0		
SURINAME	1978	8.2	7.0	9.4	0.4	1.3	2.5	4.1	12.5	20.3	35.1		
TRINIDAD AND TOBAGO	1977	7.0	7.9	6.3	0.6	1.4	2.0	3.9	9.2	23.5	53.6		
UNITED STATES	1978	9.8	5.2	3.8	0.4	1.7	1.9	3.1	9.8	18.5	41.1		
URUGUAY	1978	11.1	6.3	11.3	0.5	1.2	1.6	3.1	20.9	46.0	117.8		
VENEZUELA	1978	6.3	6.8	10.3	0.8	2.3	3.0	4.1	8.5	19.2	40.5		
FEMALE													
ARGENTINA	1978	7.5	4.7	10.5	0.4	0.9	1.4	2.5	4.7	9.8	25.5		
BAHAMAS	1979	4.8	4.7	5.7	0.5	1.5	0.8	2.2	4.2	13.0	25.0		
BARBADOS	1978	8.1	7.1	7.1	0.4	0.6	1.4	2.7	4.2	11.5	25.7		
BELIZE	1979	4.1	3.5	6.4	0.3	0.5	1.6	0.9	3.0	6.5	22.0		
CANADA	1978	6.0	2.8	2.6	0.3	0.5	0.6	1.4	3.6	8.2	20.0		
CHILE	1979	6.0	4.6	7.0	0.5	0.8	1.1	2.4	5.7	11.7	29.8		
COLOMBIA	1977	5.2	5.6	11.0	0.7	1.7	3.0	3.0	5.9	13.3	32.2		
COSTA RICA	1979	3.6	3.5	5.5	0.4	0.5	0.8	1.1	3.2	8.7	22.9		
CUBA	1978	5.0	3.8	3.5	0.3	1.1	1.1	1.9	4.2	9.2	25.6		
DOMINICA	1978	5.0	3.4	2.8	0.8	1.3	1.1	2.6	3.4	7.6	19.4		
DOMINICAN REPUBLIC	1978	4.1	4.1	8.4	0.5	0.9	1.4	2.1	4.9	9.2	21.1		
ECUADOR	1978	6.7	6.8	17.1	1.2	1.7	2.2	3.5	5.3	9.5	24.4		
EL SALVADOR	1974	6.9	6.8	15.5	1.5	1.6	1.8	3.7	5.3	13.2	30.1		
GUATEMALA	1978	8.4	8.3	25.7	1.9	2.0	2.9	4.5	6.3	12.5	28.7		
GUYANA	1977	6.5	6.5	10.7	0.6	1.1	2.2	3.3	8.7	16.5	38.7		
HONDURAS	1978	4.8	4.6	9.0	1.0	1.3	1.7	2.9	4.8	9.1	22.4		
JAMAICA	1971	7.2	5.9	8.4	0.6	0.8	1.5	3.2	7.0	14.2	38.7		
MARTINIQUE	1975	6.1	4.2	3.6	0.3	0.6	1.1	2.4	6.5	15.5	38.7		
MEXICO	1976	6.5	6.4	13.8	0.9	1.3	2.0	3.7	6.3	13.4	31.2		
NICARAGUA	1977	4.7	4.5	9.8	0.6	1.2	1.6	2.4	4.9	11.0	27.0		
PANAMA	1974	5.1	4.9	9.6	1.1	1.2	1.6	2.7	4.2	10.0	26.3		
PARAGUAY (*)	1978	7.6	7.7	14.8	0.9	1.6	2.5	4.4	7.4	12.8	35.7		
PERU	1978	4.7	4.8	12.6	0.7	1.0	1.5	2.4	4.5	7.0	16.7		
PUERTO RICO	1977	4.9	3.2	3.9	0.3	0.5	0.8	1.6	3.6	8.8	21.7		
ST. VINCENT	1979	6.1	4.5	7.8	0.4	0.8	0.4	0.9	3.5	10.6	27.9		
SURINAME	1978	6.4	5.3	8.5	0.3	1.2	1.4	3.0	5.4	31.1	100.0		
TRINIDAD AND TOBAGO	1977	6.0	5.3	3.0	0.3	0.7	0.8	1.6	6.8	15.9	41.4		
UNITED STATES	1978	6.6	3.1	3.1	0.3	0.6	1.0	1.6	9.9	22.0	71.2		
URUGUAY	1978	8.5	4.2	8.6	0.3	0.7	1.0	1.8	4.7	9.9	25.6		
VENEZUELA	1978	4.8	4.9	8.7	0.6	0.9	1.3	2.6	5.4	12.6	29.2		

(\*) AREA OF INFORMATION ONLY.

Table II-5a  
 NUMBER OF DEATHS FROM ALL INFECTIVE AND PARASITIC DISEASES (001-136) BY AGE, SEX, AND COUNTRY

COUNTRY	YEAR	ALL AGES	AGE IN YEARS									UN-KNOWN
			UNDER 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75 AND OVER	
BOTH SEXES												
ARGENTINA	1973	11173	6299	223	264	380	555	822	906	890	732	102
BAHAMAS	1979	45	22	1	3	1	1	2	4	7	3	-
BARBADOS	1978	44	16	-	5	-	-	5	7	5	6	-
BELIZE	1979	87	57	3	1	-	-	5	3	4	9	5
CANADA	1978	987	190	20	32	26	37	73	112	191	309	16
CHILE	1979	4350	1595	140	178	249	324	427	426	510	495	6
COLOMBIA	1977	21719	15397	1255	673	632	613	708	768	725	775	173
COSTA RICA	1979	465	312	16	10	9	17	14	21	36	28	2
CUBA	1978	1320	603	77	31	47	52	60	91	138	218	3
DOMINICA	1973	30	10	-	-	-	-	-	-	5	11	-
DOMINICAN REPUBLIC	1978	3205	2302	142	122	115	98	93	57	67	92	117
ECUADOR	1978	11389	6754	577	326	285	289	243	276	277	336	36
EL SALVADOR	1974	5518	3719	333	111	109	151	204	269	284	316	22
GUATEMALA	1978	19066	12370	1404	679	747	697	748	809	719	774	119
GUYANA	1977	652	411	32	18	12	33	40	33	40	43	14
HONDURAS	1978	3426	2433	303	74	57	74	89	118	120	149	9
JAMAICA	1971	1120	763	91	16	42	51	72	55	64	61	3
MARTINIQUE	1975	72	49	2	-	-	-	6	8	10	15	2
MEXICO	1976	83166	55968	4431	2134	2389	2711	2692	2958	3804	5262	817
NICARAGUA	1977	2684	2248	117	50	44	39	30	30	48	51	27
PANAMA	1974	1263	744	124	48	48	68	50	59	84	71	20
PARAGUAY (*)	1973	2193	1498	118	55	42	51	72	72	84	181	20
PERU	1978	19623	11952	873	870	825	677	730	795	577	1176	878
PUERTO RICO	1977	542	179	9	8	11	16	46	66	74	130	3
ST. VINCENT	1979	57	35	2	3	-	-	3	7	2	6	2
SURINAME	1978	133	77	6	4	9	6	10	17	3	13	-
TRINIDAD AND TOBAGO	1977	215	150	7	5	9	9	17	21	30	31	-
UNITED STATES	1978	18042	2631	259	452	543	702	1383	241	3563	6023	11
URUGUAY	1978	917	493	10	17	28	23	64	72	81	127	2
VENEZUELA	1978	7428	5174	200	153	147	217	316	428	398	386	9
MALE												
ARGENTINA	1973	6365	3390	122	114	179	333	544	601	555	401	66
BAHAMAS	1979	14	7	1	-	-	-	2	3	3	2	-
BARBADOS	1978	19	9	-	-	-	-	1	2	3	4	-
BELIZE	1979	47	30	2	-	-	-	1	3	4	3	-
CANADA	1978	555	106	10	18	13	20	44	69	110	165	6
CHILE	1979	2565	857	83	86	147	207	312	296	326	249	6
COLOMBIA	1977	11362	8100	632	323	310	326	401	491	456	403	92
COSTA RICA	1979	229	170	5	2	5	9	11	16	21	12	1
CUBA	1978	740	308	46	12	28	34	34	56	89	140	3
DOMINICA	1973	13	7	-	-	-	-	-	-	-	2	-
DOMINICAN REPUBLIC	1978	1727	1229	76	69	57	46	59	41	43	46	64
ECUADOR	1978	6033	4534	285	177	161	176	162	178	183	176	21
EL SALVADOR	1974	3932	2674	159	62	58	85	123	172	156	189	12
GUATEMALA	1973	10228	6474	727	330	436	387	443	503	404	412	112
GUYANA	1977	363	231	19	7	9	6	21	27	15	19	3
HONDURAS	1978	1835	1336	149	34	31	33	42	63	70	74	3
JAMAICA	1971	661	456	27	7	6	11	41	47	43	20	3
MARTINIQUE	1975	60	32	-	-	-	-	4	7	8	8	-
MEXICO	1976	44034	25754	2274	1009	1172	1458	1595	1694	2133	2512	433
NICARAGUA	1977	1434	1266	61	25	22	21	12	17	19	28	13
PANAMA	1974	668	372	58	26	24	40	32	41	31	44	-
PARAGUAY (*)	1973	1178	810	66	44	18	28	42	46	48	89	13
PERU	1978	10212	6123	450	483	410	346	419	450	478	573	478
PUERTO RICO	1977	317	94	4	7	7	9	32	40	47	79	2
ST. VINCENT	1979	31	21	2	1	-	-	1	1	1	1	-
SURINAME	1978	71	42	4	2	1	3	5	2	6	6	-
TRINIDAD AND TOBAGO	1977	205	128	7	5	6	6	10	14	20	14	-
UNITED STATES	1978	9649	1494	134	238	267	391	820	1447	2020	2830	5
URUGUAY	1978	515	274	7	11	16	12	46	50	54	54	2
VENEZUELA	1978	4172	2812	111	89	73	122	217	280	263	200	5
FEMALE												
ARGENTINA	1973	4808	2909	101	150	201	222	278	305	335	331	36
BAHAMAS	1979	25	7	-	4	-	-	3	5	2	4	-
BARBADOS	1978	25	7	-	-	-	-	4	-	-	5	-
BELIZE	1979	40	27	1	1	-	-	-	-	-	5	2
CANADA	1978	432	84	10	14	9	17	29	43	81	144	1
CHILE	1979	1785	738	57	52	102	117	115	130	188	246	-
COLOMBIA	1977	10183	7297	623	350	322	287	307	277	267	372	81
COSTA RICA	1979	213	142	1	8	4	8	3	5	15	16	1
CUBA	1978	580	295	31	19	19	28	26	35	49	78	-
DOMINICA	1973	17	3	-	-	-	-	-	1	2	9	-
DOMINICAN REPUBLIC	1978	1478	1073	66	56	58	52	34	16	24	46	53
ECUADOR	1978	5356	4220	292	149	124	113	81	98	104	160	15
EL SALVADOR	1974	2506	1698	174	69	51	66	81	97	128	132	10
GUATEMALA	1978	8838	5896	677	349	311	310	305	306	315	361	7
GUYANA	1977	289	180	13	9	9	6	12	13	18	24	5
HONDURAS	1978	1591	1097	154	40	26	41	47	55	50	75	6
JAMAICA	1971	459	307	24	9	10	12	14	17	25	41	7
MARTINIQUE	1975	32	17	1	-	-	-	2	3	3	1	-
MEXICO	1976	38904	26097	2151	1116	1210	1247	1084	1257	1656	2736	348
NICARAGUA	1977	1200	982	56	25	22	18	18	13	29	23	14
PANAMA	1974	595	372	66	22	24	28	18	18	20	27	-
PARAGUAY (*)	1973	1015	688	52	31	24	23	30	26	42	92	7
PERU	1978	9441	5829	423	385	415	331	311	345	399	603	400
PUERTO RICO	1977	85	25	4	4	4	7	14	26	27	51	1
ST. VINCENT	1979	26	14	-	2	-	-	1	1	1	1	-
SURINAME	1978	62	35	2	2	1	3	5	5	2	7	-
TRINIDAD AND TOBAGO	1977	145	87	4	3	7	3	7	7	10	17	-
UNITED STATES	1978	8393	1137	119	214	282	311	563	1034	1534	3193	6
URUGUAY	1978	402	219	3	6	12	11	46	50	54	72	7
VENEZUELA	1978	3256	2362	89	64	74	95	99	148	135	186	4

(\*) AREA OF INFORMATION ONLY.



Table II-5b  
 CRUDE, AGE-ADJUSTED, AND AGE-SPECIFIC DEATH RATES PER 100,000 POPULATION FROM ALL INFECTIVE  
 AND PARASITIC DISEASES (001-136), BY SEX AND COUNTRY

C O U N T R Y	YEAR	CRUDE RATE	AGE- ADJUSTED RATE	UNDER 5	AGE IN YEARS								
					5-14	15-24	25-34	35-44	45-54	55-64	65-74	75 AND OVER	
BOTH SEXES													
ARGENTINA	1978	42.3	43.2	228.3	4.6	5.8	10.1	17.1	27.2	40.4	61.8	110.4	
BAHAMAS	1979	20.1	23.1	63.6	1.6	8.3	6.0	4.5	12.5	38.1	134.6	120.0	
BARBADOS	1978	16.6	18.0	67.6	-	9.0	-	-	21.1	33.9	27.2	77.7	
BELIZE	1979	55.1	45.8	203.6	6.0	3.8	-	-	50.0	37.2	100.0	450.0	
CANADA	1978	4.2	3.4	10.9	0.5	0.7	-	-	2.9	5.5	14.3	38.9	
CHILE	1979	39.8	41.2	130.6	5.9	7.8	15.0	26.3	46.4	67.7	128.3	256.2	
COLOMBIA	1977	86.7	87.6	395.5	17.2	13.0	20.4	26.6	44.7	78.6	139.5	323.5	
COSTA RICA	1979	21.4	22.1	110.6	2.9	2.0	2.8	8.4	9.6	22.3	67.6	114.0	
CUBA	1978	13.6	17.2	55.0	3.2	1.9	3.4	5.0	7.5	18.3	31.4	113.0	
DOMINICA	1978	36.9	32.9	73.9	7.9	-	-	-	21.7	31.6	66.7	61.1	
DOMINICAN REPUBLIC	1978	62.6	66.4	261.3	9.1	12.3	19.8	20.1	31.7	33.8	67.1	156.7	
ECUADOR	1978	144.2	146.0	644.8	26.7	21.4	28.2	41.5	49.8	85.0	156.3	405.3	
EL SALVADOR	1974	142.0	127.0	529.2	31.0	14.8	22.7	43.5	80.9	169.6	311.7	812.5	
GUATEMALA	1978	278.7	263.3	1035.3	75.0	50.1	83.8	111.5	168.5	325.0	528.7	1433.3	
GUYANA	1977	80.5	85.4	348.3	13.6	8.9	19.4	17.9	63.5	108.1	165.0	537.5	
HONDURAS	1978	99.6	86.7	347.2	30.9	11.2	13.6	25.4	43.6	88.7	176.5	571.1	
JAMAICA	1971	58.9	56.9	253.6	9.3	4.4	7.4	16.1	42.1	55.6	109.9	231.1	
MARTINIQUE	1975	28.8	29.7	99.4	2.3	-	-	-	24.0	40.0	83.3	250.0	
MEXICO	1976	133.4	126.8	503.8	25.4	17.6	29.9	49.8	73.8	137.8	272.7	729.2	
NICARAGUA	1977	116.1	95.5	549.8	16.4	11.3	16.5	18.8	22.8	37.4	110.3	193.0	
PANAMA	1974	79.9	77.9	289.3	25.8	16.0	23.6	45.8	45.2	81.2	135.9	338.2	
PARAGUAY (*)	1978	132.7	161.9	582.9	25.3	17.6	22.2	35.7	64.9	97.3	204.9	696.2	
PERU	1978	116.8	121.2	466.3	19.3	26.1	36.6	43.5	65.7	112.1	221.2	647.6	
PUERTO RICO	1977	16.3	14.5	48.1	1.2	1.2	2.4	4.7	16.6	30.6	52.5	151.2	
ST. VINCENT	1979	50.3	46.0	167.4	6.1	16.0	-	21.5	39.0	38.5	65.0	315.8	
SURINAME	1978	37.8	37.9	129.7	5.4	-	4.3	17.0	43.9	41.6	75.9	276.4	
TRINIDAD AND TOBAGO	1977	31.3	36.9	169.6	4.7	2.0	5.6	8.4	19.5	31.8	87.1	276.6	
UNITED STATES	1978	8.1	5.7	16.7	0.7	1.1	1.6	2.8	5.9	11.8	23.4	64.9	
URUGUAY	1978	32.0	32.1	179.8	2.0	3.8	7.5	6.3	18.4	27.0	45.2	125.4	
VENEZUELA	1978	56.6	54.1	241.9	5.8	5.5	8.2	19.0	36.4	79.7	138.2	327.1	
MALE													
ARGENTINA	1978	47.8	46.8	241.5	4.9	5.0	9.5	20.4	36.2	55.4	82.2	141.7	
BAHAMAS	1979	27.0	31.4	99.7	3.2	5.7	11.8	8.9	25.6	60.0	227.3	111.7	
BARBADOS	1978	15.0	17.6	76.2	-	-	-	-	19.9	19.3	35.9	78.1	
BELIZE	1979	59.5	48.5	214.3	8.0	-	-	-	20.0	75.0	200.0	400.0	
CANADA	1978	4.8	4.0	11.8	0.5	0.8	0.7	1.5	3.6	7.1	17.9	53.2	
CHILE	1979	47.4	49.1	137.9	6.9	7.5	17.7	34.5	69.9	100.6	187.4	336.6	
COLOMBIA	1977	93.6	93.5	409.5	17.2	13.0	21.0	29.5	51.8	102.0	182.3	377.3	
COSTA RICA	1979	23.0	23.9	118.0	1.8	0.8	3.1	8.9	15.1	34.7	82.1	106.6	
CUBA	1978	15.0	18.1	55.0	3.7	1.5	4.0	4.6	8.4	16.9	36.6	144.3	
DOMINICA	1978	33.8	35.5	103.2	15.5	-	-	38.2	50.6	43.3	83.7	333.3	
DOMINICAN REPUBLIC	1978	67.2	61.5	276.1	9.6	14.0	20.3	18.5	66.8	111.4	199.0	483.6	
ECUADOR	1978	151.6	157.6	629.1	26.0	23.0	31.7	50.6	66.8	111.4	221.1	890.0	
EL SALVADOR	1974	153.9	140.3	565.9	29.2	11.0	23.8	48.7	98.2	225.0	376.4	1090.0	
GUATEMALA	1978	295.0	278.2	1058.3	76.3	47.8	96.5	122.5	198.7	402.4	603.0	1648.0	
GUYANA	1977	90.3	97.1	388.9	16.0	7.9	20.0	18.8	80.8	142.1	166.7	633.3	
HONDURAS	1978	106.4	91.8	376.6	30.3	10.2	14.7	22.6	41.2	95.5	161.7	516.7	
JAMAICA	1971	70.7	67.7	298.1	9.7	3.8	5.9	17.6	68.3	83.8	150.3	207.0	
MARTINIQUE	1975	38.7	40.9	129.4	2.3	-	-	-	33.3	77.8	140.0	400.0	
MEXICO	1976	139.9	134.5	526.1	25.6	16.3	29.1	53.6	88.6	162.9	320.5	760.5	
NICARAGUA	1977	130.9	104.3	611.0	16.9	11.8	17.5	20.7	18.9	44.4	93.0	248.2	
PANAMA	1974	83.4	82.2	287.2	26.6	17.5	23.5	52.5	54.8	105.7	163.1	437.1	
PARAGUAY (*)	1978	143.0	173.0	613.6	27.6	15.3	19.6	40.0	77.8	127.8	221.1	890.0	
PERU	1978	121.1	125.5	472.3	19.8	28.9	36.3	44.6	75.8	128.9	249.7	693.7	
PUERTO RICO	1977	19.5	16.5	49.6	1.0	0.9	3.3	5.7	23.9	37.0	68.1	197.5	
ST. VINCENT	1979	58.2	55.5	198.6	12.0	11.2	-	25.0	58.8	50.0	100.0	166.7	
SURINAME	1978	38.0	39.7	137.9	7.1	6.5	4.4	17.0	43.3	24.6	113.9	289.9	
TRINIDAD AND TOBAGO	1977	36.0	44.0	197.4	6.3	1.6	2.4	11.5	22.4	42.8	118.2	392.0	
UNITED STATES	1978	8.9	6.6	18.4	0.7	1.5	3.2	7.2	16.5	17.5	30.7	88.5	
URUGUAY	1978	36.7	36.6	198.7	2.7	4.9	8.7	6.2	26.4	33.2	59.7	138.1	
VENEZUELA	1978	63.5	60.8	256.3	6.4	6.4	8.4	21.5	48.9	104.1	192.0	400.0	
FEMALE													
ARGENTINA	1978	36.9	39.7	214.7	4.2	6.7	10.9	13.8	18.4	26.3	43.8	87.1	
BAHAMAS	1979	13.3	18.3	59.1	-	10.8	-	-	-	15.2	86.7	120.0	
BARBADOS	1978	18.0	18.5	67.6	-	14.1	-	-	21.9	48.6	19.9	77.5	
BELIZE	1979	50.6	43.1	192.9	4.0	7.7	-	-	80.0	-	-	500.0	
CANADA	1978	3.7	2.9	9.8	0.5	0.6	0.5	1.3	2.3	4.1	11.2	29.7	
CHILE	1979	32.4	34.1	123.1	4.9	8.1	12.2	18.8	24.3	38.9	84.4	205.2	
COLOMBIA	1977	80.0	20.1	381.0	17.7	13.1	19.9	23.9	37.9	55.9	80.1	280.1	
COSTA RICA	1979	19.8	20.4	102.8	4.1	3.2	2.5	8.0	4.1	10.4	54.3	120.2	
CUBA	1978	12.2	16.3	55.0	2.6	2.4	2.7	5.4	6.6	11.4	24.9	81.3	
DOMINICA	1978	39.7	27.3	44.4	-	-	-	58.8	-	40.0	111.1	750.0	
DOMINICAN REPUBLIC	1978	57.6	51.8	245.0	8.5	10.7	19.3	21.8	24.7	20.2	49.6	148.9	
ECUADOR	1978	136.6	137.8	634.2	27.5	19.8	24.7	32.5	33.0	59.5	116.9	544.0	
EL SALVADOR	1974	129.9	114.8	491.3	31.9	18.7	21.5	36.3	63.9	110.0	257.7	599.7	
GUATEMALA	1978	262.0	248.6	1011.1	73.7	52.5	70.8	100.3	138.0	240.9	456.5	1248.3	
GUYANA	1977	70.8	76.0	310.3	11.1	10.0	18.8	17.1	46.2	72.2	163.6	480.0	
HONDURAS	1978	92.8	81.5	317.1	31.6	12.2	12.4	28.3	46.1	82.1	142.9	535.7	
JAMAICA	1971	47.5	46.2	207.6	9.0	5.1	8.8	14.7	19.8	28.8	75.1	248.5	
MARTINIQUE	1975	19.4	19.9	69.1	2.3	-	-	-	15.4	9.1	42.9	175.0	
MEXICO	1976	126.1	118.7	478.5	25.1	18.7	30.6	45.8	58.6	113.6	227.0	699.1	
NICARAGUA	1977	101.8	86.6	486.9	15.9	10.8	15.7	16.5	26.5	31.1	125.5	151.9	
PANAMA	1974	76.4	75.4	296.6	31.0	14.6	23.6	38.6	34.5	53.1	107.9	247.1	
PARAGUAY (*)	1978	122.6	151.1	550.4	22.8	19.9	24.7	31.2	52.6	68.4	190.9	575.0	
PERU	1978	112.6	117.0	460.1	18.9	23.2	36.9	42.4	55.8	99.9	194.6	609.1	
PUERTO RICO	1977	13.3	12.6	46.6	1.3	1.5	1.7	3.9	9.8	24.1	37.5	110.9	
ST. VINCENT	1979	43.3	38.7	136.8	1.3	20.2	-	18.5	23.3	31.3	52.6	384.6	
SURINAME	1978	33.1	35.1	121.1	3.6	6.3	4.1	17.0	44.6	57.5	38.0	266.2	
TRINIDAD AND TOBAGO	1977	26.4	30.3	140.5	2.9	2.0	9.0	5.5	16.5	23.0	58.2	222.6	
UNITED STATES	1978	7.5	6.9	14.8	0.7	1.0	1.6	2.4	4.6	9.3	17.5	53.8	
URUGUAY	1978	27.5	27.6	160.7	0.2	2.6	6.3	5.9	10.2	21.1	32.4	117.4	
VENEZUELA	1978	49.7	47.5	226.7	5.2	4.6	8.0	16.4	23.3	55.2	89.4	273.5	

(\*) AREA OF INFORMATION ONLY.

Table II-5a  
 NUMBER OF DEATHS FROM ENTERITIS AND OTHER DIARRHEAL DISEASES (008, 009),  
 BY AGE, SEX, AND COUNTRY

COUNTRY	YEAR	ALL AGES	AGE IN YEARS									UN- KNOWN
			UNDER 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75 AND OVER	
BOTH SEXES												
ARGENTINA	1978	3352	3039	27	6	17	15	26	39	63	95	25
BAHAMAS	1979	25	21	-	1	1	-	-	1	-	2	-
BARBADOS	1978	5	2	-	-	-	-	-	-	-	-	4
BELIZE	1979	67	52	1	-	-	-	-	2	-	-	-
CANADA	1978	222	59	3	2	3	9	11	27	108	-	
CHILE	1979	1129	747	14	10	11	15	21	35	93	183	
COLOMBIA	1977	11375	10150	348	55	52	38	81	102	171	278	
COSTA RICA	1979	164	160	2	-	-	-	-	-	-	-	
CUBA	1978	448	272	8	5	1	4	6	12	37	101	
DOMINICA	1978	77	8	-	-	-	-	-	1	1	7	
DOMINICAN REPUBLIC	1978	1492	1264	46	24	14	15	10	18	44	47	
ECUADOR	1978	6892	6219	236	43	26	40	38	65	70	135	
EL SALVADOR	1974	4072	3014	235	40	33	72	91	153	91	233	
GUATEMALA	1978	11243	7541	768	307	301	368	400	480	495	610	
GUYANA	1977	477	384	13	4	4	7	12	17	25	7	
HONDURAS	1978	1696	1272	124	23	16	28	37	57	52	84	
JAMAICA	1971	688	578	22	6	2	4	11	10	16	38	
MARTINIQUE	1975	51	43	1	-	-	-	-	-	-	-	
MEXICO	1975	51235	40178	1921	613	676	784	805	1074	1640	3138	
NICARAGUA	1977	1702	1531	14	8	7	11	9	21	36	14	
PANAMA	1974	500	312	48	17	16	26	11	13	23	34	
PARAGUAY (*)	1978	1591	1248	86	13	10	18	15	24	35	124	
PERU	1978	9340	7461	290	98	64	77	110	157	228	418	
PUERTO RICO	1977	113	1	-	-	-	-	-	2	8	29	
ST. VINCENT	1979	17	31	-	-	-	-	-	1	-	-	
SURINAME	1978	63	42	1	2	-	-	1	2	4	9	
TRINIDAD AND TOBAGO	1977	245	201	6	1	-	1	2	4	10	20	
UNITED STATES	1978	1874	788	17	17	29	33	48	116	227	598	
URUGUAY	1978	400	296	-	2	4	9	13	13	16	57	
VENEZUELA	1978	3707	3349	62	16	12	14	21	37	55	136	
MALE												
ARGENTINA	1978	1771	1618	14	2	12	7	15	22	28	39	
BAHAMAS	1979	16	14	-	-	1	-	-	-	-	1	
BARBADOS	1978	1	1	-	-	-	-	-	-	-	-	
BELIZE	1979	34	28	1	-	-	-	-	-	-	2	
CANADA	1978	98	31	2	1	1	4	5	11	43	-	
CHILE	1979	573	412	7	4	6	11	18	39	69	-	
COLOMBIA	1977	6010	5395	167	26	22	21	48	59	90	125	
COSTA RICA	1979	89	87	1	-	-	-	-	-	-	6	
CUBA	1978	240	137	2	1	-	2	2	9	22	63	
DOMINICA	1978	8	5	-	-	-	-	-	-	-	2	
DOMINICAN REPUBLIC	1978	776	651	29	12	6	7	4	5	11	19	
ECUADOR	1978	3571	3216	120	23	16	30	21	37	41	63	
EL SALVADOR	1974	2191	1640	106	13	8	35	53	87	107	133	
GUATEMALA	1978	6062	3985	416	138	157	208	218	286	264	317	
GUYANA	1977	263	217	8	2	3	2	4	8	5	9	
HONDURAS	1978	924	704	70	13	9	18	13	32	26	38	
JAMAICA	1971	388	334	10	2	2	-	9	6	14	5	
MARTINIQUE	1975	30	30	-	-	-	-	-	-	-	-	
MEXICO	1976	26931	21547	985	284	308	393	428	575	845	1359	
NICARAGUA	1977	973	882	30	9	4	5	7	7	20	6	
PANAMA	1974	268	168	17	11	9	16	9	15	18	18	
PARAGUAY (*)	1978	836	663	50	7	4	9	15	13	14	12	
PERU	1978	4776	3873	158	53	31	37	52	74	104	172	
PUERTO RICO	1977	52	27	-	-	-	-	-	5	3	14	
ST. VINCENT	1979	19	17	1	-	-	1	-	-	-	-	
SURINAME	1978	35	25	1	2	-	2	-	2	3	-	
TRINIDAD AND TOBAGO	1977	146	117	6	-	-	-	-	6	11	11	
UNITED STATES	1978	904	417	10	10	14	19	26	59	113	215	
URUGUAY	1978	205	159	-	1	1	2	5	6	8	21	
VENEZUELA	1978	1975	1807	31	11	5	8	9	17	32	52	
FEMALE												
ARGENTINA	1978	1581	1421	13	4	5	8	11	17	35	56	
BAHAMAS	1978	4	1	-	-	-	-	-	1	-	2	
BARBADOS	1978	4	1	-	-	-	-	-	-	-	-	
BELIZE	1979	33	26	-	-	-	-	1	-	-	4	
CANADA	1978	124	28	7	1	9	5	6	16	65	-	
CHILE	1979	556	335	7	4	9	10	17	34	54	114	
COLOMBIA	1979	5365	4755	181	29	30	17	33	43	81	153	
COSTA RICA	1979	75	73	1	-	-	-	-	-	-	1	
CUBA	1978	208	135	6	4	1	2	4	3	15	38	
DOMINICA	1978	9	3	-	-	-	-	-	-	-	5	
DOMINICAN REPUBLIC	1978	716	613	17	12	8	6	5	7	17	25	
ECUADOR	1978	3321	3033	116	20	18	10	17	24	33	73	
EL SALVADOR	1974	1881	1374	129	27	17	37	38	66	90	100	
GUATEMALA	1978	5281	3556	352	169	144	160	182	194	231	293	
GUYANA	1977	214	167	5	2	2	3	4	4	12	16	
HONDURAS	1978	772	568	54	10	7	10	24	25	26	46	
JAMAICA	1971	300	244	12	4	-	3	2	7	24	4	
MARTINIQUE	1975	21	16	1	-	-	-	-	1	-	3	
MEXICO	1976	24172	18551	933	326	367	389	374	495	787	1771	
NICARAGUA	1977	729	649	21	5	2	3	4	5	14	16	
PANAMA	1974	232	144	31	6	7	10	4	8	16	16	
PARAGUAY (*)	1978	755	585	36	6	6	9	6	9	22	70	
PERU	1978	4564	3583	132	45	33	40	58	83	124	246	
PUERTO RICO	1977	61	34	3	-	-	2	-	3	3	15	
ST. VINCENT	1979	18	18	-	-	-	1	-	2	3	6	
SURINAME	1978	28	17	-	-	-	-	1	2	6	9	
TRINIDAD AND TOBAGO	1977	99	84	1	-	-	-	1	4	9	-	
UNITED STATES	1978	970	341	7	7	15	14	28	61	114	383	
URUGUAY	1978	195	137	-	1	2	4	7	8	8	36	
VENEZUELA	1978	1732	1542	31	5	7	6	12	20	23	84	

(\*) AREA OF INFORMATION ONLY.

Table II-5b  
CRUDE, AGE-ADJUSTED, AND AGE-SPECIFIC DEATH RATES PER 100,000 POPULATION FROM ENTERITIS  
AND OTHER DIARRHEAL DISEASES (008, 009), BY SEX AND COUNTRY

COUNTRY	YEAR	CRUDE RATE	AGE-ADJUSTED RATE	AGE IN YEARS										
				UNDER 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75 AND OVER		
BOTH SEXES														
ARGENTINA	1978	12.7	15.7	110.1	0.6	0.1	0.5	0.5	0.9	1.7	4.4	14.3		
BAHAMAS	1979	11.2	14.0	60.7	-	-	2.8	3.0	-	-	-	80.0		
BARBADOS	1978	1.9	2.0	8.5	-	-	-	-	-	4.8	-	25.9		
BELIZE	1979	42.4	34.4	192.9	2.0	-	-	-	-	-	-	300.0		
CANADA	1978	0.9	0.8	73.4	0.4	0.1	0.7	0.2	20.0	0.5	2.0	13.6		
CHILE	1979	10.3	12.3	61.2	0.6	0.4	0.7	1.2	3.1	5.6	23.4	94.7		
COLUMBIA	1977	45.4	45.1	260.7	4.8	1.1	1.7	1.6	5.1	10.4	32.9	116.0		
COSTA RICA	1979	7.6	7.8	56.7	0.4	-	-	-	-	-	1.9	4.1		
CUBA	1978	26.6	6.7	24.8	0.3	0.3	0.1	0.4	0.8	1.9	8.4	52.3		
DOMINICA	1978	20.9	19.4	59.1	-	-	-	-	16.7	-	33.3	388.9		
DOMINICAN REPUBLIC	1978	29.1	25.5	143.5	2.9	2.4	2.4	3.1	3.4	5.8	18.0	75.0		
ECUADOR	1978	87.2	87.5	458.1	10.9	2.8	2.6	5.8	7.8	20.0	41.0	162.8		
EL SALVADOR	1974	104.8	92.1	428.9	21.9	5.3	6.9	20.7	36.1	96.5	210.7	599.1		
GUATEMALA	1978	165.8	156.9	631.1	41.0	22.7	33.8	58.9	90.1	190.5	364.0	1129.6		
GUYANA	1977	58.9	63.4	325.4	5.7	2.2	4.3	6.0	13.5	32.4	85.0	312.5		
HONDURAS	1978	49.3	43.5	181.5	12.7	3.5	3.5	9.6	18.1	42.9	76.5	323.3		
JAMAICA	1971	36.2	35.4	191.1	4.0	1.7	0.9	2.8	8.4	8.7	25.8	133.3		
MARTINIQUE	1975	15.9	19.5	83.1	1.2	-	-	-	-	-	5.0	133.3		
MEXICO	1976	82.2	76.5	361.7	11.0	5.1	8.5	14.4	22.1	50.0	117.6	434.8		
NICARAGUA	1977	73.6	58.9	374.4	7.1	3.2	3.0	3.3	8.4	11.2	48.2	136.3		
PANAMA	1974	31.6	30.7	121.3	11.2	5.7	7.3	10.0	17.9	13.5	61.3	162.0		
PARAGUAY (*)	1978	96.3	119.6	485.6	18.4	6.2	5.3	12.6	13.5	32.4	85.4	476.9		
PERU	1978	55.5	58.3	291.1	6.4	2.9	2.8	4.9	9.9	22.1	57.5	230.2		
PUERTO RICO	1977	3.4	3.5	16.4	0.4	-	-	-	0.6	0.4	4.2	5.7	33.7	
ST. VINCENT	1979	32.6	31.3	148.3	3.0	-	-	-	21.3	-	-	-	157.9	
SURINAME	1978	16.8	17.6	70.8	0.9	3.2	-	-	5.7	4.4	11.9	38.0	191.5	
TRINIDAD AND TOBAGO	1977	29.7	27.8	156.5	2.1	0.9	-	-	5.7	6.1	28.0	178.5		
UNITED STATES	1978	0.8	0.9	5.0	0.0	0.0	0.1	0.1	0.2	0.6	1.5	6.4		
URUGUAY	1978	14.0	15.9	107.9	-	0.4	0.3	1.1	2.6	4.9	8.9	56.3		
VENEZUELA	1978	28.3	25.7	156.6	1.8	0.6	0.7	1.2	2.4	6.9	19.1	115.3		
MALE														
ARGENTINA	1978	13.4	16.1	115.2	0.6	0.1	0.6	0.4	1.0	2.0	4.1	13.8		
BAHAMAS	1979	11.4	11.8	79.7	-	-	5.9	-	-	-	-	111.1		
BARBADOS	1978	0.8	1.4	8.5	-	-	-	-	-	-	-	-		
BELIZE	1979	43.0	34.8	200.0	4.0	-	-	-	-	-	-	200.0		
CANADA	1978	0.8	0.8	3.5	-	0.1	0.1	0.1	0.3	0.5	1.8	13.9		
CHILE	1979	10.6	13.0	66.3	0.6	0.3	0.8	1.0	2.5	6.1	22.3	94.7		
COLUMBIA	1977	48.8	47.7	272.7	4.6	1.0	1.5	1.9	6.2	12.3	35.8	117.0		
COSTA RICA	1979	8.1	8.2	60.4	0.4	-	-	-	-	-	3.1	-		
CUBA	1978	4.9	6.7	24.4	0.2	0.1	-	-	0.4	0.5	2.7	9.9	64.9	
DOMINICA	1978	20.8	24.3	73.7	-	-	-	-	38.5	-	-	333.3		
DOMINICAN REPUBLIC	1978	30.4	25.9	146.3	3.7	2.0	2.1	2.8	2.6	5.3	21.4	68.3		
ECUADOR	1978	89.7	89.9	464.7	10.9	3.0	1.6	8.6	8.7	25.7	45.2	170.3		
EL SALVADOR	1974	111.9	99.5	459.3	19.4	3.4	6.6	20.0	42.3	113.8	246.1	787.9		
GUATEMALA	1978	174.8	164.5	651.4	43.7	20.0	34.7	65.8	97.8	228.8	394.0	1268.0		
GUYANA	1977	65.4	70.8	365.3	6.7	2.2	6.7	6.3	15.4	42.1	55.6	300.0		
HONDURAS	1978	53.6	45.5	198.4	14.3	3.9	4.3	12.3	12.7	48.5	78.8	316.7		
JAMAICA	1971	41.5	40.0	218.3	3.6	1.1	2.0	1.6	15.0	10.7	31.5	141.4		
MARTINIQUE	1975	15.4	23.8	101.1	-	-	-	-	-	-	-	250.0		
MEXICO	1976	85.6	79.9	381.0	11.1	4.6	7.6	14.4	23.8	55.3	127.0	411.5		
NICARAGUA	1977	85.8	66.7	425.7	8.3	4.3	4.8	4.0	7.9	10.4	34.3	177.3		
PANAMA	1974	33.5	32.9	129.7	7.8	7.4	8.8	21.0	12.0	18.0	78.9	178.8		
PARAGUAY (*)	1978	101.5	123.9	525.3	20.9	4.5	4.5	12.9	16.7	41.7	68.4	540.0		
PERU	1978	56.6	59.1	299.1	6.9	3.2	2.7	4.8	9.4	21.2	54.3	208.2		
PUERTO RICO	1977	3.2	3.0	14.2	-	-	-	-	-	0.7	4.6	7.2	35.0	
ST. VINCENT	1979	35.6	34.3	160.8	6.0	-	-	-	25.0	-	-	-	-	
SURINAME	1978	18.7	19.7	82.1	1.8	6.5	-	-	11.3	4.5	9.2	38.0	144.9	
TRINIDAD AND TOBAGO	1977	29.7	33.5	180.4	3.5	0.8	-	-	1.9	0.5	34.6	308.0		
UNITED STATES	1978	0.8	0.9	5.6	0.1	0.0	0.2	0.2	0.2	0.6	1.7	6.4		
URUGUAY	1978	14.6	16.9	115.3	-	0.4	0.5	1.1	2.9	4.6	9.5	53.7		
VENEZUELA	1978	30.1	26.7	164.7	1.8	0.8	0.6	1.4	2.0	6.3	23.4	104.0		
FEMALE														
ARGENTINA	1978	12.0	15.2	104.9	0.5	0.2	0.3	0.5	0.7	1.5	4.6	14.7		
BAHAMAS	1979	8.0	9.5	40.9	-	-	-	-	-	9.7	-	62.5		
BARBADOS	1978	2.9	2.4	8.4	-	-	-	-	-	-	-	38.8		
BELIZE	1979	41.8	33.9	185.7	-	-	-	-	-	-	-	400.0		
CANADA	1978	1.0	0.8	3.3	-	0.0	0.1	0.2	0.4	0.6	2.2	13.4		
CHILE	1979	10.1	11.5	55.9	0.6	0.5	0.5	1.4	2.1	5.1	24.3	95.1		
COLUMBIA	1977	42.2	43.0	248.3	5.0	1.1	1.9	1.4	4.1	8.1	30.2	115.2		
COSTA RICA	1979	7.0	7.4	51.9	0.4	-	-	-	-	-	-	7.5		
CUBA	1978	4.4	6.7	25.2	0.5	0.5	0.1	0.4	1.0	1.0	7.6	39.6		
DOMINICA	1978	21.0	14.2	44.4	-	-	-	-	-	-	55.6	416.7		
DOMINICAN REPUBLIC	1978	27.9	24.8	140.0	2.2	2.3	2.7	3.3	4.4	6.3	14.5	80.9		
ECUADOR	1978	84.7	85.1	451.3	10.9	2.7	3.6	2.9	6.9	14.6	37.1	157.0		
EL SALVADOR	1974	97.5	85.2	397.5	24.4	7.3	7.2	21.5	30.0	80.3	181.1	454.3		
GUATEMALA	1978	156.6	149.2	609.8	38.3	25.4	32.8	51.8	82.4	152.8	334.8	1010.3		
GUYANA	1977	52.5	57.6	287.9	4.3	2.2	2.1	5.7	11.5	22.2	109.1	320.0		
HONDURAS	1978	45.0	39.3	164.2	11.1	3.1	3.3	6.9	23.5	37.3	74.3	324.6		
JAMAICA	1971	31.1	30.7	165.0	4.5	2.3	-	3.7	2.8	6.8	21.0	145.5		
MARTINIQUE	1975	12.7	15.7	65.1	2.3	-	-	-	-	9.1	-	75.0		
MEXICO	1976	78.3	72.6	340.2	10.9	5.5	9.3	14.3	20.2	44.7	107.9	452.5		
NICARAGUA	1977	61.9	51.0	321.8	5.9	2.2	1.4	2.7	8.8	12.0	60.6	105.7		
PANAMA	1974	29.8	29.2	114.8	14.6	4.0	6.9	13.8	7.7	17.7	43.2	146.4		
PARAGUAY (*)	1978	91.2	115.3	468.0	15.8	3.8	6.2	12.3	10.5	23.7	100.0	437.5		
PERU	1978	54.4	57.3	282.8	5.9	2.7	2.9	5.1	10.4	23.1	60.4	248.5		
PUERTO RICO	1977	3.6	3.0	18.6	0.8	-	-	-	-	3.7	4.2	32.6		
ST. VINCENT	1979	28.8	28.8	136.8	-	-	-	-	18.5	-	-	230.8		
SURINAME	1978	15.0	15.2	58.8	-	-	-	-	-	8.9	23.0	38.0	228.1	
TRINIDAD AND TOBAGO	1977	18.0	22.7	135.6	0.7	-	-	-	0.1	3.0	23.4	117.9		
UNITED STATES	1978	0.9	0.8	4.4	0.0	0.0	0.1	0.1	0.2	0.6	1.3	6.5		
URUGUAY	1978	13.4	14.9	100.5	-	0.4	0.4	1.1	2.3	5.1	8.4	57.9		
VENEZUELA	1978	26.4	24.6	148.0	1.8	0.4	0.8	1.0	2.8	7.5	15.2	123.5		

(\*) AREA OF INFORMATION ONLY.

Table II-5a  
NUMBER OF DEATHS FROM TUBERCULOSIS, ALL FORMS (010-019), BY AGE, SEX, AND COUNTRY

COUNTRY	YEAR	ALL AGES	AGE IN YEARS									UN-KNOWN
			UNDER 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75 AND OVER	
BOTH SEXES												
ARGENTINA	1978	1959	156	45	100	168	261	357	357	302	199	14
BAHAMAS	1978	7	-	-	-	-	-	1	2	-	-	-
BARBADOS	1978	15	1	-	1	-	-	1	2	4	3	1
BELIZE	1979	153	4	1	3	4	8	17	48	69	65	1
CANADA	1978	220	11	16	90	168	243	324	309	317	195	5
CHILE	1979	1678	2658	115	230	304	342	398	392	314	244	23
COLOMBIA	1977	92	4	2	4	5	12	10	14	26	14	1
COSTA RICA	1978	225	2	1	3	9	17	23	41	62	71	1
CUBA	1978	5	-	-	-	-	-	2	-	-	-	-
DOMINICA	1978	416	31	24	57	74	57	57	34	28	27	27
DOMINICAN REPUBLIC	1978	1220	67	56	161	190	183	148	144	139	127	5
Ecuador	1978	357	17	11	31	43	39	68	67	40	37	4
EL SALVADOR	1974	922	52	40	115	143	136	148	144	92	48	1
GUATEMALA	1978	67	4	3	3	8	3	18	9	10	8	1
GUYANA	1977	135	9	4	10	18	21	19	22	22	10	-
HONDURAS	1978	66	3	4	3	3	6	12	20	11	3	-
JAMAICA	1971	11	-	-	-	-	-	-	-	-	-	-
MARTINIQUE	1975	8213	624	278	642	1018	1161	1109	1079	1173	1012	117
MEXICO	1976	42	1	4	7	9	2	5	5	3	3	1
NICARAGUA	1977	212	29	8	17	23	31	26	34	25	19	-
PANAMA	1978	231	12	5	25	17	29	45	35	36	27	-
PARAGUAY (*)	1978	4053	190	180	515	584	443	473	489	485	541	153
PERU	1977	198	1	-	3	6	6	31	45	41	63	1
PUERTO RICO	1978	8	-	-	-	-	-	3	2	-	-	-
ST. VINCENT	1978	4	-	-	-	-	-	4	10	9	2	-
SURINAME	1978	27	1	-	-	-	-	4	10	9	2	-
TRINIDAD AND TOBAGO	1977	2914	19	7	28	69	126	344	580	747	993	1
UNITED STATES	1978	147	7	4	3	3	10	24	33	33	24	1
URUGUAY	1978	838	43	22	42	61	102	131	192	151	94	-
VENEZUELA	1978											
MALE												
ARGENTINA	1978	1306	83	22	41	89	171	262	273	221	135	9
BAHAMAS	1978	1	-	-	-	-	-	2	3	-	-	-
BARBADOS	1978	9	-	-	1	-	-	-	-	4	-	-
BELIZE	1979	153	3	1	2	2	6	10	33	47	49	1
CANADA	1978	1193	4	10	43	105	165	254	238	239	130	5
CHILE	1979	1549	163	55	104	152	186	223	274	228	153	11
COLOMBIA	1977	52	1	-	1	3	8	7	10	15	7	-
COSTA RICA	1978	144	2	-	1	2	8	11	25	39	49	-
CUBA	1978	2	-	-	-	-	-	-	-	-	-	-
DOMINICA	1978	237	21	10	32	37	28	36	25	15	18	15
DOMINICAN REPUBLIC	1978	758	43	26	91	116	111	99	96	92	81	3
Ecuador	1978	245	9	9	18	24	28	47	52	28	27	3
EL SALVADOR	1974	561	29	13	63	84	75	97	104	61	31	4
GUATEMALA	1978	38	3	-	1	4	1	11	8	6	4	-
GUYANA	1978	69	4	-	1	2	6	11	11	15	9	-
HONDURAS	1971	43	1	1	2	4	4	8	16	9	-	-
JAMAICA	1975	9	-	-	-	-	-	1	2	5	-	-
MARTINIQUE	1975	4964	350	130	317	576	679	737	702	765	628	80
MEXICO	1976	23	4	2	8	11	17	2	24	15	12	-
NICARAGUA	1977	124	16	4	8	11	17	24	24	15	12	-
PANAMA	1978	135	8	4	11	8	16	28	20	23	17	-
PARAGUAY (*)	1978	2255	92	83	274	298	238	288	301	288	305	88
PERU	1977	132	1	1	1	4	3	22	27	30	43	1
PUERTO RICO	1978	5	-	-	-	-	-	1	1	-	-	-
ST. VINCENT	1978	3	-	-	-	-	-	2	1	-	-	-
SURINAME	1978	17	1	1	-	1	1	7	6	-	-	-
TRINIDAD AND TOBAGO	1977	1928	9	3	16	46	78	238	428	516	593	1
UNITED STATES	1978	107	5	4	1	6	5	18	24	27	17	-
URUGUAY	1978	533	22	13	23	30	60	91	138	98	58	-
VENEZUELA	1978											
FEMALE												
ARGENTINA	1978	653	73	23	59	79	90	95	84	81	64	5
BAHAMAS	1978	1	-	-	-	-	-	1	-	-	-	-
BARBADOS	1978	4	-	-	-	-	-	2	-	-	1	-
BELIZE	1979	67	1	-	1	2	7	15	7	22	16	1
CANADA	1978	485	7	6	47	63	76	70	71	78	65	1
CHILE	1979	1109	133	60	126	152	156	175	118	118	91	12
COLOMBIA	1977	40	3	2	3	2	4	3	4	11	7	1
COSTA RICA	1978	85	-	-	-	-	-	9	12	16	23	-
CUBA	1978	3	-	-	-	-	-	-	-	-	-	-
DOMINICA	1978	178	10	14	25	37	29	21	9	13	9	12
DOMINICAN REPUBLIC	1978	462	24	30	70	74	72	49	48	47	46	2
Ecuador	1978	112	8	2	13	19	11	21	15	12	10	1
EL SALVADOR	1974	361	23	27	52	59	61	51	40	31	17	-
GUATEMALA	1978	29	1	4	2	4	2	7	1	4	4	1
GUYANA	1978	66	5	3	9	6	15	8	11	7	1	-
HONDURAS	1971	23	2	3	2	2	4	4	4	2	3	-
JAMAICA	1975	2	-	-	-	-	-	-	-	1	-	-
MARTINIQUE	1975	3226	273	148	325	437	478	368	377	404	382	34
MEXICO	1976	19	1	4	3	5	5	9	10	10	7	-
NICARAGUA	1977	88	13	4	9	12	14	17	15	13	10	-
PANAMA	1978	96	4	1	14	9	17	9	13	13	10	-
PARAGUAY (*)	1978	1798	98	97	241	286	205	185	188	197	236	65
PERU	1977	66	1	-	2	2	3	9	18	11	20	-
PUERTO RICO	1978	3	-	-	-	-	-	1	1	1	1	-
ST. VINCENT	1978	10	-	-	-	-	-	2	3	-	2	-
SURINAME	1978	986	10	4	12	23	48	106	152	231	400	-
TRINIDAD AND TOBAGO	1977	40	2	-	2	3	5	6	9	6	7	-
UNITED STATES	1978	305	21	9	19	31	42	40	54	53	36	-
URUGUAY	1978											
VENEZUELA	1978											

(\*) AREA OF INFORMATION ONLY.

Table II-5b  
 CRUDE, AGE-ADJUSTED, AND AGE-SPECIFIC DEATH RATES PER 100,000 POPULATION FROM  
 TUBERCULOSIS, ALL FORMS (010-019), BY SEX AND COUNTRY

COUNTRY	YEAR	CRUDE RATE	AGE-ADJUSTED RATE	AGE IN YEARS										
				UNDER 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75 AND OVER		
				BOTH SEXES										
BOTH SEXES														
ARGENTINA	1978	7.4	5.4	5.7	0.9	2.2	4.5	8.0	11.8	15.9	21.0	30.0		
BAHAMAS	1979	3.1	3.1	—	—	—	—	—	12.5	28.6	38.5	—		
BARBADOS	1978	0.8	0.6	—	—	1.8	—	—	4.2	—	—	150.0		
BELIZE	1979	8.2	7.3	3.6	—	—	—	—	20.0	25.0	100.0	8.2		
CANADA	1978	0.9	0.5	—	—	—	—	—	0.7	2.4	5.1	—		
CHILE	1979	15.4	12.4	0.9	0.7	3.9	10.1	19.7	35.2	49.1	79.7	100.9		
COLOMBIA	1977	10.6	11.6	7.6	1.6	4.4	9.8	14.8	25.1	40.1	60.4	101.8		
COSTA RICA	1979	4.2	4.3	1.4	0.4	0.8	1.6	6.0	6.9	14.9	48.8	57.0		
CUBA	1978	2.4	1.6	0.2	—	0.2	0.6	—	33.3	—	—	36.8		
DOMINICA	1978	6.2	5.5	—	3.9	—	—	—	—	21.7	—	—		
DOMINICAN REPUBLIC	1978	6.1	8.5	3.5	1.5	5.7	12.7	11.7	19.4	19.6	28.1	46.0		
ECUADOR	1978	15.4	16.8	4.9	2.6	10.6	18.8	26.3	30.3	44.4	54.4	153.2		
EL SALVADOR	1974	9.2	9.9	2.4	1.0	4.1	8.9	11.2	27.0	42.2	43.9	95.1		
GUATEMALA	1978	13.5	15.0	4.4	2.1	8.5	16.0	21.8	33.2	37.1	67.0	88.9		
GUYANA	1977	8.3	8.9	3.4	1.3	1.7	8.6	4.5	34.6	27.3	90.0	100.0		
HONDURAS	1978	3.9	4.6	1.3	0.4	1.5	4.3	7.2	9.3	16.5	32.4	38.5		
JAMAICA	1971	3.5	3.2	1.0	0.7	0.8	1.4	4.2	9.2	17.4	17.8	11.4		
MARTINIQUE	1975	3.4	1.9	—	—	—	—	—	4.0	10.0	50.0	—		
MEXICO	1976	13.2	14.4	5.6	1.6	5.3	12.8	21.3	30.4	10.0	84.1	140.2		
NICARAGUA	1977	1.8	0.2	0.6	—	1.1	2.6	4.3	1.5	50.2	11.5	11.4		
PANAMA	1974	13.4	13.6	11.3	1.9	5.7	11.3	20.9	23.5	46.8	66.6	90.5		
PARAGUAY (*)	1978	14.0	14.4	4.7	1.1	8.0	9.0	20.3	40.5	47.3	87.8	103.8		
PERU	1978	24.1	24.3	7.4	4.0	15.4	25.9	28.5	42.6	69.0	122.4	297.9		
PUERTO RICO	1977	6.0	3.8	0.3	—	0.4	—	1.8	11.2	20.2	29.1	73.3		
ST. VINCENT	1979	1.1	6.0	4.8	—	—	—	—	3.0	38.5	—	52.6		
SURINAME	1978	1.1	1.2	—	0.9	—	—	2.1	—	8.8	—	—		
TRINIDAD AND TOBAGO	1977	2.4	2.1	0.8	—	—	—	0.9	4.6	15.1	26.1	17.8		
UNITED STATES	1978	1.3	0.6	0.1	0.0	0.1	0.2	0.5	1.5	2.8	4.9	10.7		
URUGUAY	1978	5.1	3.1	2.6	0.8	0.7	2.4	2.7	6.9	12.4	18.4	23.7		
VENEZUELA	1978	6.4	7.1	2.0	0.6	1.5	3.4	8.9	15.1	35.8	52.4	79.7		
MALE														
ARGENTINA	1978	9.9	7.0	5.9	0.9	1.8	4.7	10.5	17.4	25.2	32.7	47.7		
BAHAMAS	1979	6.3	6.8	—	—	—	—	—	25.6	60.0	90.9	—		
BARBADOS	1978	3.8	0.7	—	—	3.7	—	—	—	—	—	—		
BELIZE	1979	11.4	9.3	—	—	—	—	—	—	50.0	200.0	200.0		
CANADA	1978	1.3	0.7	0.3	0.0	0.1	0.1	0.4	0.8	3.4	7.6	15.8		
CHILE	1979	22.1	18.7	0.6	0.8	3.7	12.6	27.1	56.9	80.7	136.6	177.3		
COLOMBIA	1977	12.6	14.2	8.2	1.5	4.2	10.3	16.8	28.8	56.9	90.8	143.3		
COSTA RICA	1979	4.8	5.0	0.7	—	0.4	1.9	7.9	9.6	21.7	58.6	62.6		
CUBA	1978	5.9	1.9	0.4	—	0.2	1.0	—	2.7	7.6	16.0	50.5		
DOMINICA	1978	2.2	2.0	—	7.8	—	—	—	—	—	—	—		
DOMINICAN REPUBLIC	1978	9.3	9.7	4.7	1.3	6.8	13.2	11.3	23.2	26.4	29.2	64.7		
ECUADOR	1978	19.0	21.3	6.2	2.4	11.8	22.9	31.9	40.8	60.1	112.3	222.6		
EL SALVADOR	1974	12.5	14.1	2.5	1.7	4.7	9.9	16.0	37.5	68.0	67.6	160.0		
GUATEMALA	1978	16.2	18.5	4.7	1.4	9.1	18.6	23.7	43.5	83.2	91.0	126.0		
GUYANA	1977	10.7	10.7	5.1	—	1.1	8.9	3.1	42.3	42.1	66.7	133.3		
HONDURAS	1978	4.0	4.9	1.1	—	0.3	5.7	4.1	10.8	16.7	45.5	75.0		
JAMAICA	1971	4.6	4.3	0.7	0.4	1.1	1.0	6.5	13.3	28.5	31.5	—		
MARTINIQUE	1975	5.8	3.9	—	—	—	—	—	4.3	10.0	100.0	—		
MEXICO	1976	15.8	17.9	6.2	1.5	5.1	14.3	25.0	41.0	67.5	115.0	190.1		
NICARAGUA	1977	15.0	2.3	—	0.8	0.9	1.6	4.0	3.1	10.4	14.7	17.7		
PANAMA	1974	15.5	15.5	12.4	1.8	5.4	10.8	22.3	29.1	61.8	78.9	119.2		
PARAGUAY (*)	1978	16.4	17.6	6.1	1.7	7.0	8.7	22.9	51.9	55.6	121.1	170.0		
PERU	1978	26.7	27.6	7.1	3.7	16.3	26.4	30.7	52.1	86.2	150.5	369.2		
PUERTO RICO	1977	8.1	5.2	0.5	—	0.3	1.9	—	1.9	16.4	43.5	107.5		
ST. VINCENT	1979	1.6	8.1	9.5	—	—	—	—	58.8	50.0	—	—		
SURINAME	1978	1.6	1.7	—	1.8	—	—	—	8.7	—	—	—		
TRINIDAD AND TOBAGO	1977	3.0	2.6	1.5	—	—	—	1.9	4.5	21.4	34.6	17.7		
UNITED STATES	1978	1.8	0.9	0.1	0.0	0.1	0.3	0.6	2.1	18.3	32.2	43.5		
URUGUAY	1978	7.6	4.7	3.6	1.5	0.4	3.3	2.8	10.5	18.5	32.2	43.5		
VENEZUELA	1978	8.1	9.3	2.0	0.7	1.6	3.4	10.6	20.5	51.3	71.5	116.0		
FEMALE														
ARGENTINA	1978	4.9	4.0	5.4	1.0	2.7	4.3	5.6	6.3	7.3	10.6	16.8		
BAHAMAS	1979	0.7	0.5	—	—	—	—	—	7.3	—	—	—		
BARBADOS	1978	0.1	0.3	—	—	—	—	—	40.0	—	—	100.0		
BELIZE	1979	0.6	0.3	7.1	—	—	—	—	0.6	1.4	3.0	3.3		
CANADA	1978	0.6	0.3	0.1	—	0.0	0.1	0.2	0.6	—	—	—		
CHILE	1979	8.8	7.0	1.2	0.5	4.7	7.6	12.5	14.8	21.3	35.0	54.2		
COLOMBIA	1977	8.7	9.3	6.9	1.7	4.7	9.4	13.0	21.6	23.8	32.0	65.5		
COSTA RICA	1979	3.7	3.2	2.2	0.7	1.2	1.3	4.3	4.1	8.3	39.8	52.6		
CUBA	1978	1.8	1.2	—	—	0.1	0.3	—	1.7	3.0	5.2	22.9		
DOMINICA	1978	7.0	8.0	—	—	—	—	58.8	—	—	—	—		
DOMINICAN REPUBLIC	1978	7.0	7.3	2.3	1.8	4.8	12.3	12.1	15.2	11.4	26.9	29.1		
ECUADOR	1978	11.8	12.4	3.6	2.8	9.3	14.8	20.7	19.9	29.1	52.8	98.9		
EL SALVADOR	1974	5.8	6.1	0.4	0.4	3.5	8.0	6.4	16.6	18.3	24.2	28.4		
GUATEMALA	1978	10.7	11.6	5.9	2.9	7.8	13.4	19.7	23.1	31.5	44.9	58.6		
GUYANA	1977	7.1	7.1	1.7	2.6	2.2	8.3	5.7	26.9	5.6	36.4	80.0		
HONDURAS	1978	3.9	4.3	1.4	0.8	2.8	2.9	10.3	7.8	16.4	20.0	7.1		
JAMAICA	1971	2.4	2.2	1.4	1.1	0.6	1.8	2.5	5.7	6.8	6.0	18.2		
MARTINIQUE	1975	1.2	0.3	—	—	—	—	—	—	—	—	—		
MEXICO	1976	10.5	11.1	5.0	1.7	5.5	11.1	17.6	19.9	34.1	55.4	97.6		
NICARAGUA	1977	1.6	1.8	0.5	0.3	1.3	3.6	4.6	—	2.4	8.7	6.6		
PANAMA	1974	11.3	11.5	10.4	1.9	6.0	11.8	19.3	17.3	29.5	54.0	64.1		
PARAGUAY (*)	1978	11.6	11.6	3.2	0.4	9.0	9.3	17.8	29.8	39.5	59.1	62.5		
PERU	1978	21.4	27.7	4.3	4.3	14.5	25.4	26.3	33.2	52.2	96.1	238.4		
PUERTO RICO	1977	3.9	2.6	0.5	—	0.6	0.8	—	1.7	6.3	16.7	43.5		
ST. VINCENT	1979	5.0	4.1	—	—	—	—	—	23.3	31.3	—	76.9		
SURINAME	1978	0.5	0.7	—	—	—	—	—	8.9	—	—	—		
TRINIDAD AND TOBAGO	1977	1.8	1.5	—	—	—	—	—	—	9.0	17.6	26.7		
UNITED STATES	1978	1.9	0.7	0.1	0.0	0.1	0.1	0.4	0.9	1.4	2.7	6.7		
URUGUAY	1978	2.7	1.7	1.5	0.9	0.9	1.6	2.7	3.4	6.6	6.3	11.3		
VENEZUELA	1978	4.7	5.0	2.0	0.5	1.4	3.4	7.3	9.4	20.1	35.1	52.9		

(\*) AREA OF INFORMATION ONLY.



Table II-5a  
NUMBER OF DEATHS FROM MALIGNANT NEOPLASMS (140-209), BY AGE, SEX, AND COUNTRY

C O U N T R Y	YEAR	ALL AGES	AGE IN YEARS									UN-KNOWN
			UNDER 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75 AND OVER	
BOTH SEXES												
ARGENTINA	1978	39631	268	244	339	682	1910	5259	9212	11832	9658	227
BAHAMAS	1979	158	2	1	2	3	19	35	36	36	25	1
BARBADOS	1978	344	4	2	2	4	19	26	76	117	101	3
BELIZE	1979	30	-	1	-	-	2	-	6	10	11	-
CANADA	1978	37189	96	197	281	508	1147	4199	8260	10906	11579	16
CHILE	1979	11237	95	127	198	273	599	1447	2399	3244	2838	15
COLOMBIA	1977	13020	195	284	357	474	1037	1986	2943	3100	2574	70
COSTA RICA	1979	1491	20	44	38	51	81	164	278	386	427	2
CUBA	1978	9623	73	119	115	173	445	970	1827	3091	2795	15
DOMINICA	1978	54	-	1	1	1	6	4	10	17	9	5
DOMINICAN REPUBLIC	1978	1121	22	30	44	57	100	160	200	230	236	42
ECUADOR	1978	2815	36	61	80	103	190	381	522	696	705	41
EL SALVADOR	1974	735	12	24	23	38	78	113	142	165	134	4
GUATEMALA	1978	1882	46	47	62	87	148	339	364	413	364	12
GUYANA	1977	327	6	5	11	11	26	58	71	81	56	2
HONDURAS	1978	511	6	17	26	38	62	85	93	110	65	9
JAMAICA	1971	1583	13	25	20	34	94	239	405	438	309	6
MARTINIQUE	1975	194	-	-	-	-	10	42	71	78	77	-
MEXICO	1976	22635	471	656	614	842	1784	3228	4226	5531	5066	157
NICARAGUA	1977	395	12	9	20	23	57	78	87	67	61	1
PANAMA	1974	701	10	15	12	20	54	88	167	162	173	-
PARAGUAY (*)	1978	921	12	15	28	43	83	144	171	208	210	7
PERU	1978	5722	98	123	144	240	473	856	1152	1280	1222	134
PUERTO RICO	1977	3088	22	34	32	45	128	320	615	831	1042	3
ST. VINCENT	1979	52	-	-	-	-	7	9	9	5	4	-
SURINAME	1978	162	3	3	2	10	14	33	29	38	30	-
TRINIDAD AND TOBAGO	1977	673	4	12	21	28	40	88	162	174	144	-
UNITED STATES	1978	396992	731	1500	2588	4795	12071	42767	91348	119623	121519	50
URUGUAY	1978	5963	21	19	40	73	226	759	1349	1703	1782	21
VENEZUELA	1978	7009	127	177	185	247	544	1082	1586	1677	1378	6
MALE												
ARGENTINA	1978	22787	135	129	200	299	906	3027	5601	7086	5259	145
BAHAMAS	1979	79	1	1	1	1	9	14	22	21	9	-
BARBADOS	1978	175	2	1	1	1	1	10	34	74	49	1
BELIZE	1979	30	-	-	-	-	-	-	5	6	-	-
CANADA	1978	20845	53	119	183	270	529	2144	4650	6546	6340	11
CHILE	1979	5576	52	65	128	132	218	672	1273	1670	1359	7
COLOMBIA	1977	5996	96	169	185	218	339	770	1361	1569	1252	37
COSTA RICA	1979	810	10	20	25	28	35	74	141	224	249	2
CUBA	1978	5788	44	77	62	78	200	458	1010	1998	1863	10
DOMINICA	1978	27	-	-	-	-	2	-	7	10	4	-
DOMINICAN REPUBLIC	1978	570	8	14	20	23	38	72	117	134	127	17
ECUADOR	1978	1283	23	35	47	39	55	127	221	361	358	17
EL SALVADOR	1974	278	8	9	13	18	14	27	63	70	54	2
GUATEMALA	1978	872	28	23	37	38	44	134	166	194	172	11
GUYANA	1977	152	4	2	6	6	16	35	52	46	28	1
HONDURAS	1978	198	5	10	13	13	18	27	38	50	21	3
JAMAICA	1971	785	10	14	10	9	30	91	213	249	155	4
MARTINIQUE	1975	179	-	-	-	-	1	23	50	46	44	-
MEXICO	1976	9845	264	397	342	336	476	1109	1776	2658	2414	73
NICARAGUA	1977	133	7	9	9	8	23	23	24	30	22	-
PANAMA	1974	394	6	9	9	8	24	46	98	94	100	-
PARAGUAY (*)	1978	395	7	7	16	15	28	43	68	113	96	2
PERU	1978	2585	51	63	71	93	154	320	508	648	615	62
PUERTO RICO	1977	1812	12	20	12	24	52	175	371	518	628	4
ST. VINCENT	1979	25	-	-	-	-	3	5	12	21	16	-
SURINAME	1978	77	-	3	-	3	5	17	15	21	16	-
TRINIDAD AND TOBAGO	1977	339	4	9	11	12	13	33	80	109	68	-
UNITED STATES	1978	215997	406	866	1590	2347	5343	21599	51075	69880	62863	28
URUGUAY	1978	3522	14	10	23	36	113	429	859	1076	948	14
VENEZUELA	1978	3314	80	89	108	91	177	471	781	848	668	1
FEMALE												
ARGENTINA	1978	16844	133	115	139	383	1004	2232	3611	4746	4399	82
BAHAMAS	1979	79	-	1	2	2	8	21	14	15	16	1
BARBADOS	1978	169	1	1	1	3	8	16	42	43	52	-
BELIZE	1979	18	-	-	-	-	2	-	5	5	-	-
CANADA	1978	16344	43	78	98	238	618	2055	3610	4360	5239	5
CHILE	1979	5661	43	62	70	141	381	775	1126	1576	1479	8
COLOMBIA	1977	7024	99	115	172	256	698	1216	1582	1531	1322	33
COSTA RICA	1979	681	10	24	13	25	46	86	137	162	178	-
CUBA	1978	3825	29	42	53	95	245	514	817	1093	932	5
DOMINICA	1978	27	-	1	1	4	-	-	3	5	1	-
DOMINICAN REPUBLIC	1978	551	14	16	24	34	62	88	83	96	109	25
ECUADOR	1978	1532	13	26	33	64	135	254	301	335	347	24
EL SALVADOR	1974	457	4	15	10	20	64	86	79	95	80	4
GUATEMALA	1978	1040	23	24	25	49	104	205	198	219	192	1
GUYANA	1977	175	4	3	5	7	20	36	36	35	28	-
HONDURAS	1978	313	1	7	13	25	44	38	35	60	44	6
JAMAICA	1971	798	3	11	10	25	64	148	192	189	154	2
MARTINIQUE	1975	115	-	2	1	3	3	19	21	32	33	1
MEXICO	1976	12756	207	259	269	506	1306	2176	2448	2861	2644	80
NICARAGUA	1977	262	5	5	11	17	29	55	63	37	39	-
PANAMA	1974	307	4	6	3	12	30	42	69	68	73	-
PARAGUAY (*)	1978	526	5	8	12	28	55	101	103	95	114	5
PERU	1978	3137	47	60	73	147	319	536	644	632	607	72
PUERTO RICO	1977	1256	10	14	20	21	76	145	242	313	414	1
ST. VINCENT	1979	27	-	-	-	-	3	4	5	10	10	-
SURINAME	1978	85	3	-	2	7	9	16	17	17	14	-
TRINIDAD AND TOBAGO	1977	334	-	3	10	16	27	55	82	65	76	-
UNITED STATES	1978	180995	325	634	998	2448	6728	21168	40273	49743	58656	22
URUGUAY	1978	2471	7	9	17	37	113	330	490	627	834	7
VENEZUELA	1978	3695	47	88	77	156	367	611	805	829	710	5

(\*) AREA OF INFORMATION ONLY.

Table II-5b  
 CRUDE, AGE-ADJUSTED, AND AGE-SPECIFIC DEATH RATES PER 100,000 POPULATION FROM  
 MALIGNANT NEOPLASMS (140-209), BY SEX AND COUNTRY

COUNTRY	YEAR	CRUDE RATE	AGE-ADJUSTED RATE	AGE IN YEARS									
				UNDER 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75 AND OVER	
BOTH SEXES													
ARGENTINA	1978	150.2	80.9	9.7	5.0	7.5	18.2	58.9	174.3	410.7	822.2	1456.7	
BAHAMAS	1979	75.5	71.3	5.8	1.6	5.5	9.0	75.9	218.8	342.9	623.3	1000.0	
BARBADOS	1978	129.7	65.3	16.9	3.3	3.6	12.1	40.2	109.7	368.2	635.5	1308.3	
BELIZE	1979	19.0	17.8					15.4		75.0	250.0	550.0	
CANADA	1978	153.3	76.9	5.5	5.0			42.6	169.4	408.1	813.9	1456.5	
CHILE	1979	102.9	71.0	7.8	5.4	6.1	13.2	48.6	157.4	381.5	816.4	1469.0	
COLOMBIA	1977	52.0	59.5	5.0	3.9	6.9	15.3	45.0	125.4	301.2	596.6	1074.3	
COSTA RICA	1979	68.7	70.1	7.1	8.1	7.5	15.9	40.2	112.8	295.2	725.2	1738.2	
CUBA	1978	99.3	65.3	6.7	4.9	7.2	12.4	42.7	121.6	286.4	702.5	1448.2	
DOMINICA	1978	66.4	49.0	5.1	3.9	7.4	15.2	100.0	69.0	217.4	566.7	500.0	
DOMINICAN REPUBLIC	1978	21.9	26.2	2.5	1.9	4.4	9.8	20.5	54.6	115.0	230.5	402.0	
ECUADOR	1978	35.6	39.0	2.7	2.8	5.3	10.2	27.3	78.0	160.8	407.4	850.4	
EL SALVADOR	1974	13.9	20.5	1.7	2.2	3.1	7.9	22.5	44.8	89.5	181.1	344.6	
GUATEMALA	1978	27.5	33.2	3.9	2.5	4.6	9.8	23.7	76.4	144.4	303.7	674.1	
GUYANA	1977	40.4	42.9	5.1	2.1	6.1	11.8	38.8	111.5	191.9	405.0	700.0	
HONDURAS	1978	44.5	17.7	0.9	1.7	3.9	9.0	21.3	61.7	69.9	161.8	250.0	
JAMAICA	1971	83.1	71.9	4.3	4.6	5.5	15.8	65.7	183.0	351.9	707.6	1170.5	
MARTINIQUE	1975	91.9	66.2	4.1	3.5	3.5	12.1	31.3	168.0	355.0	650.0	1283.3	
MEXICO	1976	36.3	40.7	4.2	3.8	5.1	10.5	32.8	90.1	196.9	396.5	702.0	
NICARAGUA	1977	17.1	20.3	2.9	1.3	4.3	8.6	17.6	59.6	99.6	228.8	451.6	
PANAMA	1974	44.4	43.6	3.9	3.5	4.0	9.8	36.3	79.6	228.8	431.6	824.1	
PARAGUAY (*)	1978	55.8	53.9	4.7	3.2	8.9	22.8	58.0	129.7	231.1	507.3	807.7	
PERU	1978	34.0	35.3	3.8	2.7	4.3	10.6	30.4	77.1	162.5	322.9	672.9	
PUERTO RICO	1977	92.4	57.8	5.9	4.4	4.8	10.0	38.0	115.5	283.8	589.4	1211.6	
ST. VINCENT	1979	45.9	39.9					25.2	10.6	90.5	173.1	517.2	
SURINAME	1978	49.8	43.7	5.1	2.7	3.2	6.2	33.7	145.0	317.7	633.3	1175.9	
TRINIDAD AND TOBAGO	1977	60.2	59.0	3.2	4.3	8.4	17.3	37.5	101.0	245.2	505.2	1284.9	
UNITED STATES	1978	178.7	77.0	4.6	4.2	6.2	13.9	48.7	181.2	434.1	786.7	1308.7	
URUGUAY	1978	209.3	95.1	7.7	3.7	8.8	19.5	61.4	217.8	506.0	949.3	1759.1	
VENEZUELA	1978	53.4	60.4	5.9	5.1	6.6	13.7	47.5	124.7	255.3	582.3	1167.8	
MALE													
ARGENTINA	1978	172.3	97.4	9.6	5.2	8.7	15.8	55.6	201.3	516.2	1049.8	1858.3	
BAHAMAS	1979	71.2	79.2	11.4	3.2		5.9	80.4	179.5	440.0	954.5	1000.0	
BARBADOS	1978	138.2	73.0	25.4	3.3	3.7	6.6	9.8	99.7	328.2	886.2	1914.1	
BELIZE	1979	15.2	14.0							25.0	60.0	600.0	
CANADA	1978	178.5	93.6	5.9	5.9			14.0	38.9	173.5	480.4	1064.6	
CHILE	1978	103.1	85.7	8.4	5.4	7.8	11.1	35.9	150.9	431.7	954.6	1853.5	
COLOMBIA	1977	48.7	57.2	4.9	4.6			7.4	14.8	30.7	282.7	624.6	
COSTA RICA	1979	74.0	78.9	6.9	7.2	9.8	16.2	34.5	107.3	306.1	875.3	2211.4	
CUBA	1978	117.2	73.7	7.9	6.2			11.1	38.0	112.9	305.1	822.2	
DOMINICA	1978	70.1	50.5					76.3	46.3	333.3	835.7	666.7	
DOMINICAN REPUBLIC	1978	22.3	27.8	1.8	1.8	4.2	8.2	15.3	46.3	52.3	333.3	666.7	
ECUADOR	1978	32.2	37.2	3.3	3.2	6.1	7.7	15.8	52.3	138.3	440.8	983.6	
EL SALVADOR	1974	14.2	16.4	2.2	1.7	3.4	7.4	8.0	21.6	82.4	168.9	319.9	
GUATEMALA	1978	24.3	30.2	3.8	5.4	5.4	8.4	13.9	60.1	132.8	289.6	688.0	
GUYANA	1977	37.8	42.9	3.4	1.7	6.7	8.9	18.8	84.6	184.2	511.1	933.3	
HONDURAS	1978	11.5	13.8	1.4	2.0	3.9	6.2	12.3	26.3	57.6	151.5	175.9	
JAMAICA	1971	84.0	78.9	6.5	5.0	5.4	8.5	48.7	151.7	379.7	870.6	1565.7	
MARTINIQUE	1975	115.5	95.6	8.1	2.3	3.6	6.7	46.7	191.7	555.6	920.0	2200.0	
MEXICO	1976	31.3	36.2	4.7	4.5	5.5	8.3	17.5	61.6	170.8	399.4	730.9	
NICARAGUA	1977	11.7	14.4	3.4	1.1	4.3	4.8	7.9	36.4	62.7	146.9	195.1	
PANAMA	1974	49.2	47.9	4.6	4.1	7.8	11.3	31.5	78.6	252.6	494.7	983.3	
PARAGUAY (*)	1978	49.9	49.5	5.3	2.9	10.2	16.3	40.0	79.6	188.9	594.7	960.0	
PERU	1978	30.7	32.9	3.9	2.8	4.2	8.2	19.8	57.9	145.6	338.6	744.6	
PUERTO RICO	1977	111.4	69.4	6.3	5.1	3.6	11.5	32.9	130.6	343.5	750.7	1570.0	
ST. VINCENT	1979	46.9	51.6					25.0	88.2	250.0	1000.0	666.7	
SURINAME	1978	41.2	42.2		5.3			13.2	14.7	147.6	398.5	712.9	
TRINIDAD AND TOBAGO	1977	59.6	62.4	6.2	6.3	8.5	13.2	28.4	74.0	162.0	628.1	1904.2	
UNITED STATES	1978	200.0	94.1	5.0	4.7	7.5	13.8	44.3	188.8	512.9	1058.0	1876.3	
URUGUAY	1978	250.9	121.1	10.2	3.9	10.3	19.5	62.6	249.7	663.8	1284.0	2424.6	
VENEZUELA	1978	50.4	59.9	7.3	5.1	7.7	10.4	31.2	106.1	290.3	619.0	1336.0	
FEMALE													
ARGENTINA	1978	127.5	66.6	9.8	4.8	6.3	20.7	62.2	147.5	311.8	621.2	1157.6	
BAHAMAS	1979	69.9	65.1			10.8	12.1	71.4	226.1	354.8	500.0	1000.0	
BARBADOS	1978	121.9	61.4	8.4	3.4	3.5	16.7	65.9	117.3	408.6	427.4	1007.8	
BELIZE	1979	22.8	21.5					28.6		125.0	250.0	500.0	
CANADA	1978	138.4	63.9	5.0	3.3	4.3	12.4	46.4	165.3	341.9	601.4	1080.2	
CHILE	1979	11.7	70.9	7.2	5.3	6.2	16.9	61.1	163.8	337.2	707.9	1233.8	
COLOMBIA	1977	102.7	61.8	5.2	3.2	6.4	14.8	58.1	150.8	319.2	570.4	935.5	
COSTA RICA	1979	63.3	62.5	7.2	9.0	5.2	15.7	45.9	118.3	284.8	586.2	1337.7	
CUBA	1978	80.7	56.1	5.4	3.5	6.7	13.6	47.5	130.5	266.1	554.8	970.8	
DOMINICA	1978	63.1	49.3		8.0	13.9	27.0	117.6	125.0	120.0	388.9	416.7	
DOMINICAN REPUBLIC	1978	21.5	24.5	3.2	2.1	4.6	11.3	26.0	63.8	104.8	198.3	352.8	
ECUADOR	1978	39.1	41.1	2.1	2.4	4.4	12.8	38.8	103.4	182.7	376.5	746.1	
EL SALVADOR	1974	23.7	24.6	1.2	2.8	2.7	8.4	37.1	67.8	96.1	191.3	363.5	
GUATEMALA	1978	30.8	36.2	3.9	2.6	3.8	11.2	33.7	92.8	155.9	317.4	662.1	
GUYANA	1977	42.9	44.2	6.9	2.6	5.6	14.6	57.1	138.5	200.0	318.2	560.0	
HONDURAS	1978	19.3	21.6	0.3	1.4	4.0	12.0	30.3	56.9	82.1	171.4	314.3	
JAMAICA	1971	82.7	68.3	2.0	4.1	5.7	21.9	78.6	206.6	325.4	561.6	933.3	
MARTINIQUE	1975	69.7	45.9					16.7	17.6	146.2	190.9	457.1	
MEXICO	1976	41.3	44.9	3.8	3.0	4.5	12.8	48.0	117.7	221.2	392.2	675.6	
NICARAGUA	1977	22.2	25.8	2.5	1.4	4.8	12.1	26.6	81.0	150.6	160.2	257.6	
PANAMA	1974	39.4	39.3	3.2	2.8	2.0	7.1	41.4	90.1	203.6	366.0	668.1	
PARAGUAY (*)	1978	63.5	58.9	4.0	3.5	7.7	28.9	75.3	177.2	271.1	431.8	712.5	
PERU	1978	37.4	37.9	3.7	2.7	4.4	13.1	40.9	96.1	178.9	308.3	613.1	
PUERTO RICO	1977	74.2	47.1	5.5	3.7	5.9	8.8	42.5	101.4	224.1	434.7	900.0	
ST. VINCENT	1979	44.9	34.0					44.8	93.0	125.0	263.2	769.2	
SURINAME	1978	45.4	45.2	10.4			6.3	28.9	51.0</				

Table II-5a  
 NUMBER OF DEATHS FROM MALIGNANT NEOPLASM OF THE BUCCAL CAVITY AND PHARYNX (140-149),  
 BY AGE, SEX, AND COUNTRY

C O U N T R Y	Y E A R	A L L A G E S	U N D E R 5	A G E I N Y E A R S								U N - K N O W N
				5-14	15-24	25-34	35-44	45-54	55-64	65-74	75 AND O V E R	
B O T H S E X E S												
ARGENTINA	1978	614	4	1	3	6	38	161	162	132	99	8
BAHAMAS	1979	10	-	-	-	-	-	-	-	-	-	-
BARBADOS	1978	9	-	-	-	-	-	-	-	-	-	-
BELIZE	1979	1	-	-	-	-	-	-	-	-	-	-
CANADA	1978	797	2	4	3	10	31	129	201	201	216	-
CHILE	1979	142	-	-	-	-	-	-	-	-	-	-
COLUMBIA	1977	278	-	-	4	2	11	33	61	35	30	-
COSTA RICA	1979	18	-	-	-	-	-	-	-	-	-	-
CUBA	1978	37	-	1	1	1	11	41	88	125	109	-
DOMINICA	1978	3	-	-	-	-	-	-	-	-	-	-
DOMINICAN REPUBLIC	1978	35	-	-	2	2	2	3	6	12	7	-
ECUADOR	1978	25	-	1	-	-	-	-	3	6	11	-
EL SALVADOR	1974	12	-	-	-	-	-	-	1	4	4	-
GUATEMALA	1978	36	3	-	1	1	-	3	10	8	10	-
GUYANA	1977	12	-	-	-	-	-	-	2	3	2	-
HONDURAS	1978	3	-	-	-	-	-	2	2	1	1	-
JAMAICA	1971	37	-	-	-	1	-	3	9	8	10	-
MARTINIQUE	1975	22	-	-	-	-	-	5	2	2	4	-
MEXICO	1978	352	7	6	4	3	26	61	61	98	84	-
NICARAGUA	1977	1	-	-	-	-	-	-	-	-	1	-
PANAMA	1974	19	-	-	-	-	-	3	1	9	6	-
PARAGUAY (*)	1978	21	-	-	-	-	2	7	1	5	15	-
PERU	1978	57	-	-	1	-	3	1	55	14	15	-
PUERTO RICO	1979	176	1	-	-	1	-	22	55	41	37	-
ST. VINCENT	1977	-	-	-	-	-	-	-	-	-	-	-
SURINAME	1978	5	-	-	-	-	-	-	2	5	2	-
TRINIDAD AND TOBAGO	1977	21	-	1	1	-	4	1	5	1	4	-
UNITED STATES	1978	8341	4	7	34	61	233	1267	2438	2447	1849	-
URUGUAY	1978	119	-	-	1	1	9	22	36	28	22	-
VENEZUELA	1978	135	-	-	2	1	5	21	33	34	56	-
M A L E												
ARGENTINA	1978	516	3	-	2	6	32	149	140	107	69	8
BAHAMAS	1979	8	-	-	-	-	-	-	-	-	-	-
BARBADOS	1978	8	-	-	-	-	-	-	-	-	-	-
BELIZE	1979	1	-	-	-	-	-	-	-	-	-	-
CANADA	1978	591	1	1	2	8	21	103	155	146	154	-
CHILE	1979	111	-	-	3	-	3	28	29	26	22	-
COLUMBIA	1977	172	-	-	2	1	7	25	41	63	32	-
COSTA RICA	1979	13	-	-	-	-	-	-	3	5	5	-
CUBA	1978	307	-	-	-	-	10	32	73	98	94	-
DOMINICA	1978	2	-	-	-	-	-	-	1	1	-	-
DOMINICAN REPUBLIC	1978	18	-	-	1	-	1	2	3	7	4	-
ECUADOR	1978	16	-	1	-	-	-	2	4	3	6	-
EL SALVADOR	1974	7	-	-	-	1	-	2	1	3	2	-
GUATEMALA	1978	22	-	-	-	1	-	2	6	6	7	-
GUYANA	1977	8	-	-	-	-	-	5	1	2	-	-
HONDURAS	1978	2	-	-	-	1	-	-	-	-	-	-
JAMAICA	1971	20	-	-	-	-	-	3	6	4	6	-
MARTINIQUE	1975	19	-	-	-	-	2	4	8	4	2	-
MEXICO	1978	225	2	2	4	3	13	41	44	62	53	-
NICARAGUA	1977	-	-	-	-	-	-	-	-	-	-	-
PANAMA	1974	9	-	-	-	-	-	2	1	5	1	-
PARAGUAY (*)	1978	14	-	-	-	-	2	1	4	3	4	-
PERU	1978	30	-	-	-	-	1	3	10	3	9	-
PUERTO RICO	1977	139	1	-	-	1	-	16	47	34	39	-
ST. VINCENT	1979	-	-	-	-	-	-	-	-	-	-	-
SURINAME	1978	4	-	-	-	-	-	-	1	1	2	-
TRINIDAD AND TOBAGO	1977	15	-	1	-	-	2	1	5	3	3	-
UNITED STATES	1978	5821	1	4	24	31	168	939	1776	1733	1144	-
URUGUAY	1978	103	-	-	1	-	8	20	34	24	16	-
VENEZUELA	1978	72	-	-	2	-	2	17	16	18	17	-
F E M A L E												
ARGENTINA	1978	98	1	1	1	-	6	12	22	25	30	-
BAHAMAS	1979	1	-	-	-	-	-	-	-	-	-	-
BARBADOS	1978	1	-	-	-	-	-	-	-	-	-	-
BELIZE	1979	1	-	-	-	-	-	-	-	-	-	-
CANADA	1978	206	-	3	1	2	10	26	46	55	62	-
CHILE	1979	31	-	-	-	1	3	5	5	9	8	-
COLUMBIA	1977	106	-	-	2	1	4	12	20	30	37	-
COSTA RICA	1979	7	-	-	-	-	-	-	-	-	-	-
CUBA	1978	70	-	1	1	1	1	9	15	27	15	-
DOMINICA	1978	1	-	-	-	-	-	-	-	-	-	-
DOMINICAN REPUBLIC	1978	17	-	-	1	2	1	1	3	5	3	-
ECUADOR	1978	9	-	-	-	-	-	1	2	1	5	-
EL SALVADOR	1974	5	-	-	-	-	-	1	1	2	2	-
GUATEMALA	1978	14	3	-	1	-	-	-	4	2	3	-
GUYANA	1977	4	-	-	-	-	-	-	1	1	2	-
HONDURAS	1978	1	-	-	-	-	-	1	-	-	-	-
JAMAICA	1971	17	-	-	-	1	3	2	3	4	4	-
MARTINIQUE	1975	3	-	-	-	-	-	1	1	1	1	-
MEXICO	1978	127	5	4	-	-	13	20	17	36	31	-
NICARAGUA	1977	1	-	-	-	-	-	-	-	-	-	-
PANAMA	1974	10	-	-	-	-	-	-	-	4	5	-
PARAGUAY (*)	1978	7	-	-	-	-	-	-	-	2	5	-
PERU	1978	27	-	-	1	-	2	4	5	8	6	-
PUERTO RICO	1977	37	-	-	-	-	-	6	5	7	18	-
ST. VINCENT	1979	-	-	-	-	-	-	-	-	-	-	-
SURINAME	1978	1	-	-	-	-	-	-	1	-	-	-
TRINIDAD AND TOBAGO	1977	6	-	-	1	-	2	-	-	2	1	-
UNITED STATES	1978	2520	3	3	10	30	65	328	662	714	705	-
URUGUAY	1978	16	-	-	-	1	1	2	2	4	6	-
VENEZUELA	1978	63	-	-	-	-	3	4	17	16	22	-

(\*) AREA OF INFORMATION ONLY.

Table II-5b  
 CRUDE, AGE-ADJUSTED, AND AGE-SPECIFIC DEATH RATES PER 100,000 POPULATION FROM MALIGNANT  
 NEOPLASM OF THE BUCCAL CAVITY AND PHARYNX (140-149), BY SEX AND COUNTRY

COUNTRY	YEAR	CRUDE RATE	AGE- ADJUSTED RATE	UNDER 5	AGE IN YEARS								
					5-14	15-24	25-34	35-44	45-54	55-64	65-74	75 AND OVER	
BOTH SEXES													
ARGENTINA	1978	2.3	1.3	0.1	0.0	0.1	0.2	1.2	5.3	7.2	9.2	14.9	
BAHAMAS	1979	4.2	1.4	-	-	-	-	4.2	18.8	19.0	51.7	40.0	
BARBADOS	1978	3.4	1.4	-	-	-	-	-	4.2	9.7	16.3	25.9	
BELIZE	1979	0.6	0.6	-	-	-	-	-	-	-	-	25.0	-
CANADA	1978	3.4	1.7	0.1	0.1	0.1	0.3	1.2	5.2	9.9	15.0	27.2	
CHILE	1979	1.3	1.0	-	-	0.1	0.1	0.5	3.6	5.4	8.8	15.5	
COLOMBIA	1977	1.1	1.3	-	-	0.1	0.1	-	2.3	6.2	11.9	28.8	
COSTA RICA	1979	0.8	0.8	-	-	-	-	-	-	4.2	15.3	32.8	
CUBA	1978	3.9	2.5	-	0.0	0.1	0.1	1.1	5.1	13.8	28.4	56.5	
DOMINICA	1978	3.7	3.8	-	-	-	-	16.7	-	43.5	-	-	
DOMINICAN REPUBLIC	1978	0.7	0.8	-	-	0.2	0.3	0.4	1.0	3.5	12.0	11.9	
ECUADOR	1978	0.3	0.3	-	0.0	-	-	-	0.6	1.8	2.3	13.3	
EL SALVADOR	1974	6.9	5.2	-	-	-	0.2	-	0.4	0.6	0.6	10.3	
GUATEMALA	1978	0.5	0.7	0.3	-	0.1	0.1	-	-	0.7	4.0	18.5	
GUYANA	1977	1.5	1.6	-	-	-	-	-	-	9.6	5.4	15.0	
HONDURAS	1978	0.1	0.1	-	-	-	-	0.2	1.0	-	-	-	
JAMAICA	1971	1.9	1.2	-	-	-	-	0.5	2.1	3.8	7.8	37.9	
MARTINIQUE	1975	6.9	5.2	-	-	-	-	-	6.3	20.8	40.0	66.7	
MEXICO	1976	0.6	0.6	0.1	0.0	0.0	0.0	0.5	1.7	2.8	7.0	11.6	
NICARAGUA	1977	0.0	0.0	-	-	-	-	-	-	-	-	3.8	
PANAMA	1974	1.2	1.2	-	-	-	-	-	2.7	1.4	24.0	28.6	
PARAGUAY (*)	1978	1.3	1.2	-	-	-	-	1.4	0.9	5.4	12.2	34.6	
PERU	1978	0.3	0.3	-	-	0.0	-	0.2	0.6	2.1	12.2	34.6	
PUERTO RICO	1977	5.3	3.3	0.3	-	-	-	0.2	0.3	7.9	24.1	66.3	
ST. VINCENT	1979	-	-	-	-	-	-	-	-	-	-	-	
SURINAME	1978	1.3	1.3	-	-	-	-	-	-	11.9	9.5	42.6	
TRINIDAD AND TOBAGO	1977	1.9	1.8	-	0.4	0.4	-	3.7	1.1	7.6	14.5	35.7	
UNITED STATES	1978	3.8	1.8	0.0	0.0	0.1	0.1	0.9	5.4	11.6	16.1	19.9	
URUGUAY	1978	4.2	2.0	-	-	0.2	-	2.4	6.3	13.5	15.6	21.7	
VENEZUELA	1978	1.0	1.2	-	-	0.1	0.1	0.4	2.4	6.1	11.8	33.1	
MALE													
ARGENTINA	1978	3.9	2.3	0.2	-	0.1	0.3	2.0	9.9	12.9	15.9	24.4	
BAHAMAS	1979	8.1	9.0	-	-	-	-	8.9	38.5	40.0	90.9	111.1	
BARBADOS	1978	6.3	2.3	-	-	-	-	-	10.5	9.7	35.9	78.1	
BELIZE	1979	1.3	1.3	-	-	-	-	-	-	-	-	50.0	
CANADA	1978	5.1	2.7	0.1	0.0	0.1	0.4	1.5	8.3	16.0	23.7	49.7	
CHILE	1979	2.1	1.7	-	-	0.3	-	0.5	6.3	9.8	14.9	30.0	
COLOMBIA	1977	1.4	1.7	-	-	0.1	0.1	0.6	3.2	8.5	25.1	30.0	
COSTA RICA	1979	1.2	1.2	-	-	-	-	-	-	6.5	19.5	44.4	
CUBA	1978	6.2	3.9	-	-	-	-	1.9	7.9	22.1	40.3	96.9	
DOMINICA	1978	5.2	6.2	-	-	-	-	38.5	-	47.6	-	-	
DOMINICAN REPUBLIC	1978	0.7	0.8	-	-	0.2	-	0.4	1.3	3.2	13.6	14.4	
ECUADOR	1978	0.4	0.5	-	0.1	-	-	-	0.8	2.5	3.7	16.5	
EL SALVADOR	1974	0.4	0.4	-	-	-	-	-	-	1.3	3.2	11.8	
GUATEMALA	1978	0.6	0.9	-	-	-	0.4	-	-	0.9	4.8	5.0	
GUYANA	1977	2.0	2.2	-	-	-	-	-	-	19.2	5.3	22.2	
HONDURAS	1978	0.1	0.1	-	-	-	-	0.5	-	1.0	-	-	
JAMAICA	1971	2.1	1.9	-	-	-	-	-	5.0	10.7	14.0	60.6	
MARTINIQUE	1975	12.3	10.9	-	-	-	-	-	33.3	88.9	40.0	100.0	
MEXICO	1976	0.7	0.9	0.0	0.0	0.1	0.1	13.3	2.3	4.2	9.3	16.0	
NICARAGUA	1977	-	-	-	-	-	-	-	-	-	-	-	
PANAMA	1974	1.1	1.1	-	-	-	-	-	3.4	2.6	26.3	9.9	
PARAGUAY (*)	1978	1.7	1.8	-	-	-	-	2.9	1.9	11.1	15.8	40.0	
PERU	1978	0.4	0.4	-	-	-	-	0.1	0.5	2.9	10.3	10.9	
PUERTO RICO	1977	8.5	5.4	0.5	-	-	-	0.6	11.5	43.3	49.3	97.3	
ST. VINCENT	1979	-	-	-	-	-	-	-	-	-	-	-	
SURINAME	1978	2.1	2.1	-	-	-	-	-	-	12.3	19.0	96.6	
TRINIDAD AND TOBAGO	1977	2.6	2.8	-	0.7	-	-	-	-	15.3	17.3	84.0	
UNITED STATES	1978	5.4	2.6	0.0	0.0	0.1	0.2	3.8	2.2	17.8	26.2	34.1	
URUGUAY	1978	7.3	3.8	-	-	0.4	-	4.4	11.6	26.3	28.6	40.9	
VENEZUELA	1978	1.1	1.3	-	-	0.1	-	0.4	3.8	5.9	13.1	34.0	
FEMALE													
ARGENTINA	1978	0.7	0.4	0.1	0.0	0.0	-	0.4	0.8	1.9	3.3	7.9	
BAHAMAS	1979	0.9	0.8	-	-	-	-	-	-	-	33.3	-	
BARBADOS	1978	0.7	0.5	-	-	-	-	-	-	9.7	-	-	
BELIZE	1979	-	-	-	-	-	-	-	-	-	-	-	
CANADA	1978	1.7	0.8	0.1	0.2	0.0	0.1	0.8	2.1	4.4	7.6	12.8	
CHILE	1979	0.6	0.4	-	-	-	0.1	0.1	1.1	1.5	4.0	6.7	
COLOMBIA	1977	0.8	0.9	-	-	0.1	0.1	0.3	4.0	4.0	11.2	27.9	
COSTA RICA	1979	0.5	0.4	-	-	-	-	-	-	2.1	3.6	22.5	
CUBA	1978	2.3	1.9	-	0.1	0.1	0.1	0.2	2.3	4.9	13.7	15.6	
DOMINICA	1978	2.3	1.9	-	-	-	-	-	-	40.0	-	-	
DOMINICAN REPUBLIC	1978	0.7	0.8	-	-	0.2	0.7	0.4	0.7	3.8	10.3	9.7	
ECUADOR	1978	0.2	0.2	-	-	-	-	-	0.4	1.2	1.1	10.8	
EL SALVADOR	1974	0.3	0.3	-	-	-	-	-	-	0.8	4.0	9.1	
GUATEMALA	1978	0.4	0.5	0.5	-	0.2	-	-	0.5	3.1	2.9	10.3	
GUYANA	1977	1.0	0.9	-	-	-	-	-	-	5.6	9.1	40.0	
HONDURAS	1978	0.1	0.1	-	-	-	-	-	1.0	-	-	-	
JAMAICA	1971	1.8	1.5	-	-	-	-	0.9	3.7	2.8	5.1	24.2	
MARTINIQUE	1975	1.8	1.2	-	-	-	-	-	7.7	-	-	50.0	
MEXICO	1976	0.4	0.4	0.1	0.0	-	-	0.5	1.1	1.5	4.9	7.9	
NICARAGUA	1977	0.1	0.1	-	-	-	-	-	-	-	-	6.6	
PANAMA	1974	1.3	1.2	-	-	-	-	-	1.9	-	21.6	45.8	
PARAGUAY (*)	1978	0.8	0.6	-	-	0.1	-	-	0.7	1.4	9.1	31.3	
PERU	1978	0.3	0.3	-	-	0.1	-	0.3	-	4.2	3.7	6.1	
PUERTO RICO	1977	2.2	1.2	-	-	-	-	-	-	4.6	3.7	39.1	
ST. VINCENT	1979	-	-	-	-	-	-	-	-	-	-	-	
SURINAME	1978	0.5	0.5	-	-	-	-	-	-	11.5	-	-	
TRINIDAD AND TOBAGO	1977	1.1	1.0	-	0.0	0.8	-	3.7	-	-	11.7	13.1	
UNITED STATES	1978	2.2	0.9	0.0	0.0	0.0	0.2	0.5	2.1	6.0	8.3	11.9	
URUGUAY	1978	1.1	0.9	-	-	-	0.5	0.5	1.1	1.5	6.2	9.6	
VENEZUELA	1978	1.0	1.1	-	-	-	0.1	0.5	0.9	6.3	10.6	32.4	

(\*) AREA OF INFORMATION ONLY.

Table II-5a  
NUMBER OF DEATHS FROM MALIGNANT NEOPLASM OF THE STOMACH (151), BY AGE, SEX, AND COUNTRY

COUNTRY	YEAR	ALL AGES	UNDER 5	AGE IN YEARS								UN-KNOWN
				5-14	15-24	25-34	35-44	45-54	55-64	65-74	75 AND OVER	
BOTH SEXES												
ARGENTINA	1978	3772	11	2	5	40	139	398	759	1241	1158	19
BAHAMAS	1979	19	-	-	-	-	1	2	2	6	8	-
BARBADOS	1978	61	-	-	1	-	1	3	10	21	25	-
BELIZE	1979	1	-	-	-	-	-	-	-	-	-	-
CANADA	1978	2185	-	-	4	14	51	182	402	683	849	-
CHILE	1979	2731	2	1	8	29	95	303	611	855	824	3
COLOMBIA	1977	2950	5	1	10	63	166	425	742	809	717	12
COSTA RICA	1979	410	-	-	3	6	24	51	64	119	143	-
CUBA	1978	644	-	1	2	8	19	51	106	219	238	-
DOMINICA	1978	9	-	-	-	-	1	1	1	3	3	-
DOMINICAN REPUBLIC	1978	62	1	-	-	2	3	6	13	12	23	2
ECUADOR	1978	770	-	2	7	18	32	87	142	237	229	16
EL SALVADOR	1974	104	-	-	-	4	8	12	23	32	24	-
GUATEMALA	1978	458	2	2	16	14	25	77	91	132	109	-
GUYANA	1977	47	-	-	-	-	2	2	7	17	11	-
HONDURAS	1978	49	-	-	-	1	5	11	5	13	13	1
JAMAICA	1971	369	-	-	-	1	3	13	48	86	91	1
MARTINIQUE	1975	34	-	-	-	-	-	2	2	16	9	1
MEXICO	1976	2838	10	9	23	66	127	346	523	836	877	21
NICARAGUA	1977	19	-	-	-	-	1	3	3	5	5	-
PANAMA	1974	109	-	-	2	1	5	13	28	29	31	-
PARAGUAY (*)	1978	123	-	-	3	1	11	12	22	38	35	1
PERU	1978	1314	2	3	9	31	89	155	280	357	362	26
PUERTO RICO	1977	403	-	1	1	2	12	28	79	120	160	-
ST. VINCENT	1979	8	-	-	-	-	-	-	2	5	5	1
SURINAME	1978	18	-	-	-	-	-	-	5	5	5	-
TRINIDAD AND TOBAGO	1977	88	-	-	2	2	1	10	20	27	26	-
UNITED STATES	1978	14452	-	1	18	88	346	1187	2729	4369	5712	2
URUGUAY	1978	684	-	-	-	10	21	40	140	210	260	2
VENEZUELA	1978	1304	1	-	3	18	71	183	346	379	302	1
MALE												
ARGENTINA	1978	2416	5	2	5	16	88	272	555	820	644	9
BAHAMAS	1979	8	-	-	-	-	-	-	2	4	2	-
BARBADOS	1978	34	-	-	-	-	-	2	5	14	13	-
BELIZE	1979	1	-	-	-	-	-	-	-	-	-	-
CANADA	1978	1374	-	-	1	9	25	126	291	438	484	-
CHILE	1979	1714	-	-	5	15	70	222	430	546	425	1
COLOMBIA	1977	1630	3	1	6	31	89	236	445	447	365	7
COSTA RICA	1979	253	-	-	1	3	15	32	46	74	84	-
CUBA	1978	426	-	1	2	1	12	34	63	147	164	-
DOMINICA	1978	2	-	-	-	-	-	-	-	-	-	-
DOMINICAN REPUBLIC	1978	41	-	-	-	2	1	2	11	8	15	2
ECUADOR	1978	437	-	-	6	6	15	42	84	150	126	8
EL SALVADOR	1974	53	-	-	-	3	2	9	15	16	8	-
GUATEMALA	1978	236	2	1	3	4	12	36	53	69	56	-
GUYANA	1977	27	-	-	-	-	-	1	13	8	4	-
HONDURAS	1978	20	-	-	-	1	2	4	8	8	4	1
JAMAICA	1971	217	-	-	-	2	8	20	55	81	49	1
MARTINIQUE	1975	24	-	-	-	-	-	2	15	2	4	1
MEXICO	1976	1427	9	6	11	32	44	179	278	437	413	18
NICARAGUA	1977	9	-	-	-	-	3	3	20	25	22	-
PANAMA	1974	76	-	-	-	1	7	8	14	21	16	-
PARAGUAY (*)	1978	64	-	-	1	1	3	4	7	16	16	-
PERU	1978	695	1	1	1	15	41	93	153	199	179	13
PUERTO RICO	1977	261	-	1	1	2	4	15	52	83	104	-
ST. VINCENT	1979	4	-	-	-	-	-	-	2	4	4	1
SURINAME	1978	13	-	-	-	-	-	-	1	2	4	-
TRINIDAD AND TOBAGO	1977	51	-	-	1	1	1	4	15	18	11	-
UNITED STATES	1978	8529	-	1	4	52	194	817	1828	2730	2901	2
URUGUAY	1978	415	-	-	-	5	15	26	103	133	131	2
VENEZUELA	1978	784	1	-	2	10	44	113	232	215	166	1
FEMALE												
ARGENTINA	1978	1356	6	-	-	24	51	126	204	421	514	10
BAHAMAS	1979	11	-	-	-	-	1	1	2	2	6	-
BARBADOS	1978	27	-	-	1	-	1	1	5	7	12	-
BELIZE	1979	-	-	-	-	-	-	-	-	-	-	-
CANADA	1978	817	-	-	3	5	26	56	111	245	365	-
CHILE	1979	1017	1	1	3	14	29	81	181	309	399	2
COLOMBIA	1977	1320	2	-	4	32	77	189	297	362	352	5
COSTA RICA	1979	157	-	-	2	5	9	19	18	45	59	-
CUBA	1978	218	-	-	-	5	7	17	43	72	74	-
DOMINICA	1978	7	-	-	-	-	1	1	2	2	3	-
DOMINICAN REPUBLIC	1978	21	-	-	-	-	2	4	2	4	3	-
ECUADOR	1978	333	1	2	1	12	17	45	58	87	103	8
EL SALVADOR	1974	51	-	-	1	1	6	3	8	16	16	-
GUATEMALA	1978	222	-	1	3	10	13	41	38	63	53	-
GUYANA	1977	20	-	-	-	-	2	7	4	5	9	-
HONDURAS	1978	29	-	-	-	1	5	28	31	45	42	-
JAMAICA	1971	152	-	-	-	-	-	-	1	4	5	-
MARTINIQUE	1975	10	-	-	-	-	-	-	1	4	5	-
MEXICO	1976	1406	1	3	12	34	83	167	245	394	464	3
NICARAGUA	1977	10	-	-	2	2	1	5	1	3	3	-
PANAMA	1974	33	-	-	2	-	2	4	8	17	19	1
PARAGUAY (*)	1978	59	-	-	2	-	4	8	8	17	19	-
PERU	1978	619	1	3	8	16	48	62	127	158	183	13
PUERTO RICO	1977	142	-	-	1	-	8	13	27	37	56	-
ST. VINCENT	1979	4	-	-	-	-	-	-	1	3	1	-
SURINAME	1978	5	-	-	-	1	-	-	2	3	1	-
TRINIDAD AND TOBAGO	1977	37	-	-	1	1	6	6	9	9	15	-
UNITED STATES	1978	5923	-	-	14	36	152	370	901	1639	2811	-
URUGUAY	1978	269	-	-	1	5	6	14	37	77	129	-
VENEZUELA	1978	520	-	-	1	8	27	70	114	164	136	-

(\*) AREA OF INFORMATION ONLY.



Table II-5b  
CRUDE, AGE-ADJUSTED, AND AGE-SPECIFIC DEATH RATES PER 100,000 POPULATION FROM  
MALIGNANT NEOPLASM OF THE STOMACH (151), BY SEX AND COUNTRY

COUNTRY	YEAR	CRUDE RATE	AGE-ADJUSTED RATE	UNDER 5	AGE IN YEARS							
					5-14	15-24	25-34	35-44	45-54	55-64	65-74	75 AND OVER
BOTH SEXES												
ARGENTINA	1978	14.2	7.3	0.4	0.0	0.1	1.1	4.3	13.2	33.8	86.2	174.7
BAHAMAS	1979	8.7	8.7	-	-	-	-	-	-	48.0	112.2	320.0
BARBADOS	1978	23.0	10.4	-	-	1.8	-	4.5	12.7	48.4	114.1	323.8
BELIZE	1979	0.6	0.6	-	-	-	-	-	-	-	-	50.0
CANADA	1978	9.3	4.2	-	-	0.1	0.4	1.9	7.3	19.9	51.0	106.8
CHILE	1979	25.0	18.1	0.2	0.0	0.4	1.7	7.2	33.0	97.2	215.7	426.5
COLOMBIA	1977	11.9	13.7	0.1	0.0	0.2	2.0	7.2	28.3	75.9	155.7	299.2
COSTA RICA	1979	18.9	19.3	-	-	0.6	1.9	11.9	35.1	68.0	223.6	582.1
CUBA	1978	6.6	4.1	-	0.0	0.1	0.6	1.8	6.4	16.6	49.8	123.3
DOMINICA	1978	11.1	8.3	-	-	-	-	16.7	17.2	21.7	100.0	166.7
DOMINICAN REPUBLIC	1978	1.2	1.4	0.1	-	-	0.3	0.6	2.0	7.5	12.0	39.2
ECUADOR	1978	9.7	10.6	-	0.1	0.5	1.8	4.6	17.8	43.8	138.7	276.2
EL SALVADOR	1974	2.7	2.9	-	-	0.1	0.8	2.3	4.8	14.5	35.1	61.7
GUATEMALA	1978	6.7	8.3	0.2	0.1	0.4	1.6	4.0	17.3	36.1	97.1	201.9
GUYANA	1977	5.8	6.0	-	-	-	-	3.0	13.5	45.9	55.0	112.5
HONDURAS	1978	1.4	1.8	-	-	0.2	0.2	1.7	5.4	3.8	19.1	50.0
JAMAICA	1971	19.4	16.1	-	-	0.3	1.4	9.1	36.8	75.0	203.6	344.7
MARTINIQUE	1975	13.4	7.2	-	-	-	-	-	8.0	80.0	50.0	150.0
MEXICO	1976	4.6	5.1	0.1	0.1	0.2	0.8	2.3	9.5	24.4	59.9	121.5
NICARAGUA	1977	0.8	1.0	-	-	-	0.8	0.5	2.3	3.7	11.5	18.9
PANAMA	1974	6.9	6.7	-	-	0.7	0.5	3.4	11.8	38.5	77.3	147.7
PARAGUAY (*)	1978	7.4	6.3	-	-	1.0	0.5	7.7	10.8	29.7	82.7	134.6
PERU	1978	7.8	8.2	0.1	0.1	0.3	1.4	5.7	14.0	39.5	90.1	199.3
PUERTO RICO	1977	12.1	5.8	-	0.1	0.1	0.4	3.6	10.1	26.6	85.1	186.0
ST. VINCENT	1979	4.8	4.7	-	-	-	-	-	-	8.8	38.5	172.4
SURINAME	1978	7.9	7.2	-	-	-	2.1	1.2	11.5	29.7	47.4	106.4
TRINIDAD AND TOBAGO	1977	7.9	7.0	-	-	0.8	0.8	0.9	11.5	30.3	78.4	232.0
UNITED STATES	1978	6.9	7.0	-	0.0	0.0	0.2	1.0	5.0	15.0	38.7	61.5
URUGUAY	1978	23.9	10.0	-	-	0.2	1.7	5.7	11.5	53.5	117.1	262.7
VENEZUELA	1978	9.9	11.4	0.0	-	0.1	1.0	6.2	21.1	64.4	131.6	255.9
MALE												
ARGENTINA	1978	18.3	10.0	0.4	0.1	0.2	0.8	5.4	18.1	51.2	121.5	227.6
BAHAMAS	1979	26.9	13.5	-	-	-	-	-	-	40.7	121.8	352.6
BARBADOS	1978	1.3	1.2	-	-	-	-	-	19.9	48.3	167.7	507.8
BELIZE	1979	1.8	1.2	-	-	-	-	-	-	-	-	100.0
CANADA	1978	11.8	5.9	-	-	0.0	0.5	1.8	10.2	30.1	71.2	156.1
CHILE	1979	31.7	26.0	-	-	0.4	1.8	11.5	49.8	145.8	312.1	579.9
COLOMBIA	1977	13.2	15.9	0.2	0.0	0.2	2.1	8.1	30.5	92.4	177.9	341.8
COSTA RICA	1979	23.1	25.0	-	-	0.4	0.6	14.8	44.0	99.9	289.2	746.0
CUBA	1978	8.6	4.1	-	0.1	0.2	0.4	2.3	8.4	19.0	60.5	169.1
DOMINICA	1978	5.2	4.1	-	-	-	-	-	-	47.6	83.3	-
DOMINICAN REPUBLIC	1978	1.6	1.8	-	-	-	0.7	0.4	1.3	11.6	15.6	54.0
ECUADOR	1978	11.0	12.8	-	-	0.8	1.2	4.3	17.3	52.6	183.2	346.2
EL SALVADOR	1974	7.7	3.2	-	-	-	1.2	7.2	15.6	38.6	47.4	-
GUATEMALA	1978	6.8	8.8	0.3	0.1	0.4	0.9	3.8	16.1	42.4	103.0	224.0
GUYANA	1977	6.7	7.2	-	-	-	-	-	19.2	68.4	44.4	133.3
HONDURAS	1978	1.2	1.5	-	-	0.3	1.4	3.9	1.5	24.2	33.3	-
JAMAICA	1971	23.2	21.1	-	-	0.5	2.0	13.0	33.3	98.0	283.2	494.9
MARTINIQUE	1975	15.2	12.3	-	-	-	-	-	16.7	126.7	40.0	200.0
MEXICO	1976	4.5	1.0	0.2	0.1	0.2	0.8	1.6	9.9	25.7	65.7	125.0
NICARAGUA	1977	0.8	1.0	-	-	-	-	-	4.7	5.2	9.8	17.7
PANAMA	1974	9.5	9.2	-	-	-	1.0	3.9	13.7	51.5	115.8	218.5
PARAGUAY (*)	1978	7.8	8.1	-	-	0.6	1.1	10.0	7.4	38.9	110.5	160.0
PERU	1978	8.2	9.4	0.1	0.1	0.1	1.3	5.3	16.8	43.8	104.0	216.7
PUERTO RICO	1977	16.0	6.0	-	0.3	-	1.0	2.5	11.2	48.1	100.3	260.0
ST. VINCENT	1979	7.5	6.9	-	-	-	-	-	-	200.0	200.0	-
SURINAME	1978	7.0	7.0	-	-	-	-	-	17.3	36.9	75.9	193.2
TRINIDAD AND TOBAGO	1977	9.0	9.3	-	-	0.8	1.2	1.9	9.0	45.8	103.7	308.0
UNITED STATES	1978	7.9	3.6	-	0.0	0.0	0.3	1.6	8.1	18.4	38.7	86.0
URUGUAY	1978	29.6	13.6	-	-	-	2.7	8.3	15.1	58.4	158.7	335.0
VENEZUELA	1978	11.9	14.4	0.1	-	0.1	1.1	7.8	25.5	86.2	156.9	332.0
FEMALE												
ARGENTINA	1978	10.3	4.9	0.4	-	-	1.3	3.2	8.3	17.6	55.1	132.3
BAHAMAS	1979	9.7	8.7	-	-	-	-	-	24.4	66.7	375.0	-
BARBADOS	1978	19.7	8.6	-	-	3.5	-	8.2	7.3	48.6	69.6	232.6
BELIZE	1979	-	-	-	-	-	-	-	-	-	-	-
CANADA	1978	6.9	2.8	-	-	0.1	0.3	2.0	4.5	10.5	33.8	75.3
CHILE	1979	18.5	11.7	0.3	0.1	0.3	1.7	4.0	17.1	54.2	138.8	332.8
COLOMBIA	1977	10.4	11.7	0.1	-	0.1	2.0	6.4	23.3	59.9	134.9	265.1
COSTA RICA	1979	14.6	14.1	-	-	0.8	3.1	9.0	26.1	37.4	162.8	443.4
CUBA	1978	4.6	3.0	-	-	-	0.7	1.4	4.3	14.0	36.5	77.1
DOMINICA	1978	16.4	10.9	-	-	-	-	29.4	31.3	-	111.1	250.0
DOMINICAN REPUBLIC	1978	0.8	0.9	0.2	-	-	0.8	2.9	2.5	8.3	25.9	-
ECUADOR	1978	8.5	8.8	-	0.2	0.1	2.4	4.9	18.3	35.2	97.8	221.5
EL SALVADOR	1974	2.6	2.7	-	-	0.3	0.4	3.5	2.4	9.7	32.2	72.7
GUATEMALA	1978	6.6	2.9	-	0.1	0.5	2.3	4.2	18.6	29.9	91.5	182.8
GUYANA	1977	4.9	4.8	-	-	-	-	5.7	7.7	22.2	63.6	100.0
HONDURAS	1978	1.7	2.2	-	-	-	0.5	2.1	6.9	6.0	14.3	64.3
JAMAICA	1971	15.7	12.2	-	-	-	0.9	6.1	39.7	52.5	135.1	254.5
MARTINIQUE	1975	6.1	3.6	-	-	-	-	-	-	9.1	57.1	125.0
MEXICO	1976	4.6	2.6	0.0	0.0	0.2	0.9	3.1	9.0	22.1	54.0	118.6
NICARAGUA	1977	0.8	0.9	-	-	-	1.4	0.9	-	2.4	13.0	19.8
PANAMA	1974	4.2	4.2	-	-	1.3	-	2.8	9.6	23.6	37.8	82.4
PARAGUAY (*)	1978	7.1	6.0	-	-	1.3	-	5.5	14.0	21.1	77.3	118.8
PERU	1978	7.4	2.4	0.1	0.1	0.3	1.4	4.5	11.1	25.0	71.1	184.9
PUERTO RICO	1977	8.4	3.0	-	-	0.3	-	4.5	9.1	25.0	71.1	121.7
ST. VINCENT	1979	6.7	5.1	-	-	-	-	-	-	31.3	157.9	-
SURINAME	1978	2.7	2.5	-	-	-	4.1	-	-	23.0	19.0	38.0
TRINIDAD AND TOBAGO	1977	6.7	5.6	-	-	0.8	1.3	-	14.1	15.0	52.7	196.4
UNITED STATES	1978	5.2	1.8	-	-	-	0.2	1.2	7.0	28.1	47.1	81.4
URUGUAY	1978	19.4	2.6	-	-	-	3.4	7.9	2.0	2.0	80.5	201.4
VENEZUELA	1978	7.9	8.7	-	-	0.1	0.9	4.7	16.5	42.5	108.6	200.0

(\*) AREA OF INFORMATION ONLY.

Table II-5a  
 NUMBER OF DEATHS FROM MALIGNANT NEOPLASM OF THE INTESTINE, EXCEPT RECTUM (152, 153),  
 BY AGE, SEX, AND COUNTRY

COUNTRY	YEAR	ALL AGES	AGE IN YEARS									UN-KNOWN
			UNDER 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75 AND OVER	
BOTH SEXES												
ARGENTINA	1973	3242	8	2	8	27	104	296	621	981	1180	15
BAHAMAS	1979	1	-	-	-	-	-	-	-	-	-	1
BARBADOS	1978	16	-	-	-	-	1	-	4	6	5	-
BELIZE	1979	1	-	-	-	-	-	-	-	-	-	-
CANADA	1978	4249	-	-	7	32	89	371	816	1210	1730	2
CHILE	1979	417	-	-	2	6	9	36	82	118	163	1
COLOMBIA	1977	368	-	2	8	11	26	54	68	93	104	2
COSTA RICA	1979	49	-	-	-	3	2	2	12	14	16	-
CUBA	1978	660	-	-	1	5	22	67	128	187	249	1
DOMINICA	1978	1	-	-	-	-	-	-	-	-	-	-
DOMINICAN REPUBLIC	1978	58	-	-	-	3	4	1	10	10	23	6
ECUADOR	1973	83	-	1	1	3	7	5	16	23	23	4
EL SALVADOR	1974	16	-	-	-	-	1	3	4	5	1	-
GUATEMALA	1978	26	-	-	-	2	1	8	2	6	7	-
GUYANA	1977	14	-	-	-	-	1	1	3	7	3	-
HONDURAS	1979	11	-	-	1	-	-	1	1	5	1	-
JAMAICA	1971	92	-	-	-	-	2	12	22	26	30	-
MARTINIQUE	1975	7	-	-	-	1	-	1	2	2	1	-
MEXICO	1976	703	4	5	12	16	30	78	127	208	219	4
NICARAGUA	1977	34	-	-	-	-	-	5	10	9	8	-
PANAMA	1974	35	-	-	-	-	3	8	15	2	9	-
PARAGUAY (*)	1978	49	-	-	-	-	2	8	5	12	21	1
PERU	1978	183	-	-	2	9	6	29	27	43	59	8
PUERTO RICO	1977	191	-	-	1	7	1	21	28	43	90	-
ST. VINCENT	1979	5	-	-	-	1	-	1	1	-	1	-
SURINAME	1978	1	-	-	-	-	-	-	-	-	-	-
TRINIDAD AND TOBAGO	1978	38	-	-	-	2	-	1	9	8	1	-
UNITED STATES	1973	44391	1	4	60	271	851	3163	8298	13820	18415	8
URUGUAY	1978	501	-	-	2	2	8	33	89	155	211	1
VENEZUELA	1978	298	-	-	5	12	16	39	56	79	91	-
MALE												
ARGENTINA	1973	1567	4	2	5	9	52	153	341	499	491	11
BAHAMAS	1979	1	-	-	-	-	-	-	-	-	-	-
BARBADOS	1978	6	-	-	-	-	-	-	2	3	1	-
BELIZE	1979	1	-	-	-	-	-	-	-	-	-	-
CANADA	1978	2037	-	-	5	23	38	164	405	615	766	1
CHILE	1979	163	-	-	-	-	5	39	56	52	52	-
COLOMBIA	1977	160	-	-	-	-	12	17	37	43	40	-
COSTA RICA	1979	27	-	-	2	3	1	1	5	10	7	-
CUBA	1974	300	-	-	-	-	12	28	49	84	126	1
DOMINICA	1978	1	-	-	-	-	-	-	-	-	-	-
DOMINICAN REPUBLIC	1978	33	-	1	-	1	3	1	6	8	11	2
ECUADOR	1973	33	-	-	1	3	4	8	8	6	10	-
EL SALVADOR	1974	9	-	-	-	2	1	2	3	3	1	-
GUATEMALA	1978	15	-	-	-	1	1	5	1	4	3	-
GUYANA	1977	6	-	-	-	-	1	1	1	2	2	-
HONDURAS	1978	6	-	-	-	1	-	1	1	2	1	-
JAMAICA	1971	44	-	-	-	-	1	7	12	15	12	-
MARTINIQUE	1975	2	-	-	-	-	-	1	1	2	1	-
MEXICO	1976	274	2	4	5	7	15	34	55	75	76	1
NICARAGUA	1977	1	-	-	-	-	-	-	-	-	1	-
PANAMA	1974	19	-	-	-	-	-	4	7	7	4	-
PARAGUAY (*)	1978	23	-	-	-	-	1	4	2	6	9	-
PERU	1978	85	-	-	-	7	3	13	11	23	23	5
PUERTO RICO	1977	103	-	-	1	4	-	13	18	26	46	-
ST. VINCENT	1979	1	-	-	-	-	-	-	1	-	-	-
SURINAME	1978	1	-	-	-	-	1	-	-	-	-	-
TRINIDAD AND TOBAGO	1978	15	-	-	-	2	-	2	4	3	7	-
UNITED STATES	1973	21046	1	2	32	141	449	1615	4267	6918	7618	4
URUGUAY	1978	237	-	-	1	1	3	16	48	84	83	-
VENEZUELA	1978	117	-	-	3	6	6	16	24	34	28	-
FEMALE												
ARGENTINA	1978	1675	4	-	3	18	52	143	280	482	689	4
BAHAMAS	1979	1	-	-	-	-	1	-	2	3	4	-
BARBADOS	1978	10	-	-	-	-	-	-	-	-	-	-
BELIZE	1979	1	-	-	-	-	-	-	1	-	-	-
CANADA	1978	2212	-	-	2	9	43	187	411	595	964	1
CHILE	1979	254	-	-	2	5	14	25	44	62	111	1
COLOMBIA	1977	208	-	2	6	2	14	37	31	50	64	2
COSTA RICA	1979	22	-	-	-	1	1	1	7	4	9	-
CUBA	1973	360	-	-	1	5	10	39	79	103	123	-
DOMINICA	1978	1	-	-	-	-	-	-	-	-	1	-
DOMINICAN REPUBLIC	1978	25	-	-	-	2	4	1	8	17	12	4
ECUADOR	1973	50	-	1	-	2	1	2	8	17	13	-
EL SALVADOR	1974	7	-	-	-	-	1	2	1	2	-	-
GUATEMALA	1978	11	-	-	-	1	-	3	1	2	4	-
GUYANA	1977	8	-	-	-	-	-	3	2	5	1	-
HONDURAS	1978	5	-	-	1	-	1	5	10	14	18	-
JAMAICA	1971	48	-	-	-	-	1	5	10	14	18	-
MARTINIQUE	1975	2	-	-	-	1	-	-	-	-	-	-
MEXICO	1976	425	2	1	7	9	15	44	72	132	141	2
NICARAGUA	1977	3	-	-	-	-	-	-	1	2	-	-
PANAMA	1974	16	-	-	-	-	3	4	6	6	4	-
PARAGUAY (*)	1978	26	-	-	-	-	1	4	3	6	12	-
PERU	1978	98	-	-	2	3	16	18	18	20	36	3
PUERTO RICO	1977	83	-	-	-	2	3	11	10	17	44	-
ST. VINCENT	1979	1	-	-	-	-	-	-	-	-	-	-
SURINAME	1978	3	-	-	-	1	-	-	1	5	1	-
TRINIDAD AND TOBAGO	1978	20	-	-	-	-	-	-	3	5	10	-
UNITED STATES	1973	23845	1	2	28	130	402	1548	4031	6902	10787	4
URUGUAY	1978	264	-	-	1	1	5	17	41	71	128	-
VENEZUELA	1978	181	-	-	2	6	10	23	32	45	63	-

(\*) AREA OF INFORMATION ONLY.

Table II-5b  
CRUDE, AGE-ADJUSTED, AND AGE-SPECIFIC DEATH RATES PER 100,000 POPULATION FROM MALIGNANT  
NEOPLASM OF THE INTESTINE, EXCEPT RECTUM (152, 153), BY SEX AND COUNTRY

COUNTRY	YEAR	CRUDE RATE	AGE- ADJUSTED RATE	AGE IN YEARS									
				UNDER 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75 AND OVER	
BOTH SEXES													
ARGENTINA	1978	12.3	6.2	0.3	0.0	0.2	0.7	3.2	9.8	27.7	68.2	178.0	-
BAHAMAS	1979	0.4	0.0	-	-	-	-	-	-	-	-	-	-
BARBADOS	1978	6.0	2.9	-	-	-	-	4.5	-	19.4	32.6	64.8	-
BELIZE	1979	0.6	0.6	-	-	-	-	-	-	12.5	-	-	-
CANADA	1978	18.1	9.1	-	-	0.2	0.8	3.0	15.0	40.3	90.3	217.6	-
CHILE	1979	3.8	2.7	-	-	0.1	0.4	0.7	3.9	13.0	29.7	84.4	-
COLOMBIA	1977	1.5	1.7	-	0.0	0.2	0.4	1.1	3.4	7.0	17.9	43.4	-
COSTA RICA	1979	2.3	2.3	-	-	-	-	0.9	1.4	12.7	26.3	65.1	-
CUBA	1978	6.8	4.3	-	-	0.1	0.4	2.1	8.4	20.1	42.5	129.0	-
DOMINICA	1978	1.2	0.7	-	-	-	-	-	-	1.9	5.8	35.2	-
DOMINICAN REPUBLIC	1978	1.1	1.2	-	0.1	-	0.5	0.8	0.3	2.0	10.0	35.2	-
ECUADOR	1978	1.1	1.1	-	0.0	0.1	0.3	1.0	1.0	4.9	13.5	27.7	-
EL SALVADOR	1974	0.4	0.4	-	-	-	0.4	0.3	1.2	2.5	5.5	2.6	-
GUATEMALA	1978	0.4	0.5	-	-	-	0.2	0.2	1.8	0.8	4.4	13.0	-
GUYANA	1977	1.7	1.8	-	-	-	-	-	1.9	8.1	35.0	37.5	-
HONDURAS	1978	0.3	0.4	-	-	0.2	0.2	0.3	0.3	0.8	7.4	3.8	-
JAMAICA	1971	4.8	4.0	-	-	-	-	1.4	9.2	19.1	42.0	113.6	-
MARTINIQUE	1975	2.2	1.8	-	-	-	-	-	4.0	10.0	16.7	16.7	-
MEXICO	1976	1.1	1.2	0.0	0.0	0.1	0.2	0.6	2.1	5.9	14.9	30.3	-
NICARAGUA	1977	3.2	0.2	-	-	-	-	-	-	4.5	4.6	3.8	-
PANAMA	1974	2.2	2.2	-	-	-	-	2.0	4.5	13.8	24.0	38.1	-
PARAGUAY (*)	1978	3.0	2.6	-	-	-	-	1.4	7.2	6.8	29.3	80.8	-
PERU	1978	1.1	1.1	-	-	0.1	0.4	0.4	2.6	3.8	10.8	32.5	-
PUERTO RICO	1977	5.8	3.4	-	-	0.1	1.6	0.3	7.6	13.0	30.5	104.7	-
ST. VINCENT	1979	0.9	0.9	-	-	-	-	-	-	9.2	-	-	-
SURINAME	1978	1.3	1.4	-	-	-	2.1	2.8	4.4	15.9	21.3	21.3	-
TRINIDAD AND TOBAGO	1977	3.4	1.4	-	-	-	1.9	-	2.3	15.6	23.2	151.7	-
UNITED STATES	1978	20.2	7.7	0.0	0.0	0.1	0.8	3.4	13.4	39.4	90.9	198.3	-
URUGUAY	1978	17.5	7.1	-	-	0.4	0.5	2.2	9.5	33.4	86.4	208.3	-
VENEZUELA	1978	2.3	2.6	-	-	0.2	0.7	1.4	4.5	10.4	27.4	77.1	-
MALE													
ARGENTINA	1978	11.9	6.5	0.3	0.1	0.2	0.5	3.2	10.2	31.4	73.9	173.5	-
BAHAMAS	1979	-	-	-	-	-	-	-	-	-	-	-	-
BARBADOS	1978	4.7	2.2	-	-	-	-	-	-	19.3	35.9	39.1	-
BELIZE	1979	-	-	-	-	-	-	-	-	-	-	-	-
CANADA	1978	17.4	8.7	-	-	0.2	1.2	2.8	14.9	41.8	100.0	247.1	-
CHILE	1979	3.0	2.5	-	-	-	0.1	0.8	2.2	15.9	32.0	70.9	-
COLOMBIA	1977	1.3	1.6	-	-	0.1	0.6	1.1	2.2	7.1	17.1	37.5	-
COSTA RICA	1979	2.5	2.6	-	-	-	1.9	1.0	1.4	10.9	39.1	62.2	-
CUBA	1978	6.1	3.8	-	-	-	-	2.3	6.9	14.8	34.6	129.9	-
DOMINICA	1978	-	-	-	-	-	-	-	-	-	-	-	-
DOMINICAN REPUBLIC	1978	1.3	1.4	-	0.1	-	0.4	1.2	0.6	6.3	15.6	39.6	-
ECUADOR	1978	0.8	1.0	-	-	0.1	0.2	0.9	1.6	7.3	7.3	27.5	-
EL SALVADOR	1974	0.5	0.5	-	-	-	0.8	-	0.8	2.6	7.2	5.9	-
GUATEMALA	1978	0.4	0.5	-	-	-	0.2	0.3	2.2	0.8	6.0	12.0	-
GUYANA	1977	1.5	1.8	-	-	-	-	-	3.8	22.2	66.7	-	
HONDURAS	1978	0.3	0.4	-	-	-	0.5	-	-	5.3	15.2	43.0	-
JAMAICA	1971	4.7	4.4	-	-	-	-	-	-	43.0	121.2	121.2	-
MARTINIQUE	1975	3.2	2.6	-	-	-	-	-	8.3	11.1	40.0	50.0	-
MEXICO	1976	0.9	1.0	0.0	0.0	0.1	0.2	0.6	1.9	5.3	11.3	23.0	-
NICARAGUA	1977	0.1	0.1	-	-	-	-	-	-	-	8.9	-	-
PANAMA	1974	2.4	2.3	-	-	-	-	-	6.9	10.3	36.8	39.7	-
PARAGUAY (*)	1978	2.8	2.7	-	-	-	-	1.4	7.4	5.6	31.6	90.0	-
PERU	1978	1.0	1.1	-	-	-	0.6	0.4	2.4	3.2	12.0	27.8	-
PUERTO RICO	1977	6.6	4.0	-	-	0.3	1.9	-	9.7	16.7	37.7	115.0	-
ST. VINCENT	1979	1.9	2.3	-	-	-	-	-	-	50.0	-	-	-
SURINAME	1978	1.1	1.2	-	-	-	-	5.7	8.7	-	-	-	-
TRINIDAD AND TOBAGO	1977	3.2	1.4	-	-	-	2.4	4.5	12.2	17.3	196.0	196.0	-
UNITED STATES	1978	19.5	8.7	-	0.0	0.2	0.8	3.7	14.1	42.9	104.7	227.4	-
URUGUAY	1978	16.9	7.5	-	-	0.4	0.5	1.7	9.3	37.1	100.2	212.3	-
VENEZUELA	1978	1.8	2.2	-	-	0.2	0.7	1.1	3.6	8.9	24.8	56.0	-
FEMALE													
ARGENTINA	1978	12.7	5.9	0.3	-	0.1	1.0	3.2	9.5	24.2	63.1	181.3	-
BAHAMAS	1979	0.9	0.0	-	-	-	-	-	-	-	-	-	-
BARBADOS	1978	7.2	3.4	-	-	-	-	8.2	-	19.5	29.8	77.5	-
BELIZE	1979	1.3	1.2	-	-	-	-	-	-	25.0	-	-	-
CANADA	1978	18.7	7.6	-	-	0.1	0.5	3.2	15.0	38.9	82.1	198.8	-
CHILE	1979	4.6	2.9	-	-	0.2	0.6	0.6	5.3	13.2	27.8	92.6	-
COLOMBIA	1977	1.6	1.8	-	0.1	0.2	0.1	1.2	4.6	6.3	18.6	48.2	-
COSTA RICA	1979	2.0	2.0	-	-	-	-	1.0	1.4	14.6	14.5	67.6	-
CUBA	1978	7.6	4.9	-	-	0.1	0.7	1.9	9.9	25.7	52.3	128.1	-
DOMINICA	1978	2.3	1.0	-	-	-	0.7	0.4	-	5.1	4.1	83.3	-
DOMINICAN REPUBLIC	1978	1.0	0.9	-	-	-	-	-	-	11.1	45.5	20.0	-
ECUADOR	1978	1.3	1.2	-	0.1	-	0.4	0.4	0.4	4.9	19.1	28.0	-
EL SALVADOR	1974	0.4	0.4	-	-	-	0.6	1.6	2.4	2.4	4.0	-	-
GUATEMALA	1978	0.3	0.4	-	-	-	0.2	-	1.4	0.8	2.9	13.8	-
GUYANA	1977	2.0	1.8	-	-	-	-	-	-	11.1	45.5	20.0	-
HONDURAS	1978	0.3	0.4	-	-	0.3	-	0.7	1.0	1.5	7.1	7.1	-
JAMAICA	1971	5.0	3.7	-	-	-	-	1.2	7.1	16.9	42.0	109.1	-
MARTINIQUE	1975	1.2	1.2	-	-	-	-	-	-	9.1	-	-	-
MEXICO	1976	1.4	1.4	0.0	0.0	0.1	0.2	0.6	2.4	6.5	18.1	36.0	-
NICARAGUA	1977	0.3	0.3	-	-	-	-	-	-	2.4	8.7	-	-
PANAMA	1974	3.1	2.1	-	-	-	-	4.1	1.9	17.7	10.8	36.6	-
PARAGUAY (*)	1978	2.1	2.1	-	-	-	-	1.4	7.0	17.7	10.8	75.0	-
PERU	1978	1.2	1.2	-	-	0.1	0.2	0.4	2.9	4.4	9.8	36.4	-
PUERTO RICO	1977	4.9	2.8	-	-	-	1.3	0.6	5.6	9.3	23.6	95.7	-
ST. VINCENT	1979	-	-	-	-	-	-	-	-	-	-	-	-
SURINAME	1978	1.6	1.5	-	-	-	-	-	-	11.5	-	39.0	-
TRINIDAD AND TOBAGO	1977	1.6	1.9	-	-	-	-	-	-	15.0	29.3	131.0	-
UNITED STATES	1978	20.9	7.1	0.0	0.0	0.1	0.7	3.2	12.7	36.4	80.3	181.9	-
URUGUAY	1978	18.1	6.7	-	-	0.4	0.5	2.7	9.6	29.9	74.3	205.8	-
VENEZUELA	1978	2.8	3.0	-	-	0.1	0.6	1.7	5.4	11.9	29.8	92.6	-

(\*) AREA OF INFORMATION ONLY.

Table II-5a  
 NUMBER OF DEATHS FROM MALIGNANT NEOPLASM OF THE RECTUM AND RECTOSIGMOID  
 JUNCTION (154), BY AGE, SEX, AND COUNTRY

COUNTRY	YEAR	ALL AGES	AGE IN YEARS										UN-KNOWN
			UNDER 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75 AND OVER		
BOTH SEXES													
ARGENTINA	1973	853	4	--	2	5	33	94	181	280	257	2	
ARGENTINA	1979	5	--	--	--	--	--	--	--	1	1	--	
BARBADOS	1978	1	--	--	--	--	--	--	2	--	2	1	
BELIZE	1979	1	--	--	--	--	--	--	--	--	1	--	
CANADA	1978	1382	--	--	1	9	30	118	287	383	553	1	
CHILE	1979	221	--	--	4	5	10	20	57	64	61	--	
COLOMBIA	1977	145	--	--	6	1	2	13	22	33	35	--	
COSTA RICA	1979	28	--	--	1	1	2	4	4	7	9	--	
CUBA	1978	231	--	--	1	3	14	15	46	70	83	--	
DOMINICA	1978	1	--	--	--	--	--	--	--	1	7	--	
DOMINICAN REPUBLIC	1978	25	--	--	1	2	4	1	4	6	11	--	
ECUADOR	1978	27	--	--	1	1	1	1	8	1	11	--	
EL SALVADOR	1974	11	--	--	1	1	1	2	1	4	4	--	
GUATEMALA	1978	26	--	--	2	3	1	1	8	4	8	--	
GUYANA	1977	9	--	--	--	1	1	2	2	2	1	--	
HONDURAS	1978	1	--	--	--	--	--	--	1	3	3	--	
JAMAICA	1971	24	--	--	1	--	--	3	3	14	3	--	
MARTINIQUE	1975	4	--	--	--	--	--	--	--	1	3	--	
MEXICO	1976	214	1	1	3	8	16	21	41	56	63	4	
NICARAGUA	1977	2	--	--	--	--	--	--	1	1	1	--	
PANAMA	1974	15	--	1	--	--	--	2	3	4	5	--	
PARAGUAY (*)	1978	11	--	--	--	--	1	2	3	5	5	--	
PERU	1978	11	--	--	--	--	3	9	12	17	22	3	
PUERTO RICO	1977	65	--	--	--	1	--	7	5	13	21	--	
ST. VINCENT	1979	2	--	--	--	--	--	--	--	--	2	--	
SURINAME	1978	6	--	--	--	--	1	1	2	1	1	--	
TRINIDAD AND TOBAGO	1977	16	--	--	--	--	1	5	4	4	6	--	
UNITED STATES	1978	9091	1	1	6	39	133	630	1791	2734	3756	2	
URUGUAY	1978	183	1	--	--	2	3	22	38	55	61	1	
VENEZUELA	1978	126	--	--	2	4	11	21	24	44	20	--	
MALE													
ARGENTINA	1978	495	2	--	2	3	15	51	101	169	150	2	
ARGENTINA	1979	--	--	--	--	--	--	--	--	--	--	--	
BARBADOS	1978	--	--	--	--	--	--	--	--	--	--	--	
BELIZE	1979	1	--	--	--	--	--	--	--	--	1	--	
CANADA	1978	788	--	1	6	17	70	169	241	283	1	--	
CHILE	1979	113	--	--	--	4	11	30	36	28	--	--	
COLOMBIA	1977	71	--	3	3	4	7	19	19	16	1	--	
COSTA RICA	1979	14	--	1	--	1	1	2	4	5	--	--	
CUBA	1978	130	--	--	1	7	8	23	42	49	--	--	
DOMINICA	1978	--	--	--	--	--	--	--	--	--	--	--	
DOMINICAN REPUBLIC	1978	11	--	1	2	1	--	2	3	5	--	--	
ECUADOR	1978	12	--	1	1	1	--	2	3	--	--	--	
EL SALVADOR	1974	12	--	1	1	1	1	1	3	1	2	--	
GUATEMALA	1973	10	--	1	1	2	1	1	1	1	1	--	
GUYANA	1977	5	--	--	--	1	--	--	--	--	--	--	
HONDURAS	1978	--	--	--	--	--	--	--	--	6	1	--	
JAMAICA	1971	12	--	1	--	--	3	1	--	2	2	--	
MARTINIQUE	1975	2	--	--	--	--	--	--	--	--	--	--	
MEXICO	1976	93	--	1	3	4	8	6	18	29	21	3	
NICARAGUA	1977	2	--	--	--	--	--	1	1	--	1	--	
PANAMA	1974	8	--	--	--	--	--	2	3	1	2	--	
PARAGUAY (*)	1978	8	--	--	--	--	1	2	4	9	9	--	
PERU	1978	30	--	--	--	1	2	5	4	8	9	1	
PUERTO RICO	1977	26	--	--	--	1	--	5	3	--	1	--	
ST. VINCENT	1979	1	--	--	--	--	--	--	--	--	1	--	
SURINAME	1973	2	--	--	--	1	1	1	2	3	--	--	
TRINIDAD AND TOBAGO	1977	8	--	--	1	--	1	2	3	--	--	--	
UNITED STATES	1978	5002	--	1	1	19	72	387	1077	1641	1894	--	
URUGUAY	1978	106	--	--	1	3	5	9	25	39	27	1	
VENEZUELA	1978	52	--	--	1	3	5	10	8	18	7	--	
FEMALE													
ARGENTINA	1973	363	2	--	--	2	18	43	80	111	107	--	
ARGENTINA	1979	2	--	--	--	--	--	--	--	1	1	--	
BARBADOS	1978	5	--	--	--	--	--	--	2	--	2	1	
BELIZE	1979	--	--	--	--	--	--	--	--	--	--	--	
CANADA	1978	594	--	--	3	13	48	118	142	270	--	--	
CHILE	1979	108	--	3	2	6	9	27	28	33	--	--	
COLOMBIA	1977	74	--	3	--	9	15	14	14	19	--	--	
COSTA RICA	1979	14	--	1	--	1	3	2	3	4	--	--	
CUBA	1978	101	--	--	2	7	7	23	28	34	--	--	
DOMINICA	1978	1	--	--	--	--	--	--	1	1	--	--	
DOMINICAN REPUBLIC	1978	14	--	--	--	3	1	2	3	5	--	--	
ECUADOR	1978	15	--	--	1	--	--	6	1	2	--	--	
EL SALVADOR	1974	5	--	--	1	--	1	5	3	6	--	--	
GUATEMALA	1978	16	--	--	1	--	--	2	1	1	--	--	
GUYANA	1977	4	--	--	--	--	--	--	1	1	--	--	
HONDURAS	1978	1	--	--	--	--	--	--	--	1	--	--	
JAMAICA	1971	12	--	--	--	--	--	2	1	8	2	--	
MARTINIQUE	1975	2	--	--	--	--	--	--	--	1	1	--	
MEXICO	1976	119	1	--	--	4	8	15	22	27	41	1	
NICARAGUA	1977	--	--	--	--	--	--	--	--	--	--	--	
PANAMA	1974	7	--	1	--	--	--	--	3	3	3	--	
PARAGUAY (*)	1978	3	--	--	--	--	1	--	7	18	13	2	
PERU	1978	35	--	--	--	--	4	2	7	9	13	--	
PUERTO RICO	1977	21	--	--	--	--	--	2	9	12	11	--	
ST. VINCENT	1979	4	--	--	--	--	--	--	--	1	1	--	
SURINAME	1978	4	--	--	--	--	--	2	2	1	1	--	
TRINIDAD AND TOBAGO	1977	8	--	--	--	--	3	3	4	2	2	--	
UNITED STATES	1978	4089	1	--	5	20	61	243	714	1091	1952	2	
URUGUAY	1978	77	--	--	--	1	3	13	13	16	14	--	
VENEZUELA	1978	74	--	--	1	1	6	11	16	26	13	--	

(\*) AREA OF INFORMATION ONLY.

Table II-5b  
CRUDE, AGE-ADJUSTED, AND AGE-SPECIFIC DEATH RATES PER 100,000 POPULATION FROM MALIGNANT  
NEOPLASM OF THE RECTUM AND RECTOSIGMOID JUNCTION (154), BY SEX AND COUNTRY

COUNTRY	YEAR	CRUDE RATE	AGE-ADJUSTED RATE	AGE IN YEARS									
				UNDER 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75 AND OVER	
BOTH SEXES													
ARGENTINA	1978	3.3	1.7	0.1	-	0.0	0.1	1.0	3.1	8.1	19.5	38.8	
BAHAMAS	1979	0.9	0.9	-	-	-	-	-	-	-	19.2	40.0	
BARBADOS	1978	1.9	0.8	-	-	-	-	-	-	9.7	-	25.9	
BELIZE	1979	0.6	0.6	-	-	-	-	-	-	-	-	50.0	
CANADA	1978	5.9	2.6	-	-	0.0	0.2	1.1	4.9	14.2	28.6	69.6	
CHILE	1979	2.0	1.9	-	-	0.2	0.3	0.8	2.2	9.1	16.1	31.6	
COLUMBIA	1977	0.6	0.7	-	-	0.1	0.1	0.6	1.4	3.4	6.4	14.6	
COSTA RICA	1979	1.3	1.3	-	-	0.2	0.3	1.0	2.8	4.2	13.2	36.6	
CUBA	1978	2.4	1.5	-	-	-	0.2	1.3	1.9	7.2	15.9	43.0	
DOMINICA	1978	1.2	0.8	-	-	-	-	-	-	-	33.3	-	
DOMINICAN REPUBLIC	1978	0.3	0.4	-	-	0.1	0.3	0.8	0.3	2.3	6.6	11.9	
ECUADOR	1978	0.3	0.3	-	-	0.1	0.2	0.1	-	2.5	3.3	13.3	
EL SALVADOR	1974	0.3	0.3	-	-	0.1	0.3	0.3	0.8	0.6	4.4	5.1	
GUATEMALA	1978	0.4	0.5	-	-	0.1	0.3	0.2	-	3.2	2.9	14.8	
GUYANA	1977	1.1	1.2	-	-	-	1.1	1.5	3.8	5.4	10.0	12.5	
HONDURAS	1978	0.0	0.0	-	-	-	-	-	-	-	1.5	-	
JAMAICA	1971	1.3	1.0	-	-	0.3	-	-	2.3	2.6	22.6	11.4	
MARTINIQUE	1975	1.3	0.8	-	-	-	-	-	-	-	8.3	50.0	
MEXICO	1976	0.3	0.4	0.0	0.0	0.0	0.1	0.3	0.6	1.9	4.0	8.7	
NICARAGUA	1977	0.1	0.1	-	-	-	-	-	-	1.2	-	3.8	
PANAMA	1974	0.9	0.9	-	0.2	-	-	-	1.8	4.1	10.7	23.8	
PARAGUAY (*)	1978	0.7	0.6	-	-	-	-	0.7	-	2.7	12.2	11.5	
PERU	1978	0.4	0.4	-	-	-	-	0.2	0.8	1.6	4.3	12.1	
PUERTO RICO	1977	1.4	0.8	-	-	-	0.2	-	2.5	2.3	9.2	24.4	
ST. VINCENT	1979	1.8	1.2	-	-	-	-	-	-	-	-	105.3	
SURINAME	1978	1.6	1.6	-	-	-	-	2.8	4.4	11.9	9.5	21.3	
TRINIDAD AND TOBAGO	1977	1.7	1.3	-	-	-	-	0.6	5.7	14.1	11.6	17.8	
UNITED STATES	1978	4.1	1.5	0.0	0.0	0.0	0.1	0.5	2.7	8.5	18.0	40.8	
URUGUAY	1978	6.4	2.8	0.4	-	-	0.5	0.8	6.3	14.3	30.7	60.2	
VENEZUELA	1978	1.0	1.1	-	-	0.1	0.2	1.0	2.4	4.5	15.3	16.9	
MALE													
ARGENTINA	1978	3.8	2.0	0.1	-	0.1	0.2	0.9	3.4	9.3	25.0	53.0	
BAHAMAS	1979	-	-	-	-	-	-	-	-	-	-	-	
BARBADOS	1978	-	-	-	-	-	-	-	-	-	-	-	
BELIZE	1979	1.3	1.2	-	-	-	-	-	-	-	-	100.0	
CANADA	1978	6.7	3.4	-	-	0.0	0.3	1.3	5.7	17.5	39.2	91.3	
CHILE	1979	2.1	1.7	-	-	0.1	0.4	0.7	2.5	10.2	20.6	38.2	
COLUMBIA	1977	0.6	0.7	-	-	0.1	0.1	0.4	0.9	3.9	7.6	15.0	
COSTA RICA	1979	1.3	1.4	-	-	0.4	-	1.0	1.4	4.3	15.6	44.2	
CUBA	1978	2.6	1.6	-	-	-	0.1	1.3	2.0	6.9	17.3	50.5	
DOMINICA	1978	-	-	-	-	-	-	-	-	-	-	-	
DOMINICAN REPUBLIC	1978	0.4	0.5	-	-	0.2	0.7	0.4	-	2.1	5.8	7.2	
ECUADOR	1978	0.3	0.4	-	-	0.1	0.2	0.3	-	1.3	2.4	13.7	
EL SALVADOR	1974	0.3	0.3	-	-	0.3	-	0.6	0.8	-	7.2	-	
GUATEMALA	1978	0.3	0.3	-	-	0.1	0.4	0.3	-	2.4	1.5	8.0	
GUYANA	1977	1.2	1.5	-	-	-	2.2	3.1	-	5.3	11.1	33.3	
HONDURAS	1978	-	-	-	-	-	-	-	-	-	-	-	
JAMAICA	1971	1.3	1.1	-	-	0.3	-	-	5.0	1.8	21.0	10.1	
MARTINIQUE	1975	1.3	1.2	-	-	-	-	-	-	-	-	100.0	
MEXICO	1976	0.3	0.3	-	0.0	0.0	0.1	0.3	0.3	1.7	4.4	6.4	
NICARAGUA	1977	0.2	0.2	-	-	-	-	-	-	2.6	-	8.9	
PANAMA	1974	1.0	1.0	-	-	-	-	-	3.4	7.7	5.3	19.9	
PARAGUAY (*)	1978	1.0	1.0	-	-	-	-	-	1.4	5.6	21.1	10.0	
PERU	1978	0.4	0.4	-	-	-	-	0.3	0.9	1.1	4.7	10.9	
PUERTO RICO	1977	1.6	0.8	-	-	-	0.5	-	3.7	2.8	11.6	22.5	
ST. VINCENT	1979	1.9	2.0	-	-	-	-	-	-	-	-	166.7	
SURINAME	1978	1.1	1.2	-	-	-	-	5.7	8.7	-	-	-	
TRINIDAD AND TOBAGO	1977	1.4	1.2	-	-	-	1.2	4.5	6.1	17.3	-	-	
UNITED STATES	1978	4.6	2.0	-	0.0	0.0	0.1	0.6	3.4	10.8	24.8	53.8	
URUGUAY	1978	7.6	2.9	-	-	-	1.1	1.7	7.4	19.3	46.5	69.1	
VENEZUELA	1978	0.8	0.9	-	-	0.1	0.3	0.9	2.3	3.0	13.1	14.0	
FEMALE													
ARGENTINA	1978	2.7	1.3	0.1	-	-	0.1	1.1	2.8	6.9	14.5	28.2	
BAHAMAS	1979	1.5	1.5	-	-	-	-	-	-	-	33.3	62.5	
BARBADOS	1978	3.6	1.4	-	-	-	-	-	-	19.5	-	38.8	
BELIZE	1979	-	-	-	-	-	-	-	-	-	-	-	
CANADA	1978	5.0	2.0	-	-	-	0.2	1.0	3.9	11.2	19.6	55.7	
CHILE	1979	2.0	1.3	-	-	0.3	0.2	1.0	1.9	8.1	12.6	27.5	
COLUMBIA	1977	0.6	0.6	-	-	0.1	-	0.7	1.9	2.8	5.2	14.3	
COSTA RICA	1979	1.3	1.3	-	-	-	0.6	1.0	4.1	4.2	10.9	30.1	
CUBA	1978	1.1	1.4	-	-	-	0.3	1.4	1.8	7.5	10.2	35.4	
DOMINICA	1978	2.3	1.3	-	-	-	-	-	-	-	55.6	-	
DOMINICAN REPUBLIC	1978	0.5	0.6	-	-	-	-	1.3	0.7	2.5	6.2	16.2	
ECUADOR	1978	0.4	0.4	-	-	-	0.2	-	-	3.6	2.2	12.9	
EL SALVADOR	1974	0.3	0.3	-	-	-	-	-	0.8	1.2	2.0	9.1	
GUATEMALA	1978	0.5	0.6	-	-	0.2	0.2	-	-	3.6	4.3	20.7	
GUYANA	1977	1.0	1.0	-	-	-	-	-	7.7	5.6	9.1	-	
HONDURAS	1978	0.1	0.1	-	-	-	-	-	-	-	2.9	-	
JAMAICA	1971	1.2	0.9	-	-	-	-	-	-	3.4	24.0	12.1	
MARTINIQUE	1975	1.2	0.6	-	-	-	-	-	-	-	14.3	25.0	
MEXICO	1976	0.4	0.4	0.0	-	-	0.1	0.3	0.8	2.0	3.7	10.5	
NICARAGUA	1977	-	-	-	-	-	-	-	-	-	-	-	
PANAMA	1974	0.9	0.8	-	0.5	-	-	-	-	-	16.2	27.5	
PARAGUAY (*)	1978	0.4	0.4	-	-	-	-	-	-	-	4.5	12.5	
PERU	1978	0.4	0.3	-	-	-	-	0.1	0.7	1.9	3.9	13.1	
PUERTO RICO	1977	1.2	0.7	-	-	-	-	-	1.4	1.9	6.9	26.1	
ST. VINCENT	1979	1.7	0.9	-	-	-	-	-	-	-	-	16.9	
SURINAME	1978	2.1	2.0	-	-	-	-	-	-	23.0	19.0	38.0	
TRINIDAD AND TOBAGO	1977	1.5	1.2	-	-	-	-	-	-	7.1	6.0	26.2	
UNITED STATES	1978	3.3	1.2	0.0	-	0.0	0.1	0.5	2.0	6.4	12.7	32.9	
URUGUAY	1978	9.3	2.1	0.7	-	-	-	-	7.4	9.5	16.7	54.7	
VENEZUELA	1978	1.1	1.2	-	-	0.1	0.1	1.0	2.6	6.0	17.2	19.1	

(\*) AREA OF INFORMATION ONLY.



Table II-5a  
 NUMBER OF DEATHS FROM MALIGNANT NEOPLASM OF THE LARYNX (161), BY AGE, SEX, AND COUNTRY

COUNTRY	YEAR	ALL AGES	UNDER 5	AGE IN YEARS								75 AND OVER	UNKNOWN
				5-14	15-24	25-34	35-44	45-54	55-64	65-74			
BOTH SEXES													
ARGENTINA	1978	773	1	-	-	1	40	180	259	176	111	5	
BAHAMAS	1979	1	-	-	-	-	-	1	-	-	-	-	
BARBADOS	1978	1	-	-	-	-	-	-	-	1	-	-	
BELIZE	1979	-	-	-	-	-	-	-	-	-	-	-	
CANADA	1978	321	-	-	-	-	5	48	89	111	68	-	
CHILE	1979	98	-	-	-	-	4	22	21	36	15	-	
COLOMBIA	1977	179	-	1	-	3	11	23	46	54	39	2	
COSTA RICA	1979	10	-	-	-	-	-	3	4	4	4	-	
CUBA	1978	314	-	-	-	1	12	25	65	139	72	-	
DOMINICA	1978	1	-	-	-	-	-	-	-	1	4	1	
DOMINICAN REPUBLIC	1978	18	-	1	-	-	1	4	6	1	4	1	
ECUADOR	1978	22	-	-	-	-	1	1	5	10	5	-	
EL SALVADOR	1974	4	-	-	1	-	-	1	1	4	1	-	
GUATEMALA	1978	17	-	-	-	1	1	3	-	1	4	-	
GUYANA	1977	5	-	-	-	-	1	1	1	2	1	-	
HONDURAS	1978	2	-	-	-	-	1	-	-	1	-	-	
JAMAICA	1971	8	-	-	-	-	-	2	3	2	1	-	
MARTINIQUE	1975	5	-	-	-	-	-	1	2	1	1	-	
MEXICO	1976	438	2	-	-	5	16	51	104	140	115	4	
NICARAGUA	1977	1	-	-	-	-	-	1	-	4	3	-	
PANAMA	1974	10	-	-	-	-	-	1	4	3	2	-	
PARAGUAY (*)	1978	10	-	-	-	-	-	2	3	3	2	-	
PERU	1978	41	1	-	-	4	-	5	13	3	10	-	
PUERTO RICO	1977	88	1	-	-	-	3	12	26	30	16	-	
ST. VINCENT	1979	2	-	-	-	-	-	-	-	-	1	-	
SURINAME	1978	2	-	-	-	-	-	-	-	1	1	-	
TRINIDAD AND TOBAGO	1977	5	-	-	-	-	-	-	1	2	2	-	
UNITED STATES	1978	3459	1	1	3	59	472	1051	1156	716	115	4	
URUGUAY	1978	130	-	-	-	1	5	31	38	40	18	-	
VENEZUELA	1978	130	-	-	-	1	5	17	32	46	29	-	
MALE													
ARGENTINA	1978	712	1	-	-	-	39	175	244	156	92	5	
BAHAMAS	1979	1	-	-	-	-	-	1	-	-	-	-	
BARBADOS	1978	1	-	-	-	-	-	-	-	1	-	-	
BELIZE	1979	-	-	-	-	-	-	-	-	-	-	-	
CANADA	1978	282	-	-	-	-	4	39	78	100	61	-	
CHILE	1979	89	-	-	-	-	4	21	19	32	13	-	
COLOMBIA	1977	123	-	-	-	2	6	16	35	42	21	1	
COSTA RICA	1979	6	-	-	-	-	-	-	-	2	2	-	
CUBA	1978	264	-	-	-	1	8	23	55	112	65	-	
DOMINICA	1978	1	-	-	-	-	-	-	-	-	-	-	
DOMINICAN REPUBLIC	1978	10	-	1	-	-	-	2	3	-	3	1	
ECUADOR	1978	18	-	-	-	-	-	1	4	9	4	-	
EL SALVADOR	1974	3	-	-	-	-	-	3	1	1	1	-	
GUATEMALA	1978	12	-	-	-	1	-	1	3	3	2	-	
GUYANA	1977	5	-	-	-	-	1	-	-	1	1	-	
HONDURAS	1978	1	-	-	-	-	-	-	-	1	-	-	
JAMAICA	1971	6	-	-	-	-	-	1	3	1	-	1	
MARTINIQUE	1975	6	-	-	-	-	-	2	2	1	1	-	
MEXICO	1976	324	2	-	-	3	8	33	79	113	83	3	
NICARAGUA	1977	1	-	-	-	-	-	1	3	1	2	-	
PANAMA	1974	8	-	-	-	-	-	1	3	2	2	-	
PARAGUAY (*)	1978	7	-	-	-	-	-	2	3	2	2	-	
PERU	1978	33	-	-	-	3	-	4	11	7	8	-	
PUERTO RICO	1977	71	1	-	-	-	2	12	22	23	11	-	
ST. VINCENT	1979	2	-	-	-	-	-	-	-	-	1	-	
SURINAME	1978	2	-	-	-	-	-	-	-	1	1	-	
TRINIDAD AND TOBAGO	1977	4	-	-	-	-	-	-	1	2	1	-	
UNITED STATES	1978	2909	1	-	-	-	38	378	869	994	629	4	
URUGUAY	1978	124	-	-	-	1	2	30	37	40	15	-	
VENEZUELA	1978	84	-	-	-	1	3	13	20	31	16	-	
FEMALE													
ARGENTINA	1978	61	-	-	-	1	1	5	15	20	19	-	
BAHAMAS	1979	-	-	-	-	-	-	-	-	-	-	-	
BARBADOS	1978	-	-	-	-	-	-	-	-	-	-	-	
BELIZE	1979	-	-	-	-	-	-	-	-	-	-	-	
CANADA	1978	39	-	-	-	-	1	9	11	11	7	-	
CHILE	1979	9	-	-	-	-	-	1	2	4	2	-	
COLOMBIA	1977	56	-	1	-	1	5	7	11	12	18	1	
COSTA RICA	1979	4	-	-	-	-	-	-	1	2	1	-	
CUBA	1978	50	-	-	-	-	4	2	10	27	7	-	
DOMINICA	1978	1	-	-	-	-	-	-	-	1	1	-	
DOMINICAN REPUBLIC	1978	8	-	-	-	-	1	2	3	1	1	-	
ECUADOR	1978	4	-	-	-	-	1	-	1	1	1	-	
EL SALVADOR	1974	1	-	-	1	-	-	-	-	-	-	-	
GUATEMALA	1978	5	-	-	-	-	1	-	1	1	2	-	
GUYANA	1977	1	-	-	-	-	-	-	-	-	-	-	
HONDURAS	1978	1	-	-	-	-	-	-	-	-	-	-	
JAMAICA	1971	2	-	-	-	1	-	-	-	1	-	-	
MARTINIQUE	1975	1	-	-	-	-	-	-	-	-	-	-	
MEXICO	1976	113	-	-	1	2	8	18	25	27	32	-	
NICARAGUA	1977	-	-	-	-	-	-	-	1	-	-	-	
PANAMA	1974	2	-	-	-	-	-	-	1	1	2	-	
PARAGUAY (*)	1978	3	-	-	-	-	-	-	-	1	2	-	
PERU	1978	8	-	-	-	1	-	1	2	1	5	-	
PUERTO RICO	1977	17	-	-	-	-	1	-	4	7	5	-	
ST. VINCENT	1979	1	-	-	-	-	-	-	-	-	1	-	
SURINAME	1978	1	-	-	-	-	-	-	-	-	1	-	
TRINIDAD AND TOBAGO	1977	1	-	-	-	-	-	-	-	-	1	-	
UNITED STATES	1978	550	-	1	3	21	94	182	162	87	11	-	
URUGUAY	1978	6	-	-	-	1	-	1	1	-	3	-	
VENEZUELA	1978	46	-	-	-	-	2	4	12	15	13	-	

(\*) AREA OF INFORMATION ONLY.

Table II-5b  
 CRUDE, AGE-ADJUSTED, AND AGE-SPECIFIC DEATH RATES PER 100,000 POPULATION FROM  
 MALIGNANT NEOPLASM OF THE LARYNX (161), BY SEX AND COUNTRY

COUNTRY	YEAR	CRUDE RATE	AGE-ADJUSTED RATE	AGE IN YEARS									
				UNDER 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75 AND OVER	
BOTH SEXES													
ARGENTINA	1978	2.9	1.6	0.0	--	--	0.0	1.2	6.0	11.5	12.2	16.7	
ARGENTINA	1979	2.4	1.5	--	--	--	--	--	6.3	--	--	--	
BARBADOS	1978	0.4	0.1	--	--	--	--	--	--	--	5.4	--	
BELIZE	1979	--	--	--	--	--	--	--	--	--	--	--	
CANADA	1978	1.4	0.7	--	--	--	--	0.2	1.9	4.4	8.3	8.6	
CHILE	1979	0.9	0.7	--	--	--	--	0.3	2.4	3.3	9.1	7.8	
COLOMBIA	1977	0.7	0.8	--	0.0	--	0.1	0.5	1.5	4.7	10.4	16.2	
COSTA RICA	1979	0.5	0.5	--	--	--	--	--	--	3.2	7.5	15.2	
CUBA	1978	3.2	2.0	--	--	--	0.1	1.2	3.1	10.2	31.6	37.3	
DOMINICA	1978	1.2	0.8	--	--	--	--	--	--	--	33.3	--	
DOMINICAN REPUBLIC	1978	0.4	0.4	--	0.1	--	--	0.2	1.4	3.5	1.0	6.8	
ECUADOR	1978	0.3	0.3	--	--	--	--	0.1	0.2	0.2	5.9	6.0	
EL SALVADOR	1978	0.1	0.1	--	--	--	--	--	0.4	0.6	--	2.6	
GUATEMALA	1978	0.2	0.3	--	--	0.1	0.1	0.2	0.7	1.6	2.9	7.4	
GUYANA	1977	0.6	0.7	--	--	--	--	1.5	--	2.7	10.0	12.5	
HONDURAS	1978	0.1	0.1	--	--	--	--	0.3	--	--	1.5	--	
JAMAICA	1971	0.4	0.3	--	--	--	--	--	--	--	3.2	--	
MARTINIQUE	1975	1.5	1.4	--	--	--	--	--	--	8.0	10.0	8.3	
MEXICO	1976	0.7	0.8	0.0	--	0.0	--	0.1	0.3	1.4	4.8	10.0	15.9
NICARAGUA	1977	0.0	0.1	--	--	--	--	--	--	--	--	4.3	
PANAMA	1974	0.6	0.6	--	--	--	--	--	--	0.9	5.5	8.0	
PARAGUAY (*)	1978	0.6	0.6	--	--	--	--	--	--	1.8	4.1	7.3	
PERU	1978	0.2	0.3	--	--	--	0.2	--	0.5	1.8	2.3	5.5	
PUERTO RICO	1977	2.7	1.7	0.3	--	--	--	0.9	4.3	12.0	21.3	18.6	
ST. VINCENT	1979	0.9	0.6	--	--	--	--	--	--	--	--	52.6	
SURINAME	1978	0.5	0.5	--	--	--	--	--	--	--	--	9.5	
TRINIDAD AND TOBAGO	1977	0.4	0.4	--	--	--	--	--	--	--	1.5	5.8	
UNITED STATES	1978	1.6	0.7	0.0	--	0.0	0.0	0.2	2.0	1.0	5.8	17.8	
URUGUAY	1978	4.5	2.1	--	--	--	0.3	0.5	6.9	14.3	22.6	17.8	
VENEZUELA	1978	1.0	1.1	--	--	--	0.1	0.4	2.0	6.0	16.0	24.6	
MALE													
ARGENTINA	1978	5.4	3.1	0.1	--	--	--	2.4	11.6	22.5	23.1	32.5	
ARGENTINA	1979	0.9	0.5	--	--	--	--	--	12.8	--	--	--	
BARBADOS	1978	0.8	0.3	--	--	--	--	--	--	--	12.0	--	
BELIZE	1979	--	--	--	--	--	--	--	--	--	--	--	
CANADA	1978	2.4	1.3	--	--	--	--	0.3	3.2	8.1	16.3	19.7	
CHILE	1979	1.6	1.3	--	--	--	--	0.7	4.7	6.4	18.3	17.7	
COLOMBIA	1977	1.0	1.2	--	--	--	0.1	0.5	2.1	7.3	16.7	19.7	
COSTA RICA	1979	0.5	0.6	--	--	--	--	--	--	4.3	7.8	17.8	
CUBA	1978	3.5	3.2	--	--	--	0.1	1.5	5.7	16.6	46.1	67.0	
DOMINICA	1978	--	--	--	--	--	--	--	--	--	--	--	
DOMINICAN REPUBLIC	1978	0.4	0.4	--	0.1	--	--	--	1.3	3.2	--	10.8	
ECUADOR	1978	0.5	0.5	--	--	--	--	--	0.4	2.5	11.0	11.0	
EL SALVADOR	1978	0.2	0.2	--	--	--	--	--	0.8	1.3	--	5.9	
GUATEMALA	1978	0.3	0.4	--	--	--	0.2	--	1.2	2.4	4.5	8.0	
GUYANA	1977	1.2	1.5	--	--	--	--	3.1	--	5.3	22.2	33.3	
HONDURAS	1978	0.1	0.1	--	--	--	--	--	--	--	3.0	--	
JAMAICA	1971	0.6	0.5	--	--	--	--	--	1.7	5.3	3.5	--	
MARTINIQUE	1975	3.9	3.3	--	--	--	--	--	16.7	22.2	20.0	50.0	
MEXICO	1976	1.0	1.2	0.0	--	--	0.1	0.3	1.8	7.6	17.0	25.1	
NICARAGUA	1977	0.1	0.1	--	--	--	--	--	--	--	--	17.0	
PANAMA	1974	1.0	1.0	--	--	--	--	--	--	1.7	7.7	10.5	
PARAGUAY (*)	1978	0.8	0.9	--	--	--	--	--	3.7	8.3	10.5	--	
PERU	1978	0.4	0.4	--	--	--	0.3	--	0.7	3.2	3.7	9.7	
PUERTO RICO	1977	4.4	2.9	0.5	--	--	--	1.3	9.0	20.4	33.3	27.5	
ST. VINCENT	1979	--	--	--	--	--	--	--	--	--	--	--	
SURINAME	1978	1.1	1.0	--	--	--	--	--	--	--	--	19.0	
TRINIDAD AND TOBAGO	1977	0.7	0.7	--	--	--	--	--	--	3.1	11.5	28.0	
UNITED STATES	1978	2.7	1.2	0.0	--	--	--	0.3	3.3	8.7	15.0	18.8	
URUGUAY	1978	8.8	4.3	--	--	--	--	1.1	17.5	28.6	47.7	38.4	
VENEZUELA	1978	1.3	1.5	--	--	--	0.1	0.5	2.9	7.4	22.6	32.0	
FEMALE													
ARGENTINA	1978	0.5	0.2	--	--	--	0.1	0.1	0.3	1.3	2.6	5.0	
ARGENTINA	1979	--	--	--	--	--	--	--	--	--	--	--	
BARBADOS	1978	--	--	--	--	--	--	--	--	--	--	--	
BELIZE	1979	--	--	--	--	--	--	--	--	--	--	--	
CANADA	1978	0.3	0.2	--	--	--	--	0.1	0.7	1.0	1.5	1.4	
CHILE	1979	0.2	0.1	--	--	--	--	--	0.2	0.6	1.8	1.7	
COLOMBIA	1977	0.4	0.5	--	0.0	--	0.1	0.4	0.9	2.2	4.5	13.6	
COSTA RICA	1979	0.4	0.4	--	--	--	--	--	--	2.1	7.2	7.5	
CUBA	1978	1.1	0.7	--	--	--	--	0.8	0.5	3.3	13.7	7.3	
DOMINICA	1978	2.3	1.3	--	--	--	--	--	--	--	55.6	--	
DOMINICAN REPUBLIC	1978	0.3	0.4	--	--	--	--	0.4	1.5	3.8	2.1	3.2	
ECUADOR	1978	0.1	0.1	--	--	--	--	0.3	--	0.6	1.1	2.2	
EL SALVADOR	1974	0.1	0.1	--	0.3	--	--	--	--	--	--	--	
GUATEMALA	1978	0.1	0.2	--	--	--	--	0.3	--	0.8	1.4	6.9	
GUYANA	1977	--	--	--	--	--	--	--	--	--	--	--	
HONDURAS	1978	0.1	0.1	--	--	--	--	0.7	--	--	--	--	
JAMAICA	1971	0.2	0.2	--	--	--	0.9	--	--	--	--	--	
MARTINIQUE	1975	--	--	--	--	--	--	--	--	--	3.0	--	
MEXICO	1976	0.4	0.4	--	0.0	0.1	0.3	1.0	2.3	3.7	8.2	--	
NICARAGUA	1977	--	--	--	--	--	--	--	--	--	--	--	
PANAMA	1974	0.3	0.3	--	--	--	--	--	--	3.0	5.4	--	
PARAGUAY (*)	1978	0.4	0.3	--	--	--	--	--	--	--	4.5	12.5	
PERU	1978	0.1	0.1	--	--	--	0.1	--	0.2	0.6	1.0	2.0	
PUERTO RICO	1977	1.0	0.6	--	--	--	--	0.6	--	3.7	9.7	10.9	
ST. VINCENT	1979	1.7	0.9	--	--	--	--	--	--	--	--	76.9	
SURINAME	1978	--	--	--	--	--	--	--	--	--	--	--	
TRINIDAD AND TOBAGO	1977	0.2	0.2	--	--	--	--	--	--	--	--	13.1	
UNITED STATES	1978	0.5	0.2	--	0.0	0.0	0.2	0.8	1.6	1.9	1.9	1.5	
URUGUAY	1978	0.4	0.2	--	--	--	0.5	--	0.6	0.7	--	4.8	
VENEZUELA	1978	0.7	0.8	--	--	--	--	0.3	0.9	4.5	9.9	19.1	

(\*) AREA OF INFORMATION ONLY.

Table II-5a  
 NUMBER OF DEATHS FROM MALIGNANT NEOPLASM OF THE TRACHEA, BRONCHUS, AND  
 LUNG (162), BY AGE, SEX, AND COUNTRY

COUNTRY	YEAR	ALL AGES	AGE IN YEARS										UN-KNOWN
			UNDER 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75 AND OVER		
BOTH SEXES													
ARGENTINA	1978	6921	13	5	14	53	290	1122	1986	2187	1204	47	
BAHAMAS	1979	11	-	-	-	-	-	-	-	-	-	-	
BARBADOS	1978	28	-	-	-	-	-	-	-	-	-	-	
BELIZE	1979	1	-	-	-	-	-	-	-	-	-	-	
CANADA	1978	8116	1	-	4	23	163	1015	2287	2811	1809	3	
CHILE	1979	1022	-	2	6	11	42	153	287	326	195	-	
COLOMBIA	1977	924	4	3	10	25	49	148	242	273	166	-	
COSTA RICA	1979	95	-	1	-	2	6	5	33	27	22	-	
CUBA	1978	2217	-	1	2	9	59	186	459	890	604	4	
DOMINICA	1978	1	-	-	-	-	-	-	-	-	-	-	
DOMINICAN REPUBLIC	1978	87	-	-	1	1	12	18	12	20	22	1	
ECUADOR	1978	122	-	1	-	2	3	19	21	42	30	9	
EL SALVADOR	1974	38	-	-	3	2	2	5	8	8	1	1	
GUATEMALA	1978	52	-	-	1	2	4	12	9	11	15	-	
GUYANA	1977	13	-	-	2	-	-	5	4	1	-	-	
HONDURAS	1978	15	-	2	-	-	1	2	3	2	4	1	
JAMAICA	1971	110	-	-	1	-	8	12	41	31	17	5	
MARTINIQUE	1975	24	-	-	-	-	1	4	5	7	2	2	
MEXICO	1976	2266	12	12	37	48	109	313	525	701	504	9	
NICARAGUA	1977	1	-	-	1	-	2	2	4	1	4	-	
PANAMA	1974	70	-	-	1	-	6	18	28	9	9	-	
PARAGUAY (*)	1978	47	-	-	-	2	4	10	15	11	5	-	
PERU	1978	368	1	1	4	8	20	53	87	107	79	8	
PUERTO RICO	1977	308	-	1	2	8	10	30	74	100	86	1	
ST. VINCENT	1979	5	-	-	-	-	-	-	-	-	-	-	
SURINAME	1978	13	-	-	-	-	-	6	3	3	1	-	
TRINIDAD AND TOBAGO	1977	55	-	-	-	-	2	9	15	20	9	-	
UNITED STATES	1978	95086	4	6	25	262	2332	12471	28088	32424	19465	9	
URUGUAY	1978	936	-	-	-	-	30	146	273	289	190	3	
VENEZUELA	1978	703	-	3	4	12	35	114	196	207	132	-	
MALE													
ARGENTINA	1978	6019	10	4	8	40	262	1017	1791	1894	954	39	
BAHAMAS	1979	8	-	-	-	-	-	-	-	-	-	-	
BARBADOS	1978	22	-	-	-	-	-	-	-	-	-	-	
BELIZE	1979	1	-	-	-	-	-	-	-	-	-	-	
CANADA	1978	6435	-	-	4	16	113	755	1778	2316	1450	3	
CHILE	1979	744	-	2	5	9	27	119	226	225	131	-	
COLOMBIA	1977	582	2	1	3	18	24	85	149	193	106	1	
COSTA RICA	1979	66	-	-	-	-	1	4	23	19	14	-	
CUBA	1978	1700	-	1	-	5	46	133	341	696	473	5	
DOMINICA	1978	1	-	-	-	-	-	-	-	-	-	-	
DOMINICAN REPUBLIC	1978	56	-	-	-	1	6	11	7	15	15	1	
ECUADOR	1978	88	-	-	1	2	2	16	16	30	18	3	
EL SALVADOR	1974	24	-	-	2	1	1	1	8	6	4	1	
GUATEMALA	1978	27	-	-	-	1	1	3	6	6	9	-	
GUYANA	1977	7	-	-	1	-	-	3	2	1	-	-	
HONDURAS	1978	7	-	1	-	-	-	2	1	1	1	1	
JAMAICA	1971	84	-	-	1	-	5	6	33	26	13	-	
MARTINIQUE	1975	21	-	-	-	-	1	4	4	6	4	2	
MEXICO	1976	1523	6	5	27	21	64	228	357	463	347	5	
NICARAGUA	1977	9	-	-	-	-	-	2	3	2	2	-	
PANAMA	1974	55	-	-	-	-	5	14	25	6	5	-	
PARAGUAY (*)	1978	34	-	-	-	1	3	5	12	9	4	-	
PERU	1978	274	-	1	2	4	15	43	63	79	60	7	
PUERTO RICO	1977	207	-	1	1	2	5	23	47	72	54	-	
ST. VINCENT	1979	4	-	-	-	-	-	-	-	-	-	-	
SURINAME	1978	12	-	-	-	-	-	-	-	-	-	-	
TRINIDAD AND TOBAGO	1977	41	-	-	-	-	-	6	3	2	1	-	
UNITED STATES	1978	71006	3	4	14	159	1486	8638	20803	25246	14646	7	
URUGUAY	1978	850	-	-	-	4	28	132	255	264	164	3	
VENEZUELA	1978	487	-	2	1	7	28	80	142	143	84	-	
FEMALE													
ARGENTINA	1978	902	3	1	6	13	28	105	195	293	250	8	
BAHAMAS	1979	3	-	-	-	-	-	-	-	-	-	-	
BARBADOS	1978	6	-	-	-	-	-	-	-	-	-	-	
BELIZE	1979	1	-	-	-	-	-	-	-	-	-	-	
CANADA	1978	1681	1	-	-	7	50	260	509	495	359	-	
CHILE	1979	278	-	-	1	2	15	34	61	101	64	-	
COLOMBIA	1977	342	2	2	7	7	25	63	93	80	60	3	
COSTA RICA	1979	29	-	1	-	1	1	1	9	8	8	-	
CUBA	1978	517	-	-	-	4	13	53	118	194	131	2	
DOMINICA	1978	1	-	-	-	-	-	-	-	-	-	-	
DOMINICAN REPUBLIC	1978	31	-	-	1	-	6	7	5	5	7	-	
ECUADOR	1978	34	-	1	-	-	1	3	5	12	12	-	
EL SALVADOR	1974	14	-	-	1	1	1	4	4	2	5	-	
GUATEMALA	1978	25	-	-	1	-	3	7	3	5	6	-	
GUYANA	1977	6	-	-	1	-	1	2	2	1	3	-	
HONDURAS	1978	8	-	1	-	-	-	2	1	1	3	-	
JAMAICA	1971	26	-	-	-	-	3	6	8	5	4	-	
MARTINIQUE	1975	3	-	-	-	-	-	-	-	1	1	-	
MEXICO	1976	738	6	7	10	27	44	83	167	237	157	2	
NICARAGUA	1977	15	-	-	-	-	1	4	3	3	4	-	
PANAMA	1974	5	-	-	-	-	1	4	3	3	4	-	
PARAGUAY (*)	1978	13	-	-	-	1	1	5	3	2	1	-	
PERU	1978	94	1	-	2	4	5	10	24	28	19	1	
PUERTO RICO	1977	101	-	-	1	3	5	7	27	26	32	-	
ST. VINCENT	1979	1	-	-	-	-	-	-	-	-	-	-	
SURINAME	1978	1	-	-	-	-	-	-	-	-	-	-	
TRINIDAD AND TOBAGO	1977	14	-	-	-	-	-	3	3	5	3	-	
UNITED STATES	1978	24080	1	2	11	103	846	3833	7285	7178	4819	2	
URUGUAY	1978	86	-	-	-	1	2	14	18	25	26	-	
VENEZUELA	1978	216	-	1	3	5	7	34	54	64	48	-	

(\*) AREA OF INFORMATION ONLY.

Table II-5b  
CRUDE, AGE-ADJUSTED, AND AGE-SPECIFIC DEATH RATES PER 100,000 POPULATION FROM MALIGNANT NEOPLASM OF THE TRACHEA, BRONCHUS, AND LUNG (162), BY SEX AND COUNTRY

COUNTRY	YEAR	CRUDE RATE	AGE-ADJUSTED RATE	AGE IN YEARS									
				UNDER 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75 AND OVER	
BOTH SEXES													
ARGENTINA	1978	26.2	13.8	0.5	0.1	0.3	1.4	8.9	37.2	88.5	152.0	181.6	
BAHAMAS	1979	8.9	5.0	-	-	-	-	4.5	18.8	47.6	38.5		
BARBADOS	1978	10.6	5.1	-	-	-	-	-	8.4	48.4	38.0	116.6	
BELIZE	1979	0.6	0.6	-	-	-	-	-	-	-	-	53.0	
CANADA	1978	36.6	16.5	0.1	-	0.1	0.6	6.1	40.9	113.0	209.8	227.5	
CHILE	1979	3.4	7.0	-	-	0.3	0.7	3.4	18.6	45.6	82.0	103.9	
COLOMBIA	1977	3.7	4.2	0.1	0.0	0.2	0.8	2.1	9.3	24.8	52.5	69.3	
COSTA RICA	1979	4.4	4.5	-	-	-	0.6	3.0	3.4	34.0	50.7	87.6	
CUBA	1978	22.9	14.1	-	0.0	0.1	0.6	5.7	23.3	71.9	202.3	313.0	
DOMINICA	1978	1.2	1.6	-	-	-	-	-	-	21.7	-	-	
DOMINICAN REPUBLIC	1978	1.7	2.0	-	-	0.1	0.2	2.5	6.1	6.9	20.3	37.5	
ECUADOR	1978	1.5	1.7	-	0.0	0.1	0.2	0.4	3.9	8.5	24.6	36.2	
EL SALVADOR	1974	1.0	1.0	-	-	0.4	0.4	0.6	3.0	5.0	8.8	36.1	
GUATEMALA	1978	7.8	1.0	-	-	0.1	-	0.6	2.7	3.6	8.1	27.3	
GUYANA	1977	1.6	1.6	-	-	1.1	-	-	9.6	10.8	10.0	-	
HONDURAS	1978	9.4	0.5	-	0.2	-	-	0.3	1.0	2.3	2.9	15.4	
JAMAICA	1971	3.8	4.9	-	-	-	-	5.6	9.2	35.6	50.1	64.4	
MARTINIQUE	1975	1.5	5.0	-	-	0.3	-	-	3.1	25.0	58.3	83.3	
MEXICO	1976	3.6	4.1	0.1	0.1	0.3	0.6	2.0	3.6	24.5	50.3	69.8	
NICARAGUA	1977	0.6	0.7	0.2	-	-	0.4	-	-	1.5	5.0	2.3	
PANAMA	1974	4.4	4.5	-	-	-	-	4.0	16.3	38.5	24.0	42.9	
PARAGUAY (*)	1978	2.2	2.3	-	-	-	-	1.3	9.0	20.5	26.8	19.2	
PERU	1978	2.2	2.3	0.0	0.0	0.1	0.4	1.3	6.8	12.3	27.0	43.5	
PUERTO RICO	1977	9.3	5.7	-	0.1	0.3	1.1	3.0	10.3	34.3	70.9	100.0	
ST. VINCENT	1979	4.4	3.9	-	-	-	-	-	-	19.2	103.4	52.6	
SURINAME	1978	3.5	3.7	-	-	-	-	-	26.4	17.8	28.5	21.3	
TRINIDAD AND TOBAGO	1977	3.5	4.3	-	-	-	-	1.9	10.3	22.7	58.1	80.3	
UNITED STATES	1978	4.8	14.8	0.0	0.0	0.1	0.8	9.3	52.8	133.7	213.2	209.6	
URUGUAY	1978	35.7	14.8	-	-	-	1.3	8.2	41.9	102.4	161.1	187.6	
VENEZUELA	1978	5.4	6.1	-	0.1	0.1	0.7	3.1	13.1	36.5	71.9	111.9	
MALE													
ARGENTINA	1978	45.6	25.3	0.7	0.2	0.3	2.1	16.1	67.6	165.1	280.6	337.1	
BAHAMAS	1979	8.9	5.0	-	-	-	-	4.9	12.8	100.0	49.5		
BARBADOS	1978	11.4	9.5	-	-	-	-	-	17.8	67.6	71.9	273.4	
BELIZE	1979	1.3	1.2	-	-	-	-	-	-	-	-	100.0	
CANADA	1978	55.1	28.2	-	-	0.2	0.8	8.3	61.1	183.7	376.6	467.7	
CHILE	1979	13.8	11.3	-	0.2	0.4	1.1	4.4	26.7	76.6	128.6	178.7	
COLOMBIA	1977	4.7	5.6	0.1	0.0	0.1	1.2	2.2	11.0	31.0	76.8	99.3	
COSTA RICA	1979	6.0	6.0	-	-	-	0.6	4.9	7.9	13.3	77.2	154.3	
CUBA	1978	34.4	20.6	-	0.1	-	0.7	8.7	32.9	103.0	286.4	487.6	
DOMINICA	1978	2.6	2.2	-	-	-	-	-	-	47.6	-	-	
DOMINICAN REPUBLIC	1978	2.2	2.5	-	-	-	0.4	2.4	7.1	7.4	29.2	54.0	
ECUADOR	1978	2.2	2.5	-	-	-	0.4	0.6	6.6	10.0	36.6	49.5	
EL SALVADOR	1974	2.2	1.4	-	-	0.1	0.4	0.6	10.5	14.5	23.7		
GUATEMALA	1978	3.8	1.0	-	-	-	0.5	0.4	0.2	4.8	36.0	36.0	
GUYANA	1977	1.7	1.8	-	-	-	1.1	-	-	11.5	10.5	11.1	
HONDURAS	1978	3.4	0.4	-	0.2	-	-	-	2.0	1.5	3.0	8.3	
JAMAICA	1971	9.0	8.0	-	-	0.5	-	8.1	10.0	58.8	90.9	131.3	
MARTINIQUE	1975	1.5	10.3	-	-	-	-	6.7	35.3	44.4	120.0	200.0	
MEXICO	1976	4.8	5.8	0.1	0.1	0.4	0.5	2.4	12.7	34.3	69.6	105.1	
NICARAGUA	1977	0.8	1.0	0.5	-	-	-	-	3.1	7.8	4.9	17.7	
PANAMA	1974	6.9	6.8	-	-	-	-	6.6	24.0	64.4	31.6	49.7	
PARAGUAY (*)	1978	4.1	4.4	-	-	-	1.1	4.3	9.3	33.3	47.4	40.0	
PERU	1978	3.2	3.5	-	-	-	0.6	1.9	7.8	18.1	41.3	72.6	
PUERTO RICO	1977	11.7	8.0	-	0.3	0.3	1.0	3.2	17.2	43.5	107.2	135.0	
ST. VINCENT	1979	7.5	8.9	-	-	-	-	-	-	50.0	200.0	166.7	
SURINAME	1978	6.4	7.0	-	-	-	-	-	51.9	36.9	38.0	48.3	
TRINIDAD AND TOBAGO	1977	7.2	7.1	-	-	-	-	3.8	13.5	36.7	86.4	168.0	
UNITED STATES	1978	65.7	30.7	0.0	0.0	0.1	0.9	12.3	75.5	208.9	382.2	437.2	
URUGUAY	1978	60.7	29.0	-	-	-	2.0	15.5	76.8	197.1	315.0	419.2	
VENEZUELA	1978	7.4	8.8	-	0.1	0.1	0.8	4.9	18.0	52.8	104.4	163.0	
FEMALE													
ARGENTINA	1978	6.8	3.3	0.2	0.0	0.3	0.7	1.7	6.9	16.8	38.4	65.8	
BAHAMAS	1979	2.7	2.6	-	-	-	-	-	24.4	-	33.3	-	
BARBADOS	1978	4.3	2.0	-	-	-	-	-	-	29.2	9.9	38.8	
BELIZE	1979	-	-	-	-	-	-	-	-	-	-	-	
CANADA	1978	15.2	6.7	0.1	-	-	0.4	3.8	20.9	48.2	68.3	74.0	
CHILE	1979	5.0	3.4	-	-	0.1	0.2	2.4	7.2	18.3	45.4	53.4	
COLOMBIA	1977	2.7	3.0	0.1	0.1	0.3	0.4	2.1	7.8	18.8	29.8	45.2	
COSTA RICA	1979	2.7	2.6	-	0.4	-	-	0.6	1.0	18.7	28.9	65.1	
CUBA	1978	10.9	-	-	-	0.3	0.6	2.0	13.5	38.4	98.1	136.5	
DOMINICA	1978	-	-	-	-	-	-	-	-	-	-	-	
DOMINICAN REPUBLIC	1978	1.2	1.5	-	-	0.2	-	2.5	5.1	6.3	10.3	22.7	
ECUADOR	1978	0.9	0.9	-	0.1	-	-	0.3	1.2	3.0	13.5	25.8	
EL SALVADOR	1974	0.7	0.8	-	-	0.3	0.4	0.6	3.2	4.0	22.7		
GUATEMALA	1978	0.7	4.9	-	-	-	0.2	1.0	3.2	7.2	20.7		
GUYANA	1977	1.5	1.5	-	-	-	1.1	-	7.7	11.1	9.1	-	
HONDURAS	1978	0.5	0.6	-	0.2	-	-	0.7	-	3.0	2.9	21.4	
JAMAICA	1971	2.7	2.3	-	-	-	-	3.7	8.5	13.6	15.0	24.2	
MARTINIQUE	1975	1.8	1.0	-	-	-	-	-	9.1	16.3	25.0		
MEXICO	1976	6.0	2.6	-	-	-	-	2.4	12.7	34.3	69.6	105.1	
NICARAGUA	1977	0.4	0.4	0.1	0.1	0.2	0.7	1.6	4.2	12.1	13.2		
PANAMA	1974	1.9	1.9	-	-	-	-	-	-	-	-	-	
PARAGUAY (*)	1978	1.6	1.6	-	-	-	1.0	1.4	7.7	8.9	16.2	36.6	
PERU	1978	1.1	1.1	0.1	-	0.1	0.4	1.4	8.8	7.9	9.1	6.3	
PUERTO RICO	1977	1.1	1.1	-	-	0.1	0.4	0.6	1.8	6.7	13.7	19.2	
ST. VINCENT	1979	1.7	1.2	-	-	0.3	1.3	2.8	4.9	25.0	36.1	69.6	
SURINAME	1978	0.5	0.4	-	-	-	-	-	-	-	19.0	-	
TRINIDAD AND TOBAGO	1977	2.5	2.1	-	-	-	-	-	7.1	9.0	29.3	39.3	
UNITED STATES	1978	21.1	9.1	0.0	0.0	0.1	0.6	6.7	31.5	65.7	83.5	81.2	
URUGUAY	1978	3.9	2.5	-	-	-	0.2	1.1	7.9	13.1	26.2	41.8	
VENEZUELA	1978	3.3	3.6	-	0.1	0.2	0.5	1.2	8.0	20.1	42.4	70.6	

(\*) AREA OF INFORMATION ONLY.

Table II-5a  
 NUMBER OF DEATHS FROM MALIGNANT NEOPLASM OF THE BREAST (174), BY AGE, SEX, AND COUNTRY

COUNTRY	YEAR	ALL AGES	AGE IN YEARS									UN-KNOWN
			UNDER 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75 AND OVER	
BOTH SEXES												
ARGENTINA	1978	3147	7	3	5	73	270	664	839	754	515	17
BAHAMAS	1979	14	-	-	1	1	3	5	1	1	1	-
BARBADOS	1978	30	-	-	1	1	2	5	6	7	9	-
BELIZE	1979	2	-	-	-	-	-	-	1	-	1	-
CANADA	1978	3308	-	-	-	50	202	645	889	771	750	1
CHILE	1979	541	-	-	-	12	45	123	127	142	92	-
COLOMBIA	1977	446	-	1	-	12	93	108	126	55	48	3
COSTA RICA	1979	49	-	-	-	6	6	12	12	10	9	-
CUBA	1978	592	-	-	2	15	61	144	133	129	108	-
DOMINICA	1978	3	-	-	-	-	1	1	-	6	-	1
DOMINICAN REPUBLIC	1978	45	-	-	-	2	5	13	23	6	11	2
ECUADOR	1978	112	-	-	-	2	19	32	23	23	12	1
EL SALVADOR	1974	6	-	-	-	1	1	4	2	2	-	-
GUATEMALA	1978	38	1	-	1	-	1	12	13	7	3	-
GUYANA	1977	19	-	-	-	1	4	6	3	-	5	-
HONDURAS	1978	19	-	-	-	-	-	2	2	-	4	-
JAMAICA	1971	113	-	-	-	2	10	32	29	19	21	-
MARTINIQUE	1975	9	-	-	-	-	3	2	4	5	4	1
MEXICO	1976	979	4	1	3	51	155	237	206	175	139	8
NICARAGUA	1977	3	-	-	-	-	-	2	-	1	-	-
PANAMA	1974	32	-	-	-	2	4	6	12	4	4	-
PARAGUAY (*)	1978	28	-	-	1	3	4	14	16	12	8	-
PERU	1978	248	-	-	-	15	49	83	52	52	22	5
PUERTO RICO	1977	130	-	-	-	2	18	32	32	23	23	-
ST. VINCENT	1979	4	-	-	-	-	-	2	1	-	1	-
SURINAME	1978	12	-	-	-	-	1	2	4	9	1	-
TRINIDAD AND TOBAGO	1977	52	-	-	-	7	8	6	12	9	10	-
UNITED STATES	1978	34609	4	-	26	561	2120	6125	9125	8446	8219	4
URUGUAY	1978	461	-	-	-	6	32	101	123	92	107	1
VENEZUELA	1978	359	-	-	1	24	52	91	84	70	37	-
MALE												
ARGENTINA	1978	64	-	2	-	-	5	12	17	20	8	-
BAHAMAS	1979	-	-	-	-	-	-	-	-	-	-	-
BARBADOS	1978	-	-	-	-	-	-	-	-	-	-	-
BELIZE	1979	-	-	-	-	-	-	-	-	-	-	-
CANADA	1978	28	-	-	-	-	-	-	7	11	10	-
CHILE	1979	11	-	-	-	-	1	1	5	2	3	-
COLOMBIA	1977	8	-	-	-	-	1	2	2	2	1	-
COSTA RICA	1979	4	-	-	-	-	1	1	1	1	1	-
CUBA	1978	4	-	-	-	-	-	-	-	1	-	-
DOMINICA	1978	-	-	-	-	-	-	-	-	-	-	-
DOMINICAN REPUBLIC	1978	1	-	-	-	-	-	1	-	-	-	-
ECUADOR	1978	-	-	-	-	-	-	-	-	-	-	-
EL SALVADOR	1974	-	-	-	-	-	-	-	-	-	-	-
GUATEMALA	1978	-	-	-	-	-	-	-	-	-	-	-
GUYANA	1977	3	-	-	-	-	-	-	2	-	1	-
HONDURAS	1978	1	-	-	-	-	1	-	-	-	-	-
JAMAICA	1971	3	-	-	-	-	1	-	1	-	1	-
MARTINIQUE	1975	-	-	-	-	-	-	-	-	-	-	-
MEXICO	1976	35	2	-	2	3	7	6	11	4	4	-
NICARAGUA	1977	-	-	-	-	-	-	-	-	-	-	-
PANAMA	1974	-	-	-	-	-	-	-	-	-	-	-
PARAGUAY (*)	1978	-	-	-	-	-	-	-	-	-	-	-
PERU	1978	3	-	-	-	-	-	1	1	-	1	-
PUERTO RICO	1977	2	-	-	-	-	-	1	-	-	-	-
ST. VINCENT	1979	-	-	-	-	-	-	-	-	-	-	-
SURINAME	1978	1	-	-	-	-	-	-	-	1	-	-
TRINIDAD AND TOBAGO	1977	-	-	-	-	-	-	-	-	-	-	-
UNITED STATES	1978	280	1	1	1	9	31	63	84	90	90	-
URUGUAY	1978	3	-	-	-	-	-	2	2	1	-	-
VENEZUELA	1978	5	-	-	-	-	-	2	1	2	-	-
FEMALE												
ARGENTINA	1978	3083	7	1	5	73	265	652	822	734	507	17
BAHAMAS	1979	14	-	-	1	1	3	5	1	2	1	-
BARBADOS	1978	30	-	-	-	-	2	5	6	7	9	-
BELIZE	1979	2	-	-	-	-	-	-	1	-	1	-
CANADA	1978	3280	-	-	-	50	202	645	882	760	740	1
CHILE	1979	530	-	-	-	12	45	122	122	140	89	-
COLOMBIA	1977	438	-	1	-	12	92	106	124	53	47	3
COSTA RICA	1979	45	-	-	-	6	6	11	11	10	8	-
CUBA	1978	588	-	-	2	15	61	143	132	128	107	-
DOMINICA	1978	3	-	-	-	-	1	1	-	-	-	1
DOMINICAN REPUBLIC	1978	44	-	-	-	2	5	12	6	6	11	2
ECUADOR	1978	112	-	-	-	2	19	32	23	23	12	1
EL SALVADOR	1974	9	-	-	-	1	1	4	2	2	-	-
GUATEMALA	1978	38	1	-	1	-	1	12	13	7	3	-
GUYANA	1977	16	-	-	-	1	4	6	1	-	4	-
HONDURAS	1978	8	-	-	-	-	1	2	-	4	1	-
JAMAICA	1971	110	-	-	-	2	9	32	28	19	20	-
MARTINIQUE	1975	19	-	-	-	-	3	2	4	5	4	-
MEXICO	1976	942	2	1	3	49	152	229	200	163	135	8
NICARAGUA	1977	3	-	-	-	-	-	2	-	1	-	-
PANAMA	1974	32	-	-	-	2	4	6	12	4	4	-
PARAGUAY (*)	1978	58	-	-	1	3	4	14	16	12	8	-
PERU	1978	245	-	-	-	12	49	82	51	25	21	5
PUERTO RICO	1977	128	-	-	-	2	18	31	31	23	23	-
ST. VINCENT	1979	4	-	-	-	-	-	2	1	-	1	-
SURINAME	1978	11	-	-	-	-	1	2	4	3	1	-
TRINIDAD AND TOBAGO	1977	52	-	-	-	7	8	6	12	9	10	-
UNITED STATES	1978	34329	3	-	25	560	2111	6094	9042	8361	8129	4
URUGUAY	1978	458	-	-	1	6	32	101	119	92	106	1
VENEZUELA	1978	354	-	-	1	24	52	89	83	68	37	-

(\*) AREA OF INFORMATION ONLY.



Table II-5b  
 CRUDE, AGE-ADJUSTED, AND AGE-SPECIFIC DEATH RATES PER 100,000 POPULATION FROM  
 MALIGNANT NEOPLASM OF THE BREAST (174), BY SEX AND COUNTRY

COUNTRY	YEAR	CRUDE RATE	AGE-ADJUSTED RATE	AGE IN YEARS									
				UNDER 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75 AND OVER	
BOTH SEXES													
ARGENTINA	1978	11.9	6.7	0.3	0.1	0.1	1.9	8.3	22.0	37.4	52.4	77.7	
BAHAMAS	1979	6.3	6.4	-	-	2.8	3.0	13.4	31.3	9.5	38.5	40.0	
BARBADOS	1978	11.3	6.5	-	-	-	3.0	8.9	21.1	29.1	38.0	116.6	
BELIZE	1979	1.3	1.2	-	-	-	-	-	-	12.5	-	50.0	
CANADA	1978	14.1	7.4	-	-	-	-	-	-	43.9	-	94.3	
CHILE	1979	5.0	3.8	-	-	-	0.7	3.7	13.4	20.2	35.7	47.6	
COLOMBIA	1977	1.8	2.1	-	0.0	-	0.4	4.0	6.8	12.9	10.6	20.0	
COSTA RICA	1979	2.3	2.4	-	-	-	-	3.0	8.3	12.7	18.8	36.6	
CUBA	1978	6.1	4.4	-	-	0.1	1.1	5.9	18.0	20.8	29.3	56.0	
DOMINICA	1978	3.7	3.0	-	-	-	-	16.7	17.2	-	-	-	
DOMINICAN REPUBLIC	1978	0.9	1.0	-	-	-	0.3	1.0	16.4	3.5	6.0	18.7	
ECUADOR	1978	1.4	1.6	-	-	-	0.2	2.7	6.6	7.1	13.5	14.5	
EL SALVADOR	1974	0.2	0.3	-	-	-	-	0.3	1.6	1.3	2.2	-	
GUATEMALA	1978	0.6	0.7	0.1	-	0.1	-	0.2	2.7	5.2	5.1	5.6	
GUYANA	1977	2.3	2.7	-	-	-	1.1	6.0	11.5	8.1	-	62.5	
HONDURAS	1978	0.3	0.3	-	-	-	-	0.7	1.0	8.1	5.9	5.8	
JAMAICA	1971	5.9	5.5	-	-	-	0.9	7.0	24.5	25.2	30.7	79.5	
MARTINIQUE	1975	5.9	4.2	-	-	-	-	9.4	8.0	20.0	41.7	66.7	
MEXICO	1976	1.6	1.8	0.0	0.0	0.0	0.6	2.8	6.5	9.6	12.5	19.3	
NICARAGUA	1977	0.1	0.2	-	-	-	-	1.0	1.3	16.5	10.7	19.1	
PANAMA	1974	2.0	2.0	-	-	-	-	1.6	5.4	21.6	29.3	30.8	
PARAGUAY (*)	1978	3.5	3.5	-	-	0.3	1.6	2.8	12.6	21.6	29.3	30.8	
PERU	1978	1.5	1.6	-	-	-	0.5	3.1	7.5	7.3	6.3	12.1	
PUERTO RICO	1977	3.9	2.8	-	-	-	0.4	5.3	11.6	14.8	16.3	26.7	
ST. VINCENT	1979	3.5	3.4	-	-	-	-	2.8	26.0	19.2	38.0	52.6	
SURINAME	1978	3.2	3.2	-	-	-	-	2.8	23.8	18.8	38.0	21.3	
TRINIDAD AND TOBAGO	1977	4.6	4.4	-	-	-	4.3	7.5	6.9	18.2	26.1	89.2	
UNITED STATES	1978	15.6	7.4	0.0	-	0.1	1.6	8.6	26.0	43.3	55.5	88.5	
URUGUAY	1978	16.1	7.8	-	-	0.2	1.6	8.7	29.0	45.4	51.3	105.6	
VENEZUELA	1978	2.7	3.1	-	-	0.0	1.3	4.5	10.5	15.6	24.3	31.4	
MALE													
ARGENTINA	1978	0.5	0.3	-	0.1	-	-	0.3	0.8	1.6	3.0	2.8	
BAHAMAS	1979	-	-	-	-	-	-	-	-	-	-	-	
BARBADOS	1978	-	-	-	-	-	-	-	-	-	-	-	
BELIZE	1979	-	-	-	-	-	-	-	-	-	-	-	
CANADA	1978	0.2	0.1	-	-	-	-	-	-	0.7	1.8	3.2	
CHILE	1979	0.2	0.2	-	-	-	-	-	-	1.7	1.1	4.1	
COLOMBIA	1977	0.1	0.1	-	-	-	-	0.1	0.3	0.4	0.8	0.9	
COSTA RICA	1979	0.4	0.4	-	-	-	-	-	-	2.2	-	8.9	
CUBA	1978	0.1	0.0	-	-	-	-	1.0	1.4	0.2	0.4	1.0	
DOMINICA	1978	-	-	-	-	-	-	-	-	-	-	-	
DOMINICAN REPUBLIC	1978	0.0	0.0	-	-	-	-	-	0.6	-	-	-	
ECUADOR	1978	-	-	-	-	-	-	-	-	-	-	-	
EL SALVADOR	1974	-	-	-	-	-	-	-	-	-	-	-	
GUATEMALA	1978	0.7	0.9	-	-	-	-	-	-	-	-	-	
GUYANA	1977	0.1	0.1	-	-	-	-	-	-	10.5	-	33.3	
HONDURAS	1978	0.1	0.1	-	-	-	-	0.7	-	-	-	-	
JAMAICA	1971	0.3	0.4	-	-	-	-	1.6	-	1.8	-	10.1	
MARTINIQUE	1975	-	-	-	-	-	-	-	-	-	-	-	
MEXICO	1976	0.1	0.1	0.0	-	-	0.0	0.1	0.4	0.6	1.7	1.2	
NICARAGUA	1977	-	-	-	-	-	-	-	-	-	-	-	
PANAMA	1974	-	-	-	-	-	-	-	-	-	-	-	
PARAGUAY (*)	1978	-	-	-	-	-	-	-	-	-	-	-	
PERU	1978	0.0	0.0	-	-	-	-	-	-	0.2	0.3	1.2	
PUERTO RICO	1977	0.1	0.1	-	-	-	-	-	-	0.7	0.9	-	
ST. VINCENT	1979	-	-	-	-	-	-	-	-	-	-	-	
SURINAME	1978	0.5	0.4	-	-	-	-	-	-	-	19.0	-	
TRINIDAD AND TOBAGO	1977	-	-	-	-	-	-	-	-	-	-	-	
UNITED STATES	1978	0.3	0.1	0.0	-	0.0	0.0	0.1	0.3	0.6	1.3	2.7	
URUGUAY	1978	0.2	0.1	-	-	-	-	-	-	1.5	-	2.6	
VENEZUELA	1978	0.1	0.1	-	-	-	-	-	0.5	0.4	1.5	-	
FEMALE													
ARGENTINA	1978	23.3	12.6	0.5	0.0	0.2	3.9	16.4	43.1	71.0	96.1	133.4	
BAHAMAS	1979	12.4	12.3	-	-	5.4	6.1	26.8	61.0	18.2	66.7	62.5	
BARBADOS	1978	21.6	11.6	-	-	-	5.6	16.5	36.6	58.4	69.6	174.4	
BELIZE	1979	2.5	2.3	-	-	-	-	-	-	25.0	-	100.0	
CANADA	1978	27.8	13.9	-	-	-	2.6	15.2	51.0	83.5	104.8	152.6	
CHILE	1979	9.6	6.9	-	-	-	1.4	7.2	25.8	36.5	62.9	74.2	
COLOMBIA	1977	3.4	3.9	-	0.0	-	0.7	7.7	13.1	25.0	19.7	35.4	
COSTA RICA	1979	4.2	4.2	-	-	-	-	5.0	15.1	22.9	36.2	60.1	
CUBA	1978	12.4	9.1	-	-	0.3	2.2	11.8	36.3	43.0	65.0	111.5	
DOMINICA	1978	7.0	5.4	-	-	-	-	29.4	31.3	-	-	-	
DOMINICAN REPUBLIC	1978	1.7	2.0	-	-	-	0.7	2.1	8.7	7.6	12.4	35.6	
ECUADOR	1978	2.9	3.1	-	-	-	0.4	5.5	13.0	14.0	25.9	25.8	
EL SALVADOR	1974	0.5	0.5	-	-	-	-	0.6	3.2	2.4	4.0	-	
GUATEMALA	1978	1.1	1.3	0.2	-	0.2	-	0.3	5.4	10.2	10.1	10.3	
GUYANA	1977	3.9	4.4	-	-	-	2.1	11.4	23.1	5.6	-	89.0	
HONDURAS	1978	0.5	0.6	-	-	-	-	0.7	2.0	-	11.4	7.1	
JAMAICA	1971	11.4	9.7	-	-	-	1.8	11.1	45.3	47.5	57.1	121.2	
MARTINIQUE	1975	11.5	7.5	-	-	-	-	17.6	15.4	36.4	71.4	100.0	
MEXICO	1976	3.1	3.5	0.0	0.0	0.1	1.2	5.6	12.4	18.1	22.3	34.5	
NICARAGUA	1977	0.3	0.3	-	-	-	-	-	2.9	-	4.3	-	
PANAMA	1974	4.1	4.3	-	-	-	-	-	-	-	-	-	
PARAGUAY (*)	1978	7.0	6.7	-	-	0.6	2.0	5.5	24.6	42.1	54.5	50.0	
PERU	1978	2.9	3.1	-	-	-	1.1	6.3	14.7	14.2	12.2	21.2	
PUERTO RICO	1977	7.6	5.4	-	-	-	0.8	10.1	21.7	28.7	31.9	50.0	
ST. VINCENT	1979	6.7	5.8	-	-	-	-	-	46.5	31.3	56.9	76.9	
SURINAME	1978	9.3	8.8	-	-	-	-	5.7	17.8	46.0	38.0	38.0	
TRINIDAD AND TOBAGO	1977	9.3	8.8	-	-	-	9.0	14.6	16.1	36.0	52.7	131.0	
UNITED STATES	1978	30.1	13.5	0.0	-	0.1	3.2	16.6	50.1	81.6	97.2	137.0	
URUGUAY	1978	31.4	14.8	-	-	0.4	3.2	17.1	57.2	86.7	96.2	170.4	
VENEZUELA	1978	5.4	6.0	-	-	0.1	2.6	9.0	21.0	31.0	45.0	54.4	

(\*) AREA OF INFORMATION ONLY.

Table II-5a  
NUMBER OF DEATHS FROM MALIGNANT NEOPLASM OF THE CERVIX UTERI (180), BY AGE AND COUNTRY

COUNTRY	YEAR	ALL AGES	AGE IN YEARS									UN- KNOWN
			UNDER 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75 AND OVER	
FEMALE												
ARGENTINA	1978	664	4	-	10	51	129	163	126	121	56	4
BAHAMAS	1978	20	-	-	-	2	1	3	3	2	1	-
BARBADOS	1978	2	-	-	-	-	-	-	-	-	-	-
BELIZE	1979	2	-	-	-	-	-	-	-	-	-	-
CANADA	1978	513	-	2	28	52	94	126	108	103	-	
CHILE	1979	685	-	2	50	116	175	148	125	67	-	
COLOMBIA	1977	760	1	-	4	41	140	193	162	142	2	
COSTA RICA	1979	75	-	-	-	3	6	16	22	12	-	
CUBA	1978	204	-	-	1	11	33	36	47	48	1	
DOMINICA	1978	5	-	-	-	-	-	2	2	-	-	
DOMINICAN REPUBLIC	1978	46	-	-	-	6	11	11	6	6	1	
ECUADOR	1978	154	-	-	1	6	18	36	35	17	1	
EL SALVADOR	1974	54	-	-	-	1	11	15	11	6	-	
GUATEMALA	1978	117	-	-	3	9	15	34	25	22	-	
GUYANA	1977	34	-	-	-	-	5	8	10	6	-	
HONDURAS	1978	3	-	-	-	-	-	-	-	-	-	
JAMAICA	1971	122	-	-	-	1	5	19	33	26	1	
MARTINIQUE	1975	7	-	-	-	-	-	-	-	2	2	
MEXICO	1976	2107	-	1	10	116	386	532	434	344	16	
NICARAGUA	1977	-	-	-	-	-	-	-	-	-	-	
PANAMA	1974	40	-	-	-	-	4	7	12	8	-	
PARAGUAY (*)	1978	71	-	-	-	-	7	11	25	13	-	
PERU	1978	321	-	-	-	-	7	11	25	13	-	
PUERTO RICO	1977	51	-	-	2	25	46	78	72	70	6	
ST. VINCENT	1979	3	-	-	-	1	-	1	1	-	-	
SURINAME	1978	17	-	-	-	-	-	-	-	-	-	
TRINIDAD AND TOBAGO	1977	57	-	-	3	2	2	6	3	4	-	
UNITED STATES	1978	5099	-	-	25	245	568	980	1189	1064	1026	
URUGUAY	1978	96	-	-	-	4	15	33	18	16	10	
VENEZUELA	1978	399	-	-	2	29	78	94	91	60	45	

(\*) AREA OF INFORMATION ONLY.

Table II-5b  
CRUDE, AGE-ADJUSTED, AND AGE-SPECIFIC DEATH RATES PER 100,000 POPULATION FROM MALIGNANT NEOPLASM OF THE CERVIX UTERI (180), BY COUNTRY

COUNTRY	YEAR	CRUDE RATE	AGE- ADJUSTED RATE	UNDER 5	AGE IN YEARS								
					5-14	15-24	25-34	35-44	45-54	55-64	65-74	75 AND OVER	
FEMALE													
ARGENTINA	1978	5.0	3.2	0.3	-	0.4	2.8	8.0	10.8	10.9	15.8	14.7	
BAHAMAS	1979	9.7	9.3	-	-	-	8.9	36.6	54.5	66.7	62.5	-	
BARBADOS	1978	14.4	7.0	-	-	-	-	16.5	7.3	38.9	59.6	135.7	
BELIZE	1979	2.5	2.3	-	-	-	-	-	-	25.0	100.0	-	
CANADA	1978	4.3	2.3	-	-	0.1	1.5	3.9	7.6	11.9	14.9	21.2	
CHILE	1979	12.4	6.5	-	-	0.2	6.0	18.6	37.0	44.3	56.1	55.9	
COLOMBIA	1977	6.0	6.8	0.1	-	0.1	2.5	11.7	23.8	32.7	52.9	56.5	
COSTA RICA	1979	7.0	7.1	-	-	-	3.8	9.0	22.0	45.7	43.4	75.2	
CUBA	1978	4.3	3.2	-	-	0.1	1.6	6.4	9.1	15.3	24.4	28.1	
DOMINICA	1978	11.7	9.3	-	-	-	-	-	62.5	80.0	83.3	-	
DOMINICAN REPUBLIC	1978	1.8	3.2	-	-	-	2.0	4.6	14.7	7.6	12.4	16.2	
ECUADOR	1978	3.5	3.8	-	-	0.1	1.2	5.2	14.7	21.2	19.1	49.5	
EL SALVADOR	1974	2.8	3.0	-	-	0.5	1.3	8.7	8.7	13.4	12.1	27.3	
GUATEMALA	1978	3.5	4.0	-	-	0.5	2.1	4.9	15.4	19.7	31.9	31.0	
GUYANA	1977	8.5	8.6	-	-	-	-	14.3	30.8	55.6	54.5	80.0	
HONDURAS	1978	0.2	0.2	-	-	-	-	-	1.0	1.5	-	-	
JAMAICA	1971	12.6	11.1	-	-	-	4.4	23.3	46.7	44.1	66.1	90.9	
MARTINIQUE	1975	4.2	2.8	-	-	-	-	-	15.4	9.1	42.9	25.0	
MEXICO	1976	6.8	7.8	-	0.0	0.2	2.9	14.2	28.8	39.2	47.2	68.5	
NICARAGUA	1977	-	-	-	-	-	-	-	-	-	-	-	
PANAMA	1974	5.1	5.4	-	-	-	3.9	9.7	23.0	23.6	32.4	27.5	
PARAGUAY (*)	1978	8.6	8.8	-	-	-	7.2	15.1	43.9	34.2	40.9	37.5	
PERU	1978	3.8	3.9	-	-	0.1	2.2	5.9	14.0	20.0	34.1	22.2	
PUERTO RICO	1977	3.0	2.2	-	-	-	0.8	4.5	8.4	10.2	16.7	13.0	
ST. VINCENT	1979	5.0	4.7	-	-	-	-	-	-	-	-	-	
SURINAME	1978	9.1	9.6	-	-	-	14.9	8.2	33.3	39.0	75.9	76.9	
TRINIDAD AND TOBAGO	1977	10.4	9.0	-	-	2.5	2.6	14.6	25.3	34.5	58.5	78.6	
UNITED STATES	1978	4.5	2.3	-	-	0.1	1.4	4.5	8.1	10.7	12.4	17.3	
URUGUAY	1978	6.6	3.7	-	-	-	2.1	8.0	18.7	13.1	16.7	16.1	
VENEZUELA	1978	6.1	6.8	-	-	0.1	3.1	13.5	22.2	34.0	39.7	66.2	

(\*) AREA OF INFORMATION ONLY.

TABLE II-5a  
NUMBER OF DEATHS FROM OTHER MALIGNANT NEOPLASM OF THE UTERUS (181, 182),  
BY AGE AND COUNTRY

C O U N T R Y	YEAR	ALL AGES	AGE IN YEARS										UN- KNOWN
			UNDER 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75 AND OVER		
FEMALE													
ARGENTINA	1978	1192	3	1	1	44	128	196	272	319	226	2	
BAHAMAS	1979	5	-	-	-	-	-	-	-	-	3	-	
BARBADOS	1978	8	-	-	-	-	-	2	2	3	1	-	
BELIZE	1979	2	-	-	-	-	-	-	-	-	1	-	
CANADA	1978	513	-	-	-	1	5	29	114	171	192	1	
CHILE	1979	151	1	-	2	1	10	20	35	46	36	-	
COLOMBIA	1977	522	-	-	4	28	74	108	124	97	84	3	
COSTA RICA	1979	22	-	-	1	2	1	5	5	6	3	-	
CUBA	1978	375	-	-	1	10	40	56	77	97	94	-	
DOMINICA	1978	6	-	-	1	-	-	-	-	-	-	-	
DOMINICAN REPUBLIC	1978	1	-	-	6	6	10	7	13	10	8	-	
ECUADOR	1978	280	-	-	3	14	39	54	56	60	51	3	
EL SALVADOR	1974	16	-	-	1	1	1	1	3	2	2	1	
GUATEMALA	1978	73	-	-	-	-	18	22	12	9	8	-	
GUYANA	1977	11	-	-	-	-	4	4	2	2	-	-	
HONDURAS	1978	20	-	-	-	3	3	3	6	2	-	1	
JAMAICA	1971	40	-	-	1	3	1	6	11	8	10	-	
MARTINIQUE	1975	20	-	-	-	1	-	-	4	4	4	-	
MEXICO	1976	1098	-	-	17	38	155	234	211	232	200	11	
NICARAGUA	1977	5	-	-	-	-	2	2	1	9	2	-	
PANAMA	1974	17	-	-	-	1	2	2	1	9	2	-	
PARAGUAY (*)	1978	90	-	-	1	5	16	18	21	14	14	1	
PERU	1978	399	-	-	6	19	61	91	96	55	58	13	
PUERTO RICO	1977	80	-	-	-	-	6	7	16	26	24	-	
ST. VINCENT	1979	3	-	-	-	1	-	1	-	-	-	-	
SURINAME	1978	10	-	-	1	-	5	2	1	1	1	-	
TRINIDAD AND TOBAGO	1977	29	-	-	-	1	2	4	10	5	7	-	
UNITED STATES	1978	5773	-	1	5	37	134	438	1303	1926	1929	-	
URUGUAY	1978	143	-	-	-	4	10	28	37	30	33	-	
VENEZUELA	1978	452	-	-	7	26	64	96	102	84	72	1	

(\*) AREA OF INFORMATION ONLY.

Table II-5b  
CRUDE, AGE-ADJUSTED, AND AGE-SPECIFIC DEATH RATES PER 100,000 POPULATION FROM  
OTHER MALIGNANT NEOPLASM OF THE UTERUS (181, 182), BY COUNTRY

C O U N T R Y	YEAR	CRUDE RATE	AGE- ADJUSTED RATE	AGE IN YEARS										75 AND OVER
				UNDER 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74			
FEMALE														
ARGENTINA	1978	9.0	4.9	0.2	0.0	0.0	2.4	7.9	13.0	23.5	41.8	59.5		
BAHAMAS	1979	4.4	3.5	-	-	-	-	-	-	36.4	187.5	-		
BARBADOS	1978	5.8	2.9	-	-	-	-	-	14.6	19.5	29.8	19.4		
BELIZE	1979	2.5	2.7	-	-	-	-	-	-	-	-	100.0		
CANADA	1978	4.3	1.7	-	-	-	0.1	0.4	2.3	10.8	23.6	39.6		
CHILE	1979	2.7	1.9	0.2	-	0.2	0.1	1.6	4.2	10.5	20.7	30.0		
COLOMBIA	1977	4.1	4.6	-	-	0.1	1.7	6.2	13.3	25.0	36.1	63.3		
COSTA RICA	1979	2.0	2.0	-	-	-	1.3	1.0	6.9	16.4	21.7	22.5		
CUBA	1978	7.9	5.5	-	-	0.1	1.4	7.8	14.2	25.1	49.2	97.9		
DOMINICA	1978	2.3	3.1	-	-	-	-	29.4	-	-	-	-		
DOMINICAN REPUBLIC	1978	2.4	2.5	-	-	0.2	2.0	2.5	7.3	8.8	26.9	32.4		
ECUADOR	1978	7.1	7.7	-	-	0.4	2.8	11.2	22.0	34.0	67.4	109.7		
EL SALVADOR	1974	0.8	0.8	-	-	0.3	0.4	2.9	10.8	3.7	4.0	9.1		
GUATEMALA	1978	2.2	2.5	-	-	-	0.9	5.8	10.0	9.4	13.0	27.6		
GUYANA	1977	1.7	3.0	-	-	-	-	8.6	15.4	11.1	18.2	-		
HONDURAS	1978	1.2	1.3	-	-	-	1.4	3.4	2.9	9.0	5.7	-		
JAMAICA	1971	4.1	3.4	-	-	0.6	2.6	1.2	8.5	18.6	24.0	60.6		
MARTINIQUE	1975	12.1	8.9	-	-	-	5.6	-	53.8	36.4	57.1	100.0		
MEXICO	1976	3.6	3.9	-	-	0.3	1.0	5.7	12.7	19.1	31.8	51.1		
NICARAGUA	1977	0.4	0.5	-	-	-	-	1.8	4.4	-	-	-		
PANAMA	1974	2.2	2.2	-	-	-	1.0	2.8	3.8	3.0	48.6	18.3		
PARAGUAY (*)	1978	10.9	10.5	-	-	0.6	5.2	21.9	31.6	55.3	63.6	87.5		
PERU	1978	4.8	4.9	-	-	0.4	1.7	7.8	16.3	26.7	26.8	58.6		
PUERTO RICO	1977	4.7	2.9	-	-	-	0.4	3.4	4.9	14.8	36.1	52.6		
ST. VINCENT	1979	5.0	4.7	-	-	-	14.9	-	23.3	-	-	76.9		
SURINAME	1978	5.3	5.8	-	-	3.1	-	28.4	17.8	11.5	19.0	-		
TRINIDAD AND TOBAGO	1977	5.3	4.4	-	-	-	1.3	3.7	9.4	30.0	29.3	91.7		
UNITED STATES	1978	5.1	1.9	-	0.0	0.0	0.2	1.1	3.6	11.8	22.4	32.5		
URUGUAY	1978	9.8	4.7	-	-	0.4	2.1	5.3	15.8	27.0	31.4	53.1		
VENEZUELA	1978	6.9	7.6	-	-	-	0.5	2.8	11.1	22.6	38.1	105.9		

(\*) AREA OF INFORMATION ONLY.

Table II-5a  
NUMBER OF DEATHS FROM MALIGNANT NEOPLASM OF THE PROSTATE (185), BY AGE AND COUNTRY

COUNTRY	YEAR	ALL AGES	AGE IN YEARS									UN-KNOWN
			UNDER 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75 AND OVER	
MALE												
ARGENTINA	1978	1729	--	--	--	1	2	40	211	641	829	5
BAHAMAS	1979	10	--	--	--	--	--	--	2	1	1	--
BARBADOS	1978	27	--	--	--	--	--	--	4	12	11	--
BELIZE	1979	--	--	--	--	--	--	--	--	--	--	--
CANADA	1978	1963	--	--	--	--	3	21	170	601	1166	2
CHILE	1979	389	--	--	--	--	10	41	136	200	--	--
COLOMBIA	1977	391	--	--	--	--	13	62	134	174	3	--
COSTA RICA	1979	57	--	--	--	--	--	5	14	38	--	--
CUBA	1978	705	--	--	1	--	2	10	45	244	402	1
DOMINICA	1978	6	--	--	--	--	--	--	--	3	1	--
DOMINICAN REPUBLIC	1978	73	--	--	1	--	--	2	10	22	36	1
ECUADOR	1978	123	--	--	1	1	1	3	8	43	64	1
EL SALVADOR	1974	12	--	--	--	--	--	--	1	4	6	--
GUATEMALA	1978	42	--	--	1	--	--	--	6	15	20	--
GUYANA	1977	18	--	--	--	--	--	--	3	6	9	--
HONDURAS	1978	3	--	--	--	--	1	--	--	1	1	--
JAMAICA	1971	91	--	--	--	--	--	1	17	40	3	--
MARTINIQUE	1975	32	--	--	--	--	--	--	1	11	20	--
MEXICO	1976	937	--	--	5	3	10	23	108	311	472	5
NICARAGUA	1977	1	--	--	--	--	--	1	--	--	--	--
PANAMA	1974	41	--	--	--	--	--	--	3	8	30	--
PARAGUAY (*)	1978	35	--	--	--	--	1	1	18	17	100	1
PERU	1978	184	--	--	--	--	1	7	24	57	136	1
PUERTO RICO	1977	224	--	--	--	--	--	--	7	24	57	136
ST. VINCENT	1979	1	--	--	--	--	--	--	--	1	--	--
SURINAME	1978	11	--	--	--	--	--	--	2	4	5	--
TRINIDAD AND TOBAGO	1977	57	--	--	--	--	--	1	8	20	28	--
UNITED STATES	1978	2167	--	1	4	4	12	301	2201	6844	12298	7
URUGUAY	1978	228	--	--	--	--	1	5	39	109	171	2
VENEZUELA	1978	304	--	--	--	--	3	12	43	114	132	--

(\*) AREA OF INFORMATION ONLY.

Table II-5b  
CRUDE, AGE-ADJUSTED, AND AGE-SPECIFIC DEATH RATES PER 100,000 POPULATION FROM MALIGNANT NEOPLASM OF THE PROSTATE (185), BY COUNTRY

COUNTRY	YEAR	CRUDE RATE	AGE-ADJUSTED RATE	UNDER 5	AGE IN YEARS								
					5-14	15-24	25-34	35-44	45-54	55-64	65-74	75 AND OVER	
MALE													
ARGENTINA	1978	13.1	6.7	--	--	--	0.1	0.1	2.7	19.4	95.0	292.9	
BAHAMAS	1979	9.0	10.5	--	--	--	--	--	--	40.0	318.2	111.1	
BARBADOS	1978	21.3	10.1	--	--	--	--	--	--	38.6	143.7	429.7	
BELIZE	1979	--	--	--	--	--	--	--	--	--	--	--	
CANADA	1978	16.8	7.6	--	--	--	--	0.2	1.7	17.6	97.7	376.1	
CHILE	1979	7.2	5.8	--	--	--	--	--	2.2	13.9	77.7	272.8	
COLOMBIA	1977	9.2	3.9	--	--	--	0.1	0.3	1.7	12.9	53.3	162.9	
COSTA RICA	1979	5.2	5.7	--	--	--	--	--	--	10.9	54.7	337.5	
CUBA	1978	14.2	8.0	--	0.1	--	--	0.4	2.5	13.6	100.4	414.4	
DOMINICA	1978	15.6	7.7	--	--	--	--	--	--	--	250.0	166.7	
DOMINICAN REPUBLIC	1978	2.9	3.1	--	0.2	--	--	--	1.3	10.6	42.8	129.5	
ECUADOR	1978	3.1	3.7	--	0.1	0.2	0.3	1.2	5.0	52.5	175.8		
EL SALVADOR	1974	0.6	0.8	--	--	--	--	0.6	--	1.3	6.7	35.5	
GUATEMALA	1978	1.2	1.7	--	0.1	--	--	--	--	4.8	22.4	80.0	
GUYANA	1977	4.5	5.8	--	--	--	--	--	--	15.8	66.7	300.0	
HONDURAS	1978	0.2	0.2	--	--	--	--	0.7	--	--	3.0	8.3	
JAMAICA	1971	9.7	8.7	--	--	--	--	--	1.7	30.3	139.9	333.3	
MARTINIQUE	1975	20.6	17.3	--	--	--	--	--	--	11.1	220.0	1000.0	
MEXICO	1976	3.0	3.4	--	0.1	0.1	0.4	1.3	10.4	46.7	142.9		
NICARAGUA	1977	0.1	0.1	--	--	--	--	--	1.6	--	--	--	
PANAMA	1974	5.1	4.8	--	--	--	--	--	--	7.7	42.1	298.0	
PARAGUAY (*)	1978	4.2	4.1	--	--	--	--	1.4	1.9	2.8	57.9	200.0	
PERU	1978	2.2	2.5	--	--	--	--	0.1	1.3	5.2	29.8	121.1	
PUERTO RICO	1977	11.8	7.3	--	--	--	--	--	5.2	22.2	82.6	340.0	
ST. VINCENT	1979	1.9	2.3	--	--	--	--	--	--	--	100.0	--	
SURINAME	1978	5.9	5.7	--	--	--	--	--	--	24.6	75.9	241.5	
TRINIDAD AND TOBAGO	1977	10.0	13.1	--	--	--	--	--	2.2	24.4	115.2	784.1	
UNITED STATES	1978	20.1	7.9	0.7	0.0	0.0	0.0	0.1	2.6	42.1	103.6	367.1	
URUGUAY	1978	25.1	9.9	--	--	--	--	0.6	2.9	16.1	130.1	437.3	
VENEZUELA	1978	4.6	6.0	--	--	--	--	0.5	2.7	16.0	83.2	264.0	

(\*) AREA OF INFORMATION ONLY.

Table II-5a  
 NUMBER OF DEATHS FROM LEUKEMIA AND OTHER NEOPLASMS OF LYMPHATIC AND  
 HEMATOPOIETIC TISSUE (200-209), BY AGE, SEX, AND COUNTRY

C O U N T R Y	Y E A R	A L L A G E S	A G E I N Y E A R S									U N - K N O W N
			U N D E R 5	5 - 1 4	1 5 - 2 4	2 5 - 3 4	3 5 - 4 4	4 5 - 5 4	5 5 - 6 4	6 5 - 7 4	7 5 A N D O V E R	
B O T H S E X E S												
ARGENTINA	1978	2424	103	137	160	147	167	302	463	563	367	15
BAHAMAS	1979	13	2	-	-	-	2	2	3	1	-	-
BARBADOS	1978	22	1	1	1	-	3	3	3	8	4	-
BELIZE	1979	-	-	-	-	-	-	-	-	-	-	-
CANADA	1978	3428	47	194	125	142	148	363	601	890	998	1
CHILE	1979	705	58	93	85	42	50	81	114	96	82	1
COLUMBIA	1977	1079	107	189	176	103	93	104	122	116	66	3
COSTA RICA	1979	159	14	27	18	11	6	14	23	31	14	1
CUBA	1978	869	41	71	61	63	65	89	156	194	129	-
DOMINICA	1978	-	-	-	-	-	-	-	-	-	-	-
DOMINICAN REPUBLIC	1978	97	12	11	12	11	9	13	14	11	3	1
ECUADOR	1978	230	20	42	43	22	18	15	35	22	13	-
EL SALVADOR	1974	72	4	17	9	6	6	9	11	8	2	-
GUATEMALA	1978	94	13	17	17	10	6	8	8	10	5	-
GUYANA	1977	25	2	4	2	3	1	3	3	2	3	-
HONDURAS	1978	51	3	10	10	7	1	7	3	3	3	-
JAMAICA	1971	134	6	11	10	17	13	20	28	25	7	1
MARTINIQUE	1975	10	-	1	-	-	-	2	2	3	1	-
MEXICO	1976	1998	246	434	253	155	148	171	181	238	158	14
NICARAGUA	1977	41	7	5	4	7	5	9	3	3	1	-
PANAMA	1974	64	8	8	14	10	3	10	3	16	14	-
PARAGUAY (*)	1978	86	8	8	14	10	3	10	3	16	14	-
PERU	1978	524	45	77	57	41	49	64	65	72	42	12
PUERTO RICO	1977	298	12	24	19	10	22	30	50	65	66	-
ST. VINCENT	1979	6	-	1	-	-	-	2	1	1	1	-
SURINAME	1978	10	3	9	10	7	5	11	7	10	6	-
TRINIDAD AND TOBAGO	1977	68	3	9	10	7	5	11	7	10	6	-
UNITED STATES	1978	37069	299	850	1139	1324	1521	3206	6731	10098	11897	4
URUGUAY	1978	348	12	13	14	15	33	47	63	88	62	1
VENEZUELA	1978	729	83	115	98	57	62	80	93	91	49	1
M A L E												
ARGENTINA	1978	1387	51	79	102	84	96	183	276	318	187	11
BAHAMAS	1979	5	2	-	-	-	-	1	1	1	-	-
BARBADOS	1978	10	1	1	1	-	-	-	-	5	1	-
BELIZE	1979	-	-	-	-	-	-	-	-	-	-	-
CANADA	1978	1919	24	70	85	90	87	210	351	503	498	1
CHILE	1979	360	33	44	54	25	41	61	51	42	41	-
COLUMBIA	1977	615	50	124	102	61	58	61	64	60	37	2
COSTA RICA	1979	93	8	12	8	8	3	7	11	22	7	-
CUBA	1978	543	24	51	34	45	45	50	89	125	80	-
DOMINICA	1978	1	-	-	-	-	-	-	-	-	-	-
DOMINICAN REPUBLIC	1978	60	4	3	7	6	8	9	10	9	3	1
ECUADOR	1978	138	12	27	23	13	11	6	14	11	11	-
EL SALVADOR	1974	72	3	7	7	5	5	6	7	7	2	-
GUATEMALA	1978	53	5	9	10	5	1	6	8	7	2	-
GUYANA	1977	14	1	2	5	1	1	2	-	1	1	-
HONDURAS	1978	27	3	10	5	4	1	15	13	13	3	1
JAMAICA	1971	73	5	6	5	4	-	1	2	2	3	-
MARTINIQUE	1975	6	-	-	-	-	-	-	-	-	-	-
MEXICO	1976	1119	140	262	146	85	87	86	93	123	90	7
NICARAGUA	1977	20	3	4	3	5	2	2	1	2	-	-
PANAMA	1974	45	6	6	4	3	5	4	7	4	6	-
PARAGUAY (*)	1978	48	4	4	9	7	3	7	2	12	21	-
PERU	1978	280	19	41	33	20	32	35	30	43	21	6
PUERTO RICO	1977	173	5	13	8	7	12	20	29	39	40	-
ST. VINCENT	1979	5	-	-	-	-	-	2	1	1	1	-
SURINAME	1978	47	3	6	6	5	4	7	6	7	3	-
TRINIDAD AND TOBAGO	1977	43	3	7	6	7	5	7	7	7	3	-
UNITED STATES	1978	20143	171	512	746	806	907	1852	3870	5592	5684	3
URUGUAY	1978	178	6	6	7	7	17	26	36	46	25	-
VENEZUELA	1978	422	58	59	66	34	32	51	44	51	27	-
F E M A L E												
ARGENTINA	1978	1037	52	58	58	63	71	119	187	245	180	4
BAHAMAS	1979	8	-	-	-	-	1	3	2	3	3	-
BARBADOS	1978	12	-	-	-	-	-	-	-	-	-	-
BELIZE	1979	-	-	-	-	-	-	-	-	-	-	-
CANADA	1978	1505	23	34	40	55	61	153	250	389	500	1
CHILE	1979	345	25	49	31	17	21	40	63	57	41	1
COLUMBIA	1977	460	57	65	74	42	35	43	58	56	29	1
COSTA RICA	1979	66	6	13	6	5	3	7	12	9	7	-
CUBA	1978	326	17	20	27	18	20	39	67	69	49	-
DOMINICA	1978	2	-	1	1	-	-	-	4	-	-	-
DOMINICAN REPUBLIC	1978	37	8	8	5	5	7	4	4	2	2	-
ECUADOR	1978	102	8	15	20	9	5	7	21	11	6	-
EL SALVADOR	1974	38	1	10	7	2	2	7	5	7	2	-
GUATEMALA	1978	41	8	8	7	5	5	2	3	3	3	-
GUYANA	1977	11	1	2	2	3	1	1	1	1	-	-
HONDURAS	1978	24	1	7	5	3	9	5	15	12	3	-
JAMAICA	1971	61	1	7	5	3	-	9	5	12	4	-
MARTINIQUE	1975	4	-	1	-	-	-	-	-	-	-	-
MEXICO	1976	877	106	172	106	70	61	85	88	115	67	7
NICARAGUA	1977	21	4	3	4	2	1	3	2	1	1	-
PANAMA	1974	19	1	3	5	3	2	7	2	4	4	-
PARAGUAY (*)	1978	38	4	5	5	3	2	7	1	4	9	-
PERU	1978	244	26	36	24	17	29	35	29	29	21	6
PUERTO RICO	1977	125	7	11	11	23	10	10	21	26	26	-
ST. VINCENT	1979	1	-	-	-	-	-	-	1	-	-	-
SURINAME	1978	7	3	1	1	2	1	4	3	3	1	-
TRINIDAD AND TOBAGO	1977	21	1	4	4	1	1	4	3	4	3	-
UNITED STATES	1978	16926	128	338	393	518	614	1354	2861	4506	6213	1
URUGUAY	1978	170	6	6	7	6	16	21	27	42	37	-
VENEZUELA	1978	307	25	56	32	23	30	29	49	40	22	1

(\*) AREA OF INFORMATION ONLY.



Table II-5b  
CRUDE, AGE-ADJUSTED, AND AGE-SPECIFIC DEATH RATES PER 100,000 POPULATION FROM LEUKEMIA AND  
OTHER NEOPLASMS OF LYMPHATIC AND HEMATOPOIETIC TISSUE (200-209), BY SEX AND COUNTRY

COUNTRY	YEAR	CRUDE RATE	AGE-ADJUSTED RATE	AGE IN YEARS									
				UNDER 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75 AND OVER	
BOTH SEXES													
ARGENTINA	1978	9.2	6.3	3.7	2.8	3.5	3.9	5.1	10.0	20.6	39.1	55.4	
BAHAMAS	1979	2.8	5.2	2.8	1.7	1.8	-	13.4	12.5	19.0	57.7	40.0	
BARBADOS	1978	8.3	5.2	4.2	1.7	1.8	-	4.5	12.7	14.5	43.5	51.8	
BELIZE	1979	-	-	-	-	-	-	-	-	-	-	-	
CANADA	1978	14.6	8.2	2.7	2.6	2.7	3.8	5.5	14.6	29.1	66.6	125.5	
CHILE	1979	6.5	5.8	4.8	3.9	3.7	2.5	4.1	8.8	18.1	24.9	42.4	
COLOMBIA	1977	4.3	4.5	4.7	2.6	3.4	3.3	4.0	6.6	12.5	22.3	27.5	
COSTA RICA	1979	7.3	7.3	5.0	5.0	3.6	3.4	3.0	9.6	24.4	58.2	57.0	
CUBA	1978	9.0	7.1	3.7	2.9	3.8	4.5	6.2	11.2	24.5	44.1	66.8	
DOMINICA	1978	3.7	3.4	3.9	7.4	1.9	1.8	4.4	21.7	11.0	5.1	-	
DOMINICAN REPUBLIC	1978	1.9	2.1	1.5	1.9	2.8	2.2	2.6	3.1	10.8	12.9	15.7	
ECUADOR	1978	2.9	3.0	1.5	1.9	1.9	1.9	1.8	3.4	6.9	8.8	5.1	
EL SALVADOR	1974	1.9	1.9	0.6	1.6	1.2	1.2	1.7	3.6	6.9	8.8	5.1	
GUATEMALA	1978	1.4	1.5	1.1	0.9	1.3	1.1	1.0	1.8	3.2	7.4	9.3	
GUYANA	1977	3.1	3.1	1.7	1.7	3.9	4.3	1.5	5.8	2.7	10.0	12.5	
HONDURAS	1978	1.5	1.6	0.4	1.0	1.5	2.6	0.3	3.4	2.3	4.4	3.1	
JAMAICA	1971	7.1	6.5	2.0	3.1	2.8	5.2	9.1	15.3	24.3	40.4	25.5	
MARTINIQUE	1975	3.1	2.6	-	-	-	-	-	8.0	10.0	25.0	16.7	
MEXICO	1976	3.2	3.3	2.2	2.5	2.1	1.9	2.7	4.7	8.4	17.1	21.9	
NICARAGUA	1977	1.8	1.9	1.7	1.0	1.6	2.6	0.5	3.8	3.7	6.9	3.8	
PANAMA	1974	4.1	4.0	2.7	2.1	4.7	2.0	4.7	4.5	12.4	21.3	41.6	
PARAGUAY (*)	1978	3.2	5.1	1.7	1.7	4.5	5.3	2.1	9.0	4.1	39.0	53.8	
PERU	1978	3.1	3.2	1.8	1.7	1.7	1.8	3.1	5.8	9.2	18.2	23.1	
PUERTO RICO	1977	9.0	6.6	3.2	3.1	2.8	2.2	6.5	10.8	23.1	46.1	76.7	
ST. VINCENT	1979	5.3	4.5	-	-	-	-	-	26.0	38.5	34.5	-	
SURINAME	1978	2.7	2.8	5.1	0.9	1.6	4.3	4.7	4.4	5.9	29.0	21.3	
TRINIDAD AND TOBAGO	1977	6.1	5.7	2.4	2.4	4.3	4.3	4.7	15.6	32.0	66.4	123.1	
UNITED STATES	1978	16.7	11.9	2.6	2.7	2.7	3.8	6.1	13.5	23.6	49.1	61.2	
URUGUAY	1978	12.2	7.4	4.4	2.6	3.1	4.0	9.0	13.5	23.6	49.1	61.2	
VENEZUELA	1978	5.6	5.8	3.9	3.3	3.5	3.2	5.4	9.2	17.3	31.6	41.5	
MALE													
ARGENTINA	1978	10.5	7.4	3.6	3.2	4.4	4.4	5.9	12.2	25.4	47.1	66.1	
BAHAMAS	1979	7.2	7.4	11.4	-	-	-	-	17.9	40.7	44.5	44.5	
BARBADOS	1978	7.9	5.3	8.5	3.3	3.7	-	-	9.7	59.9	39.1	-	
BELIZE	1979	-	-	-	-	-	-	-	-	-	-	-	
CANADA	1978	16.4	10.0	2.7	3.5	3.6	4.7	6.4	17.0	36.3	81.8	160.6	
CHILE	1979	6.7	6.3	5.3	3.7	4.7	3.0	4.8	9.2	17.3	24.0	55.9	
COLOMBIA	1977	5.0	5.3	3.4	4.4	4.1	4.1	5.2	7.9	13.3	23.9	34.6	
COSTA RICA	1979	8.5	8.5	5.0	5.0	4.7	5.0	3.0	9.6	23.9	86.0	62.2	
CUBA	1978	11.0	8.6	4.3	4.1	4.2	6.4	8.6	12.4	26.9	51.4	82.5	
DOMINICA	1978	2.6	2.2	-	-	-	-	-	-	47.6	-	-	
DOMINICAN REPUBLIC	1978	2.3	2.6	0.9	0.4	2.1	2.1	3.2	5.8	10.6	17.5	10.8	
ECUADOR	1978	3.2	3.4	1.7	2.5	3.0	2.6	3.2	2.5	8.8	13.4	30.7	
EL SALVADOR	1974	1.7	1.8	1.3	1.8	1.6	1.6	0.6	1.6	7.9	4.8	11.8	
GUATEMALA	1978	1.5	1.6	0.8	0.9	1.4	1.1	0.3	2.7	6.4	10.4	8.0	
GUYANA	1977	3.5	3.6	1.7	1.7	5.6	2.2	3.1	7.7	-	11.1	33.3	
HONDURAS	1978	1.6	1.6	0.8	1.4	1.9	1.9	0.7	4.9	3.0	-	-	
JAMAICA	1971	7.8	7.5	3.3	3.6	2.7	4.0	6.5	25.0	23.5	45.5	30.3	
MARTINIQUE	1975	3.9	3.5	-	-	-	-	-	8.3	40.0	-	-	
MEXICO	1976	3.6	3.7	2.5	2.9	2.4	4.0	3.2	4.8	8.9	18.5	27.2	
NICARAGUA	1977	1.8	1.9	1.4	1.4	4.0	-	-	3.1	2.6	9.8	-	
PANAMA	1974	5.6	5.6	4.6	2.8	2.7	2.9	6.6	6.9	18.0	21.1	59.6	
PARAGUAY (*)	1978	5.8	6.1	3.0	1.3	5.7	7.6	4.3	5.6	5.6	63.2	50.0	
PERU	1978	3.3	3.4	1.5	1.8	2.0	1.8	4.1	6.3	8.6	22.5	25.4	
PUERTO RICO	1977	10.6	7.8	3.3	3.3	2.4	3.3	7.6	14.9	26.9	56.5	100.0	
ST. VINCENT	1979	9.4	9.0	-	-	-	-	-	58.8	50.0	100.0	-	
SURINAME	1978	1.6	1.7	-	1.8	-	-	-	8.7	-	-	-	
TRINIDAD AND TOBAGO	1977	8.3	8.3	4.6	5.6	4.7	5.9	7.7	15.7	12.2	40.3	84.0	
UNITED STATES	1978	18.7	10.1	2.1	2.8	3.1	4.7	7.5	16.2	38.8	84.7	169.7	
URUGUAY	1978	12.7	8.0	4.4	2.3	3.1	4.9	9.4	15.1	27.8	54.9	63.9	
VENEZUELA	1978	6.4	6.8	5.3	3.4	4.7	3.9	5.6	11.5	16.4	37.2	54.0	
FEMALE													
ARGENTINA	1978	7.9	5.3	3.8	2.4	2.6	3.4	4.4	7.9	16.1	32.1	47.4	
BAHAMAS	1979	4.4	4.1	-	-	-	-	8.9	12.6	66.7	62.5	-	
BARBADOS	1978	8.7	4.7	-	-	-	-	8.2	21.9	15.5	29.8	58.1	
BELIZE	1979	-	-	-	-	-	-	-	-	-	-	-	
CANADA	1978	12.7	6.5	2.7	1.8	1.7	2.9	4.6	12.3	23.7	53.7	103.1	
CHILE	1979	6.3	5.4	4.2	4.2	2.7	2.0	3.4	8.5	18.9	25.6	34.2	
COLOMBIA	1977	3.6	3.8	3.0	1.8	2.8	2.6	2.9	5.3	11.7	20.9	21.8	
COSTA RICA	1979	6.1	4.3	4.7	5.4	1.9	3.0	9.6	24.9	32.6	52.6	52.6	
CUBA	1978	6.9	3.5	3.2	1.7	2.6	2.6	3.9	9.9	21.8	35.0	51.0	
DOMINICA	1978	4.7	4.7	-	8.0	-	-	-	-	-	-	-	
DOMINICAN REPUBLIC	1978	1.4	1.5	1.8	1.0	1.7	1.0	0.4	2.9	5.1	4.1	-	
ECUADOR	1978	2.6	2.7	1.2	1.4	2.7	1.8	2.0	3.7	12.7	12.4	4.3	
EL SALVADOR	1974	2.0	2.0	0.3	1.9	0.5	0.8	2.9	5.5	6.1	12.1	10.3	
GUATEMALA	1978	1.2	1.3	1.4	0.9	1.1	1.1	1.0	0.9	1.4	4.3	3.3	
GUYANA	1977	2.7	2.7	1.7	1.7	2.2	6.3	-	3.8	5.6	9.1	-	
HONDURAS	1978	1.4	1.6	-	0.6	1.5	3.3	-	2.0	1.5	8.6	21.4	
JAMAICA	1971	6.3	5.6	0.7	2.6	2.8	2.6	11.1	7.1	25.4	36.0	24.2	
MARTINIQUE	1975	2.4	1.8	-	-	-	-	-	7.7	-	14.3	17.0	
MEXICO	1976	1.8	2.9	1.9	2.3	1.8	1.8	2.2	4.6	8.0	15.8	17.1	
NICARAGUA	1977	1.8	1.9	2.0	0.8	1.7	1.4	0.9	4.4	4.8	4.3	6.6	
PANAMA	1974	2.4	2.4	0.8	1.4	0.7	1.0	2.8	1.9	5.9	21.6	36.6	
PARAGUAY (*)	1978	4.6	4.2	3.2	2.2	3.2	3.1	1.2	2.6	2.6	18.2	56.3	
PERU	1978	2.9	2.9	2.1	1.6	1.4	1.9	2.2	5.2	9.7	14.1	21.2	
PUERTO RICO	1977	1.7	3.8	3.8	2.9	3.2	1.3	5.6	7.0	19.4	36.1	56.5	
ST. VINCENT	1979	1.7	1.5	-	-	-	-	-	-	-	-	-	
SURINAME	1978	3.7	3.8	10.4	-	3.1	-	-	11.5	-	-	38.0	
TRINIDAD AND TOBAGO	1977	3.8	3.3	-	0.7	3.3	2.6	1.8	9.4	9.0	17.6	39.3	
UNITED STATES	1978	14.8	6.5	1.7	1.9	1.9	3.0	4.8	11.1	25.8	52.4	104.7	
URUGUAY	1978	11.6	6.8	4.4	2.8	3.0	3.5	8.3	11.9	43.9	59.5	59.5	
VENEZUELA	1978	4.7	4.9	2.4	3.3	2.3	2.5	5.2	6.8	18.3	26.5	32.4	

(\*) AREA OF INFORMATION ONLY.

Table II-5a  
 NUMBER OF DEATHS FROM DIABETES MELLITUS (250), BY AGE, SEX, AND COUNTRY

COUNTRY	YEAR	ALL AGES	AGE IN YEARS										UN-KNOWN
			UNGER 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75 AND OVER		
BOTH SEXES													
ARGENTINA	1978	4876	28	15	19	62	109	400	965	1696	1547	35	
BAHAMAS	1979	17	-	-	-	-	1	1	-	11	3		
BARBADOS	1978	113	-	-	-	-	2	5	15	38	53		
BELIZE	1979	14	-	-	-	-	-	-	-	6	3		
CANADA	1978	2916	4	6	13	44	69	152	421	825	1380		
CHILE	1979	1419	2	5	13	16	38	125	327	486	404		
COLOMBIA	1977	1814	17	17	47	55	79	193	384	514	495		
COSTA RICA	1979	242	1	3	1	3	6	17	39	84	87		
CUBA	1978	1072	2	2	18	24	48	76	217	327	357		
DOMINICA	1978	10	-	-	-	-	-	3	-	3	2		
DOMINICAN REPUBLIC	1978	268	2	8	10	6	13	34	48	74	68		
ECUADOR	1978	384	-	-	5	5	17	57	59	110	125		
EL SALVADOR	1974	169	1	-	-	1	14	19	40	52	37		
GUATEMALA	1978	307	-	-	2	8	26	45	64	83	74		
GUYANA	1977	159	2	-	2	4	9	20	42	42	33		
HONDURAS	1978	12	1	-	1	1	2	12	15	12	18		
JAMAICA	1971	593	-	-	3	7	18	80	161	182	140		
MARTINIQUE	1975	81	-	-	-	1	2	2	18	27	30		
MEXICO	1976	11719	52	49	105	236	577	1586	2592	3558	2890		
NICARAGUA	1977	111	-	-	2	2	6	13	29	25	26		
PANAMA	1974	152	-	1	2	2	3	16	28	52	48		
PARAGUAY (*)	1978	178	-	-	-	5	4	13	41	59	55		
PERU	1978	611	1	5	6	8	26	59	128	191	161		
PUERTO RICO	1977	551	1	3	3	4	12	33	93	168	232		
ST. VINCENT	1979	34	-	-	-	-	-	3	8	10	12		
SURINAME	1978	61	-	-	1	2	3	8	18	10	19		
TRINIDAD AND TOBAGO	1977	54	-	1	3	7	23	80	183	148	99		
UNITED STATES	1978	33841	17	33	140	564	920	2227	5563	9629	14743		
URUGUAY	1978	629	-	-	2	3	15	41	109	219	238		
VENEZUELA	1978	1496	5	6	21	32	65	175	378	431	382		
MALE													
ARGENTINA	1978	2310	11	8	8	34	64	218	519	823	609		
BAHAMAS	1979	3	-	-	-	-	-	1	-	2	1		
BARBADOS	1978	27	-	-	-	-	1	3	5	13	-		
BELIZE	1979	2	-	-	-	-	-	-	-	5	-		
CANADA	1978	1355	2	3	5	30	44	91	231	413	535		
CHILE	1979	664	2	2	5	10	23	69	157	218	175		
COLOMBIA	1977	684	12	11	21	26	36	82	151	176	165		
COSTA RICA	1979	93	-	-	-	-	-	3	8	16	28		
CUBA	1978	420	1	1	11	18	19	33	82	120	134		
DOMINICA	1978	6	-	-	-	-	-	3	1	1	18		
DOMINICAN REPUBLIC	1978	106	-	3	3	2	5	16	23	33	18		
ECUADOR	1978	150	1	-	1	3	5	28	26	41	39		
EL SALVADOR	1974	85	-	-	1	1	10	12	19	26	13		
GUATEMALA	1978	168	-	-	3	5	16	30	40	41	33		
GUYANA	1977	60	2	-	1	2	2	8	24	10	10		
HONDURAS	1978	30	-	-	-	-	1	3	6	7	4		
JAMAICA	1971	236	-	-	2	3	9	39	67	70	44		
MARTINIQUE	1975	32	-	-	-	-	-	-	8	8	12		
MEXICO	1976	5156	25	21	42	144	335	820	1195	1454	1084		
NICARAGUA	1977	48	-	-	-	8	2	6	11	11	10		
PANAMA	1974	54	-	1	1	1	2	7	11	18	13		
PARAGUAY (*)	1978	65	-	-	-	-	-	1	4	10	16		
PERU	1978	240	-	2	1	3	10	34	50	86	47		
PUERTO RICO	1977	224	1	-	1	2	9	18	45	68	80		
ST. VINCENT	1979	7	-	-	-	-	-	-	-	5	1		
SURINAME	1978	28	-	-	-	2	3	4	12	5	4		
TRINIDAD AND TOBAGO	1977	23	-	1	2	1	3	35	57	67	35		
UNITED STATES	1978	13910	8	12	63	318	521	1151	2664	4178	4954		
URUGUAY	1978	238	-	-	1	5	2	23	51	89	67		
VENEZUELA	1978	642	2	1	4	20	36	85	184	179	131		
FEMALE													
ARGENTINA	1978	2566	17	7	11	28	45	182	446	873	938		
BAHAMAS	1979	14	-	-	-	-	-	2	10	33	40		
BARBADOS	1978	86	-	-	-	-	-	1	1	5	3		
BELIZE	1979	12	-	-	-	-	-	-	-	1	-		
CANADA	1978	1560	2	3	8	14	25	61	190	412	845		
CHILE	1979	755	-	-	8	6	15	56	170	268	229		
COLOMBIA	1977	1130	5	6	26	29	43	111	233	338	330		
COSTA RICA	1979	149	2	3	3	3	9	23	47	59	59		
CUBA	1978	652	1	1	7	6	29	43	135	207	223		
DOMINICA	1978	4	-	-	-	-	-	-	2	1	1		
DOMINICAN REPUBLIC	1978	162	2	5	7	4	8	18	25	41	50		
ECUADOR	1978	234	1	-	2	2	4	29	33	69	86		
EL SALVADOR	1974	84	1	-	-	-	-	7	21	26	24		
GUATEMALA	1978	139	-	-	4	3	10	15	24	42	41		
GUYANA	1977	99	-	-	1	4	7	12	18	32	23		
HONDURAS	1978	34	1	-	-	-	1	9	4	8	10		
JAMAICA	1971	357	-	-	1	4	9	41	92	112	96		
MARTINIQUE	1975	49	-	-	-	-	-	2	20	15	18		
MEXICO	1976	6542	27	28	63	91	241	764	1392	2099	1803		
NICARAGUA	1977	63	-	-	-	3	4	7	18	15	16		
PANAMA	1974	98	-	-	1	1	1	9	17	34	35		
PARAGUAY (*)	1978	113	-	-	-	-	-	1	7	16	14		
PERU	1978	377	1	3	5	5	16	25	77	108	114		
PUERTO RICO	1977	327	-	3	2	2	3	15	48	100	152		
ST. VINCENT	1979	27	-	-	-	-	-	2	8	6	11		
SURINAME	1978	33	-	-	-	-	-	4	6	16	6		
TRINIDAD AND TOBAGO	1977	321	-	-	2	4	10	45	105	91	64		
UNITED STATES	1978	19931	9	21	77	246	399	1036	2899	5451	9789		
URUGUAY	1978	391	-	-	1	1	10	18	58	130	171		
VENEZUELA	1978	854	3	5	17	12	29	90	194	252	251		

(\*) AREA OF INFORMATION ONLY.

Table II-5b  
CRUDE, AGE-ADJUSTED, AND AGE-SPECIFIC DEATH RATES PER 100,000 POPULATION FROM  
DIABETES MELLITUS (250), BY SEX AND COUNTRY

COUNTRY	YEAR	CRUDE RATE	AGE-ADJUSTED RATE	UNDER 5	AGE IN YEARS							
					5-14	15-24	25-34	35-44	45-54	55-64	65-74	75 AND OVER
BOTH SEXES												
ARGENTINA	1978	18.5	9.3	1.0	0.3	0.4	1.7	3.4	13.3	43.0	117.2	233.3
BAHAMAS	1979	7.5	1.5	-	-	-	-	8.9	6.3	-	211.2	120.3
BARBADOS	1978	42.6	18.2	-	-	-	-	4.5	21.1	72.7	206.4	686.5
BELIZE	1979	8.9	8.8	-	-	3.8	6.3	-	20.0	12.5	150.0	150.0
CANADA	1978	12.4	5.4	0.2	0.2	0.3	1.1	2.6	6.1	20.8	61.6	173.6
CHILE	1979	7.0	9.3	0.2	0.2	0.6	1.0	3.1	13.6	52.0	122.2	209.1
COLOMBIA	1977	7.2	8.3	0.4	0.2	0.3	1.8	3.0	12.2	39.3	98.6	206.6
COSTA RICA	1979	11.2	11.5	0.7	0.6	0.2	0.9	3.0	11.7	7.5	25.2	57.1
CUBA	1978	11.1	11.1	0.2	0.1	1.1	1.7	4.6	9.5	34.0	157.8	354.1
DOMINICA	1978	12.3	11.0	-	-	-	-	-	15.2	51.7	65.2	33.3
DOMINICAN REPUBLIC	1978	5.2	6.0	0.2	0.5	1.0	2.7	11.6	27.6	74.1	115.8	115.8
ECUADOR	1978	4.9	5.4	0.1	-	0.3	0.5	2.4	11.7	18.2	64.4	150.8
EL SALVADOR	1974	4.3	4.6	0.1	-	-	-	0.2	7.5	25.2	57.1	95.1
GUATEMALA	1978	4.5	5.8	-	-	0.5	0.9	4.2	10.1	25.4	61.0	137.0
GUYANA	1977	19.6	20.3	1.7	-	1.1	4.3	13.4	38.5	113.5	210.0	412.5
HONDURAS	1978	1.9	2.3	0.1	-	0.2	0.7	0.7	5.9	11.3	17.6	69.2
JAMAICA	1971	31.2	25.9	-	-	0.8	3.2	12.6	61.3	139.9	294.0	530.3
MARTINIQUE	1975	25.3	23.4	-	-	-	3.0	6.0	8.0	90.0	225.0	80.0
MEXICO	1976	18.8	21.2	0.5	0.3	0.9	3.0	10.6	43.5	120.7	255.1	400.5
NICARAGUA	1977	4.6	5.8	-	-	-	4.1	2.9	9.9	36.2	59.7	98.4
PANAMA	1974	9.6	9.3	-	0.2	0.7	1.0	2.0	14.5	38.5	138.5	228.6
PARAGUAY (*)	1978	10.8	9.9	-	-	-	2.6	2.8	11.7	55.4	143.9	211.5
PERU	1978	3.6	3.7	0.0	0.1	0.2	0.4	1.7	18.1	48.1	188.7	188.7
PUERTO RICO	1977	19.7	19.7	0.3	0.4	0.9	3.6	11.9	19.9	119.1	269.8	269.8
ST. VINCENT	1979	30.0	25.2	-	-	-	-	-	26.0	153.8	379.3	631.6
SURINAME	1978	16.3	16.0	-	-	1.6	4.3	8.5	35.1	107.0	189.8	191.5
TRINIDAD AND TOBAGO	1977	48.6	43.1	-	0.4	1.2	4.3	21.6	91.6	277.0	429.7	883.4
UNITED STATES	1978	15.2	6.0	0.1	0.1	0.3	1.6	3.7	9.4	26.4	63.3	158.8
URUGUAY	1978	22.0	9.0	-	-	0.4	0.8	1.8	11.8	40.9	122.1	158.8
VENEZUELA	1978	11.4	13.1	0.2	0.2	0.8	1.8	5.7	20.2	70.4	149.7	323.7
MALE												
ARGENTINA	1978	17.5	9.5	0.8	0.3	0.3	1.8	3.9	14.5	47.8	121.9	215.2
BAHAMAS	1979	2.7	3.0	-	-	-	-	-	26.9	48.1	99.9	507.8
BARBADOS	1978	21.5	12.8	-	-	-	-	9.8	20.0	-	50.0	-
BELIZE	1979	11.6	6.9	0.2	0.1	0.2	1.6	3.2	7.4	23.9	67.2	172.6
CANADA	1978	12.3	10.0	0.3	0.2	0.4	1.2	3.8	15.5	53.2	124.6	238.7
CHILE	1979	5.6	6.6	0.6	0.3	0.8	1.8	3.3	10.6	31.4	70.1	154.5
COLOMBIA	1977	8.2	9.1	-	-	-	0.6	3.0	11.0	38.7	144.6	248.7
COSTA RICA	1979	8.5	5.5	0.2	0.1	1.3	2.6	3.0	8.2	3.9	23.0	132.0
CUBA	1978	15.6	15.5	-	-	-	34.5	3.0	115.4	47.6	166.7	166.7
DOMINICA	1978	4.1	4.6	-	0.4	0.6	0.7	2.0	10.3	24.3	64.2	64.7
DOMINICAN REPUBLIC	1978	3.8	4.4	0.1	-	0.1	0.6	2.6	11.5	16.3	50.1	107.2
ECUADOR	1978	4.3	4.9	-	-	0.3	0.4	5.7	9.6	24.9	62.7	77.0
EL SALVADOR	1974	4.0	4.6	-	-	0.1	1.1	5.1	13.5	34.0	61.2	132.0
GUATEMALA	1978	14.9	16.0	3.4	-	1.1	6.3	30.8	126.3	111.1	333.3	333.3
GUYANA	1977	1.7	2.3	-	-	0.3	0.5	0.7	7.8	10.6	12.1	66.7
HONDURAS	1978	25.2	23.5	-	-	1.1	3.0	14.6	65.0	123.0	244.8	444.4
JAMAICA	1971	20.6	17.2	-	-	-	6.7	13.3	31.3	88.9	160.0	600.0
MARTINIQUE	1975	16.4	19.6	0.4	0.2	0.7	3.6	12.3	45.6	114.9	218.8	328.2
MEXICO	1976	16.4	19.6	0.4	0.2	0.7	3.6	12.3	45.6	114.9	218.8	328.2
NICARAGUA	1977	4.2	5.4	-	-	-	6.4	2.0	9.4	28.7	53.9	88.7
PANAMA	1974	6.7	6.6	-	0.5	0.7	1.0	2.6	12.0	28.3	94.7	129.1
PARAGUAY (*)	1978	7.9	8.1	-	-	-	3.3	1.4	7.4	27.8	163.2	160.0
PERU	1978	2.8	3.1	-	0.1	0.1	0.3	1.3	6.1	14.6	44.9	56.9
PUERTO RICO	1977	13.8	18.4	0.5	-	0.3	1.0	5.7	13.4	41.7	98.0	200.0
ST. VINCENT	1979	13.1	13.5	-	-	-	-	-	-	-	500.0	500.0
SURINAME	1978	15.0	15.9	-	-	-	8.8	17.0	34.6	147.6	75.9	144.9
TRINIDAD AND TOBAGO	1977	39.2	39.4	-	0.7	0.8	3.6	78.5	238.3	328.4	980.1	980.1
UNITED STATES	1978	12.9	6.0	0.1	0.1	0.3	1.9	4.3	10.4	26.8	63.3	147.9
URUGUAY	1978	17.0	7.8	-	0.4	1.1	2.8	13.4	39.4	106.2	171.4	171.4
VENEZUELA	1978	9.8	11.8	0.2	0.1	0.3	2.3	6.3	19.1	68.4	130.7	262.0
FEMALE												
ARGENTINA	1978	19.4	9.1	1.3	0.3	0.5	1.5	2.8	12.0	38.5	114.3	246.8
BAHAMAS	1979	12.4	11.0	-	-	-	-	17.9	-	-	300.0	187.5
BARBADOS	1978	22.3	22.3	-	-	-	-	-	14.6	97.3	328.0	775.2
BELIZE	1979	15.2	15.1	-	-	7.7	-	-	20.0	25.0	250.0	300.0
CANADA	1978	13.7	5.0	0.2	0.2	0.3	0.7	1.9	4.9	18.0	56.8	174.2
CHILE	1979	8.9	8.8	0.2	0.3	0.7	2.4	1.9	11.8	50.9	120.4	191.0
COLOMBIA	1977	8.9	9.9	0.3	0.2	1.0	1.8	3.6	13.7	47.0	125.9	248.5
COSTA RICA	1979	13.9	13.3	1.4	1.1	0.4	1.3	3.0	12.4	47.8	170.1	443.4
CUBA	1978	13.7	8.9	0.2	0.1	0.9	0.9	5.6	10.9	44.0	105.1	232.3
DOMINICA	1978	9.3	6.0	-	-	-	-	-	80.0	-	55.6	83.3
DOMINICAN REPUBLIC	1978	6.3	6.3	0.5	0.6	1.3	1.3	3.3	13.1	31.6	84.7	161.8
ECUADOR	1978	6.0	6.2	0.2	-	0.5	0.4	2.3	11.8	20.0	77.6	184.9
EL SALVADOR	1974	4.4	4.4	0.3	-	-	-	2.3	5.5	25.6	52.3	109.0
GUATEMALA	1978	4.1	5.0	-	-	0.6	0.7	2.2	6.8	18.9	60.9	141.4
GUYANA	1977	24.3	23.6	-	-	1.1	8.3	20.0	46.2	190.0	290.9	460.0
HONDURAS	1978	2.0	2.3	0.3	-	-	0.7	3.9	11.9	11.9	82.9	71.4
JAMAICA	1971	37.0	27.9	-	-	0.6	3.5	11.1	58.1	155.9	336.3	581.8
MARTINIQUE	1975	29.7	16.9	-	-	-	-	-	15.4	90.9	271.4	450.0
MEXICO	1976	21.2	22.6	0.5	0.3	1.1	2.3	8.9	41.3	125.8	287.8	460.7
NICARAGUA	1977	3.9	5.0	-	-	-	2.1	3.7	10.3	44.0	64.5	105.7
PANAMA	1974	5.3	12.0	-	-	0.7	1.0	4.4	17.3	50.2	146.5	320.3
PARAGUAY (*)	1978	13.6	11.5	-	-	-	2.1	4.1	15.8	81.6	127.3	243.8
PERU	1978	4.4	4.2	0.1	0.1	0.3	0.4	2.1	4.5	21.4	51.2	115.2
PUERTO RICO	1977	19.3	10.5	-	0.8	0.6	0.8	1.7	10.5	44.4	138.9	330.4
ST. VINCENT	1979	34.9	32.3	-	-	-	-	-	46.5	250.0	846.2	846.2
SURINAME	1978	17.6	19.1	-	-	3.1	-	-	35.7	65.0	303.6	228.1
TRINIDAD AND TOBAGO	1977	58.4	49.5	-	-	1.7	5.2	18.3	105.8	314.9	532.6	838.1
UNITED STATES	1978	17.5	5.9	0.1	0.1	0.4	1.4	3.1	8.5	26.2	63.4	164.9
URUGUAY	1978	26.8	9.8	-	0.4	0.5	5.3	10.2	42.3	136.0	274.9	274.9
VENEZUELA	1978	13.0	14.2	0.3	0.3	1.2	1.3	9.0	21.2	72.4	166.9	369.1

(\*) AREA OF INFORMATION ONLY.

Table II-5a  
 NUMBER OF DEATHS FROM AVITAMINOSES AND OTHER NUTRITIONAL DEFICIENCIES (260-269),  
 BY AGE, SEX, AND COUNTRY

C O U N T R Y	Y E A R	A L L A G E S	U N D E R 5	A G E I N Y E A R S								7 5 A N D O V E R	U N - K N O W N
				5-14	15-24	25-34	35-44	45-54	55-64	65-74			
B O T H S E X E S													
ARGENTINA	1978	2212	1320	23	13	31	24	43	107	166	455	30	
BAHAMAS	1979	8	-	-	-	-	-	-	-	-	6	-	
BARBADOS	1978	13	4	-	1	-	-	-	-	-	2	-	
BELIZE	1979	19	8	1	-	-	-	3	-	-	3	3	
CANADA	1978	183	6	1	3	1	5	6	15	31	115	-	
CHILE	1979	450	178	12	8	8	11	30	45	72	88	1	
COLOMBIA	1977	3165	2203	157	55	50	47	65	138	175	253	22	
COSTA RICA	1979	42	25	-	-	-	-	-	-	1	5	-	
CUBA	1978	112	42	6	1	5	2	2	3	16	35	-	
DOMINICA	1978	7	1	-	-	-	-	-	-	1	2	1	
DOMINICAN REPUBLIC	1978	477	349	42	8	1	5	17	11	12	29	13	
ECUADOR	1978	1153	943	45	17	10	7	18	25	30	66	6	
EL SALVADOR	1974	576	334	36	6	7	18	25	33	49	47	24	
GUATEMALA	1978	2173	1241	117	60	50	78	85	120	142	237	43	
GUYANA	1977	176	143	2	2	4	1	2	4	10	9	1	
HONDURAS	1978	142	38	17	6	2	4	3	4	8	7	3	
JAMAICA	1971	431	345	8	1	2	-	5	-	24	32	2	
MARTINIQUE	1975	38	-	-	-	-	-	-	-	10	26	-	
MEXICO	1976	6031	2695	262	124	110	151	197	248	488	1660	96	
NICARAGUA	1977	50	41	3	-	-	-	-	-	-	3	1	
PANAMA	1974	99	61	11	-	-	-	2	4	7	14	-	
PARAGUAY (*)	1978	130	110	5	5	-	2	3	3	3	1	1	
PERU	1978	1710	1173	67	23	16	19	26	39	67	182	98	
PUERTO RICO	1977	52	-	-	-	-	-	-	-	-	33	-	
ST. VINCENT	1979	23	22	-	-	-	-	-	-	-	-	-	
SURINAME	1978	14	13	-	-	-	-	-	-	-	1	-	
TRINIDAD AND TOBAGO	1977	64	7	1	1	-	-	-	-	2	41	-	
UNITED STATES	1978	2855	85	11	21	33	34	94	210	410	1956	1	
URUGUAY	1978	199	2	1	-	3	-	8	-	40	55	-	
VENEZUELA	1978	532	331	18	5	10	10	12	31	33	80	2	
M A L E													
ARGENTINA	1978	1163	687	15	10	10	13	30	71	111	198	18	
BAHAMAS	1979	2	3	-	-	-	-	-	-	-	2	-	
BARBADOS	1978	9	5	1	-	-	-	-	-	-	2	-	
BELIZE	1979	13	7	1	-	-	-	-	-	-	2	-	
CANADA	1978	95	4	-	2	1	3	2	10	19	54	-	
CHILE	1979	263	99	4	4	4	10	21	34	43	43	1	
COLOMBIA	1977	1649	1160	75	30	23	24	33	80	85	125	14	
COSTA RICA	1979	24	16	-	-	-	-	-	-	2	3	-	
CUBA	1978	57	22	2	1	2	1	1	1	9	18	-	
DOMINICA	1978	6	1	-	-	-	-	-	-	1	1	-	
DOMINICAN REPUBLIC	1978	253	192	19	4	4	1	5	6	6	15	5	
ECUADOR	1978	580	474	23	9	4	4	6	7	19	32	2	
EL SALVADOR	1974	316	160	15	5	5	14	13	20	33	28	23	
GUATEMALA	1978	1144	674	54	32	31	41	40	68	64	109	31	
GUYANA	1977	91	77	2	-	-	-	-	-	5	7	-	
HONDURAS	1978	79	48	8	1	2	3	1	1	6	7	2	
JAMAICA	1971	228	176	7	1	2	-	2	10	13	15	2	
MARTINIQUE	1975	23	-	-	-	-	-	-	-	-	18	-	
MEXICO	1976	2927	1414	123	53	45	69	99	132	229	717	46	
NICARAGUA	1977	24	19	2	1	-	-	-	-	1	4	-	
PANAMA	1974	52	29	6	1	-	-	-	3	6	8	-	
PARAGUAY (*)	1978	65	55	2	1	-	2	2	2	-	1	-	
PERU	1978	837	593	29	10	7	10	14	17	31	78	48	
PUERTO RICO	1977	26	-	-	-	-	-	-	-	-	14	-	
ST. VINCENT	1979	10	9	-	-	-	-	-	-	-	1	-	
SURINAME	1978	9	8	-	-	-	-	-	-	-	1	-	
TRINIDAD AND TOBAGO	1977	35	3	1	1	-	-	-	-	7	23	-	
UNITED STATES	1978	1161	45	6	9	12	17	52	110	210	700	1	
URUGUAY	1978	131	84	-	-	5	-	1	5	17	24	-	
VENEZUELA	1978	281	178	9	3	5	3	6	19	16	42	-	
F E M A L E													
ARGENTINA	1978	1049	633	8	3	21	11	13	36	55	257	12	
BAHAMAS	1979	6	-	-	-	-	-	-	-	-	5	-	
BARBADOS	1978	4	1	-	-	-	-	-	-	-	3	-	
BELIZE	1979	26	3	-	-	-	-	-	-	-	1	-	
CANADA	1978	88	2	1	-	-	2	1	5	12	61	-	
CHILE	1979	187	79	8	1	4	9	11	29	45	45	-	
COLOMBIA	1977	1516	1043	82	25	27	23	32	58	90	128	8	
COSTA RICA	1979	18	9	-	-	-	-	-	-	7	5	-	
CUBA	1978	55	20	4	-	3	1	1	2	-	17	-	
DOMINICA	1978	1	-	-	-	-	-	-	-	-	-	-	
DOMINICAN REPUBLIC	1978	224	157	23	4	1	4	2	5	6	14	8	
ECUADOR	1978	573	469	22	8	6	4	6	9	11	34	4	
EL SALVADOR	1974	260	174	21	1	2	4	9	13	16	19	4	
GUATEMALA	1978	1029	567	63	28	19	37	45	52	78	128	12	
GUYANA	1977	85	66	9	5	-	-	2	5	2	6	-	
HONDURAS	1978	63	40	9	-	-	-	-	-	2	7	-	
JAMAICA	1971	203	169	1	-	-	-	3	2	11	17	-	
MARTINIQUE	1975	15	-	-	-	-	-	-	-	6	8	-	
MEXICO	1976	3082	1274	138	71	65	81	98	116	257	942	40	
NICARAGUA	1977	26	1	-	-	-	-	-	-	-	6	-	
PANAMA	1974	47	2	5	-	-	-	2	1	1	6	-	
PARAGUAY (*)	1978	65	55	3	4	-	-	1	1	-	-	-	
PERU	1978	873	580	38	13	9	9	12	22	36	104	50	
PUERTO RICO	1977	26	-	-	-	-	-	-	-	-	19	-	
ST. VINCENT	1979	13	1	-	-	-	-	-	-	-	3	-	
SURINAME	1978	5	5	-	-	-	-	-	-	-	-	-	
TRINIDAD AND TOBAGO	1977	29	4	-	-	-	-	-	-	5	18	-	
UNITED STATES	1978	1694	40	5	12	21	17	42	100	200	1256	1	
URUGUAY	1978	100	55	2	1	3	-	2	3	3	31	-	
VENEZUELA	1978	251	153	9	2	5	7	6	12	17	38	2	

(\*) AREA OF INFORMATION ONLY.

Table II-5b  
 CRUDE, AGE-ADJUSTED, AND AGE-SPECIFIC DEATH RATES PER 100,000 POPULATION FROM AVITAMINOSES  
 AND OTHER NUTRITIONAL DEFICIENCIES (260-269), BY SEX AND COUNTRY

C O U N T R Y	Y E A R	C R U D E R A T E	A G E - A D J U S T E D R A T E	U N D E R 5	A G E I N Y E A R S								
					5-14	15-24	25-34	35-44	45-54	55-64	65-74	75 AND O V E R	
B O T H S E X E S													
ARGENTINA	1978	8.4	8.4	47.8	0.5	0.3	0.8	0.7	1.4	4.8	11.5	68.6	
BAHAMAS	1979	3.6	3.7	-	-	-	-	-	6.3	-	19.2	240.0	
BARBADOS	1978	4.9	4.5	16.9	-	1.8	-	-	4.2	-	10.9	64.8	
BELIZE	1979	12.0	5.4	28.6	2.0	0.1	0.0	0.0	30.0	-	25.0	150.0	
CANADA	1978	0.8	0.4	0.3	0.0	0.1	0.0	0.2	0.2	0.7	2.3	14.0	
CHILE	1979	4.1	4.2	14.6	0.5	0.2	0.5	0.9	3.3	7.2	18.1	45.5	
COLOMBIA	1977	12.6	12.9	56.6	2.2	1.1	1.6	2.0	4.1	14.1	33.7	105.6	
COSTA RICA	1979	1.9	2.0	8.9	-	-	0.6	0.5	-	1.1	9.4	32.6	
CUBA	1978	1.2	1.3	3.8	0.2	0.1	0.4	0.2	0.3	0.5	3.6	18.1	
DOMINICA	1978	8.6	6.6	39.4	2.7	0.8	0.2	16.7	-	21.7	33.3	111.1	
DOMINICAN REPUBLIC	1978	9.3	8.5	39.6	2.1	1.1	1.0	1.0	2.4	6.3	12.0	49.4	
ECUADOR	1974	14.6	14.6	65.5	2.1	1.1	1.0	1.2	5.4	4.9	11.6	79.6	
EL SALVADOR	1974	14.8	13.2	47.5	3.3	0.8	1.5	5.2	8.7	20.8	53.8	120.9	
GUATEMALA	1978	31.8	30.6	103.9	6.3	4.4	5.6	12.5	19.1	47.6	104.4	438.9	
GUYANA	1977	21.7	23.4	121.2	0.8	2.2	0.0	1.5	3.8	10.8	50.0	112.5	
HONDURAS	1978	4.1	3.6	12.6	1.7	0.9	0.0	1.4	1.5	3.0	11.8	26.9	
JAMAICA	1971	22.7	21.8	114.7	1.5	0.3	0.9	-	3.8	10.4	31.8	171.2	
MARTINIQUE	1975	11.9	7.2	-	-	-	-	-	-	5.0	83.3	433.3	
MEXICO	1976	9.7	9.4	24.3	1.5	1.0	1.4	2.8	5.4	11.6	35.0	230.0	
NICARAGUA	1977	2.2	1.7	10.0	0.4	0.2	-	-	-	-	2.3	11.4	
PANAMA	1974	6.3	6.0	23.7	2.6	1.7	-	-	1.8	5.5	18.6	66.7	
PARAGUAY (*)	1978	7.9	9.9	45.8	-	1.6	-	1.4	2.7	4.1	18.6	3.7	
PERU	1978	10.2	10.4	45.8	1.5	0.7	0.7	1.2	5.3	5.5	16.9	100.2	
PUERTO RICO	1977	1.6	0.9	-	-	-	0.4	0.9	1.1	0.9	6.4	38.4	
ST. VINCENT	1979	20.3	19.9	105.2	-	-	-	-	13.0	-	-	-	
SURINAME	1978	3.7	3.9	21.9	-	-	-	-	-	-	-	21.3	
TRINIDAD AND TOBAGO	1977	5.7	5.7	-	0.4	0.4	-	-	-	3.0	34.8	36.8	
UNITED STATES	1978	1.3	0.5	0.5	0.0	0.0	0.1	0.1	0.4	1.0	2.7	21.8	
URUGUAY	1978	8.1	8.1	50.7	0.4	0.2	0.8	-	0.9	3.0	11.1	54.3	
VENEZUELA	1978	4.1	4.1	15.5	0.5	0.2	0.6	0.9	1.4	5.8	11.5	67.8	
M A L E													
ARGENTINA	1978	8.8	8.7	48.9	0.6	0.4	0.5	0.8	2.0	6.5	16.4	70.0	
BAHAMAS	1979	1.8	2.3	-	-	-	-	-	-	-	45.5	111.1	
BARBADOS	1978	7.1	7.1	25.4	-	3.7	-	-	10.0	-	24.0	78.1	
BELIZE	1979	16.5	12.9	35.7	4.0	-	-	-	40.0	-	50.0	200.0	
CANADA	1978	0.8	0.5	0.4	-	0.1	0.1	0.2	0.2	1.0	3.1	17.4	
CHILE	1979	4.9	5.0	15.9	0.3	0.3	0.5	1.6	4.7	11.5	24.6	58.6	
COLOMBIA	1977	13.4	13.5	58.6	2.0	1.2	1.6	2.6	4.7	16.5	33.8	117.0	
COSTA RICA	1979	2.2	2.2	11.1	-	-	0.6	1.0	0.0	2.2	7.8	26.6	
CUBA	1978	1.2	1.3	3.9	0.2	0.1	0.3	0.2	0.2	0.3	3.7	18.6	
DOMINICA	1978	15.6	15.6	14.7	-	-	-	38.5	-	47.6	83.3	333.3	
DOMINICAN REPUBLIC	1978	9.9	8.9	43.1	2.4	0.8	0.4	0.4	3.2	6.3	11.7	54.0	
ECUADOR	1974	14.6	14.7	68.5	2.1	1.2	0.8	1.2	2.5	4.4	23.2	67.3	
EL SALVADOR	1974	16.1	14.6	44.8	2.8	1.3	2.1	10.4	26.2	79.6	167.9		
GUATEMALA	1978	33.0	31.3	110.2	5.7	4.6	6.9	13.0	17.9	54.4	95.5	436.0	
GUYANA	1977	22.6	24.8	129.6	1.7	2.2	-	-	-	10.5	55.6	100.0	
HONDURAS	1978	4.6	4.1	13.5	1.6	0.3	0.9	2.1	1.0	1.5	18.2	58.3	
JAMAICA	1971	24.4	23.1	115.0	2.5	0.5	2.0	-	3.3	17.8	45.5	151.5	
MARTINIQUE	1975	14.8	12.4	-	-	-	-	-	-	-	80.0	900.0	
MEXICO	1976	9.3	9.3	25.0	1.4	0.9	1.1	2.5	5.5	12.7	34.4	217.1	
NICARAGUA	1977	2.1	1.7	9.2	0.6	0.5	-	-	-	-	4.9	8.9	
PANAMA	1974	6.5	6.3	22.4	2.8	-	-	-	-	7.7	31.6	79.5	
PARAGUAY (*)	1978	7.9	10.0	41.7	0.8	0.6	-	2.9	3.7	5.6	16.2	10.0	
PERU	1978	9.9	10.2	45.7	1.3	0.6	0.6	1.3	2.5	4.9	16.2	94.4	
PUERTO RICO	1977	1.6	0.9	-	-	-	-	1.3	1.5	1.9	8.7	35.0	
ST. VINCENT	1979	18.8	18.7	85.1	-	-	-	-	29.4	-	-	-	
SURINAME	1978	4.8	5.0	26.3	-	-	-	-	-	-	-	48.3	
TRINIDAD AND TOBAGO	1977	6.2	9.5	4.6	0.7	0.8	-	-	-	-	40.3	644.0	
UNITED STATES	1978	1.3	0.5	0.6	0.0	0.0	0.1	0.1	0.2	1.1	2.2	20.9	
URUGUAY	1978	8.1	8.1	60.9	0.4	0.2	0.8	-	0.9	3.9	20.3	61.4	
VENEZUELA	1978	4.3	4.4	16.2	0.5	0.2	0.6	0.5	1.4	7.1	11.7	84.0	
F E M A L E													
ARGENTINA	1978	7.9	8.1	46.7	0.3	0.1	1.1	0.7	0.9	3.1	7.2	67.6	
BAHAMAS	1979	4.6	4.6	-	-	-	-	-	12.2	-	-	312.5	
BARBADOS	1978	2.9	2.7	8.4	-	-	-	-	-	-	-	58.1	
BELIZE	1979	2.6	5.9	21.4	-	-	-	-	20.0	-	-	100.0	
CANADA	1978	0.7	0.3	0.2	0.1	0.0	-	0.2	0.3	0.5	1.7	12.6	
CHILE	1979	3.4	3.4	13.2	0.7	0.0	0.5	0.2	1.9	3.3	13.0	37.5	
COLOMBIA	1977	11.9	12.4	54.5	2.3	0.9	1.7	1.9	3.9	11.7	33.5	96.4	
COSTA RICA	1979	1.7	1.7	6.5	-	-	0.6	-	-	-	10.9	37.6	
CUBA	1978	1.2	1.2	3.7	0.3	-	0.6	0.2	0.3	0.7	3.6	17.7	
DOMINICA	1978	2.3	0.0	-	-	-	-	-	-	-	-	-	
DOMINICAN REPUBLIC	1978	8.7	7.9	35.8	3.0	0.8	0.3	1.7	1.5	6.3	12.4	45.3	
ECUADOR	1974	14.6	14.5	70.5	2.1	1.1	1.2	1.2	2.4	5.5	12.4	73.1	
EL SALVADOR	1974	13.5	12.2	50.3	4.0	0.9	0.8	2.3	7.1	13.8	32.2	86.3	
GUATEMALA	1978	30.5	22.8	97.2	6.9	4.2	4.3	12.0	20.4	40.9	115.0	441.4	
GUYANA	1977	20.8	22.7	113.8	-	2.2	-	7.7	11.1	24.9	45.5	120.0	
HONDURAS	1978	3.7	3.1	11.6	1.8	1.5	-	0.7	2.0	4.5	5.7	-	
JAMAICA	1971	21.0	20.6	114.3	0.4	-	-	-	4.2	3.4	33.0	103.0	
MARTINIQUE	1975	9.1	4.7	-	-	-	-	-	-	-	91.7	200.0	
MEXICO	1976	10.0	9.4	23.4	1.6	1.2	1.6	3.0	5.3	10.5	35.2	240.7	
NICARAGUA	1977	2.2	1.8	10.9	0.3	-	-	-	-	-	-	13.2	
PANAMA	1974	6.0	5.8	25.5	2.4	-	-	-	-	-	-	54.9	
PARAGUAY (*)	1978	7.9	9.9	44.0	1.3	2.6	-	-	3.8	3.0	5.4	-	
PERU	1978	10.4	10.6	45.8	1.7	0.8	0.8	1.2	2.2	6.1	17.6	105.1	
PUERTO RICO	1977	1.5	0.8	-	-	-	-	0.6	0.7	-	4.2	41.3	
ST. VINCENT	1979	21.6	22.3	127.0	-	-	-	-	-	-	-	-	
SURINAME	1978	2.7	2.8	17.3	-	-	-	-	-	-	-	-	
TRINIDAD AND TOBAGO	1977	5.3	4.7	6.5	-	-	-	-	-	6.0	29.3	235.7	
UNITED STATES	1978	1.5	0.5	0.5	0.0	0.1	0.1	0.1	0.3	0.9	2.3	21.2	
URUGUAY	1978	6.8	6.7	40.4	0.8	0.4	0.4	-	1.6	2.2	3.1	40.8	
VENEZUELA	1978	3.8	3.7	14.7	0.5	0.1	0.5	1.2	1.4	4.5	11.3	55.9	

(\*) AREA OF INFORMATION ONLY.



Table II-5a  
NUMBER OF DEATHS FROM DISEASES OF THE HEART (390-429), BY AGE, SEX, AND COUNTRY

C O U N T R Y	Y E A R	A L L A G E S	A G E I N Y E A R S										U N - K N O W N
			U N D E R 5	5 - 1 4	1 5 - 2 4	2 5 - 3 4	3 5 - 4 4	4 5 - 5 4	5 5 - 6 4	6 5 - 7 4	7 5 A N D O V E R		
B O T H S E X E S													
ARGENTINA	1978	65278	1185	154	387	755	2128	5786	10411	16775	27106	591	
BAHAMAS	1979	163	-	1	4	3	4	24	39	46	40	-	
BARBADOS	1978	460	1	2	1	3	9	32	70	116	225	2	
BELIZE	1979	122	6	3	3	8	-	12	16	26	47	1	
CANADA	1978	58086	27	23	70	205	1008	3797	9141	15065	28711	39	
CHILE	1979	10110	54	35	88	144	294	777	1430	2815	4457	15	
COLOMBIA	1977	23739	487	199	390	564	1160	2404	4225	5916	8198	196	
COSTA RICA	1979	1526	19	11	29	32	77	108	202	408	635	5	
CUBA	1978	16394	60	46	102	174	393	1012	2283	4424	7845	55	
DOMINICA	1978	99	-	4	1	2	1	10	13	25	36	7	
DOMINICAN REPUBLIC	1973	2138	104	46	69	88	138	252	324	437	597	84	
ECUADOR	1978	4881	48	67	186	217	265	423	642	934	1926	171	
EL SALVADOR	1974	1008	16	23	28	40	61	119	193	247	273	8	
GUATEMALA	1978	2406	112	53	103	115	207	282	341	489	686	18	
GUYANA	1977	1014	11	15	19	16	56	136	212	259	267	23	
HONDURAS	1978	1616	164	41	74	67	108	166	237	333	407	19	
JAMAICA	1971	2501	20	29	38	27	77	213	467	624	989	17	
MARTINIQUE	1975	346	2	1	5	4	13	30	50	78	163	-	
MEXICO	1976	48299	4087	700	1254	1572	2437	4009	5981	9639	18100	517	
NICARAGUA	1977	1404	64	21	42	61	91	128	209	331	448	-	
PANAMA	1974	1107	7	7	18	18	37	86	161	293	480	-	
PARAGUAY (*)	1978	1625	12	3	30	40	73	143	234	351	719	15	
PERU	1978	5335	295	87	151	142	223	399	614	948	2299	176	
PUERTO RICO	1978	5438	40	13	19	43	139	323	708	1280	2790	10	
ST. VINCENT	1979	168	-	1	-	-	1	11	24	52	71	7	
SURINAME	1973	404	-	4	2	11	17	50	69	88	152	4	
TRINIDAD AND TOBAGO	1977	1815	3	4	12	23	68	196	390	533	589	-	
UNITED STATES	1978	735000	1124	358	1115	2947	11509	43971	108500	185049	380307	220	
URUGUAY	1978	6802	28	18	45	32	155	475	1026	1761	3274	26	
VENEZUELA	1973	10827	157	70	124	217	461	1279	2157	2693	3674	15	
M A L E													
ARGENTINA	1978	37965	646	82	204	439	1480	4345	7572	10514	12331	352	
BAHAMAS	1979	90	-	-	2	2	3	13	29	26	17	-	
BARBADOS	1978	200	1	1	1	1	5	16	35	61	76	-	
BELIZE	1979	63	3	3	2	1	-	7	9	18	20	-	
CANADA	1978	33955	12	18	35	158	813	3056	6850	9792	13197	24	
CHILE	1979	5274	29	22	46	77	163	486	865	1593	1987	6	
COLOMBIA	1977	12293	269	103	198	274	591	1336	2419	3171	3818	114	
COSTA RICA	1979	874	9	8	16	20	44	78	120	249	327	3	
CUBA	1978	9400	35	22	39	85	237	663	1462	2650	4166	41	
DOMINICA	1978	34	-	-	-	-	1	5	3	12	10	-	
DOMINICAN REPUBLIC	1978	1181	51	23	32	50	80	142	205	248	296	54	
ECUADOR	1978	2407	8	30	96	113	128	233	370	514	867	55	
EL SALVADOR	1974	519	4	7	13	13	33	69	106	125	136	7	
GUATEMALA	1978	1205	57	30	49	69	97	169	170	231	319	14	
GUYANA	1977	559	7	8	8	7	41	83	144	142	108	11	
HONDURAS	1978	859	81	28	35	38	66	80	141	167	212	11	
JAMAICA	1971	1281	13	13	15	16	41	135	280	349	408	11	
MARTINIQUE	1975	138	1	1	3	5	5	14	22	37	57	-	
MEXICO	1976	24198	2209	386	582	726	1267	2288	3408	5075	7991	273	
NICARAGUA	1977	681	36	10	18	37	49	72	108	155	196	-	
PANAMA	1974	615	4	4	12	8	16	60	108	177	226	-	
PARAGUAY (*)	1978	800	7	5	10	13	41	89	148	185	294	8	
PERU	1978	2628	197	45	71	71	122	244	367	534	942	75	
PUERTO RICO	1977	2941	18	6	10	25	97	206	504	736	1330	9	
ST. VINCENT	1979	69	-	-	-	-	-	5	11	24	26	3	
SURINAME	1978	232	-	2	1	5	11	33	45	46	82	1	
TRINIDAD AND TOBAGO	1977	983	-	1	5	11	35	123	233	316	259	-	
UNITED STATES	1978	400852	602	183	682	1967	8769	33658	77764	114937	162153	137	
URUGUAY	1978	3872	15	11	25	17	55	112	270	410	1464	20	
VENEZUELA	1978	6020	82	35	74	123	315	896	1372	1576	1574	13	
F E M A L E													
ARGENTINA	1978	27313	539	72	183	316	648	1441	2839	6261	14775	239	
BAHAMAS	1979	73	-	-	2	2	1	11	14	20	23	-	
BARBADOS	1978	260	-	1	1	1	4	16	31	55	149	1	
BELIZE	1979	59	3	2	1	1	-	5	7	8	27	1	
CANADA	1978	24131	15	5	35	47	195	741	2291	5273	15514	15	
CHILE	1979	4836	25	14	42	67	131	291	565	1222	2470	9	
COLOMBIA	1977	11446	218	96	192	290	569	1068	1806	2745	4380	82	
COSTA RICA	1979	652	10	3	13	12	33	30	82	159	308	2	
CUBA	1978	6994	29	24	63	89	156	349	821	1774	3679	14	
DOMINICA	1978	65	-	1	1	2	-	5	10	13	26	5	
DOMINICAN REPUBLIC	1978	957	53	23	36	38	58	110	119	189	301	30	
ECUADOR	1978	2474	25	39	90	126	137	190	272	420	1059	116	
EL SALVADOR	1974	489	8	16	13	27	28	50	87	122	137	11	
GUATEMALA	1978	1201	55	23	54	46	110	113	171	258	367	4	
GUYANA	1977	455	4	7	11	9	15	53	68	117	159	12	
HONDURAS	1978	757	83	13	39	29	42	86	96	166	195	8	
JAMAICA	1971	1220	7	16	23	11	36	78	187	275	581	6	
MARTINIQUE	1975	208	-	1	2	2	8	18	28	41	111	-	
MEXICO	1976	23973	1867	312	671	842	1162	1714	2566	4543	10084	212	
NICARAGUA	1977	723	28	11	24	24	42	56	101	176	252	9	
PANAMA	1974	492	3	6	6	10	21	26	53	116	254	-	
PARAGUAY (*)	1978	825	5	3	20	27	32	54	86	166	125	7	
PERU	1978	2708	138	42	82	71	101	155	247	414	1357	101	
PUERTO RICO	1977	2497	22	4	5	18	42	117	247	544	1400	1	
ST. VINCENT	1979	99	-	1	1	6	6	17	24	28	45	4	
SURINAME	1978	172	-	2	1	6	6	17	24	42	70	3	
TRINIDAD AND TOBAGO	1977	833	-	3	5	12	33	73	157	217	330	-	
UNITED STATES	1978	334148	522	175	433	880	2740	10313	30736	70112	218154	83	
URUGUAY	1978	2940	7	7	14	7	14	24	43	61	110	6	
VENEZUELA	1978	4807	55	35	50	94	146	423	785	1117	2100	2	

(\*) AREA OF INFORMATION ONLY.

Table II-5b  
CRUDE, AGE-ADJUSTED, AND AGE-SPECIFIC DEATH RATES PER 100,000 POPULATION FROM  
DISEASES OF THE HEART (390-429), BY SEX AND COUNTRY

C O U N T R Y	Y E A R	C R U D E R A T E	A G E - A D J U S T E D R A T E	A G E I N Y E A R S									
				U N D E R 5	5 - 1 4	1 5 - 2 4	2 5 - 3 4	3 5 - 4 4	4 5 - 5 4	5 5 - 6 4	6 5 - 7 4	7 5 A N D O V E R	
B O T H S E X E S													
ARGENTINA	1978	247.3	128.7	43.0	3.2	8.6	20.2	65.6	191.8	464.2	1165.7	4088.4	
BAHAMAS	1979	71.8	74.1	2.9	1.6	11.0	12.0	17.9	150.0	371.4	884.6	1603.0	
BARBADOS	1978	173.5	81.1	-	3.3	1.8	9.1	40.2	135.0	339.1	630.1	2914.5	
BELIZE	1979	77.2	74.5	21.4	6.0	11.5	50.0	200.0	120.0	200.0	650.0	2350.0	
CANADA	1978	247.3	105.9	1.5	0.6	1.5	5.3	37.5	153.2	451.6	1124.3	3611.4	
CHILE	1979	92.9	65.7	4.4	1.5	3.9	8.6	23.9	84.5	227.4	708.0	2307.0	
COLUMBIA	1977	99.8	109.5	12.5	2.7	7.5	15.2	50.3	151.7	452.4	1138.6	3421.5	
COSTA RICA	1979	70.3	71.3	6.7	2.0	5.8	10.0	38.2	74.3	214.5	766.5	2584.9	
CUBA	1978	169.2	105.2	5.5	1.9	6.4	12.4	37.7	120.8	357.8	1005.5	4064.8	
DOMINICA	1978	121.8	79.9	-	15.7	7.4	30.3	16.7	172.4	282.6	833.3	2000.0	
DOMINICAN REPUBLIC	1978	41.7	45.9	11.8	2.9	6.9	15.1	28.3	85.9	186.3	437.9	1017.0	
ECUADOR	1978	61.8	66.0	3.5	3.2	12.2	21.5	30.1	86.6	197.8	546.4	2333.2	
EL SALVADOR	1974	25.9	28.7	3.3	2.1	3.7	8.3	17.6	47.2	121.7	271.1	702.0	
GUATEMALA	1978	35.2	42.9	9.4	2.8	7.6	12.9	33.1	63.5	135.3	359.6	1270.4	
GUYANA	1977	125.2	131.2	9.3	6.4	10.6	17.2	83.6	261.5	573.0	1295.0	3337.5	
HONDURAS	1978	47.0	56.8	23.4	4.2	11.2	16.0	37.1	81.4	178.2	489.7	1565.4	
JAMAICA	1978	71.6	109.8	6.6	5.3	10.5	12.5	53.8	153.1	376.6	1008.1	3768.8	
MARTINIQUE	1975	108.1	76.0	6.1	1.0	7.0	15.2	40.6	120.0	250.0	650.0	2716.7	
MEXICO	1976	77.5	82.7	36.8	4.0	10.3	19.7	44.8	109.9	278.6	691.0	2508.1	
NICARAGUA	1977	60.7	69.1	15.7	2.9	9.5	22.9	43.2	97.4	260.9	760.5	1695.7	
PANAMA	1974	73.1	66.6	2.7	1.6	6.0	8.8	24.9	77.8	221.5	780.6	2286.5	
PARAGUAY (*)	1978	98.4	87.8	4.7	1.7	9.6	21.2	51.0	128.8	316.2	856.1	2765.4	
PERU	1978	31.7	32.7	11.5	1.9	4.6	6.3	14.3	35.9	86.6	239.2	1266.9	
PUEERTO RICO	1977	163.8	92.6	10.7	1.3	2.2	9.6	41.2	116.6	364.8	907.8	3244.2	
ST. VINCENT	1979	148.1	120.0	-	3.3	5.3	-	10.6	142.9	461.5	1793.1	3736.8	
SURINAME	1978	108.0	104.2	11.8	3.6	3.2	23.4	48.2	219.7	410.2	834.9	3234.0	
TRINIDAD AND TOBAGO	1977	162.3	151.5	2.4	1.4	4.0	14.2	63.7	224.9	590.3	1547.5	5255.6	
UNITED STATES	1978	317.9	151.7	1.1	1.0	2.7	8.5	40.4	140.5	466.6	1217.0	4056.6	
URUGUAY	1978	233.5	96.6	10.2	1.1	2.0	5.5	42.1	136.3	384.8	988.6	3232.0	
VENEZUELA	1978	82.5	95.8	6.4	2.0	4.4	12.1	40.3	147.4	401.7	935.1	3113.6	
M A L E													
ARGENTINA	1978	287.9	162.3	46.0	3.3	8.9	23.2	90.8	288.9	697.9	1557.6	4357.2	
BAHAMAS	1979	81.1	93.9	5.7	3.2	11.4	11.8	26.8	166.7	500.0	1181.8	1988.9	
BARBADOS	1978	159.0	87.9	-	3.2	1.5	7.9	48.8	137.0	376.4	730.5	2968.8	
BELIZE	1979	79.7	75.8	21.4	12.0	15.4	12.5	8.2	140.0	225.0	900.0	2000.0	
CANADA	1978	290.8	145.5	1.3	0.9	1.5	8.2	59.8	247.2	707.6	1592.2	4257.1	
CHILE	1979	97.5	80.5	4.7	1.8	4.0	9.3	26.8	108.9	293.3	910.5	2710.0	
COLUMBIA	1977	99.8	119.6	13.6	2.8	8.0	18.6	53.5	172.6	502.5	1262.3	3574.9	
COSTA RICA	1979	79.9	85.6	6.2	2.9	6.3	12.4	43.4	107.3	260.5	973.0	2904.1	
CUBA	1978	190.0	117.1	6.2	1.9	4.8	12.1	45.1	164.9	441.5	1090.5	2294.8	
DOMINICA	1978	88.3	69.5	-	7.8	-	-	38.5	192.3	142.9	1000.0	1668.7	
DOMINICAN REPUBLIC	1978	46.2	50.0	11.5	2.9	6.8	17.8	32.2	91.4	216.5	482.5	1064.7	
ECUADOR	1978	60.5	70.2	3.3	2.7	12.5	17.9	36.8	96.0	231.6	627.7	2382.1	
EL SALVADOR	1974	26.5	31.1	6.2	1.3	3.9	5.3	18.9	55.1	138.7	301.6	805.7	
GUATEMALA	1973	36.8	43.6	3.3	1.7	7.1	15.3	19.7	75.8	186.0	344.8	1274.0	
GUYANA	1977	139.1	158.3	11.8	6.7	9.0	15.6	128.1	319.2	757.9	1577.8	3600.0	
HONDURAS	1978	49.8	62.2	22.8	5.7	10.5	18.0	45.2	78.4	213.6	506.1	1766.7	
JAMAICA	1971	137.0	129.5	8.5	4.6	8.1	15.8	66.6	225.0	499.1	1220.3	4121.2	
MARTINIQUE	1975	89.0	77.2	9.0	2.3	10.7	20.0	33.3	116.7	244.4	740.0	2600.0	
MEXICO	1976	76.9	87.1	39.0	4.3	9.4	18.0	46.6	127.0	327.7	762.6	2419.4	
NICARAGUA	1977	60.1	73.1	17.4	2.3	8.5	29.4	48.8	113.3	282.1	758.9	1737.7	
PANAMA	1974	76.8	74.0	3.1	1.8	8.1	7.8	21.0	102.8	278.3	931.5	2245.0	
PARAGUAY (*)	1978	97.1	99.2	5.3	2.1	6.4	14.1	58.6	164.8	411.1	973.7	2940.0	
PERU	1978	31.2	33.8	12.1	2.0	4.2	6.3	15.7	44.1	105.2	279.0	1140.4	
PUEERTO RICO	1977	180.8	107.1	9.2	1.7	3.0	12.0	61.4	152.7	466.7	1066.7	3325.0	
ST. VINCENT	1979	129.5	142.5	5.5	1.7	3.0	-	14.1	151.0	550.0	2400.0	4333.0	
SURINAME	1978	124.3	127.8	19.7	3.5	3.2	22.0	62.4	285.7	553.5	872.9	3961.4	
TRINIDAD AND TOBAGO	1977	172.8	190.3	-	6.7	3.9	13.1	67.3	275.8	712.0	1820.8	7252.9	
UNITED STATES	1978	371.2	166.1	7.5	1.0	3.2	11.6	72.7	294.3	781.0	1740.2	4839.9	
URUGUAY	1978	275.9	128.1	10.9	1.5	4.9	13.6	62.0	206.3	595.1	1312.6	3744.2	
VENEZUELA	1978	91.6	111.8	7.5	2.0	5.3	14.1	55.6	192.8	510.0	1150.4	3148.0	
F E M A L E													
ARGENTINA	1978	206.8	97.5	39.8	3.0	8.2	17.1	40.2	95.2	245.2	819.5	3888.2	
BAHAMAS	1979	64.6	58.6	-	-	10.8	12.1	8.9	136.1	254.5	666.7	1437.5	
BARBADOS	1978	187.6	75.8	-	6.8	3.5	5.6	32.9	117.0	301.6	546.7	2887.0	
BELIZE	1979	74.7	73.1	21.4	6.0	7.7	87.5	-	100.0	175.0	400.0	2700.0	
CANADA	1978	204.3	71.3	1.8	0.3	1.5	2.5	14.7	59.6	217.0	727.3	3198.8	
CHILE	1979	87.8	54.2	4.2	1.2	3.7	8.0	21.0	61.5	169.2	548.9	2060.5	
COLUMBIA	1977	89.9	100.1	11.4	2.7	7.2	17.9	47.4	131.8	364.4	1022.7	3298.2	
COSTA RICA	1979	60.6	58.1	7.2	1.1	7.5	32.9	41.3	170.4	575.3	2314.4	7.2	
CUBA	1978	147.5	92.5	4.7	2.0	8.0	12.8	88.6	267.4	900.5	3832.3		
DOMINICA	1978	151.9	88.5	-	24.0	18.9	54.1	-	156.3	400.0	722.2	2166.7	
DOMINICAN REPUBLIC	1978	37.3	41.5	12.1	3.9	6.9	12.6	24.3	79.8	150.3	390.5	974.1	
ECUADOR	1978	63.1	62.3	3.8	3.7	11.9	25.1	39.4	77.3	165.1	472.1	2277.1	
EL SALVADOR	1974	25.3	25.9	2.3	3.0	3.5	11.4	16.2	39.4	105.9	245.6	622.4	
GUATEMALA	1978	35.6	42.2	9.4	2.5	8.1	10.5	35.6	51.1	136.6	373.9	1265.5	
GUYANA	1977	111.5	106.4	6.9	6.0	12.2	18.8	42.8	235.8	377.8	1066.6	3180.0	
HONDURAS	1978	44.2	51.8	24.0	2.7	11.9	13.9	29.0	84.3	143.3	474.3	1392.9	
JAMAICA	1971	126.4	93.9	4.7	6.0	13.0	9.6	44.2	110.5	316.9	825.8	3521.2	
MARTINIQUE	1975	126.1	74.7	4.1	-	3.4	11.1	47.1	123.1	254.5	585.7	2775.0	
MEXICO	1976	77.7	78.1	34.2	1.3	11.3	21.3	42.7	92.8	231.8	622.8	2576.6	
NICARAGUA	1977	61.4	65.5	13.9	3.1	10.4	17.9	38.5	82.5	241.5	761.9	1864.4	
PANAMA	1974	63.1	58.5	2.4	1.4	4.0	9.8	29.0	49.8	156.4	625.9	2324.7	
PARAGUAY (*)	1978	99.6	77.9	4.0	1.3	12.8	27.8	43.8	94.7	226.3	754.5	2656.3	
PERU	1978	32.3	31.5	10.9	1.9	4.9	6.3	12.9	27.8	68.6	202.0	1370.7	
PUEERTO RICO	1977	147.5	78.9	12.1	1.1	1.5	10.1	7.5	23.5	81.8	263.0	3173.9	
ST. VINCENT	1979	164.7	109.2	6.2	3.2	6.2	10.1	15.5	135.5	406.3	147.9	2661.6	
SURINAME	1978	91.8	82.7	3.5	3.6	3.1	24.7	34.0	151.7	276.2	599.0	2661.6	
TRINIDAD AND TOBAGO	1977	151.5	125.1	4.8	2.2	4.2	15.9	60.4	171.7	470.9	1270.0	4321.6	
UNITED STATES	1978	292.9	85.7	6.8	1.0	2.1	5.1	21.6	84.8	277.2	815.3	3675.5	
URUGUAY	1978	200.6	69.1	9.5	1.2	3.0	3.7	23.0	70.2	186.6	691.4	2910.0	
VENEZUELA	1978	73.4	80.3	5.3	2.1	3.6	10.2	25.3	99.8	292.9	739.7	3088.2	

(\*) AREA OF INFORMATION ONLY.

Table II-5a  
NUMBER OF DEATHS FROM HYPERTENSIVE DISEASE (400-404), BY AGE, SEX, AND COUNTRY

COUNTRY	YEAR	ALL AGES	AGE IN YEARS										UN-KNOWN
			UNDER 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75 AND OVER		
BOTH SEXES													
ARGENTINA	1978	3353	-	3	18	41	142	361	643	884	1237	24	
BAHAMAS	1979	28	-	1	-	-	-	3	6	9	8	-	
BARBADOS	1978	66	-	-	-	-	-	2	7	16	37	1	
BELIZE	1979	23	-	-	-	-	-	5	5	2	4	-	
CANADA	1978	1514	1	2	-	3	17	53	176	330	927	5	
CHILE	1979	966	-	-	2	3	23	56	138	292	447	5	
COLOMBIA	1977	3445	6	11	31	70	180	393	608	888	1235	23	
COSTA RICA	1979	76	-	-	1	-	5	4	14	23	29	-	
CUBA	1978	708	-	1	4	12	47	79	120	188	254	7	
DOMINICA	1978	52	-	1	-	-	1	5	11	15	22	7	
DOMINICAN REPUBLIC	1978	381	-	1	9	15	28	46	66	75	115	26	
ECUADOR	1978	413	-	1	7	9	23	39	48	102	169	15	
EL SALVADOR	1974	22	-	-	1	-	1	3	7	4	5	-	
GUATEMALA	1978	247	1	1	2	11	20	35	41	59	75	2	
GUYANA	1977	247	-	1	1	4	12	27	53	70	73	7	
HONDURAS	1978	90	-	-	3	-	9	13	22	35	35	-	
JAMAICA	1971	638	4	-	-	7	16	46	146	175	245	2	
MARTINIQUE	1975	84	-	-	-	-	3	7	16	25	33	-	
MEXICO	1976	2621	-	8	44	49	96	216	374	616	1195	23	
NICARAGUA	1977	39	-	-	1	-	2	5	8	11	13	-	
PANAMA	1974	86	-	-	-	4	9	9	17	16	35	-	
PARAGUAY (*)	1978	117	1	1	-	2	4	13	19	25	52	-	
PERU	1978	525	-	1	5	7	22	59	70	115	233	13	
PUERTO RICO	1977	546	-	2	-	6	25	46	97	153	215	4	
ST. VINCENT	1979	95	-	-	-	-	3	6	13	28	44	2	
SURINAME	1977	118	-	-	1	-	3	17	30	31	32	-	
TRINIDAD AND TOBAGO	1977	119	-	-	-	3	16	51	106	120	143	-	
UNITED STATES	1978	15826	8	2	30	121	327	860	1968	3618	8889	3	
URUGUAY	1978	387	-	-	-	18	12	43	71	102	157	1	
VENEZUELA	1978	1049	1	2	11	18	36	129	174	241	437	-	
MALE													
ARGENTINA	1978	1745	-	1	13	20	80	225	410	469	515	12	
BAHAMAS	1979	14	-	-	-	-	-	1	2	5	5	-	
BARBADOS	1978	27	-	-	-	-	-	1	4	10	11	1	
BELIZE	1979	9	-	-	-	-	-	3	3	2	3	-	
CANADA	1978	681	-	2	-	-	9	32	94	182	361	1	
CHILE	1979	368	-	2	-	2	9	27	61	113	153	2	
COLOMBIA	1977	1548	2	5	16	33	77	178	305	418	504	10	
COSTA RICA	1979	32	-	-	-	-	1	2	6	12	11	-	
CUBA	1978	369	-	-	2	5	31	38	70	103	118	2	
DOMINICA	1978	19	-	-	-	-	-	3	3	4	7	-	
DOMINICAN REPUBLIC	1978	212	-	1	5	8	15	25	38	45	61	18	
ECUADOR	1978	204	-	1	5	4	10	20	24	59	78	3	
EL SALVADOR	1974	11	-	-	1	-	-	1	5	1	2	-	
GUATEMALA	1978	99	-	1	1	5	9	14	18	25	26	-	
GUYANA	1977	118	-	-	-	2	-	14	30	36	25	4	
HONDURAS	1978	35	1	-	-	-	-	14	7	12	12	-	
JAMAICA	1971	233	-	-	-	5	6	26	78	82	115	1	
MARTINIQUE	1975	30	-	-	-	-	1	3	5	9	12	-	
MEXICO	1976	1014	-	2	14	25	43	101	167	247	402	13	
NICARAGUA	1977	17	-	-	-	-	2	2	3	5	5	-	
PANAMA	1974	47	-	-	-	1	2	6	7	8	19	-	
PARAGUAY (*)	1978	44	1	-	-	-	1	7	8	10	17	-	
PERU	1978	247	-	-	2	4	9	36	34	63	92	7	
PUERTO RICO	1977	291	-	1	-	4	21	31	56	82	94	2	
ST. VINCENT	1979	34	-	-	-	-	-	6	12	14	14	-	
SURINAME	1978	62	-	-	1	2	1	6	24	8	17	-	
TRINIDAD AND TOBAGO	1977	210	-	-	-	1	6	26	62	56	119	-	
UNITED STATES	1978	6963	6	-	20	80	194	500	1072	1807	3284	1	
URUGUAY	1978	191	-	-	-	-	4	25	46	49	66	1	
VENEZUELA	1978	475	1	2	6	10	20	68	94	127	147	-	
FEMALE													
ARGENTINA	1978	1608	-	2	5	21	62	136	233	415	722	12	
BAHAMAS	1979	14	-	-	-	-	-	2	4	4	3	-	
BARBADOS	1978	39	-	-	-	-	-	1	3	6	26	-	
BELIZE	1979	14	-	-	-	-	-	2	2	1	11	-	
CANADA	1978	833	1	-	-	3	8	21	82	148	566	4	
CHILE	1979	598	-	1	-	1	14	29	77	179	294	3	
COLOMBIA	1977	1897	4	6	15	37	103	215	303	470	731	13	
COSTA RICA	1979	44	-	-	1	-	4	2	8	11	18	-	
CUBA	1978	339	-	1	2	7	16	41	50	85	136	1	
DOMINICA	1978	33	-	-	-	-	-	3	2	7	15	-	
DOMINICAN REPUBLIC	1978	169	-	1	8	7	13	21	28	30	54	8	
ECUADOR	1978	209	-	-	2	5	13	19	24	43	91	12	
EL SALVADOR	1974	11	-	-	-	-	1	2	2	3	3	-	
GUATEMALA	1978	148	1	-	1	6	11	21	23	34	49	2	
GUYANA	1977	129	-	-	1	2	5	13	23	34	48	3	
HONDURAS	1978	55	3	-	-	-	2	6	10	23	23	1	
JAMAICA	1971	365	-	-	1	2	10	20	68	93	170	1	
MARTINIQUE	1975	54	-	-	-	-	2	4	11	16	21	-	
MEXICO	1976	1601	-	6	30	24	53	114	206	368	791	9	
NICARAGUA	1977	22	-	-	1	-	3	2	5	8	16	-	
PANAMA	1974	39	-	-	-	-	1	3	5	8	16	-	
PARAGUAY (*)	1978	73	-	-	-	3	3	6	11	15	35	-	
PERU	1978	278	-	1	3	3	13	23	36	52	141	6	
PUERTO RICO	1977	255	-	1	-	2	4	15	41	71	121	-	
ST. VINCENT	1979	61	-	-	-	-	-	4	8	16	30	3	
SURINAME	1978	56	-	-	-	1	2	6	6	23	15	-	
TRINIDAD AND TOBAGO	1977	229	-	-	-	7	10	25	44	64	84	-	
UNITED STATES	1978	8863	2	2	10	41	133	360	896	1811	5605	3	
URUGUAY	1978	196	-	-	-	1	8	18	25	53	91	-	
VENEZUELA	1978	574	-	-	5	8	16	61	80	114	290	-	

(\*) AREA OF INFORMATION ONLY.

Table II-5b  
CRUDE, AGE-ADJUSTED, AND AGE-SPECIFIC DEATH RATES PER 100,000 POPULATION FROM  
HYPERTENSIVE DISEASE (400-404), BY SEX AND COUNTRY

COUNTRY	YEAR	CRUDE RATE	AGE-ADJUSTED RATE	UNDER 5	AGE IN YEARS								
					5-14	15-24	25-34	35-44	45-54	55-64	65-74	75 AND OVER	
BOTH SEXES													
ARGENTINA	1978	12.7	6.5	-	0.1	0.4	1.1	4.4	12.0	28.7	61.4	186.6	
BAHAMAS	1979	12.5	12.6	-	1.6	-	-	-	18.8	57.9	173.1	320.0	
BARBADOS	1978	24.9	10.8	-	-	-	-	-	21.1	33.9	86.9	479.3	
BELIZE	1979	14.6	13.8	-	-	-	-	-	20.0	63.5	50.0	700.0	
CANADA	1978	6.4	2.6	0.1	0.1	-	-	0.1	0.6	2.1	8.7	116.6	
CHILE	1979	8.8	6.1	-	-	0.1	-	0.2	1.9	6.1	21.9	73.4	
COLUMBIA	1977	13.8	16.0	0.2	0.2	0.6	2.3	7.8	24.8	62.2	170.9	515.4	
COSTA RICA	1979	3.5	3.6	-	-	0.2	0.2	2.5	2.8	14.9	43.7	118.0	
CUBA	1978	7.3	6.8	-	0.0	0.2	0.9	4.5	6.9	18.8	42.7	131.6	
DOMINICA	1978	64.0	37.0	-	3.9	-	-	16.7	86.2	108.7	366.7	1222.2	
DOMINICAN REPUBLIC	1978	7.4	8.1	-	0.1	0.9	2.6	5.7	15.7	38.0	75.2	195.9	
ECUADOR	1978	5.2	5.6	-	0.0	0.5	0.9	3.3	8.0	14.8	59.7	203.9	
EL SALVADOR	1974	0.6	0.6	-	0.1	0.1	0.2	0.3	1.2	4.4	4.4	12.9	
GUATEMALA	1978	3.6	4.5	0.1	0.1	0.2	1.2	3.2	7.9	16.3	46.4	138.9	
GUYANA	1977	30.5	31.8	-	-	0.6	4.3	17.9	51.9	145.2	350.0	912.5	
HONDURAS	1978	2.6	3.4	0.6	-	0.5	0.2	0.7	4.4	9.8	32.4	134.6	
JAMAICA	1971	33.6	27.6	-	-	0.3	3.2	11.2	35.2	126.8	282.7	928.0	
MARTINIQUE	1975	26.3	18.0	-	-	-	-	9.4	28.0	80.0	208.3	550.0	
MEXICO	1976	4.2	4.0	-	0.0	-	0.6	1.8	3.0	7.4	42.4	165.6	
NICARAGUA	1977	1.7	2.0	-	-	-	-	1.0	10.0	25.3	49.2	166.7	
PANAMA	1974	5.4	5.3	-	-	-	2.0	3.4	8.1	23.4	42.6	166.7	
PARAGUAY (*)	1978	7.1	6.4	0.4	0.2	-	-	1.1	2.8	11.7	25.7	61.0	
PERU	1978	3.1	3.2	-	0.0	0.1	-	0.3	1.4	5.3	9.9	29.0	
PUERTO RICO	1977	16.4	16.8	-	-	0.3	-	1.3	7.4	16.6	44.9	108.5	
ST. VINCENT	1979	81.9	66.8	-	-	-	-	37.9	23.9	99.9	231.9	680.9	
SURINAME	1978	31.6	30.7	-	-	1.6	6.4	8.5	17.4	178.4	294.1	680.9	
TRINIDAD AND TOBAGO	1977	39.2	36.6	-	-	-	1.9	15.0	58.5	160.4	348.4	1276.0	
UNITED STATES	1978	7.1	2.6	0.1	0.0	0.1	0.4	1.3	3.6	9.4	23.8	95.7	
URUGUAY	1978	13.5	5.7	-	-	-	0.3	3.3	12.3	26.6	56.9	155.0	
VENEZUELA	1978	8.0	9.5	0.0	0.1	0.4	-	1.0	3.1	14.9	32.4	370.3	
MALE													
ARGENTINA	1978	13.2	7.4	-	0.0	0.6	1.1	4.9	15.0	37.8	69.5	182.0	
BAHAMAS	1979	12.6	15.4	-	3.2	-	-	-	12.8	40.0	227.3	555.6	
BARBADOS	1978	21.4	10.3	-	-	-	-	-	10.0	38.6	119.8	429.7	
BELIZE	1979	11.3	10.8	-	-	-	-	-	20.0	75.0	100.0	300.0	
CANADA	1978	5.8	2.5	-	0.1	-	-	-	0.7	2.7	29.6	100.0	
CHILE	1979	6.8	5.6	-	-	0.1	-	0.2	1.5	6.1	20.7	64.6	
COLUMBIA	1977	12.6	15.2	0.1	0.1	0.6	2.2	7.0	23.0	63.4	166.4	471.9	
COSTA RICA	1979	2.9	3.1	-	-	-	-	1.0	2.8	13.0	46.9	97.7	
CUBA	1978	7.5	4.8	-	-	0.2	0.7	5.9	9.4	21.1	42.4	121.6	
DOMINICA	1978	49.6	37.7	-	-	-	-	38.6	76.9	142.9	333.3	1168.7	
DOMINICAN REPUBLIC	1978	8.3	8.7	-	0.1	0.2	2.8	6.0	16.1	40.1	87.5	215.4	
ECUADOR	1978	5.1	6.0	-	0.1	0.7	0.8	2.9	8.2	15.0	72.0	214.3	
EL SALVADOR	1974	0.6	0.7	-	-	0.3	0.4	-	0.8	6.5	2.4	11.8	
GUATEMALA	1978	2.9	3.7	-	0.1	0.1	1.1	2.8	6.3	14.4	37.3	104.0	
GUYANA	1977	29.4	33.2	-	-	-	4.4	21.9	53.8	157.9	400.0	833.3	
HONDURAS	1978	2.0	2.8	0.3	-	-	-	-	10.3	22.9	36.4	100.0	
JAMAICA	1971	29.2	26.8	-	-	-	4.9	9.7	43.3	139.0	286.7	757.6	
MARTINIQUE	1975	19.4	16.3	-	-	-	-	6.7	25.0	55.6	180.0	600.0	
MEXICO	1976	3.2	3.7	-	0.0	0.2	0.6	1.6	5.6	16.1	37.5	121.7	
NICARAGUA	1977	1.5	1.9	-	-	-	-	2.0	3.1	7.8	24.5	44.3	
PANAMA	1974	5.9	5.9	-	-	-	1.0	1.4	13.0	23.2	42.1	188.7	
PARAGUAY (*)	1978	5.3	5.5	0.8	-	-	-	1.4	1.4	22.2	52.6	170.0	
PERU	1978	2.9	3.2	-	-	0.1	-	1.2	6.5	9.7	32.9	111.4	
PUERTO RICO	1977	17.9	11.3	-	0.3	-	1.9	13.3	23.1	51.9	118.8	235.0	
ST. VINCENT	1979	63.8	71.0	-	-	-	-	58.8	250.0	1200.0	2333.3		
SURINAME	1978	36.9	34.3	-	-	3.2	8.8	5.7	17.9	285.5	151.8	813.3	
TRINIDAD AND TOBAGO	1977	36.9	41.3	-	-	-	8.2	11.5	58.3	185.5	322.7	1652.2	
UNITED STATES	1978	6.4	2.9	0.1	-	0.1	0.5	1.6	4.4	10.8	27.4	98.0	
URUGUAY	1978	13.6	6.3	-	-	-	-	2.2	14.6	35.5	58.5	168.8	
VENEZUELA	1978	7.2	9.0	0.1	0.1	0.4	1.1	3.5	15.3	34.9	92.7	294.0	
FEMALE													
ARGENTINA	1978	12.2	5.7	-	0.1	0.2	1.1	3.8	9.0	20.1	54.3	190.0	
BAHAMAS	1979	12.4	11.3	-	-	-	6.1	-	24.4	77.7	133.3	187.5	
BARBADOS	1978	28.1	10.8	-	-	-	-	-	29.3	29.2	59.6	503.9	
BELIZE	1979	17.7	16.7	-	-	-	-	-	20.0	50.0	-	1100.0	
CANADA	1978	7.1	2.5	0.1	-	-	0.2	0.6	1.7	7.8	20.4	116.7	
CHILE	1979	10.9	6.5	-	-	0.1	-	0.1	2.1	8.4	24.3	84.3	
COLUMBIA	1977	14.9	16.7	0.2	0.2	0.6	2.3	8.6	26.5	61.1	175.1	550.5	
COSTA RICA	1979	4.1	4.0	-	-	0.4	-	4.0	2.8	16.6	39.8	135.3	
CUBA	1978	7.1	4.7	-	0.1	0.3	1.0	10.4	16.3	43.1	141.7		
DOMINICA	1978	6.6	7.4	-	8.0	-	-	93.8	80.0	388.9	1250.0		
DOMINICAN REPUBLIC	1978	7.1	36.4	-	-	1.5	2.3	5.4	15.2	35.4	62.0	174.8	
ECUADOR	1978	5.3	5.2	-	-	0.3	2.0	3.7	7.7	14.6	48.3	195.7	
EL SALVADOR	1974	0.6	0.6	-	-	-	-	0.6	1.6	2.4	6.0	13.6	
GUATEMALA	1978	4.4	5.3	0.2	0.2	1.4	3.6	9.5	18.1	49.3	169.0		
GUYANA	1978	31.6	30.3	-	-	1.1	4.2	14.3	50.0	127.8	309.1	960.0	
HONDURAS	1978	3.2	4.0	0.9	-	0.9	0.5	1.4	5.9	28.6	64.3	164.3	
JAMAICA	1971	37.6	27.6	-	-	0.6	1.8	12.3	28.3	111.9	279.3	1036.3	
MARTINIQUE	1975	32.7	19.6	-	-	-	-	11.8	30.8	100.0	228.6	525.0	
MEXICO	1976	5.2	5.3	-	0.1	0.5	0.6	1.9	6.2	18.6	50.4	202.1	
NICARAGUA	1977	1.9	2.1	-	-	-	0.4	-	2.9	12.0	26.0	52.8	
PANAMA	1974	5.0	4.1	-	-	-	-	3.0	1.4	5.8	23.6	146.4	
PARAGUAY (*)	1978	8.8	7.4	-	-	0.4	-	1.4	1.7	4.1	10.0	142.4	
PERU	1978	3.3	3.3	-	0.0	0.2	0.3	1.7	4.1	10.0	25.4	142.4	
PUERTO RICO	1977	15.1	8.3	-	0.3	-	0.8	2.2	10.5	38.0	98.6	263.0	
ST. VINCENT	1979	101.5	65.0	-	-	-	-	93.0	250.0	842.1	2307.7		
SURINAME	1978	29.9	27.0	-	-	-	4.1	11.3	71.4	69.0	436.4	570.3	
TRINIDAD AND TOBAGO	1977	41.6	34.3	-	-	-	2.6	18.3	58.8	132.0	374.6	1100.1	
UNITED STATES	1978	7.8	2.3	0.0	0.0	-	0.0	1.0	3.0	9.4	21.1	94.4	
URUGUAY	1978	13.4	5.1	-	-	-	0.5	4.3	10.2	18.2	55.4	146.3	
VENEZUELA	1978	8.8	9.7	-	-	0.4	0.9	2.8	14.4	29.9	75.5	426.5	

(\*) AREA OF INFORMATION ONLY.

Table II-5a  
NUMBER OF DEATHS FROM ISCHEMIC HEART DISEASE (410-414), BY AGE, SEX, AND COUNTRY

COUNTRY	YEAR	ALL AGES	AGE IN YEARS									UN-KNOWN
			UNDER 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75 AND OVER	
BOTH SEXES												
ARGENTINA	1978	33321	-	15	51	200	941	2971	5601	8982	14286	274
BAHAMAS	1979	51	-	-	-	-	4	9	12	16	10	-
BARBADOS	1978	243	-	-	-	-	2	22	47	71	97	-
BELIZE	1979	39	-	-	-	-	1	3	8	10	15	-
CANADA	1978	50613	-	-	17	128	844	3357	8101	13393	24741	32
CHILE	1979	6683	6	2	11	36	112	455	931	1926	3199	5
COLOMBIA	1977	9890	61	28	115	214	513	1152	1995	2633	3113	66
COSTA RICA	1979	986	2	1	5	10	36	72	138	290	431	2
CUBA	1978	13609	1	1	13	64	252	811	1926	3787	6706	48
DOMINICA	1978	21	-	-	-	-	-	-	4	7	8	-
DOMINICAN REPUBLIC	1978	794	4	5	8	23	61	122	152	190	202	27
ECUADOR	1978	1388	9	2	29	31	75	142	243	311	513	31
EL SALVADOR	1974	382	3	1	6	15	12	42	83	104	121	5
GUATEMALA	1978	345	3	1	6	15	34	49	67	65	105	2
GUYANA	1977	367	-	-	2	9	24	59	90	94	85	8
HONDURAS	1978	201	5	5	6	5	14	17	34	59	51	5
JAMAICA	1971	798	1	-	7	8	26	78	159	187	324	8
MARTINIQUE	1975	68	-	-	-	-	5	5	12	14	26	-
MEXICO	1976	12688	51	22	110	261	585	1314	2188	3269	4783	105
NICARAGUA	1977	203	1	-	-	-	16	22	32	56	63	-
PANAMA	1974	745	-	-	1	5	12	49	101	218	359	-
PARAGUAY (*)	1978	672	-	-	2	8	25	60	112	186	277	2
PERU	1978	2032	6	10	15	31	68	142	271	436	1004	49
PUERTO RICO	1977	3850	-	-	5	17	82	223	562	912	2041	3
ST. VINCENT	1979	44	-	-	-	-	-	9	9	19	10	-
SURINAM	1977	100	1	-	-	-	3	8	18	26	35	1
TRINIDAD AND TOBAGO	1977	1008	1	-	-	11	35	118	237	324	282	-
UNITED STATES	1978	642270	16	20	138	1395	8735	37027	94014	162537	338191	197
URUGUAY	1978	4851	5	3	3	14	84	318	751	1300	2366	14
VENEZUELA	1978	6505	5	3	28	101	285	833	1421	1707	2113	9
MALE												
ARGENTINA	1978	20325	-	10	34	148	760	2454	4325	5852	6575	167
BAHAMAS	1979	33	-	-	-	-	3	6	9	10	5	-
BARBADOS	1978	116	-	-	-	-	1	2	13	27	38	-
BELIZE	1979	27	-	-	-	-	1	2	5	8	13	-
CANADA	1978	30237	-	-	11	110	700	2775	6222	8874	11524	21
CHILE	1979	3648	4	2	7	26	81	316	618	1144	1448	2
COLOMBIA	1977	5515	32	9	59	116	288	723	1238	1495	1513	42
COSTA RICA	1979	604	1	-	5	7	26	57	93	187	228	1
CUBA	1978	7965	1	-	6	41	168	566	1271	2301	3574	36
DOMINICA	1978	5	-	-	-	-	-	-	3	1	1	-
DOMINICAN REPUBLIC	1978	469	2	4	3	15	42	76	97	112	101	17
ECUADOR	1978	780	7	2	15	15	49	85	162	189	245	11
EL SALVADOR	1974	215	2	-	2	1	9	27	51	59	60	4
GUATEMALA	1978	193	1	-	2	7	23	31	41	35	51	5
GUYANA	1977	221	1	-	2	3	20	46	60	51	34	4
HONDURAS	1978	111	3	5	1	3	7	9	20	29	30	5
JAMAICA	1971	452	1	-	6	6	19	55	102	113	144	6
MARTINIQUE	1975	31	-	-	-	-	2	5	6	7	11	-
MEXICO	1976	7339	26	14	56	150	385	918	1465	1919	2336	70
NICARAGUA	1977	102	1	-	4	3	8	15	17	30	24	-
PANAMA	1974	425	-	-	4	3	6	40	74	136	166	-
PARAGUAY (*)	1978	367	-	-	1	4	20	43	80	101	117	1
PERU	1979	1089	4	4	5	19	52	104	185	279	421	16
PUERTO RICO	1977	2114	-	-	5	11	59	152	371	530	979	7
ST. VINCENT	1979	24	-	-	-	-	2	7	11	10	12	-
SURINAM	1978	68	-	-	-	-	16	32	48	61	74	2
TRINIDAD AND TOBAGO	1977	599	-	-	-	9	23	82	148	210	127	-
UNITED STATES	1978	353669	8	11	98	1107	7067	29269	68921	102361	144701	126
URUGUAY	1978	2822	-	-	3	12	70	246	578	835	1066	12
VENEZUELA	1978	3827	4	1	19	69	213	612	960	1023	917	9
FEMALE												
ARGENTINA	1978	12996	-	5	17	52	181	517	1276	3130	7711	107
BAHAMAS	1979	18	-	-	-	-	1	3	3	6	5	-
BARBADOS	1978	127	-	-	-	-	2	9	20	36	59	-
BELIZE	1979	14	-	-	-	-	1	2	5	7	7	-
CANADA	1978	20376	-	-	6	18	144	582	1879	4519	13217	11
CHILE	1979	3035	2	-	4	10	31	135	313	782	1751	3
COLOMBIA	1977	4375	29	19	56	98	225	429	757	1138	1600	24
COSTA RICA	1979	382	2	-	3	10	15	45	85	103	203	1
CUBA	1978	5644	-	-	7	23	84	245	655	1486	3132	12
DOMINICA	1978	16	-	-	-	-	-	1	4	4	7	-
DOMINICAN REPUBLIC	1978	325	2	1	5	8	19	46	55	78	101	10
ECUADOR	1978	606	2	-	14	16	26	57	81	122	268	20
EL SALVADOR	1974	167	1	1	4	4	3	15	32	45	61	1
GUATEMALA	1978	152	2	1	4	6	11	18	26	30	54	-
GUYANA	1977	146	2	-	-	2	4	13	30	43	51	3
HONDURAS	1978	90	2	-	1	2	7	8	14	30	21	1
JAMAICA	1971	346	-	-	1	2	7	23	57	74	180	2
MARTINIQUE	1975	37	-	-	-	-	3	6	6	7	15	-
MEXICO	1976	5333	25	8	54	111	199	392	722	1343	2445	34
NICARAGUA	1977	101	-	-	1	4	8	9	15	26	39	-
PANAMA	1974	320	-	-	1	2	6	9	27	82	193	-
PARAGUAY (*)	1978	305	-	-	1	4	5	17	32	85	160	1
PERU	1978	943	2	6	10	12	16	38	86	157	583	33
PUERTO RICO	1977	1736	-	-	6	6	23	71	191	382	1062	1
ST. VINCENT	1979	20	-	-	-	-	1	2	4	6	13	-
SURINAM	1978	32	-	-	-	-	2	12	36	89	114	155
TRINIDAD AND TOBAGO	1977	439	-	-	-	2	12	36	89	114	155	-
UNITED STATES	1978	288601	8	9	40	288	1668	7758	25093	60176	193490	71
URUGUAY	1978	2029	-	-	1	2	14	72	173	465	1300	2
VENEZUELA	1978	2678	1	2	9	32	72	221	461	684	1196	-

(\*) AREA OF INFORMATION ONLY.

Table II-5b  
 CRUDE, AGE-ADJUSTED, AND AGE-SPECIFIC DEATH RATES PER 100,000 POPULATION FROM  
 ISCHEMIC HEART DISEASE (410-414), BY SEX AND COUNTRY

COUNTRY	YEAR	CRUDE RATE	AGE-ADJUSTED RATE	AGE IN YEARS								
				UNDER 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75 AND OVER
				BOTH SEXES								
ARGENTINA	1978	126.2	62.6	-	0.3	1.1	5.3	29.0	98.5	249.7	624.2	2154.8
BAHAMAS	1979	25.8	25.1	-	-	1.1	-	17.9	26.3	114.3	307.7	400.0
BARBADOS	1978	91.6	43.8	-	-	-	6.0	17.9	92.8	227.7	385.7	1256.5
BELIZE	1979	24.7	23.0	-	-	3.8	-	-	30.0	100.0	250.0	750.0
CANADA	1978	215.5	92.0	-	-	0.4	3.3	31.4	135.4	400.2	999.5	3112.1
CHILE	1979	61.2	42.6	0.5	0.1	0.5	2.6	9.1	49.5	148.1	484.4	1655.8
COLOMBIA	1977	39.5	45.8	1.6	0.4	0.2	6.9	22.2	72.7	204.2	506.7	1299.2
COSTA RICA	1979	45.4	46.2	0.7	-	1.0	3.1	17.9	49.5	146.5	544.8	1754.5
CUBA	1978	140.4	85.5	0.1	0.0	0.8	4.6	24.2	101.6	301.9	860.7	3474.6
DOMINICA	1978	25.8	17.2	-	0.5	0.3	4.0	12.5	34.5	87.0	233.3	444.4
DOMINICAN REPUBLIC	1978	15.5	17.7	-	-	-	-	-	-	-	-	-
ECUADOR	1978	17.5	19.1	0.7	0.1	0.8	3.1	10.8	29.6	74.9	182.0	618.8
EL SALVADOR	1974	9.5	10.7	0.4	0.1	0.8	1.0	3.5	16.7	52.3	114.1	311.1
GUATEMALA	1978	5.0	6.3	0.3	0.1	0.4	1.5	5.4	11.0	26.6	47.8	194.4
GUYANA	1977	45.3	47.7	-	-	-	1.1	5.4	35.8	113.5	243.2	470.0
HONDURAS	1978	5.8	7.2	0.7	0.5	0.9	0.9	4.4	8.7	25.6	86.8	196.0
JAMAICA	1971	4.0	3.0	0.7	0.1	0.9	1.2	4.8	5.9	13.1	30.2	122.3
MARTINIQUE	1975	21.3	15.4	-	-	-	1.9	18.2	59.3	151.4	453.7	1065.4
MEXICO	1976	20.4	22.4	0.5	0.1	0.9	3.3	10.8	36.0	101.9	234.3	662.8
NICARAGUA	1977	8.8	10.3	0.2	0.1	0.1	1.1	2.6	7.6	16.7	39.9	128.7
PANAMA	1974	41.2	44.4	-	-	-	0.3	2.5	8.1	44.3	139.0	580.8
PARAGUAY (*)	1978	40.7	36.5	-	-	-	4.2	17.5	54.7	151.4	453.7	1065.4
PERU	1978	12.1	12.6	0.2	0.2	0.4	1.4	4.4	12.8	38.2	110.0	552.9
PUERTO RICO	1977	116.0	64.0	-	-	0.7	3.8	24.3	80.5	260.2	646.8	2373.3
ST. VINCENT	1979	38.8	32.2	-	-	-	-	-	39.0	173.1	655.2	526.3
SURINAME	1978	20.7	26.3	1.7	-	-	6.4	22.7	79.1	107.0	646.7	531.9
TRINIDAD AND TOBAGO	1977	97.1	82.4	0.8	-	-	6.8	32.8	82.0	258.7	752.1	2516.3
UNITED STATES	1978	289.2	104.1	0.1	0.1	0.3	4.1	35.3	156.9	446.8	1069.0	3642.1
URUGUAY	1978	169.4	67.0	-	0.2	0.7	3.7	22.8	91.2	281.7	724.6	2335.6
VENEZUELA	1978	49.6	57.7	0.2	0.1	1.0	5.6	24.9	96.0	264.6	592.7	1790.7
MALE												
ARGENTINA	1978	154.1	84.2	-	0.4	1.5	7.8	46.6	163.2	398.6	867.0	2323.2
BAHAMAS	1979	29.7	28.8	-	-	-	-	-	76.5	188.0	452.4	552.4
BARBADOS	1978	91.6	51.7	-	-	-	6.6	19.5	129.6	260.6	419.2	1484.4
BELIZE	1979	31.6	30.5	-	-	7.7	-	-	40.0	125.0	400.0	800.0
CANADA	1978	258.9	129.6	-	0.5	0.5	5.7	51.5	224.5	642.8	1442.9	3717.4
CHILE	1979	67.5	55.3	0.6	0.2	0.6	3.1	13.3	70.8	209.6	653.9	1974.9
COLOMBIA	1977	46.8	53.8	1.6	0.2	0.2	7.9	26.1	93.4	257.2	595.1	1416.7
COSTA RICA	1979	55.2	59.4	-	-	2.0	4.4	25.7	78.4	201.9	730.8	2024.9
CUBA	1978	161.0	97.6	0.2	0.1	0.7	5.8	31.9	140.1	384.0	946.9	3684.5
DOMINICA	1978	13.0	10.5	-	-	-	-	-	38.5	-	250.0	166.7
DOMINICAN REPUBLIC	1978	19.3	20.5	0.4	0.5	0.6	5.3	16.9	48.9	102.4	217.9	363.3
ECUADOR	1978	19.6	23.0	1.0	0.2	0.2	3.0	14.1	35.0	121.4	130.8	673.2
EL SALVADOR	1974	11.0	12.9	0.6	-	-	0.5	0.8	3.6	16.6	66.7	95.5
GUATEMALA	1978	5.6	7.2	0.2	-	0.3	1.5	7.3	13.9	32.8	52.2	204.0
GUYANA	1977	55.0	62.0	-	-	2.2	6.7	62.5	176.9	315.8	566.7	1133.3
HONDURAS	1978	6.4	8.2	0.8	1.0	0.3	1.4	4.8	8.8	30.3	87.9	250.0
JAMAICA	1971	48.4	46.1	0.7	-	-	3.2	5.9	30.8	91.7	181.8	395.4
MARTINIQUE	1975	20.0	17.2	-	-	-	1.3	4.1	13.4	41.7	66.7	140.0
MEXICO	1976	23.3	27.5	0.5	0.2	0.9	3.7	14.1	51.0	140.9	288.4	707.2
NICARAGUA	1977	9.0	11.3	0.5	-	1.9	2.4	7.9	23.6	44.4	146.9	212.8
PANAMA	1974	53.1	51.0	-	-	-	2.9	7.9	68.5	190.7	715.8	1649.0
PARAGUAY (*)	1978	44.5	45.3	-	-	-	0.6	4.3	28.6	22.2	51.6	1170.0
PERU	1978	12.9	14.3	0.3	0.2	0.2	0.3	1.7	6.7	18.6	52.0	145.8
PUERTO RICO	1977	129.9	75.7	-	0.2	1.5	5.3	37.3	113.6	343.5	768.1	2447.5
ST. VINCENT	1979	45.0	49.0	-	-	-	-	-	88.2	250.0	1000.0	666.7
SURINAME	1978	36.4	37.4	-	-	-	8.8	39.7	138.5	135.3	379.5	579.7
TRINIDAD AND TOBAGO	1977	105.0	110.3	-	-	-	10.7	44.2	153.8	432.3	1210.0	3556.4
UNITED STATES	1978	327.5	144.6	0.1	0.1	0.5	6.5	59.6	259.9	892.7	1969.7	4319.0
URUGUAY	1978	201.1	91.5	-	0.1	1.3	6.5	38.8	143.2	446.7	996.4	2726.3
VENEZUELA	1978	58.2	70.9	0.4	0.1	1.4	7.9	37.6	137.8	356.9	746.7	1834.0
FEMALE												
ARGENTINA	1978	98.4	42.6	-	0.2	2.8	11.2	34.2	110.2	409.7	2029.2	2029.2
BAHAMAS	1979	55.9	14.4	-	-	-	18.9	36.6	18.9	36.6	200.0	312.5
BARBADOS	1978	91.6	38.1	-	-	5.6	16.5	65.8	194.6	357.9	1145.2	1145.2
BELIZE	1979	17.7	15.5	-	-	-	-	-	20.0	75.0	100.0	700.0
CANADA	1978	172.5	59.4	-	0.3	0.9	10.8	46.8	177.9	623.3	2725.2	2725.2
CHILE	1979	55.1	32.6	0.3	0.4	1.2	5.0	29.4	93.7	351.3	1460.7	1460.7
COLOMBIA	1977	34.4	38.5	1.5	0.5	2.1	6.1	18.7	52.9	152.7	424.0	1204.8
COSTA RICA	1979	35.5	33.8	-	-	1.9	10.0	20.6	92.5	372.7	1525.6	1525.6
CUBA	1978	119.0	72.5	-	-	0.9	3.3	16.3	62.2	213.4	754.3	3262.5
DOMINICA	1978	37.4	21.7	-	-	-	-	-	31.3	160.0	222.2	583.3
DOMINICAN REPUBLIC	1978	12.7	14.7	0.5	0.1	1.0	2.7	8.0	33.4	69.4	161.2	326.9
ECUADOR	1978	15.5	15.5	0.3	1.9	1.9	3.2	7.5	23.2	49.2	137.1	576.3
EL SALVADOR	1974	15.7	18.7	0.3	0.2	1.1	1.7	7.7	11.8	38.6	90.6	287.1
GUATEMALA	1978	4.5	5.5	0.3	0.1	0.6	1.4	3.6	8.1	20.5	43.5	186.2
GUYANA	1977	35.8	34.2	-	-	4.2	11.4	50.0	166.7	390.9	1020.0	1020.0
HONDURAS	1978	5.3	6.3	0.6	-	1.5	1.0	4.8	7.8	20.9	85.7	150.0
JAMAICA	1971	35.8	26.1	-	-	0.6	1.8	8.6	32.6	96.6	222.2	1090.9
MARTINIQUE	1975	22.4	16.5	-	-	-	1.6	4.6	17.6	56.9	100.0	375.0
MEXICO	1976	17.3	17.6	0.5	0.1	0.9	2.8	7.3	21.2	65.2	184.1	624.7
NICARAGUA	1977	8.6	9.3	-	0.3	0.4	2.8	7.3	10.3	35.9	112.5	257.6
PANAMA	1974	41.1	37.2	-	-	0.7	2.0	8.3	17.3	79.7	442.5	1766.4
PARAGUAY (*)	1978	36.8	28.1	-	-	0.6	4.1	6.8	29.8	84.2	386.4	1690.0
PERU	1978	11.6	10.9	0.2	0.3	0.6	1.1	2.1	6.8	23.9	76.6	588.9
PUERTO RICO	1977	102.5	52.9	-	-	-	2.5	12.8	49.7	176.9	530.6	2308.7
ST. VINCENT	1979	33.3	22.1	-	-	-	-	-	-	125.0	473.7	461.5
SURINAME	1978	17.1	15.3	3.5	-	-	4.1	5.7	17.8	80.6	113.9	494.3
TRINIDAD AND TOBAGO	1977	76.4	60.8	1.6	-	-	2.6	22.0	84.7	266.9	667.2	2029.9
UNITED STATES	1978	252.9	71.3	0.1	0.1	0.2	1.7	13.1	63.8	226.3	699.7	3263.0
URUGUAY	1978	138.9	45.6	-	0.4	0.2	1.1	1.1	40.7	126.1	486.4	2090.0
VENEZUELA	1978	40.9	44.9	0.1	0.1	0.6	3.5	12.5	52.1	172.0	453.0	1758.8

(\*) AREA OF INFORMATION ONLY.



Table II-5a  
 NUMBER OF DEATHS FROM CEREBROVASCULAR DISEASE (430-438), BY AGE, SEX, AND COUNTRY

COUNTRY	YEAR	ALL AGES	AGE IN YEARS									UN- KNOWN
			UNDER 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75 AND OVER	
BOTH SEXES												
ARGENTINA	1978	22391	81	48	118	255	800	2201	3533	5882	9303	170
BAHAMAS	1979	81	-	-	1	5	2	4	20	30	25	-
BARBADOS	1978	298	1	1	1	2	2	9	28	94	154	6
BELIZE	1979	49	-	-	-	-	-	4	8	13	18	5
CANADA	1978	15183	12	14	41	87	216	570	1343	3169	9716	15
CHILE	1979	6395	19	21	43	53	142	545	1003	1872	2684	13
COLOMBIA	1977	8625	63	75	183	270	577	1065	1567	2083	2673	69
COSTA RICA	1979	550	2	3	7	13	15	36	77	137	258	2
CUBA	1978	5194	7	4	37	62	156	408	767	1452	2285	16
DOMINICA	1978	32	-	-	-	-	2	2	1	7	18	2
DOMINICAN REPUBLIC	1978	939	7	8	22	25	62	145	160	207	264	38
ECUADOR	1978	1862	7	17	66	83	118	174	300	402	668	36
EL SALVADOR	1974	682	26	27	27	44	60	110	155	202	262	10
GUATEMALA	1978	867	79	12	38	47	51	94	141	177	225	3
GUYANA	1977	676	8	8	12	12	30	89	176	176	155	10
HONDURAS	1978	500	33	14	22	29	28	57	66	92	151	8
JAMAICA	1971	2200	14	5	8	15	53	163	346	663	918	15
MARTINIQUE	1975	157	1	2	1	1	2	4	8	12	13	1
MEXICO	1976	13262	311	157	286	393	707	1243	1890	3214	4932	129
NICARAGUA	1977	441	12	9	12	19	20	44	72	104	148	1
PANAMA	1974	611	4	3	7	10	21	42	112	136	276	1
PARAGUAY (*)	1978	1015	-	-	3	20	39	85	151	230	470	11
PERU	1978	2207	61	38	63	71	121	177	284	499	827	66
PUERTO RICO	1977	1716	-	-	-	13	36	89	183	378	994	4
ST. VINCENT	1979	13	-	-	-	2	-	-	2	3	4	2
SURINAME	1978	94	-	-	1	1	4	6	19	26	38	-
TRINIDAD AND TOBAGO	1977	97	-	-	2	1	22	76	197	290	328	3
UNITED STATES	1978	175229	275	195	473	901	2384	6348	15322	36590	113305	31
URUGUAY	1978	2430	5	4	11	25	61	188	375	836	1920	5
VENEZUELA	1978	4223	24	22	60	116	199	434	744	1031	1588	5
MALE												
ARGENTINA	1978	11676	49	25	60	148	448	1363	2177	3290	4014	102
BAHAMAS	1979	47	-	-	-	1	1	5	12	14	39	2
BARBADOS	1978	108	-	-	-	-	-	2	4	5	7	-
BELIZE	1979	19	-	-	-	-	-	2	4	5	7	-
CANADA	1978	7004	7	9	17	43	111	310	779	1783	3940	5
CHILE	1979	2958	8	13	20	64	274	556	965	1033	1333	7
COLOMBIA	1977	3935	41	43	90	128	219	494	749	1012	1123	36
COSTA RICA	1979	256	1	2	3	6	7	21	35	67	112	1
CUBA	1978	2610	3	1	29	69	69	185	419	762	1113	12
DOMINICA	1978	17	-	-	-	-	-	2	2	5	9	1
DOMINICAN REPUBLIC	1978	485	5	3	6	9	27	80	94	125	112	24
ECUADOR	1978	973	5	9	38	46	58	102	180	235	291	9
EL SALVADOR	1974	352	15	11	12	21	20	56	61	80	97	6
GUATEMALA	1978	466	41	6	17	24	30	56	78	102	109	3
GUYANA	1977	344	6	4	7	8	15	42	97	96	60	9
HONDURAS	1978	233	11	7	8	16	9	32	29	54	65	8
JAMAICA	1971	944	10	2	7	8	23	80	167	279	361	8
MARTINIQUE	1975	68	-	-	-	-	-	7	10	18	25	1
MEXICO	1976	6252	166	84	128	185	331	617	986	1566	2118	71
NICARAGUA	1977	214	6	3	5	13	6	23	37	57	59	1
PANAMA	1974	327	2	3	5	2	8	22	69	82	134	1
PARAGUAY (*)	1978	460	-	-	1	12	18	37	73	105	209	6
PERU	1978	1115	33	25	31	37	67	96	157	257	377	35
PUERTO RICO	1977	835	1	4	5	4	20	45	93	200	459	4
ST. VINCENT	1979	7	-	-	-	2	-	-	2	2	2	-
SURINAME	1978	64	-	-	-	-	1	4	17	16	26	1
TRINIDAD AND TOBAGO	1977	452	-	-	-	-	37	123	153	153	127	1
UNITED STATES	1978	73648	160	117	241	441	1201	3217	8345	18824	41076	16
URUGUAY	1978	1500	1	1	5	11	32	96	213	437	700	4
VENEZUELA	1978	2051	15	11	36	63	107	242	447	499	630	1
FEMALE												
ARGENTINA	1978	10715	32	23	58	107	352	838	1356	2592	5289	68
BAHAMAS	1979	40	-	-	-	-	-	4	8	16	10	-
BARBADOS	1978	190	1	1	1	1	1	4	16	46	115	4
BELIZE	1979	30	-	-	-	-	-	2	4	8	11	5
CANADA	1978	8179	5	5	24	44	105	260	564	1386	5776	10
CHILE	1979	3437	11	8	23	34	78	271	447	907	1651	7
COLOMBIA	1977	4690	22	32	93	142	358	571	818	1071	1550	33
COSTA RICA	1979	294	1	4	7	7	15	42	70	146	258	1
CUBA	1978	2584	4	3	20	33	87	223	348	690	1172	4
DOMINICA	1978	15	-	-	-	-	2	-	1	2	9	1
DOMINICAN REPUBLIC	1978	454	3	5	16	16	35	65	66	82	152	14
ECUADOR	1978	890	2	8	28	37	60	72	120	167	369	4
EL SALVADOR	1974	330	11	10	15	6	24	31	49	75	105	4
GUATEMALA	1978	401	38	6	21	23	21	38	63	75	116	1
GUYANA	1977	332	2	4	5	4	15	47	79	80	95	1
HONDURAS	1978	267	22	7	14	13	19	25	37	38	86	6
JAMAICA	1971	1256	4	4	7	7	30	83	179	384	557	7
MARTINIQUE	1975	89	1	-	1	1	3	5	14	16	48	-
MEXICO	1976	6987	145	73	158	208	375	624	902	1644	2804	54
NICARAGUA	1977	227	6	2	7	6	14	21	35	47	89	-
PANAMA	1974	284	2	-	2	4	13	20	43	54	142	5
PARAGUAY (*)	1978	555	-	-	2	8	13	20	33	78	142	5
PERU	1978	1092	28	13	32	34	67	81	127	242	450	31
PUERTO RICO	1977	881	3	3	9	9	16	44	90	178	535	1
ST. VINCENT	1979	6	-	-	-	-	-	-	1	1	4	1
SURINAME	1978	30	-	-	-	-	3	2	7	10	12	-
TRINIDAD AND TOBAGO	1977	465	-	-	1	1	39	74	137	201	237	-
UNITED STATES	1978	101981	115	82	226	459	1179	3131	6971	17566	72909	15
URUGUAY	1978	1930	4	4	9	14	29	54	162	399	1520	4
VENEZUELA	1978	2172	9	11	24	53	92	192	297	532	958	4

(\*) AREA OF INFORMATION ONLY.

Table II-5b  
CRUDE, AGE-ADJUSTED, AND AGE-SPECIFIC DEATH RATES PER 100,000 POPULATION FROM  
CEREBROVASCULAR DISEASE (430-438), BY SEX AND COUNTRY

C O U N T R Y	YEAR	CRUDE RATE	AGE-ADJUSTED RATE	AGE IN YEARS									
				UNDER 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75 AND OVER	
BOTH SEXES													
ARGENTINA	1978	84.8	43.3	2.9	1.0	2.6	6.8	24.7	73.0	157.5	408.8	1403.2	
BAHAMAS	1979	38.8	39.2	-	-	-	-	-	-	-	-	-	-
BARBADOS	1978	112.4	47.2	4.2	1.7	2.8	15.0	8.9	25.0	190.5	576.9	1000.0	
BELIZE	1979	31.0	26.2	3.6	-	-	-	-	-	-	-	-	-
CANADA	1978	64.6	26.1	0.7	0.4	0.9	2.3	8.0	23.0	66.4	236.5	1222.1	
CHILE	1979	58.6	41.4	1.6	0.9	1.9	3.2	11.5	59.3	159.5	470.8	1389.3	
COLOMBIA	1977	34.4	39.7	1.6	1.0	3.5	8.7	25.0	67.2	160.4	400.9	1115.6	
COSTA RICA	1979	25.3	25.8	0.7	0.6	1.4	4.1	7.4	24.8	81.8	257.4	1050.2	
CUBA	1978	53.6	35.6	0.6	0.2	2.3	4.4	15.0	51.1	120.2	330.0	1183.9	
DOMINICA	1978	39.4	24.1	-	-	-	-	-	-	-	-	-	-
DOMINICAN REPUBLIC	1978	18.3	20.6	0.9	0.5	2.2	4.3	12.7	49.4	92.0	207.4	449.7	
ECUADOR	1978	23.6	25.7	0.5	0.8	4.3	8.2	17.0	35.6	92.4	235.3	796.1	
EL SALVADOR	1974	17.5	18.8	3.7	2.0	3.6	5.6	12.7	23.8	69.3	170.1	519.4	
GUATEMALA	1978	12.7	15.3	6.6	0.6	2.8	5.3	8.2	21.2	56.0	130.0	416.7	
GUYANA	1977	83.5	87.5	6.8	3.4	6.7	12.9	44.8	171.2	475.7	880.0	1937.5	
HONDURAS	1978	14.5	18.0	4.7	1.4	3.3	6.9	9.6	27.9	49.6	135.3	580.8	
JAMAICA	1971	115.8	94.9	4.7	0.9	2.2	7.0	37.1	124.8	300.6	1071.1	3477.3	
MARTINIQUE	1975	49.1	34.2	2.0	2.3	1.8	3.0	25.0	44.0	120.0	283.3	1216.7	
MEXICO	1976	21.3	23.1	2.8	0.9	2.4	4.9	13.0	34.1	88.0	230.4	683.4	
NICARAGUA	1977	19.3	22.0	2.9	1.3	2.7	7.1	9.5	33.5	89.9	238.3	860.2	
PANAMA	1974	38.7	36.7	1.6	0.7	2.3	4.9	14.1	38.0	154.1	362.3	1314.7	
PARAGUAY (*)	1978	61.4	54.1	-	0.2	2.6	10.6	27.3	76.6	204.1	561.0	1807.7	
PERU	1978	13.1	13.5	2.4	0.8	1.9	3.2	7.8	15.9	40.1	125.9	455.4	
PUERTO RICO	1977	51.1	28.2	1.1	0.8	1.3	2.9	10.7	32.1	84.7	268.1	1183.9	
ST. VINCENT	1978	11.0	11.0	-	-	-	-	-	-	-	-	-	-
SURINAME	1978	25.1	23.5	-	-	1.6	4.4	11.3	26.4	113.0	246.7	809.5	
TRINIDAD AND TOBAGO	1977	82.0	76.5	-	0.4	0.8	0.6	20.6	87.2	298.2	842.0	2926.7	
UNITED STATES	1978	79.1	27.2	1.7	0.6	1.1	2.6	9.6	26.9	72.8	239.3	1220.2	
URUGUAY	1978	119.8	47.1	1.8	0.6	2.4	6.7	16.6	53.9	140.7	466.0	1895.4	
VENEZUELA	1978	32.2	37.6	1.1	0.6	2.1	6.5	17.4	50.0	138.5	358.0	1345.8	
MALE													
ARGENTINA	1978	88.5	49.1	3.5	1.0	2.6	7.8	27.5	90.6	200.6	487.4	1418.4	
BAHAMAS	1979	42.3	50.6	-	-	-	-	-	-	-	-	-	-
BARBADOS	1978	85.3	42.1	-	-	-	-	-	-	-	-	-	-
BELIZE	1979	24.1	22.7	7.1	-	-	-	-	-	-	-	-	-
CANADA	1978	60.0	24.7	0.8	0.4	0.7	2.2	8.2	40.7	100.0	250.0	700.0	
CHILE	1979	54.7	44.8	1.3	1.1	1.7	2.3	10.5	61.4	188.6	551.6	1408.9	
COLOMBIA	1977	31.9	38.1	2.4	1.2	3.6	8.7	19.8	63.8	155.6	402.9	1051.5	
COSTA RICA	1979	23.4	25.2	0.7	0.7	1.2	3.7	7.9	28.9	76.0	261.8	994.7	
CUBA	1978	52.7	32.4	0.5	0.1	2.1	4.1	13.1	45.8	126.6	313.6	1147.4	
DOMINICA	1978	34.2	24.8	-	-	-	-	-	-	-	-	-	-
DOMINICAN REPUBLIC	1978	14.0	20.9	1.1	0.4	1.3	3.2	10.9	51.5	99.3	243.2	402.9	
ECUADOR	1978	24.5	28.6	0.7	0.8	4.9	9.1	16.7	42.0	112.7	287.0	799.5	
EL SALVADOR	1974	18.0	20.7	4.2	2.0	3.2	5.6	11.5	23.1	79.8	193.1	574.6	
GUATEMALA	1978	13.4	16.7	6.7	0.6	2.9	5.3	9.5	25.1	62.4	152.7	436.0	
GUYANA	1978	85.0	95.1	10.1	3.4	7.9	17.8	46.9	161.5	510.5	1066.7	2000.0	
HONDURAS	1978	15.5	31.1	1.4	2.4	3.4	7.6	6.2	31.4	49.9	164.6	544.7	
JAMAICA	1971	101.0	95.7	6.5	0.4	3.8	7.9	37.3	133.3	297.7	975.5	3646.5	
MARTINIQUE	1975	43.9	37.1	-	4.7	-	-	33.3	58.3	111.1	360.0	1250.0	
MEXICO	1976	19.9	22.9	2.9	0.9	2.1	4.6	12.2	34.3	94.8	235.3	641.2	
NICARAGUA	1977	18.9	23.1	2.9	1.9	2.4	10.3	5.9	36.2	96.6	279.1	1331.1	
PANAMA	1974	40.8	39.2	1.5	1.4	2.0	4.0	10.5	37.7	177.8	431.6	1331.1	
PARAGUAY (*)	1978	55.8	56.1	-	0.4	2.5	13.0	25.7	59.3	202.8	552.6	2090.0	
PERU	1978	13.2	14.2	2.5	1.1	1.8	3.3	8.6	17.4	45.0	134.3	456.4	
PUERTO RICO	1977	51.3	28.8	0.5	1.0	1.5	1.9	12.7	33.6	86.1	289.9	1147.5	
ST. VINCENT	1978	13.3	14.6	-	-	-	-	-	-	-	-	-	-
SURINAME	1978	34.3	34.6	-	-	-	-	-	-	-	-	-	-
TRINIDAD AND TOBAGO	1977	79.5	88.0	-	-	0.8	-	5.7	34.6	100.0	200.0	1256.0	
UNITED STATES	1978	68.2	29.0	2.0	0.6	1.2	2.6	10.0	28.1	83.8	285.0	1226.0	
URUGUAY	1978	106.9	48.1	0.7	0.4	2.2	6.0	17.7	55.9	164.6	521.5	1790.3	
VENEZUELA	1978	31.2	38.7	1.4	0.6	2.6	7.2	18.9	54.5	166.2	364.2	1260.0	
FEMALE													
ARGENTINA	1978	81.1	37.9	2.4	1.0	2.6	5.8	21.8	55.4	117.1	339.3	1391.8	
BAHAMAS	1979	35.4	31.7	-	-	-	-	-	-	-	-	-	-
BARBADOS	1978	137.1	50.5	8.4	3.4	3.5	5.6	8.2	48.8	163.6	533.3	622.0	
BELIZE	1979	38.0	29.7	-	-	-	-	-	-	-	-	-	-
CANADA	1978	69.2	33.9	0.6	0.3	1.0	2.3	7.0	40.0	100.0	400.0	1100.0	
CHILE	1979	64.4	38.7	1.8	0.7	2.0	4.1	12.5	50.9	53.4	191.2	1190.9	
COLOMBIA	1977	36.9	41.2	1.1	0.9	3.5	8.8	29.8	70.5	165.1	399.0	1167.2	
COSTA RICA	1979	27.3	26.2	0.7	0.4	1.6	4.4	7.0	20.6	87.3	253.3	1097.2	
CUBA	1978	54.5	34.9	0.7	0.3	2.5	4.7	16.9	56.6	113.4	350.3	1220.8	
DOMINICA	1978	35.0	19.3	-	-	-	-	-	-	-	-	-	-
DOMINICAN REPUBLIC	1978	17.7	20.1	0.7	0.6	3.1	5.3	14.7	47.1	83.3	169.9	491.9	
ECUADOR	1978	22.7	23.0	0.3	0.8	3.7	7.4	17.3	29.3	72.8	187.7	793.4	
EL SALVADOR	1974	17.1	17.2	3.2	1.9	4.1	2.5	13.9	24.5	59.6	151.0	477.1	
GUATEMALA	1978	11.9	13.9	6.5	0.7	3.2	5.2	6.8	17.2	49.6	108.7	400.0	
GUYANA	1977	81.4	81.0	3.4	3.4	5.6	8.3	42.9	180.8	438.9	727.3	1900.0	
HONDURAS	1978	15.6	18.5	6.4	1.4	4.3	6.2	13.1	24.5	55.2	108.6	614.3	
JAMAICA	1971	130.1	94.6	2.7	1.5	0.6	6.1	36.9	117.6	303.4	1153.2	3375.8	
MARTINIQUE	1975	53.9	32.0	4.1	-	3.4	-	5.6	17.6	38.5	127.3	420.0	
MEXICO	1976	22.6	23.2	2.7	0.9	2.7	5.3	13.8	33.7	81.5	225.4	716.5	
NICARAGUA	1977	19.3	20.8	3.0	0.6	3.0	4.3	12.8	30.9	83.7	203.5	587.8	
PANAMA	1974	36.4	34.1	1.6	-	-	-	-	-	-	-	-	-
PARAGUAY (*)	1978	67.0	53.3	-	-	-	-	-	-	-	-	-	-
PERU	1978	13.0	12.8	2.2	0.6	1.9	3.0	6.9	14.5	35.3	118.0	454.5	
PUERTO RICO	1977	52.0	27.6	1.6	0.5	1.2	3.8	8.9	30.8	83.3	247.2	1163.0	
ST. VINCENT	1979	10.0	4.8	-	-	-	-	-	-	-	-	-	-
SURINAME	1978	16.0	14.0	-	-	3.1	-	17.0	17.8	23.0	189.8	456.3	
TRINIDAD AND TOBAGO	1977	89.4	84.0	-	0.7	0.8	1.3	20.1	91.7	221.9	801.8	2632.3	
UNITED STATES	1978	89.4	25.7	1.5	0.5	1.1	2.6	9.3	25.7	62.9	204.3	1216.9	
URUGUAY	1978	132.1	45.8	2.9	1.2	2.6	7.4	15.5	52.1	118.1	417.4	1961.4	
VENEZUELA	1978	33.2	36										

Table II-5a  
 NUMBER OF DEATHS FROM INFLUENZA AND PNEUMONIA (470-474, 480-486), BY AGE, SEX, AND COUNTRY

C O U N T R Y	Y E A R	A L L A G E S	U N D E R 5	A G E I N Y E A R S								U N - K N O W N
				5-14	15-24	25-34	35-44	45-54	55-64	65-74	75 A N D O V E R	
B O T H S E X E S												
ARGENTINA	1978	6269	2708	85	106	86	132	221	353	768	1759	51
BAHAMAS	1979	107	27	1	2	-	12	11	13	21	31	-
BARBADOS	1978	105	28	3	-	-	12	5	6	21	37	1
BELIZE	1979	34	15	-	-	-	1	-	3	5	7	3
CANADA	1978	5131	206	25	33	54	75	161	335	783	3458	1
CHILE	1979	5639	1677	106	87	88	169	274	374	788	2065	11
COLOMBIA	1977	10308	7041	399	169	130	151	204	342	620	1189	63
COSTA RICA	1979	389	181	8	7	14	3	9	15	40	109	3
CUBA	1978	4343	580	83	66	53	62	127	264	850	2235	23
DOMINICA	1978	11	3	-	1	-	1	-	1	1	1	3
DOMINICAN REPUBLIC	1978	847	550	41	21	16	15	20	30	41	95	18
ECUADOR	1978	4602	2798	222	126	130	116	114	184	295	547	74
EL SALVADOR	1974	1257	765	41	13	10	29	30	64	98	203	4
GUATEMALA	1978	5199	5499	549	329	319	335	349	392	529	766	112
GUYANA	1977	366	157	17	10	5	12	12	30	44	71	8
HONDURAS	1978	681	455	40	10	12	17	24	30	41	47	5
JAMAICA	1971	954	428	43	13	15	35	46	67	130	167	10
MARTINIQUE	1975	38	8	-	-	1	-	-	3	6	6	-
MEXICO	1976	61096	38092	1795	993	1031	1371	1617	2210	4061	9274	652
NICARAGUA	1977	506	315	15	20	7	8	13	19	45	60	4
PANAMA	1974	657	344	37	17	19	10	19	38	63	110	9
PARAGUAY (*)	1978	897	573	32	10	7	8	14	25	46	173	7
PERU	1978	12912	7478	531	318	242	278	319	506	630	1897	653
PUERTO RICO	1977	996	165	23	29	-	17	30	130	150	486	1
ST. VINCENT	1979	31	15	-	-	-	-	1	1	3	9	1
SURINAME	1978	111	52	2	3	-	1	3	6	15	29	-
TRINIDAD AND TOBAGO	1977	348	91	4	3	10	7	20	33	50	120	2
UNITED STATES	1978	58319	1887	304	553	741	1063	2309	4960	9827	36660	15
URUGUAY	1978	583	151	6	7	5	12	17	26	79	279	1
VENEZUELA	1978	4170	2282	147	106	70	94	134	209	324	796	8
M A L E												
ARGENTINA	1978	3509	1458	43	59	45	85	152	258	509	866	36
BAHAMAS	1979	78	18	-	1	-	11	7	13	14	14	-
BARBADOS	1978	53	16	3	-	-	2	2	3	13	14	-
BELIZE	1979	17	8	-	-	-	-	-	1	3	4	1
CANADA	1978	2844	118	14	17	27	47	108	212	506	1795	7
CHILE	1979	2995	913	59	51	54	112	199	247	460	893	7
COLOMBIA	1977	5343	3736	214	97	64	77	97	185	322	516	35
COSTA RICA	1979	221	99	6	7	9	2	7	15	22	59	3
CUBA	1978	2425	295	46	43	27	34	77	145	514	1225	19
DOMINICA	1978	6	2	-	-	-	1	-	1	1	-	2
DOMINICAN REPUBLIC	1978	455	293	22	11	5	10	14	23	22	45	10
ECUADOR	1978	2381	1474	102	57	66	59	69	100	160	274	20
EL SALVADOR	1974	629	350	16	7	4	14	11	35	53	96	3
GUATEMALA	1978	4846	2906	210	147	135	180	199	212	288	398	96
GUYANA	1977	194	84	10	4	4	10	7	19	22	26	5
HONDURAS	1978	385	245	28	4	7	11	14	20	19	33	4
JAMAICA	1971	494	216	23	7	8	19	30	43	75	66	7
MARTINIQUE	1975	26	5	-	-	-	-	-	1	4	13	-
MEXICO	1976	32563	20671	910	537	567	805	977	1277	2186	4269	362
NICARAGUA	1977	179	186	8	13	3	4	8	8	22	25	-
PANAMA	1974	352	182	4	4	9	7	13	20	41	60	-
PARAGUAY (*)	1978	458	319	14	4	3	5	10	15	21	62	5
PERU	1978	6646	3925	294	177	121	145	189	270	363	824	338
PUERTO RICO	1977	957	92	14	23	14	22	23	46	75	237	3
ST. VINCENT	1979	14	5	-	-	-	-	-	1	4	7	-
SURINAME	1978	51	22	-	1	-	-	2	4	3	15	-
TRINIDAD AND TOBAGO	1977	185	50	8	2	4	4	14	15	31	59	-
UNITED STATES	1978	30796	1030	162	328	453	650	1468	3235	6237	17223	10
URUGUAY	1978	301	95	3	3	2	8	12	17	47	120	-
VENEZUELA	1978	2183	1245	83	60	33	51	74	126	186	320	5
F E M A L E												
ARGENTINA	1978	2760	1250	42	47	41	47	62	95	268	893	15
BAHAMAS	1979	49	9	1	5	3	2	3	3	8	23	1
BARBADOS	1978	52	12	-	2	-	-	-	2	2	3	2
BELIZE	1979	17	7	-	-	-	1	-	2	2	3	1
CANADA	1978	2287	88	11	16	27	28	53	123	277	1663	1
CHILE	1979	2644	764	47	36	34	57	75	127	328	1172	4
COLOMBIA	1977	4965	3305	185	72	66	74	107	157	298	673	28
COSTA RICA	1979	168	82	2	2	1	2	6	6	18	50	-
CUBA	1978	1918	285	37	23	26	28	50	119	336	1010	4
DOMINICA	1978	5	1	-	1	-	-	-	-	1	1	1
DOMINICAN REPUBLIC	1978	392	257	19	10	11	5	6	7	19	50	8
ECUADOR	1978	2221	1324	120	69	64	57	45	84	135	273	50
EL SALVADOR	1974	628	375	25	7	6	15	19	29	45	107	1
GUATEMALA	1978	4353	2593	284	182	184	155	150	180	241	368	18
GUYANA	1977	172	73	7	3	1	2	5	11	22	45	3
HONDURAS	1978	296	210	12	6	5	6	10	10	22	14	3
JAMAICA	1971	460	210	20	6	7	16	16	24	55	101	1
MARTINIQUE	1975	12	3	-	-	-	-	-	-	2	3	-
MEXICO	1976	28379	17331	881	456	459	563	636	926	1862	4996	266
NICARAGUA	1977	227	129	7	7	4	4	6	11	23	35	-
PANAMA	1974	305	162	21	13	10	3	6	18	22	50	-
PARAGUAY (*)	1978	439	254	18	6	4	3	4	10	25	111	4
PERU	1978	6266	3553	237	141	121	133	130	236	327	1073	315
PUERTO RICO	1977	445	73	9	6	3	8	16	24	55	249	2
ST. VINCENT	1979	17	10	-	-	-	-	-	-	-	5	-
SURINAME	1978	60	30	2	2	-	1	1	2	8	14	-
TRINIDAD AND TOBAGO	1977	163	41	6	3	6	3	6	18	19	61	-
UNITED STATES	1978	27523	857	142	225	288	413	841	1725	3590	19437	3
URUGUAY	1978	282	86	5	5	7	5	8	13	32	159	1
VENEZUELA	1978	1987	1037	64	46	37	43	60	83	138	476	3

(\*) AREA OF INFORMATION ONLY.

Table II-5b  
 CRUDE, AGE-ADJUSTED, AND AGE-SPECIFIC DEATH RATES PER 100,000 POPULATION FROM  
 INFLUENZA AND PNEUMONIA (470-474, 480-486), BY SEX AND COUNTRY

C O U N T R Y	YEAR	CRUDE RATE	AGE- ADJUSTED RATE	UNDER 5	AGE IN YEARS							
					5-14	15-24	25-34	35-44	45-54	55-64	65-74	75 AND OVER
BOTH SEXES												
ARGENTINA	1978	23.8	20.6	98.2	1.7	2.3	2.3	4.1	7.3	15.7	53.4	265.3
BAHAMAS	1979	56.9	61.9	77.6	1.6	16.2	24.0	58.0	68.8	125.8	326.9	1540.3
BARBADOS	1978	39.6	33.9	118.4	5.0	3.6	-	8.9	21.1	29.1	114.1	479.3
BELIZE	1979	21.5	17.6	53.6	-	-	-	7.7	-	37.5	125.0	350.0
CANADA	1978	21.8	10.3	11.8	0.7	0.7	1.4	2.8	6.5	16.6	58.4	435.0
CHILE	1979	51.7	48.0	137.4	4.5	3.8	5.3	13.7	29.8	59.5	198.2	1068.9
COLOMBIA	1977	41.2	42.4	180.8	5.5	3.3	4.2	8.4	12.9	35.0	119.3	496.2
COSTA RICA	1979	17.9	18.1	64.1	1.4	1.4	4.4	1.5	6.2	15.9	75.2	443.7
CUBA	1978	44.8	35.2	52.9	3.4	4.1	3.8	6.0	15.9	41.4	193.2	1158.0
DOMINICA	1978	13.5	11.0	22.2	-	7.4	-	-	16.7	21.7	33.3	55.6
DOMINICAN REPUBLIC	1978	16.5	15.5	62.4	2.6	2.1	2.8	3.1	6.8	17.3	41.1	161.8
ECUADOR	1978	58.3	55.6	206.1	10.3	8.3	12.9	16.7	23.3	56.7	172.7	659.8
EL SALVADOR	1974	32.3	23.6	108.9	3.8	1.7	2.1	8.4	11.9	40.3	107.6	522.0
GUATEMALA	1978	134.5	128.2	460.2	30.4	24.3	35.8	53.6	78.6	155.6	389.0	1418.5
GUYANA	1977	45.2	47.8	133.1	7.2	5.6	5.4	17.9	23.1	81.1	220.0	887.5
HONDURAS	1978	19.8	17.8	64.9	4.1	1.5	2.9	5.8	11.8	22.6	60.3	180.8
JAMAICA	1971	50.2	46.3	142.3	7.9	3.6	7.0	24.5	35.2	58.2	210.0	632.6
MARTINIQUE	1975	11.9	11.6	16.2	1.2	3.0	-	-	2.0	15.0	50.0	104.6
MEXICO	1976	98.0	93.8	342.9	10.3	8.2	12.9	25.2	44.3	103.0	291.1	1285.1
NICARAGUA	1977	21.9	19.7	77.0	2.1	4.5	2.6	3.8	9.9	23.7	103.4	227.1
PANAMA	1974	41.6	39.8	133.8	8.6	5.7	9.3	6.7	17.2	52.3	167.8	524.0
PARAGUAY (*)	1978	54.3	65.4	223.0	6.9	3.2	3.7	5.6	12.6	33.8	112.2	665.4
PERU	1979	76.8	80.0	291.7	11.8	9.2	10.7	17.9	28.7	71.4	174.7	1046.7
PUERTO RICO	1977	26.3	23.7	44.4	3.0	4.3	-	3.8	8.9	31.3	85.2	365.1
ST. VINCENT	1979	27.3	23.2	71.7	-	-	-	-	10.6	13.0	19.2	103.4
SURINAME	1978	29.7	29.7	87.6	1.8	4.8	-	2.8	13.2	35.7	142.3	617.0
TRINIDAD AND TOBAGO	1977	31.1	33.7	71.8	5.0	1.2	6.2	6.6	23.0	49.9	145.2	1070.8
UNITED STATES	1978	26.3	11.0	12.0	0.8	1.3	2.2	4.3	9.8	23.6	64.6	394.8
URUGUAY	1978	59.4	51.7	55.1	1.8	1.8	3.8	8.5	6.8	44.4	85.5	275.4
VENEZUELA	1978	31.8	32.3	106.7	4.3	3.8	-	3.9	8.2	15.4	38.9	112.5
MALE												
ARGENTINA	1978	26.6	22.8	103.8	1.7	2.6	-	5.2	10.6	23.8	74.1	306.0
BAHAMAS	1979	70.3	81.8	102.5	1.7	5.7	29.6	98.2	89.7	260.0	409.1	1555.6
BARBADOS	1978	41.9	39.8	135.5	9.8	-	-	19.5	19.9	29.0	125.7	568.9
BELIZE	1979	24.4	13.3	17.1	-	-	-	-	-	25.0	150.0	400.0
CANADA	1978	21.5	13.3	13.2	0.7	0.7	1.4	3.5	8.7	21.9	82.3	579.0
CHILE	1979	55.4	55.7	146.9	4.9	4.4	6.5	18.4	44.6	83.8	262.9	1217.9
COLOMBIA	1977	43.4	44.1	188.9	5.8	3.9	4.3	7.0	12.5	38.4	128.2	483.1
COSTA RICA	1979	20.2	20.8	68.7	2.2	2.0	5.6	2.0	9.6	19.5	86.0	524.0
CUBA	1978	49.3	37.6	52.6	3.7	5.3	3.8	8.5	19.1	43.8	211.5	1262.9
DOMINICA	1978	15.6	15.6	29.5	-	-	-	-	38.5	4.6	-	-
DOMINICAN REPUBLIC	1978	17.8	16.5	65.3	2.8	2.3	1.8	4.0	9.0	24.3	42.8	161.9
ECUADOR	1978	59.8	62.9	213.0	9.3	7.4	13.0	17.0	28.4	62.6	195.4	752.8
EL SALVADOR	1974	32.1	30.4	109.2	2.9	1.8	1.6	8.0	8.8	45.8	127.9	568.7
GUATEMALA	1978	139.6	132.6	475.0	29.9	21.9	29.9	57.0	89.2	153.6	299.9	1592.0
GUYANA	1977	48.3	52.6	141.4	8.4	7.9	8.9	31.3	26.9	100.0	244.4	886.7
HONDURAS	1978	22.3	20.5	69.1	5.7	1.2	3.3	1.5	13.7	30.3	57.6	275.0
JAMAICA	1971	52.9	50.5	141.2	8.2	3.8	7.9	30.8	50.0	76.6	262.2	666.7
MARTINIQUE	1975	16.8	16.1	20.2	1.2	-	6.7	-	16.7	11.1	80.0	650.0
MEXICO	1976	103.5	100.9	365.6	10.2	8.7	14.1	29.6	54.3	125.8	328.5	1292.5
NICARAGUA	1977	24.6	21.9	89.8	2.2	2.4	4.0	12.6	12.6	12.9	107.7	221.7
PANAMA	1974	44.0	41.8	140.3	5.3	2.7	8.8	9.2	22.5	51.5	215.8	996.0
PARAGUAY (*)	1978	55.6	69.6	241.7	5.9	2.5	3.3	7.1	18.5	41.7	110.5	620.0
PERU	1978	78.8	82.7	302.3	12.9	10.5	10.7	18.7	34.2	77.4	189.7	997.6
PUERTO RICO	1977	33.9	24.9	48.5	3.6	7.0	6.7	18.9	17.2	44.4	108.7	592.5
ST. VINCENT	1979	26.3	25.8	47.3	-	-	-	25.0	-	-	300.0	666.7
SURINAME	1978	27.3	28.2	72.3	-	3.2	-	-	17.3	49.2	132.8	724.6
TRINIDAD AND TOBAGO	1977	32.5	42.4	77.1	5.6	-	4.7	7.7	31.4	45.8	178.6	1652.2
UNITED STATES	1978	28.5	14.1	12.8	0.9	1.6	2.7	5.4	12.8	32.5	94.4	514.1
URUGUAY	1978	21.4	16.3	68.9	1.2	0.9	0.5	4.4	7.0	10.0	56.1	306.9
VENEZUELA	1978	33.2	34.1	113.5	4.8	4.3	3.8	9.0	16.7	46.8	135.8	640.0
FEMALE												
ARGENTINA	1978	20.9	18.6	92.3	1.8	2.1	2.2	2.9	4.1	8.2	35.1	235.0
BAHAMAS	1979	43.4	42.6	52.6	3.3	26.9	18.2	17.9	48.8	-	266.7	1062.5
BARBADOS	1978	37.5	28.3	101.3	-	7.0	-	-	21.9	29.2	79.5	445.7
BELIZE	1979	21.5	17.1	50.0	-	-	-	14.3	-	10.0	100.0	309.0
CANADA	1978	19.4	11.1	16.3	0.6	0.7	1.4	3.1	4.3	11.6	38.2	242.9
CHILE	1979	48.0	41.4	127.5	4.1	3.2	4.1	9.1	15.9	38.0	147.3	977.7
COLOMBIA	1977	39.0	40.6	172.6	5.1	2.7	4.1	6.2	13.2	31.7	111.0	506.8
COSTA RICA	1978	15.6	15.6	59.4	0.7	0.8	3.1	1.0	2.8	12.5	65.1	375.8
CUBA	1978	40.4	32.8	53.2	3.1	2.9	3.7	5.4	12.7	38.8	170.6	1052.1
DOMINICA	1978	11.7	8.5	104.8	-	13.9	-	-	-	-	55.6	83.3
DOMINICAN REPUBLIC	1978	15.3	14.2	58.7	2.4	1.9	3.7	2.1	4.4	8.8	39.3	161.8
ECUADOR	1978	56.6	56.6	199.0	11.3	9.2	12.8	16.4	18.3	51.0	151.7	587.0
EL SALVADOR	1974	32.5	29.1	108.5	4.7	1.6	2.5	8.7	15.0	35.3	90.6	486.1
GUATEMALA	1978	129.1	124.1	444.7	30.9	27.4	41.9	50.2	67.9	141.7	349.3	1269.0
GUYANA	1977	42.2	42.6	125.9	6.0	3.3	2.1	5.7	19.2	61.1	200.0	920.0
HONDURAS	1978	17.3	15.3	60.7	5.5	1.8	2.4	4.1	9.8	14.9	62.9	100.0
JAMAICA	1971	47.7	42.6	143.3	7.5	3.4	6.1	19.7	22.7	40.7	165.2	612.1
MARTINIQUE	1975	7.3	5.6	12.2	2.3	-	-	-	7.7	18.2	28.6	75.0
MEXICO	1976	92.0	86.3	317.8	10.3	7.7	11.6	20.7	34.4	83.9	255.3	1276.6
NICARAGUA	1977	19.1	17.9	44.9	2.9	3.0	2.8	3.7	7.4	28.3	59.6	231.2
PANAMA	1974	41.6	37.9	129.2	2.9	8.6	9.8	4.1	11.5	55.1	118.7	557.6
PARAGUAY (*)	1978	53.0	60.8	203.2	7.9	3.8	4.1	4.1	7.0	26.3	113.6	693.8
PERU	1978	74.7	77.2	280.4	10.6	8.5	10.8	17.1	23.3	65.6	159.5	1083.8
PUERTO RICO	1977	26.3	17.9	40.0	2.4	1.8	1.3	4.5	11.2	22.2	76.4	541.3
ST. VINCENT	1979	28.3	24.7	97.7	-	-	-	-	23.0	-	389.6	389.6
SURINAME	1978	29.0	24.7	103.8	3.6	6.3	-	5.7	8.9	23.0	151.8	892.6
TRINIDAD AND TOBAGO	1977	29.6	28.7	66.2	4.4	2.5	7.7	5.5	14.1	54.0	111.2	798.8
UNITED STATES	1978	24.1	8.7	11.2	0.8	1.1	1.7	3.2	6.9	15.6	41.7	327.5
URUGUAY	1978	19.3	11.2	41.1	1.2	2.2	2.1	2.1	2.8	9.5	33.5	255.6
VENEZUELA	1978	30.3	30.4	99.5	3.8	3.3	4.0	7.4	14.2	31.0	91.4	700.0

(\*) AREA OF INFORMATION ONLY.

Table II-5a  
 NUMBER OF DEATHS FROM CIRRHOSIS OF THE LIVER (571), BY AGE, SEX, AND COUNTRY

COUNTRY	YEAR	ALL AGES	AGE IN YEARS										UN-KNOWN
			UNDER 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75 AND OVER		
BOTH SEXES													
ARGENTINA	1978	4167	20	11	22	120	500	1066	1082	914	390	42	
BAHAMAS	1979	45	2	-	1	4	9	14	9	4	2	-	
BARBADOS	1978	19	-	-	-	1	3	4	3	7	1	-	
BELIZE	1979	4	-	-	-	-	-	-	-	-	-	-	
CANADA	1978	2838	6	2	7	62	264	774	864	610	248	1	
CHILE	1979	3636	8	11	15	155	580	1141	934	614	176	2	
COLOMBIA	1977	630	-	6	11	36	70	123	156	151	74	3	
COSTA RICA	1979	112	1	-	3	12	17	25	27	20	10	1	
CUBA	1978	530	6	8	13	7	28	61	127	162	118	2	
DOMINICA	1978	8	-	-	-	-	-	-	-	-	-	-	
DOMINICAN REPUBLIC	1978	451	7	6	12	21	56	86	102	91	58	12	
ECUADOR	1978	401	4	4	13	19	57	77	80	88	59	-	
EL SALVADOR	1974	241	1	9	3	23	45	70	34	34	24	3	
GUATEMALA	1978	559	9	9	23	58	99	112	103	85	57	4	
GUYANA	1977	117	-	-	1	5	20	46	17	24	1	4	
HONDURAS	1978	102	-	-	1	11	12	30	17	15	13	2	
JAMAICA	1971	123	2	-	1	5	14	33	25	33	9	1	
MARTINIQUE	1975	57	-	-	-	-	-	14	24	13	3	-	
MEXICO	1976	12261	76	32	124	862	2332	3005	2451	1946	1309	124	
NICARAGUA	1977	84	1	1	1	2	12	15	14	18	20	-	
PANAMA	1974	51	1	1	1	3	5	10	17	16	7	-	
PARAGUAY (*)	1978	65	-	-	1	4	5	12	17	14	11	1	
PERU	1978	862	15	15	15	26	73	153	207	196	136	26	
PUERTO RICO	1977	710	1	1	4	26	98	170	195	135	76	4	
ST. VINCENT	1979	-	-	-	-	-	-	-	-	-	-	-	
SURINAME	1978	43	-	1	1	-	8	17	7	5	4	-	
TRINIDAD AND TOBAGO	1977	150	-	-	1	9	20	39	46	27	8	-	
UNITED STATES	1978	30066	43	13	122	1180	3506	7453	8996	6209	2529	15	
URUGUAY	1978	259	11	2	1	5	23	70	77	60	20	-	
VENEZUELA	1978	968	11	13	16	45	107	237	243	196	95	5	
MALE													
ARGENTINA	1978	3135	15	6	10	78	381	826	838	699	247	35	
BAHAMAS	1979	28	1	-	1	2	4	7	8	4	-	-	
BARBADOS	1978	12	-	-	-	-	1	3	2	6	-	-	
BELIZE	1979	3	-	-	-	-	-	-	-	-	-	-	
CANADA	1978	1942	1	1	7	34	188	569	585	405	151	1	
CHILE	1979	2576	6	7	8	117	406	836	671	407	117	1	
COLOMBIA	1977	427	-	3	8	18	52	88	120	97	38	3	
COSTA RICA	1979	72	-	2	5	8	16	17	14	9	5	1	
CUBA	1978	296	2	6	5	19	40	59	94	66	41	-	
DOMINICA	1978	4	-	-	-	-	-	-	-	-	-	-	
DOMINICAN REPUBLIC	1978	289	3	2	8	17	32	60	65	61	34	7	
ECUADOR	1978	294	-	4	9	16	49	55	65	59	37	-	
EL SALVADOR	1974	186	-	2	1	19	34	56	27	28	16	3	
GUATEMALA	1978	391	5	6	14	46	70	85	74	49	39	3	
GUYANA	1977	96	-	-	1	9	16	38	17	15	1	3	
HONDURAS	1978	75	-	-	2	9	22	11	11	9	0	2	
JAMAICA	1971	101	1	-	-	3	14	26	21	28	8	-	
MARTINIQUE	1975	29	-	-	-	-	1	6	15	6	1	-	
MEXICO	1976	9413	41	17	88	726	1931	2404	1859	1380	868	99	
NICARAGUA	1977	62	-	-	-	1	9	12	13	13	13	-	
PANAMA	1974	30	-	-	-	4	4	12	4	6	6	-	
PARAGUAY (*)	1978	46	-	-	3	4	4	10	11	9	9	-	
PERU	1978	581	10	7	8	17	50	112	144	134	81	18	
PUERTO RICO	1977	550	1	-	3	19	78	141	156	101	47	4	
ST. VINCENT	1979	35	-	-	-	-	4	16	7	3	4	-	
SURINAME	1978	125	-	1	1	5	18	35	39	19	8	-	
TRINIDAD AND TOBAGO	1977	125	-	-	1	5	18	35	39	19	8	-	
UNITED STATES	1978	19693	20	11	69	795	2340	4851	6018	4134	1444	11	
URUGUAY	1978	182	-	-	1	4	16	55	60	38	8	-	
VENEZUELA	1978	708	6	6	11	32	80	193	189	132	55	4	
FEMALE													
ARGENTINA	1978	1032	5	5	12	42	119	240	244	215	143	7	
BAHAMAS	1979	17	-	-	-	-	5	7	1	-	1	-	
BARBADOS	1978	7	-	-	-	-	2	1	1	1	-	-	
BELIZE	1979	3	-	-	-	-	-	-	-	-	-	-	
CANADA	1978	895	5	1	7	28	76	205	279	205	97	-	
CHILE	1979	1060	2	4	7	38	174	305	263	207	59	1	
COLOMBIA	1977	203	-	3	3	18	18	35	36	54	36	-	
COSTA RICA	1979	40	1	1	1	4	1	8	9	11	5	-	
CUBA	1978	234	4	2	8	2	9	21	68	68	52	1	
DOMINICA	1978	4	-	-	-	-	-	-	-	-	-	-	
DOMINICAN REPUBLIC	1978	162	4	4	4	4	24	26	37	30	24	5	
ECUADOR	1978	107	4	-	4	3	8	22	15	29	22	-	
EL SALVADOR	1974	55	-	3	2	4	11	14	7	6	8	-	
GUATEMALA	1978	168	4	3	9	12	29	27	29	36	18	1	
GUYANA	1977	21	-	-	-	-	4	8	7	9	4	-	
HONDURAS	1978	27	-	-	-	2	3	7	6	4	4	-	
JAMAICA	1971	22	1	-	1	2	-	7	4	5	1	-	
MARTINIQUE	1975	28	-	-	-	-	2	8	9	7	2	-	
MEXICO	1976	2829	35	15	36	136	397	595	589	562	440	24	
NICARAGUA	1977	22	1	1	1	3	3	3	1	5	7	-	
PANAMA	1974	21	-	-	-	1	2	4	5	4	2	-	
PARAGUAY (*)	1978	19	-	-	1	1	1	2	1	5	2	1	
PERU	1978	281	5	8	7	9	23	41	63	62	55	8	
PUERTO RICO	1977	160	-	1	1	7	20	29	39	34	29	-	
ST. VINCENT	1979	-	-	-	-	-	-	-	-	-	-	-	
SURINAME	1978	8	-	-	1	-	4	1	-	2	-	-	
TRINIDAD AND TOBAGO	1977	25	-	-	-	4	2	4	7	8	-	-	
UNITED STATES	1978	10373	23	2	53	385	1166	2602	2978	2075	1085	4	
URUGUAY	1978	77	1	2	-	1	7	15	17	22	12	-	
VENEZUELA	1978	260	5	7	5	13	27	44	54	64	40	1	

(\*) AREA OF INFORMATION ONLY.

Table II-5b  
CRUDE, AGE-ADJUSTED, AND AGE-SPECIFIC DEATH RATES PER 100,000 POPULATION FROM  
CIRRHOSIS OF THE LIVER (571), BY SEX AND COUNTRY

COUNTRY	YEAR	CRUDE RATE	AGE-ADJUSTED RATE	AGE IN YEARS									
				UNDER 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75 AND OVER	
BOTH SEXES													
ARGENTINA	1978	15.8	9.3	0.7	0.2	0.5	3.2	15.4	35.3	48.2	63.5	58.8	
BAHAMAS	1979	20.1	20.8	5.8	-	-	2.8	40.2	87.5	85.0	76.9	80.0	
BARBADOS	1978	7.2	4.8	-	-	-	-	3.0	13.4	16.9	16.0	13.0	
BELIZE	1979	2.5	2.7	-	-	-	-	-	7.7	10.0	12.5	25.0	
CANADA	1978	12.1	7.1	0.3	0.1	0.2	1.6	9.8	31.2	42.7	45.5	31.2	
CHILE	1979	33.3	27.3	0.7	0.5	0.7	9.3	47.1	124.1	148.5	154.4	91.1	
COLOMBIA	1977	2.5	2.9	-	0.1	0.2	1.2	3.0	7.8	16.0	29.1	30.9	
COSTA RICA	1974	6.2	5.3	0.4	-	-	0.6	3.7	17.2	24.4	37.6	40.7	
CUBA	1978	5.5	3.7	0.5	0.3	0.8	0.5	2.7	7.6	19.9	36.8	61.1	
DOMINICAN REPUBLIC	1978	9.8	7.4	-	-	-	-	16.7	34.5	21.7	33.3	111.1	
ECUADOR	1978	8.8	10.3	0.8	0.4	1.2	3.6	11.5	29.3	58.7	91.2	98.8	
EL SALVADOR	1978	5.1	5.7	0.3	0.2	0.9	1.9	8.2	15.8	24.7	51.5	71.2	
GUATEMALA	1974	6.2	6.9	-	-	-	0.4	4.8	13.0	27.8	21.4	37.3	
GUYANA	1978	8.2	9.5	0.8	0.5	1.7	6.9	15.8	25.2	40.9	62.5	105.6	
HONDURAS	1977	14.4	15.4	0.8	-	-	0.6	5.4	29.9	86.5	45.9	120.0	
JAMAICA	1978	3.0	3.6	-	-	-	0.3	2.6	4.1	14.7	12.8	22.1	
MARTINIQUE	1971	6.5	6.0	0.7	-	-	0.3	-	-	21.7	53.3	34.1	
MEXICO	1975	17.8	13.8	-	-	-	-	0.4	4.8	13.0	27.8	50.0	
MEXICO	1976	19.7	23.1	0.7	0.2	1.0	10.8	42.9	82.4	114.2	139.5	181.4	
NICARAGUA	1977	3.6	4.3	0.2	0.1	0.2	0.8	5.7	11.4	17.5	41.4	75.7	
PANAMA	1974	3.2	3.3	0.4	0.2	-	-	1.5	4.0	9.0	23.4	16.0	
PARAGUAY (*)	1978	3.9	3.9	-	-	-	0.3	2.1	3.5	10.8	23.0	34.1	
PERU	1978	5.1	5.3	0.6	0.3	0.4	1.2	4.7	13.8	29.2	49.4	74.9	
PUERTO RICO	1977	21.4	16.0	0.3	0.1	0.6	5.8	29.1	64.4	114.2	95.7	89.4	
ST. VINCENT	1979	1.8	1.9	-	-	-	-	-	-	13.0	19.2	-	
SURINAME	1978	11.5	12.4	-	0.9	1.6	-	22.7	74.7	41.6	47.4	95.1	
TRINIDAD AND TOBAGO	1977	13.4	12.0	-	-	-	0.4	5.6	18.7	44.8	62.6	78.4	
UNITED STATES	1978	13.5	7.6	0.3	0.0	0.2	3.4	14.1	31.6	42.7	40.8	27.2	
URUGUAY	1978	9.0	8.4	0.4	0.4	0.4	1.4	9.1	20.1	28.9	33.4	15.7	
VENEZUELA	1978	7.4	8.2	0.5	0.4	0.6	2.5	9.3	27.3	45.3	68.1	80.5	
MALE													
ARGENTINA	1978	23.8	14.4	1.1	0.2	0.4	4.1	23.4	54.9	77.2	103.6	87.3	
BAHAMAS	1979	25.2	27.5	5.7	-	-	5.7	11.8	35.7	89.7	160.0	181.8	
BARBADOS	1978	9.5	5.8	-	-	-	-	9.8	29.9	19.0	71.9	111.1	
BELIZE	1979	1.3	1.9	-	-	-	-	-	-	25.0	-	-	
CANADA	1978	16.6	10.1	0.1	0.0	0.3	1.8	13.8	46.0	60.4	65.9	48.7	
CHILE	1979	47.6	41.0	1.0	0.6	0.7	14.1	66.8	187.4	227.6	232.6	159.6	
COLOMBIA	1977	3.5	4.0	-	0.1	0.3	1.2	4.7	11.4	24.9	38.6	35.6	
COSTA RICA	1979	6.6	7.0	-	-	-	0.8	5.0	23.4	30.4	35.2	44.4	
CUBA	1978	6.0	4.0	0.4	0.5	0.6	0.7	3.6	9.9	17.8	38.7	68.0	
DOMINICAN REPUBLIC	1978	10.4	10.7	-	-	-	-	38.5	38.5	-	83.3	166.7	
ECUADOR	1978	11.3	12.9	0.7	0.3	1.7	6.0	12.9	38.6	68.6	118.7	122.3	
EL SALVADOR	1978	7.4	8.7	-	0.4	1.2	3.2	14.1	22.7	40.7	72.0	101.7	
GUATEMALA	1974	9.5	10.9	-	0.4	0.3	7.8	19.5	44.7	35.3	67.6	94.8	
GUYANA	1978	11.3	13.4	0.8	0.6	2.0	10.2	22.2	38.1	89.5	73.1	156.0	
HONDURAS	1977	23.9	26.1	-	-	-	1.1	50.0	144.2	89.5	166.7	35.3	
JAMAICA	1978	4.3	5.4	-	-	-	4.3	6.2	21.6	16.7	33.3	75.0	
MARTINIQUE	1971	10.8	11.0	0.7	-	-	3.0	22.7	43.3	37.4	97.9	80.8	
MEXICO	1975	18.7	15.5	-	-	-	-	6.7	50.0	166.7	120.0	50.0	
MEXICO	1976	29.9	36.4	0.7	0.2	1.4	18.0	71.0	133.6	178.8	207.4	262.8	
NICARAGUA	1977	2.5	6.9	-	0.3	-	0.8	8.9	18.9	34.0	63.7	115.3	
PANAMA	1974	3.7	3.7	-	-	-	-	5.3	10.3	30.9	10.5	59.6	
PARAGUAY (*)	1978	5.6	6.0	-	-	-	3.3	5.7	18.5	30.6	47.4	90.0	
PERU	1978	6.9	7.4	0.8	0.3	0.5	1.5	6.4	20.2	41.3	70.0	98.1	
PUERTO RICO	1977	33.8	25.5	0.5	-	0.9	9.1	49.4	105.2	144.4	146.4	117.5	
ST. VINCENT	1979	1.8	1.9	-	-	-	-	-	-	29.4	-	-	
SURINAME	1978	18.7	20.7	-	1.8	-	-	22.7	138.5	86.1	56.9	193.2	
TRINIDAD AND TOBAGO	1977	22.0	21.1	-	-	0.8	5.9	34.6	78.5	119.2	109.5	224.0	
UNITED STATES	1978	18.2	10.7	0.2	0.1	0.3	4.7	19.4	42.4	60.4	62.6	43.1	
URUGUAY	1978	13.0	7.7	0.4	0.4	0.4	2.2	8.9	32.0	46.4	45.3	20.5	
VENEZUELA	1978	10.8	12.3	0.5	0.3	0.8	3.7	14.1	43.5	70.3	96.4	110.0	
FEMALE													
ARGENTINA	1978	7.8	4.5	0.4	0.2	0.5	2.3	7.4	15.9	21.1	28.1	37.6	
BAHAMAS	1979	15.0	15.4	5.8	-	-	12.1	44.6	85.4	18.2	9.9	62.5	
BARBADOS	1978	5.1	3.9	-	-	-	5.6	16.5	7.3	9.7	-	19.4	
BELIZE	1979	3.8	4.1	-	-	-	-	14.3	20.0	-	50.0	-	
CANADA	1978	7.4	4.3	0.6	0.1	-	1.5	5.7	10.5	26.4	28.3	20.0	
CHILE	1979	19.2	14.9	0.3	0.3	0.6	4.6	27.9	64.5	78.8	93.0	49.2	
COLOMBIA	1977	1.6	1.8	-	0.1	0.1	1.1	1.5	4.3	7.3	20.1	27.1	
COSTA RICA	1979	3.7	3.7	0.7	0.4	0.4	2.5	1.0	11.0	18.7	39.8	37.6	
CUBA	1978	4.9	3.4	0.7	0.2	1.0	0.3	1.7	5.3	22.1	34.5	54.2	
DOMINICAN REPUBLIC	1978	9.3	5.2	-	-	-	-	-	31.3	60.0	-	83.2	
ECUADOR	1978	6.3	7.6	0.9	0.5	0.8	1.3	10.0	18.9	46.7	62.0	77.7	
EL SALVADOR	1974	2.7	2.9	0.6	-	0.5	0.6	2.3	9.0	9.1	32.6	47.3	
GUATEMALA	1978	2.8	3.1	-	0.6	0.5	1.7	6.4	11.0	8.5	12.1	36.3	
GUYANA	1978	5.0	5.1	0.7	0.3	1.4	2.7	9.4	12.2	22.8	52.2	62.1	
HONDURAS	1977	5.1	5.1	-	-	-	-	11.4	26.9	-	81.8	-	
JAMAICA	1978	1.6	2.0	-	-	-	1.0	2.1	7.8	9.0	11.4	28.6	
MARTINIQUE	1971	2.3	1.9	0.7	-	0.6	1.8	-	9.9	6.8	15.0	6.1	
MEXICO	1975	17.0	12.5	-	-	-	-	11.8	61.5	81.8	100.0	50.0	
MEXICO	1976	9.2	10.2	0.6	0.2	0.6	3.4	14.6	32.2	53.2	77.0	112.4	
NICARAGUA	1977	2.0	2.0	0.5	-	0.4	0.7	2.7	7.7	24.4	24.6	46.2	
PANAMA	1974	2.7	2.8	0.8	0.5	-	3.0	2.8	7.7	14.8	21.6	9.2	
PARAGUAY (*)	1978	2.3	2.1	-	-	0.6	1.0	1.4	3.5	15.8	22.7	12.5	
PERU	1978	3.4	3.4	0.4	0.4	0.4	0.8	2.9	7.4	17.5	30.2	55.6	
PUERTO RICO	1977	9.5	6.7	0.3	0.3	2.9	11.2	20.3	36.1	47.2	47.2	63.0	
ST. VINCENT	1979	1.8	1.9	-	-	-	-	-	-	-	-	-	
SURINAME	1978	4.3	4.5	-	-	3.1	-	22.7	8.9	-	38.0	-	
TRINIDAD AND TOBAGO	1977	4.5	3.9	-	-	-	5.2	3.7	9.4	21.0	46.8	-	
UNITED STATES	1978	9.1	5.0	0.3	0.0	0.3	2.2	9.2	21.4	26.9	24.1	18.3	
URUGUAY	1978	5.3	2.7	0.7	0.8	0.5	0.5	3.7	8.5	12.4	23.0	19.3	
VENEZUELA	1978	4.0	4.3	0.5	0.4	0.4	1.4	4.7	10.4	20.1	42.4	58.8	

(\*) AREA OF INFORMATION ONLY.



Table II-5a  
 NUMBER OF DEATHS FROM COMPLICATIONS OF PREGNANCY, CHILDBIRTH, AND THE PUERPERIUM (630-678),  
 BY AGE AND COUNTRY

COUNTRY	YEAR	ALL AGES	AGE IN YEARS										UN- KNOWN
			UNDER 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75 AND OVER		
FEMALE													
ARGENTINA	1978	562	-	7	149	250	145	5	1	-	1	4	
BAHAMAS	1978	2	-	-	-	-	-	-	-	-	-	-	
BARBADOS	1978	3	-	-	-	-	2	1	-	-	-	-	
BELIZE	1979	3	-	-	1	2	-	-	-	-	-	-	
CANADA	1978	23	-	-	5	10	8	-	-	-	-	-	
CHILE	1979	176	-	1	62	69	40	2	1	-	-	1	
COLOMBIA	1977	1077	-	2	354	412	281	14	-	-	-	14	
COSTA RICA	1979	29	-	-	9	13	6	-	-	-	-	-	
CUBA	1978	67	-	2	21	31	13	-	-	-	-	-	
DOMINICA	1978	2	-	-	-	-	-	-	-	-	-	-	
DOMINICAN REPUBLIC	1978	104	-	1	37	35	17	-	-	-	-	9	
ECUADOR	1978	498	-	-	167	156	154	19	-	-	-	2	
EL SALVADOR	1974	151	-	-	58	44	39	-	-	-	-	3	
GUATEMALA	1978	343	-	1	106	135	90	8	2	-	-	1	
GUYANA	1977	24	-	-	3	15	6	-	-	-	-	-	
HONDURAS	1978	165	-	-	55	52	52	2	1	-	-	3	
JAMAICA	1971	90	-	2	25	30	31	2	-	-	-	-	
MARTINIQUE	1975	2	-	-	-	-	1	-	-	-	-	-	
MEXICO	1976	2561	-	11	782	937	739	63	-	-	-	29	
NICARAGUA	1977	84	-	-	29	29	18	4	1	-	-	2	
PANAMA	1974	44	-	1	18	16	10	-	-	-	-	2	
PARAGUAY (*)	1978	151	-	3	49	49	44	4	-	-	-	2	
PERU	1978	690	-	5	183	223	214	18	-	-	-	47	
PUERTO RICO	1977	10	-	-	2	4	-	-	-	-	-	-	
ST. VINCENT	1979	3	-	-	-	-	1	-	-	-	-	-	
SURINAME	1978	14	-	-	6	1	5	-	-	-	-	-	
TRINIDAD AND TOBAGO	1977	22	-	-	6	11	-	-	-	-	-	-	
UNITED STATES	1978	321	-	3	117	146	53	2	-	-	-	-	
URUGUAY	1978	32	-	-	9	4	19	-	-	-	-	-	
VENEZUELA	1978	310	-	-	107	132	70	1	-	-	-	-	

(\*) AREA OF INFORMATION ONLY.

Table II-5b  
 CRUDE, AGE-ADJUSTED, AND AGE-SPECIFIC DEATH RATES PER 100,000 POPULATION FROM  
 COMPLICATIONS OF PREGNANCY, CHILDBIRTH AND THE PUERPERIUM (630-678), BY COUNTRY

COUNTRY	YEAR	CRUDE RATE	AGE- ADJUSTED RATE	UNDER 5	AGE IN YEARS									
					5-14	15-24	25-34	35-44	45-54	55-64	65-74	75 AND OVER		
FEMALE														
ARGENTINA	1978	4.3	4.1	-	0.3	6.7	13.5	9.0	0.3	0.1	-	0.3		
BAHAMAS	1978	1.8	1.9	-	-	-	-	17.9	-	-	-	-		
BARBADOS	1978	2.2	2.3	-	-	-	-	16.5	7.3	-	-	-		
BELIZE	1979	3.8	4.9	-	-	7.7	25.0	-	-	-	-	-		
CANADA	1978	0.2	0.2	-	-	0.2	0.5	0.6	-	-	-	-		
CHILE	1979	3.2	2.9	-	0.1	5.5	8.3	6.4	0.4	0.3	-	-		
COLOMBIA	1977	8.5	8.5	-	0.1	13.2	25.5	23.4	1.7	-	-	-		
COSTA RICA	1979	2.7	2.4	-	-	3.6	8.1	6.0	-	-	-	-		
CUBA	1978	1.4	1.4	-	0.2	3.7	4.4	2.5	-	-	-	-		
DOMINICA	1978	4.7	5.1	-	-	27.8	-	-	-	-	-	-		
DOMINICAN REPUBLIC	1978	4.1	3.9	-	0.1	7.1	12.6	7.1	1.5	-	-	-		
ECUADOR	1978	12.7	13.6	-	-	22.2	31.1	44.3	7.7	-	-	-		
EL SALVADOR	1974	7.8	8.2	-	-	15.8	18.6	25.6	5.5	-	-	-		
GUATEMALA	1978	10.2	10.6	-	0.1	15.9	30.8	29.1	3.6	1.6	-	-		
GUYANA	1977	5.9	6.7	-	-	3.3	31.3	17.1	-	-	-	-		
HONDURAS	1978	9.6	10.5	-	-	16.8	24.9	35.9	2.0	1.5	-	-		
JAMAICA	1971	9.3	10.6	-	0.7	14.1	26.3	38.1	2.8	-	-	-		
MARTINIQUE	1975	1.2	1.4	-	-	-	5.6	5.9	-	-	-	-		
MEXICO	1976	8.3	8.8	-	0.1	13.1	23.7	27.2	3.4	-	-	-		
NICARAGUA	1977	9.1	7.5	-	0.3	12.5	20.6	16.5	5.9	2.4	-	-		
PANAMA	1974	5.6	5.8	-	-	11.9	15.8	13.8	-	-	-	-		
PARAGUAY (*)	1978	18.2	19.9	-	1.3	31.4	50.5	60.3	7.0	-	-	-		
PERU	1978	8.2	7.9	-	0.2	11.0	19.8	27.4	3.2	-	-	-		
PUERTO RICO	1977	0.6	0.6	-	-	-	1.7	2.2	-	-	-	-		
ST. VINCENT	1979	0.0	0.0	-	-	20.2	-	18.5	-	-	-	-		
SURINAME	1978	7.5	8.2	-	-	18.8	4.1	39.7	-	-	-	-		
TRINIDAD AND TOBAGO	1977	4.0	3.8	-	-	5.0	14.2	9.1	-	-	-	-		
UNITED STATES	1978	0.3	0.3	-	0.0	0.6	0.8	0.4	0.0	-	-	-		
URUGUAY	1978	2.4	2.1	-	-	3.7	2.1	10.1	-	-	-	-		
VENEZUELA	1978	4.7	4.7	-	-	7.7	14.3	12.1	0.2	-	-	-		

(\*) AREA OF INFORMATION ONLY.

Table II-5a  
NUMBER OF DEATHS FROM ABORTION (640-645), BY AGE AND COUNTRY

C O U N T R Y	Y E A R	A L L A G E S	A G E I N Y E A R S										U N - K N O W N
			U N D E R 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75 AND O V E R		
			F E M A L E										
ARGENTINA	1978	170	-	-	56	86	24	2	1	-	-	1	
BAHAMAS	1978	-	-	-	-	-	-	-	-	-	-	-	
BARBADOS	1978	1	-	-	-	-	1	-	-	-	-	-	
BELIZE	1979	-	-	-	-	-	-	-	-	-	-	-	
CANADA	1978	-	-	-	-	-	-	-	-	-	-	-	
CHILE	1979	58	-	1	23	25	9	-	-	-	-	-	
COLOMBIA	1977	211	-	-	78	84	45	1	-	-	-	3	
COSTA RICA	1979	4	-	-	-	2	-	-	-	-	-	-	
CUBA	1978	5	-	-	3	2	-	-	-	-	-	-	
DOMINICA	1978	-	-	-	-	2	-	-	-	-	-	-	
DOMINICAN REPUBLIC	1978	9	-	1	3	2	1	-	-	-	-	2	
ECUADOR	1978	30	-	-	9	11	8	1	-	-	-	1	
EL SALVADOR	1974	12	-	-	9	6	5	-	-	-	-	-	
GUATEMALA	1978	30	-	-	9	16	2	-	-	-	-	-	
GUYANA	1977	6	-	-	2	1	1	-	-	-	-	-	
HONDURAS	1978	4	-	-	3	1	1	-	-	-	-	-	
JAMAICA	1971	5	-	-	2	2	1	-	-	-	-	-	
MARTINIQUE	1975	1	-	-	-	1	1	-	-	-	-	-	
MEXICO	1976	149	-	-	45	58	39	6	-	-	-	1	
NICARAGUA	1977	4	-	-	1	2	1	-	-	-	-	-	
PANAMA	1974	1	-	-	-	1	-	-	-	-	-	-	
PARAGUAY (*)	1978	23	-	-	14	9	-	-	-	-	-	-	
PERU	1978	59	-	-	21	20	8	4	-	-	-	6	
PUERTO RICO	1977	-	-	-	-	-	-	-	-	-	-	-	
ST. VINCENT	1979	-	-	-	-	-	-	-	-	-	-	-	
SURINAME	1978	-	-	-	-	-	-	-	-	-	-	-	
TRINIDAD AND TOBAGO	1977	9	-	-	4	3	2	-	-	-	-	-	
UNITED STATES	1978	16	-	-	6	7	3	-	-	-	-	-	
URUGUAY	1978	5	-	-	-	-	-	-	-	-	-	-	
VENEZUELA	1978	61	-	-	25	31	3	-	-	-	-	-	

(\*) AREA OF INFORMATION ONLY.

Table II-5b  
CRUDE, AGE-ADJUSTED, AND AGE-SPECIFIC DEATH RATES PER 100,000 POPULATION  
FROM ABORTION (640-645), BY COUNTRY

C O U N T R Y	Y E A R	C R U D E R A T E	A G E - A D J U S T E D R A T E	A G E I N Y E A R S									
				U N D E R 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75 AND O V E R	
				F E M A L E									
ARGENTINA	1978	1.3	1.3	-	-	2.5	4.6	1.5	0.1	0.1	-	-	
BAHAMAS	1978	-	-	-	-	-	-	-	-	-	-	-	
BARBADOS	1978	0.7	0.9	-	-	-	-	8.2	-	-	-	-	
BELIZE	1979	1.3	1.7	-	-	-	12.5	-	-	-	-	-	
CANADA	1978	-	-	-	-	-	-	-	-	-	-	-	
CHILE	1979	1.1	1.0	-	0.1	2.0	3.0	1.4	-	-	-	-	
COLOMBIA	1977	1.7	1.6	-	-	2.9	5.2	3.7	0.1	-	-	-	
COSTA RICA	1979	0.4	0.3	-	-	0.8	1.3	-	-	-	-	-	
CUBA	1978	0.1	0.1	-	-	0.4	0.3	-	-	-	-	-	
DOMINICA	1978	-	-	-	-	-	-	-	-	-	-	-	
DOMINICAN REPUBLIC	1978	0.4	0.3	-	0.1	0.6	0.7	0.4	-	-	-	-	
ECUADOR	1978	0.8	0.8	-	-	1.2	2.2	2.3	-	-	-	-	
EL SALVADOR	1974	0.6	0.7	-	-	0.6	1.7	1.2	-	-	-	-	
GUATEMALA	1978	0.9	0.9	-	-	1.4	3.6	1.6	-	-	-	-	
GUYANA	1977	1.5	1.6	-	-	2.2	6.3	2.9	-	-	-	-	
HONDURAS	1978	0.2	0.2	-	-	0.9	0.5	-	-	-	-	-	
JAMAICA	1971	0.5	0.6	-	-	1.1	1.8	1.2	-	-	-	-	
MARTINIQUE	1975	0.6	0.8	-	-	-	5.6	-	-	-	-	-	
MEXICO	1976	0.5	0.5	-	-	0.8	1.5	1.4	0.3	-	-	-	
NICARAGUA	1977	0.3	0.4	-	-	0.4	1.4	0.9	-	-	-	-	
PANAMA	1974	0.1	0.1	-	-	-	1.0	-	-	-	-	-	
PARAGUAY (*)	1978	2.8	2.9	-	-	9.0	9.3	-	-	-	-	-	
PERU	1978	0.7	0.6	-	-	1.3	1.8	1.0	0.7	-	-	-	
PUERTO RICO	1977	-	-	-	-	-	-	-	-	-	-	-	
ST. VINCENT	1979	-	-	-	-	-	-	-	-	-	-	-	
SURINAME	1978	-	-	-	-	-	-	-	-	-	-	-	
TRINIDAD AND TOBAGO	1977	1.6	1.5	-	-	3.3	3.9	3.7	-	-	-	-	
UNITED STATES	1978	0.0	0.0	-	-	0.0	0.0	0.0	-	-	-	-	
URUGUAY	1978	0.3	0.3	-	-	0.9	1.6	-	-	-	-	-	
VENEZUELA	1978	0.9	0.9	-	-	1.8	3.4	0.9	-	-	-	-	

(\*) AREA OF INFORMATION ONLY.

Table II-5a  
 NUMBER OF DEATHS FROM SYMPTOMS AND ILL-DEFINED CONDITIONS (780-796), BY AGE, SEX, AND COUNTRY

COUNTRY	YEAR	ALL AGES	AGE IN YEARS								UN-KNOWN	
			UNDER 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74		75 AND OVER
BOTH SEXES												
ARGENTINA	1973	10116	2684	150	246	290	436	736	1086	1693	2583	212
BAHAMAS	1979	70	6	1	2	1	7	8	4	8	34	-
BARBADOS	1978	70	3	1	1	3	4	4	10	22	50	4
BELIZE	1979	136	3	2	3	4	4	10	22	50	4	
CANADA	1978	2380	553	9	82	78	104	143	220	301	880	10
CHILE	1979	8087	1018	137	126	164	247	479	748	1575	3586	7
COLOMBIA	1977	12545	4062	655	387	345	481	596	879	1494	3514	132
COSTA RICA	1979	854	149	20	19	24	50	74	155	155	329	6
CUBA	1978	175	27	14	10	24	20	14	8	12	46	-
DOMINICA	1978	175	27	14	10	24	20	14	8	12	46	-
DOMINICAN REPUBLIC	1978	7371	1937	269	228	205	251	447	591	921	2186	336
ECUADOR	1978	9362	3203	552	360	295	346	411	546	808	2399	442
EL SALVADOR	1974	10154	3917	452	252	553	412	553	828	1272	2163	56
GUATEMALA	1978	9772	4085	665	490	513	480	537	681	848	1406	67
GUYANA	1977	711	70	20	42	20	29	55	56	11	284	24
HONDURAS	1978	5770	1973	379	209	185	193	267	317	465	664	1118
JAMAICA	1971	1401	204	19	20	14	29	50	97	198	748	22
MARTINIQUE	1975	334	44	8	4	5	13	17	41	64	134	-
MEXICO	1976	45164	16542	2151	1613	1686	1956	2019	2536	4186	11641	834
NICARAGUA	1977	367	1354	133	138	134	136	176	237	333	678	48
PANAMA	1974	1472	505	95	58	55	69	67	108	177	338	-
PARAGUAY (*)	1978	2555	740	77	75	66	86	153	190	262	861	45
PERU	1978	6903	2191	297	277	248	242	284	371	508	1758	732
PUERTO RICO	1977	451	29	4	14	14	10	16	34	62	266	2
ST. VINCENT	1979	94	2	1	1	1	2	2	9	4	4	-
SURINAME	1978	831	27	4	3	7	12	18	25	63	171	501
TRINIDAD AND TOBAGO	1977	315	5	3	17	16	5	6	15	44	204	-
UNITED STATES	1978	31324	6006	152	818	1203	1335	2420	4119	5569	9634	68
URUGUAY	1978	1930	270	11	27	33	68	192	275	399	625	30
VENEZUELA	1978	10298	3052	299	241	246	416	708	1128	1546	2641	21
MALE												
ARGENTINA	1978	5688	1425	89	139	152	259	510	751	1081	1150	132
BAHAMAS	1979	37	4	-	2	1	4	6	1	4	15	-
BARBADOS	1978	16	-	-	-	-	-	-	1	3	11	-
BELIZE	1979	64	16	-	-	-	-	-	3	6	28	-
CANADA	1978	1336	346	4	54	54	75	100	142	171	370	3
CHILE	1979	4111	573	72	64	96	149	276	438	839	1601	3
COLOMBIA	1977	6152	2148	316	194	163	207	299	467	778	1503	77
COSTA RICA	1979	486	86	12	13	7	15	28	46	91	184	4
CUBA	1978	59	12	6	16	13	11	2	5	7	23	-
DOMINICA	1978	23	6	1	1	1	1	1	2	4	2	-
DOMINICAN REPUBLIC	1978	3834	1024	163	111	117	112	223	323	522	1048	191
ECUADOR	1978	4532	1617	282	173	144	182	232	306	405	1031	160
EL SALVADOR	1974	5151	2145	227	127	122	206	279	411	655	949	30
GUATEMALA	1978	5109	2182	349	234	252	216	304	406	433	684	40
GUYANA	1977	365	42	12	27	7	21	40	32	60	112	12
HONDURAS	1978	2898	1024	196	133	83	88	135	145	213	315	624
JAMAICA	1971	670	112	9	43	7	17	35	55	113	296	13
MARTINIQUE	1975	172	23	4	2	5	10	10	27	39	48	-
MEXICO	1976	23000	8879	1123	803	808	986	1132	1410	2160	5259	440
NICARAGUA	1977	1766	770	70	82	78	79	101	118	156	280	30
PANAMA	1974	765	282	45	23	30	30	35	67	97	163	-
PARAGUAY (*)	1978	1270	355	51	30	30	44	67	107	141	359	29
PERU	1978	3309	1134	157	123	114	115	166	187	248	685	380
PUERTO RICO	1977	218	14	2	6	8	6	12	17	31	120	2
ST. VINCENT	1979	86	4	1	1	1	1	1	3	3	20	-
SURINAME	1978	454	18	2	4	4	6	17	16	33	85	271
TRINIDAD AND TOBAGO	1977	147	3	-	10	14	3	4	11	19	83	-
UNITED STATES	1978	17998	3556	84	533	776	841	1558	2809	3467	4284	50
URUGUAY	1978	1135	149	7	15	17	53	149	189	258	279	19
VENEZUELA	1978	5362	1642	157	127	122	213	407	641	846	1196	11
FEMALE												
ARGENTINA	1978	4428	1259	61	107	138	177	226	335	612	1433	80
BAHAMAS	1979	33	2	-	-	-	-	2	3	4	19	-
BARBADOS	1978	54	2	-	-	-	-	1	5	5	44	-
BELIZE	1979	72	18	-	-	-	-	1	3	5	28	-
CANADA	1978	1044	212	5	28	24	24	43	70	110	510	4
CHILE	1979	3976	445	65	62	68	98	203	310	736	1985	4
COLOMBIA	1977	6393	1914	339	193	182	274	297	412	716	2011	55
COSTA RICA	1979	368	63	8	15	12	9	22	28	64	145	2
CUBA	1978	76	15	2	4	8	7	1	5	5	23	-
DOMINICA	1978	31	-	-	-	-	-	-	1	4	22	-
DOMINICAN REPUBLIC	1978	3537	913	106	117	88	139	224	268	399	1138	145
ECUADOR	1978	4830	1586	270	187	151	164	179	240	403	1368	282
EL SALVADOR	1974	5003	1772	225	135	117	206	274	417	617	1214	26
GUATEMALA	1978	4672	1903	316	256	261	264	233	275	415	722	27
GUYANA	1977	346	28	8	15	13	8	15	24	51	172	12
HONDURAS	1978	2872	969	183	116	102	105	132	172	250	344	494
JAMAICA	1971	731	92	10	7	12	12	15	42	85	452	9
MARTINIQUE	1975	162	21	4	2	-	-	3	7	14	86	-
MEXICO	1976	21864	7600	1019	799	869	962	876	1117	2007	6347	268
NICARAGUA	1977	1601	582	63	56	56	57	75	119	177	398	18
PANAMA	1974	707	223	50	35	32	39	32	41	80	175	-
PARAGUAY (*)	1978	1285	333	42	24	36	42	86	83	121	502	16
PERU	1978	3599	1057	140	154	134	127	118	184	260	1073	352
PUERTO RICO	1977	233	15	2	8	6	4	4	17	31	146	-
ST. VINCENT	1979	58	2	1	1	1	1	1	3	6	43	-
SURINAME	1978	377	9	2	3	3	6	1	9	30	86	230
TRINIDAD AND TOBAGO	1977	168	2	3	7	2	2	2	4	25	121	-
UNITED STATES	1978	13326	2450	68	285	427	494	822	1310	2102	5350	18
URUGUAY	1978	794	121	4	12	16	15	43	86	141	346	10
VENEZUELA	1978	4936	1410	142	114	124	203	301	487	700	1445	10

(\*) AREA OF INFORMATION ONLY.



Table II-5a  
 NUMBER OF DEATHS FROM ALL ACCIDENTS AND VIOLENCE (E800-E999), BY AGE, SEX, AND COUNTRY

COUNTRY	YEAR	ALL AGES	AGE IN YEARS									
			UNDER 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75 AND OVER	UN-KNOWN
BOTH SEXES												
ARGENTINA	1978	17558	1489	1012	2684	2589	2252	2184	1874	1591	1435	448
BAHAMAS	1979	171	12	13	39	23	24	26	14	7	9	2
BARBADOS	1978	113	9	18	10	10	4	14	17	24	2	2
BELIZE	1979	140	2	2	2	2	2	2	2	2	2	2
CANADA	1978	16087	553	867	3902	2577	1760	1772	1617	1220	1785	34
CHILE	1979	8198	890	517	1433	1094	979	794	664	548	25	25
COLOMBIA	1977	17556	1325	1698	4167	3645	2488	1682	1094	726	533	198
COSTA RICA	1979	1125	80	101	257	195	163	108	71	60	81	9
CUBA	1977	6112	366	484	1151	983	752	586	522	516	746	1
DOMINICA	1978	119	1	6	1	1	1	1	1	1	1	3
DOMINICAN REPUBLIC	1978	1687	145	170	373	288	241	139	92	84	88	67
ECUADOR	1978	5312	560	602	1084	888	667	523	379	282	266	61
EL SALVADOR	1974	3538	117	275	900	771	559	343	216	149	115	93
GUATEMALA	1977	3680	203	261	897	823	537	376	269	159	110	45
HONDURAS	1978	1886	109	148	444	425	293	158	111	56	45	45
JAMAICA	1971	586	58	90	87	92	61	59	58	31	57	5
MARTINIQUE	1975	145	6	11	22	13	12	19	26	16	20	-
MEXICO	1976	53655	5850	4887	11153	9630	7569	5085	3365	2797	2336	983
NICARAGUA	1978	1646	74	112	434	382	229	150	102	48	44	71
PANAMA	1974	887	84	109	187	141	99	78	54	42	72	2
PARAGUAY (*)	1978	940	74	82	204	166	128	114	50	54	50	18
PERU	1978	4663	660	508	819	646	548	448	335	242	233	224
PUERTO RICO	1977	1910	65	115	416	308	275	187	181	129	141	13
ST. VINCENT	1977	37	3	3	4	3	3	2	2	1	1	19
SURINAME	1978	209	9	3	40	37	34	25	21	12	19	-
TRINIDAD AND TOBAGO	1977	659	41	53	152	111	67	70	77	54	34	-
UNITED STATES	1978	157450	5439	6828	38017	27862	17320	15956	15164	12914	17674	236
URUGUAY	1978	1619	97	84	229	186	177	226	191	174	236	19
VENEZUELA	1978	10377	965	892	2828	2084	1134	937	698	429	366	44
MALE												
ARGENTINA	1978	12977	885	665	2043	2083	1827	1748	1447	1131	787	361
BAHAMAS	1979	118	6	15	28	14	14	9	4	4	3	1
BARBADOS	1978	77	2	8	2	11	9	4	12	14	9	-
BELIZE	1979	8	1	1	2	1	1	1	1	1	1	21
CANADA	1978	11442	315	585	3154	2018	1305	1293	1116	784	847	21
CHILE	1979	6401	548	355	1161	1079	961	819	664	491	301	22
COLOMBIA	1977	13939	764	1133	3397	3183	2139	1415	889	538	314	167
COSTA RICA	1979	930	50	75	217	181	149	95	60	48	48	7
CUBA	1977	4077	224	322	693	710	553	441	356	352	421	5
DOMINICA	1978	14	1	1	1	1	1	1	1	1	1	5
DOMINICAN REPUBLIC	1978	1277	87	115	291	239	204	109	69	58	51	54
ECUADOR	1978	3592	321	393	816	755	562	422	289	215	171	48
EL SALVADOR	1974	2960	69	176	725	707	521	307	185	114	73	83
GUATEMALA	1977	3086	117	178	789	756	477	326	215	127	66	35
HONDURAS	1978	1574	61	95	376	392	262	182	94	44	32	36
JAMAICA	1971	454	33	63	72	84	49	56	49	26	20	4
MARTINIQUE	1975	99	3	7	15	10	9	13	20	12	10	-
MEXICO	1976	42738	3479	3381	9429	8495	6645	4318	2720	2088	1431	752
NICARAGUA	1977	1379	46	84	362	349	200	127	85	35	28	63
PANAMA	1974	693	51	71	153	125	85	62	65	32	49	15
PARAGUAY (*)	1978	722	48	51	164	143	110	85	40	37	25	15
PERU	1978	3382	374	324	608	525	439	370	262	169	149	162
PUERTO RICO	1977	1578	44	86	358	333	240	158	150	104	93	12
ST. VINCENT	1979	29	7	3	2	3	2	1	1	1	1	16
SURINAME	1978	163	7	4	29	31	30	25	18	7	11	-
TRINIDAD AND TOBAGO	1977	499	21	41	128	107	58	43	32	32	14	-
UNITED STATES	1978	112777	3157	4643	29881	22055	13034	11623	10779	8490	8954	191
URUGUAY	1978	1111	54	61	161	146	139	166	150	106	118	10
VENEZUELA	1978	8283	563	599	2425	1820	980	791	555	302	209	39
FEMALE												
ARGENTINA	1978	4581	604	347	641	506	425	436	427	460	648	87
BAHAMAS	1979	53	6	3	11	2	10	8	2	3	6	1
BARBADOS	1978	36	7	5	2	1	1	1	2	3	15	-
BELIZE	1979	2	-	-	-	-	-	-	-	-	-	1
CANADA	1978	4645	238	278	748	559	455	479	501	436	938	13
CHILE	1979	1797	342	162	272	175	133	160	130	173	247	3
COLOMBIA	1977	3617	561	565	770	462	349	267	205	188	219	31
COSTA RICA	1979	195	30	26	40	14	14	13	11	12	33	2
CUBA	1977	2035	142	162	458	273	199	145	166	164	325	1
DOMINICA	1978	5	5	3	-	-	-	-	-	1	1	-
DOMINICAN REPUBLIC	1978	410	58	55	82	49	37	30	23	26	37	13
ECUADOR	1978	1320	239	209	268	133	105	101	90	67	95	13
EL SALVADOR	1974	578	48	99	175	64	38	36	31	35	42	10
GUATEMALA	1977	573	86	81	100	64	60	49	53	32	42	6
HONDURAS	1978	312	48	53	68	33	31	16	17	12	25	9
JAMAICA	1971	132	25	27	15	7	12	5	9	5	25	1
MARTINIQUE	1975	46	3	4	7	3	3	6	6	4	10	-
MEXICO	1976	10588	2346	1492	1669	1077	874	742	627	701	897	163
NICARAGUA	1977	267	28	28	72	33	29	23	17	13	16	8
PANAMA	1974	194	33	38	34	16	13	13	10	23	23	-
PARAGUAY (*)	1978	218	26	40	23	18	25	10	17	25	3	3
PERU	1978	1281	286	184	211	121	109	78	73	73	84	62
PUERTO RICO	1977	332	21	29	58	55	35	29	31	25	48	1
ST. VINCENT	1979	8	-	-	1	-	-	1	1	1	1	3
SURINAME	1978	46	2	4	11	6	4	4	3	4	8	-
TRINIDAD AND TOBAGO	1977	160	20	12	24	28	9	15	10	22	20	-
UNITED STATES	1978	44873	2282	2185	8126	5837	4286	4373	4385	4424	8720	45
URUGUAY	1978	505	23	23	40	40	38	60	48	28	118	7
VENEZUELA	1978	2094	402	293	403	264	154	146	143	127	157	5

(\*) AREA OF INFORMATION ONLY.

Table II-5b  
CRUDE, AGE-ADJUSTED, AND AGE-SPECIFIC DEATH RATES PER 100,000 POPULATION FROM  
ALL ACCIDENTS AND VIOLENCE (E800-E999), BY SEX AND COUNTRY

COUNTRY	YEAR	CRUDE RATE	AGE-ADJUSTED RATE	AGE IN YEARS									
				UNDER 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75 AND OVER	
BOTH SEXES													
ARGENTINA	1978	66.5	55.6	54.0	29.8	59.4	69.1	69.4	72.4	83.5	110.6	216.4	
BAHAMAS	1979	76.3	78.6	34.7	29.0	107.7	68.9	107.1	162.5	104.8	134.6	360.0	
BARBADOS	1978	42.6	35.0	38.0	21.7	17.9	36.2	44.7	16.9	67.8	92.3	310.9	
BELIZE	1979	6.3	5.5	-	4.0	7.7	12.5	7.0	10.0	-	25.0	224.5	
CANADA	1978	68.5	56.1	31.6	22.0	84.2	67.1	65.4	71.5	79.9	91.0	224.5	
CHILE	1979	75.1	69.4	72.9	22.1	62.8	75.3	88.8	106.5	126.3	167.0	283.6	
COLOMBIA	1977	36.4	32.0	35.3	25.3	80.6	117.9	107.9	106.2	112.0	139.7	222.5	
COSTA RICA	1979	51.8	51.0	28.4	18.5	51.0	60.9	80.8	74.3	75.4	112.7	329.7	
CUBA	1977	63.7	58.3	33.0	20.1	72.4	70.9	72.9	74.1	82.6	118.6	389.6	
DOMINICAN REPUBLIC	1978	23.4	18.9	7.4	23.6	7.4	15.2	33.3	17.2	43.5	33.3	170.5	
ECUADOR	1978	32.9	34.0	16.3	10.9	37.6	49.5	49.5	47.4	52.9	84.2	169.9	
EL SALVADOR	1974	67.2	70.1	41.3	27.9	71.2	88.0	95.9	107.1	116.8	165.0	320.9	
GUATEMALA	1977	91.0	94.0	16.6	25.6	120.3	160.4	161.1	136.1	136.2	163.5	295.7	
HONDURAS	1977	55.5	58.3	17.4	14.4	68.3	95.5	88.5	87.4	110.7	120.5	211.5	
HONDURAS	1978	54.8	58.8	15.6	15.1	67.4	101.2	100.7	97.1	83.5	82.4	212.5	
JAMAICA	1971	30.8	31.0	19.3	16.5	24.0	42.7	42.7	45.2	50.4	50.4	170.5	
MARTINIQUE	1975	45.3	42.7	19.3	12.5	28.3	39.4	37.5	76.0	130.0	133.3	333.3	
MEXICO	1976	86.1	89.8	52.7	28.0	91.9	120.6	139.1	139.4	156.8	200.5	323.7	
NICARAGUA	1977	71.2	75.0	18.1	15.7	98.1	143.4	108.8	114.1	127.3	110.3	166.5	
PANAMA	1974	56.1	56.4	32.7	25.3	62.5	69.2	66.6	67.9	107.3	111.9	343.0	
PARAGUAY (*)	1978	56.9	58.8	28.8	17.6	65.2	87.8	89.5	102.7	67.6	131.7	122.3	
PERU	1978	27.7	27.5	17.7	11.0	24.5	28.7	35.2	40.3	47.3	61.0	128.3	
PUERTO RICO	1977	32.6	16.5	-	9.1	16.0	25.2	21.3	26.0	19.2	34.5	157.9	
SURINAME	1978	55.9	59.6	15.2	7.2	63.8	78.7	96.4	127.4	124.9	113.9	404.3	
TRINIDAD AND TOBAGO	1977	58.9	55.8	32.3	16.1	61.1	68.6	62.8	80.3	116.5	156.8	303.4	
UNITED STATES	1978	70.9	58.1	34.6	18.9	90.5	81.0	69.5	67.8	72.1	84.9	190.3	
URUGUAY	1978	56.5	43.9	35.4	15.9	50.3	49.7	48.1	67.8	71.3	97.0	233.0	
VENEZUELA	1978	79.1	79.7	45.1	25.9	101.1	116.0	99.0	107.9	130.0	149.0	310.2	
MALE													
ARGENTINA	1978	98.4	81.7	63.0	26.9	89.0	110.0	112.1	116.2	133.4	167.6	278.1	
BAHAMAS	1979	106.3	111.0	28.5	47.9	159.1	124.3	125.0	230.8	180.0	181.8	333.2	
BARBADOS	1978	60.8	50.3	16.9	26.2	29.3	72.4	87.0	39.9	115.8	167.7	351.6	
BELIZE	1979	10.1	9.9	-	8.0	15.4	2.0	-	20.0	-	-	-	
CANADA	1978	98.0	81.6	35.1	29.2	134.3	104.7	96.0	104.6	115.3	127.5	273.2	
CHILE	1979	118.4	110.0	88.2	29.7	100.9	129.8	158.1	183.6	225.2	280.7	410.5	
COLOMBIA	1977	113.1	119.7	38.6	30.9	136.4	215.7	193.5	182.8	184.7	214.2	294.0	
COSTA RICA	1979	85.0	84.1	34.7	27.0	85.1	112.6	147.0	130.7	130.3	187.6	428.3	
CUBA	1977	83.2	76.2	39.5	26.1	85.7	102.1	106.2	149.3	161.3	146.8	436.9	
DOMINICAN REPUBLIC	1978	36.4	39.0	17.2	23.3	15.6	34.5	76.9	38.5	95.2	112.8	183.5	
ECUADOR	1978	49.9	51.9	19.5	14.6	61.8	85.0	82.2	70.1	72.9	112.8	183.5	
EL SALVADOR	1974	100.3	106.6	46.4	35.9	106.2	148.8	161.6	173.9	180.9	262.5	469.8	
GUATEMALA	1977	151.2	158.6	19.3	32.3	150.6	290.5	298.4	245.1	242.1	275.1	432.5	
HONDURAS	1977	91.8	96.3	19.7	19.3	117.8	173.0	156.6	150.9	171.7	171.4	248.2	
HONDURAS	1978	91.2	99.0	17.2	19.3	113.3	185.8	179.5	178.4	142.4	133.3	266.7	
JAMAICA	1971	48.6	51.3	21.6	22.5	38.8	83.0	79.5	90.0	87.3	90.9	202.0	
MARTINIQUE	1975	63.9	61.6	12.1	16.3	53.6	66.7	60.0	108.3	222.2	240.0	500.0	
MEXICO	1976	135.8	144.6	61.5	38.0	152.7	210.7	244.2	239.9	261.6	313.8	433.3	
NICARAGUA	1977	121.6	132.0	22.2	25.2	171.5	277.3	197.6	199.8	222.0	171.4	248.2	
PANAMA	1974	86.5	87.5	39.4	32.6	103.1	122.3	111.6	106.2	164.5	168.4	286.7	
PARAGUAY (*)	1978	87.6	93.4	36.4	21.3	104.5	155.4	157.1	164.8	111.1	194.7	250.0	
PERU	1978	40.1	39.9	28.8	14.2	36.2	46.5	56.5	66.9	75.1	88.3	180.4	
PUERTO RICO	1977	97.0	88.7	23.2	22.1	108.8	159.3	151.9	117.9	138.9	150.7	232.5	
ST. VINCENT	1979	54.4	28.9	-	18.0	22.5	137.7	50.2	29.4	-	-	160.7	
SURINAME	1978	87.3	95.2	23.0	18.0	94.2	137.2	170.2	214.5	221.4	151.8	533.4	
TRINIDAD AND TOBAGO	1977	87.7	83.6	32.4	28.9	99.3	98.5	111.4	123.3	204.7	184.4	392.0	
UNITED STATES	1978	104.4	86.6	39.2	25.2	141.4	129.4	108.0	101.6	108.3	128.5	267.3	
URUGUAY	1978	79.2	63.2	39.2	23.6	72.1	79.3	77.0	96.6	115.9	126.5	301.8	
VENEZUELA	1978	126.1	128.3	51.3	34.3	173.1	208.5	172.8	178.2	206.3	220.4	418.0	
FEMALE													
ARGENTINA	1978	34.7	29.6	44.6	14.5	28.8	27.3	26.3	28.8	36.9	60.2	170.5	
BAHAMAS	1979	46.9	47.1	40.9	9.8	59.1	12.1	89.3	97.6	36.4	100.0	375.0	
BARBADOS	1978	26.0	22.2	59.1	17.1	7.0	5.6	8.2	-	19.5	29.8	290.7	
BELIZE	1979	2.5	1.1	-	-	-	-	-	-	-	50.0	-	
CANADA	1978	39.3	30.8	27.9	14.0	24.1	32.7	29.2	34.2	38.5	47.4	193.4	
CHILE	1979	32.6	30.8	57.1	14.0	24.1	21.0	21.3	33.8	38.9	60.1	206.0	
COLOMBIA	1977	28.4	28.9	29.3	15.6	28.7	28.6	29.1	33.0	41.4	70.0	164.9	
COSTA RICA	1979	18.1	17.8	21.7	9.7	16.1	8.8	14.0	17.9	22.9	43.4	248.0	
CUBA	1977	43.3	39.7	26.2	13.8	58.7	39.5	38.9	37.1	54.8	83.9	341.7	
DOMINICAN REPUBLIC	1978	11.7	8.5	-	24.0	-	-	-	-	-	55.6	83.3	
ECUADOR	1978	16.0	16.3	13.2	7.1	15.7	16.3	15.5	21.8	29.0	53.7	119.7	
EL SALVADOR	1974	33.7	34.0	35.9	19.7	35.6	26.5	30.2	41.1	54.6	75.3	204.3	
GUATEMALA	1977	30.0	29.6	13.9	18.7	47.5	27.0	22.0	28.4	37.7	70.5	190.8	
HONDURAS	1977	17.5	18.4	15.0	9.1	15.5	15.1	20.0	22.9	43.4	47.8	155.6	
HONDURAS	1978	18.2	18.5	13.9	10.9	20.8	15.8	21.4	15.7	25.4	34.3	178.6	
JAMAICA	1971	13.7	12.7	16.9	10.1	8.5	7.0	14.7	7.1	15.3	15.0	151.5	
MARTINIQUE	1975	21.9	23.0	12.2	10.3	24.1	16.7	17.6	46.2	54.5	57.1	250.0	
MEXICO	1976	34.3	34.2	43.0	17.4	28.0	27.3	32.1	40.1	56.7	96.1	229.2	
NICARAGUA	1977	22.7	22.9	13.9	7.9	31.1	23.5	26.6	33.9	40.6	56.3	105.7	
PANAMA	1974	24.9	24.5	26.3	17.9	22.5	15.8	19.3	24.9	38.4	54.0	210.5	
PARAGUAY (*)	1978	26.3	25.5	20.8	13.6	25.6	23.7	24.7	43.9	26.3	77.3	156.3	
PERU	1978	15.3	14.9	8.2	8.2	7.7	17.0	12.8	14.0	20.3	35.6	84.8	
PUERTO RICO	1977	19.6	17.0	11.5	7.7	17.0	22.9	19.6	20.3	28.7	34.7	104.3	
ST. VINCENT	1979	13.3	6.9	-	-	10.1	-	-	-	-	52.6	153.8	
SURINAME	1978	24.6	24.7	6.9	7.3	34.5	24.7	22.7	35.7	34.5	75.9	304.2	
TRINIDAD AND TOBAGO	1977	29.1	27.7	32.3	8.7	20.0	36.1	16.5	35.3	30.0	128.8	241.9	
UNITED STATES	1978	39.2	35.4	27.7	12.4	39.0	33.6	23.7	35.9	39.6	31.9	149.9	
URUGUAY	1978	34.6	35.4	31.6	9.2	29.1	21.0	20.3	34.0	29.9	71.1	189.7	
VENEZUELA	1978	32.0	32.1	38.6	17.2	28.9	28.6	26.6	34.4	53.4	84.1	230.9	

(\*) AREA OF INFORMATION ONLY.



Table II-5a  
NUMBER OF DEATHS FROM ALL ACCIDENTS (E800-E949, E980-E989), BY AGE, SEX, AND COUNTRY

C O U N T R Y	Y E A P	A L L A G E S	A G E I N Y E A R S									U N - K N O W N
			U N D E R 5	5 - 1 4	1 5 - 2 4	2 5 - 3 4	3 5 - 4 4	4 5 - 5 4	5 5 - 6 4	6 5 - 7 4	7 5 A N D O V E R	
B O T H S E X E S												
ARGENTINA	1973	13898	1424	946	1980	1850	1707	1713	1457	1262	1241	318
BAHAMAS	1979	134	12	17	28	16	20	15	9	6	9	2
BAKBADUS	1978	93	8	12	8	1	5	2	10	17	23	2
BELIZE	1979	9	2	2	1	1	1	1	1	1	1	1
CANADA	1978	12023	518	813	2972	1650	1123	1175	1146	950	1647	26
CHILE	1977	7280	875	499	1208	1046	926	866	718	605	514	23
COLUMBIA	1977	11400	1260	1585	2349	1788	1359	1065	791	601	487	115
COSTA RICA	1979	967	80	96	213	162	126	92	64	51	76	7
CUBA	1977	4047	338	453	624	617	459	365	266	319	602	4
DOMINICA	1978	16	1	6	1	2	1	1	1	1	1	1
DOMINICAN REPUBLIC	1973	1345	138	165	279	209	185	103	74	66	77	49
ECUADOR	1978	4614	553	588	838	710	554	462	347	263	251	48
EL SALVADOR	1974	1835	113	261	391	297	231	160	119	106	98	59
GUATEMALA	1977	2311	70	143	553	558	352	254	172	108	74	27
HONDURAS	1978	584	12	24	148	148	117	63	35	12	11	13
JAMAICA	1971	549	57	60	75	84	55	55	35	29	44	5
MARTINIQUE	1975	115	6	11	17	9	8	12	21	13	18	-
MEXICO	1976	42307	5469	4614	8484	6756	5189	3805	2647	2366	2124	853
NICARAGUA	1977	932	72	104	240	170	109	80	57	34	30	36
PANAMA	1974	793	93	108	166	122	73	65	71	41	64	13
PARAGUAY (*)	1978	672	74	75	142	95	74	77	39	41	42	13
PERU	1978	4190	635	499	692	550	474	358	300	219	223	200
PUERTO RICO	1977	1109	61	103	239	178	127	94	109	84	105	9
ST. VINCENT	1979	34	9	8	23	2	27	2	18	1	3	19
SURINAME	1978	160	3	3	10	2	42	48	18	47	30	-
TRINIDAD AND TOBAGO	1977	489	40	48	100	75	42	48	64	47	30	-
UNITED STATES	1978	109705	4965	6221	27459	16487	10060	9707	10022	9356	15279	149
URUGUAY	1978	1262	96	84	175	143	124	150	137	133	203	17
VENEZUELA	1973	8573	954	864	2176	1586	906	761	570	384	333	39
M A L E												
ARGENTINA	1973	10198	850	633	1577	1494	1391	1375	1118	873	631	256
BAHAMAS	1979	91	5	14	20	14	12	11	8	3	3	1
BAKBADUS	1978	63	2	8	6	8	5	2	9	14	9	-
BELIZE	1979	7	-	2	2	1	-	1	-	-	-	-
CANADA	1978	8424	296	552	2402	1296	856	863	800	601	743	15
CHILE	1977	5649	541	346	981	909	616	724	596	442	274	20
COLUMBIA	1977	8440	725	1060	1834	1480	1087	847	609	428	279	93
COSTA RICA	1979	797	50	72	183	152	117	82	53	39	44	5
CUBA	1977	2881	209	314	481	515	370	290	178	210	311	3
DOMINICA	1978	11	1	3	1	1	2	1	1	1	1	1
DOMINICAN REPUBLIC	1973	1077	83	114	225	175	154	78	54	42	41	41
ECUADOR	1978	3458	316	381	672	603	465	368	261	200	156	36
EL SALVADOR	1974	1414	68	166	312	252	202	134	95	75	59	51
GUATEMALA	1977	1992	39	97	487	516	322	227	143	91	47	23
HONDURAS	1978	499	8	14	117	134	110	58	32	10	6	10
JAMAICA	1971	422	32	63	62	76	45	50	46	24	20	4
MARTINIQUE	1975	78	3	7	14	8	6	7	16	9	8	-
MEXICO	1976	32584	3190	3191	7078	5820	4457	3138	2087	1721	1260	644
NICARAGUA	1977	755	44	81	198	155	93	66	45	26	17	30
PANAMA	1974	609	51	70	135	106	63	54	58	31	41	-
PARAGUAY (*)	1978	500	48	47	117	81	62	58	31	27	19	10
PERU	1978	3037	361	318	532	449	378	329	232	152	141	145
PUERTO RICO	1977	886	42	49	203	151	110	78	86	64	62	9
ST. VINCENT	1979	27	3	3	2	2	2	-	1	1	1	16
SURINAME	1978	130	7	4	25	21	25	17	15	7	9	-
TRINIDAD AND TOBAGO	1977	371	21	37	89	53	38	40	55	27	11	-
UNITED STATES	1978	76734	2903	4273	21511	13113	7704	7124	6983	5836	7172	12
URUGUAY	1978	836	53	61	123	114	97	102	102	77	91	9
VENEZUELA	1978	6717	558	585	1856	1377	781	638	443	265	180	34
F E M A L E												
ARGENTINA	1973	3700	574	313	403	356	316	338	339	389	610	62
BAHAMAS	1979	43	7	4	2	1	8	4	1	3	6	1
BAKBADUS	1978	32	1	4	2	1	-	-	1	3	14	-
BELIZE	1979	2	-	-	-	-	-	-	-	-	-	-
CANADA	1978	3599	222	258	570	354	267	312	346	355	904	11
CHILE	1977	1631	334	153	227	137	110	142	122	163	240	3
COLUMBIA	1977	2960	535	525	515	308	272	218	184	173	208	22
COSTA RICA	1979	170	30	24	30	10	9	10	11	12	32	2
CUBA	1977	1166	129	139	143	102	89	75	88	109	291	1
DOMINICA	1978	5	-	3	-	-	-	-	-	1	1	-
DOMINICAN REPUBLIC	1978	338	55	51	54	34	31	25	20	24	36	8
ECUADOR	1978	1156	237	207	166	107	89	94	86	63	95	12
EL SALVADOR	1974	421	45	95	79	45	29	26	24	31	39	8
GUATEMALA	1977	308	31	45	61	41	30	26	29	17	26	3
HONDURAS	1978	85	4	10	31	14	7	5	4	2	5	3
JAMAICA	1971	127	25	27	13	8	2	5	9	5	24	1
MARTINIQUE	1975	37	3	4	3	1	1	5	5	5	10	-
MEXICO	1976	9507	2265	1415	1371	891	705	654	550	641	858	153
NICARAGUA	1977	177	28	23	42	15	16	11	12	8	13	-
PANAMA	1974	184	32	38	31	16	10	14	13	10	23	-
PARAGUAY (*)	1978	172	26	28	25	14	12	19	8	14	23	3
PERU	1978	1153	274	181	160	101	96	69	68	67	82	55
PUERTO RICO	1977	223	19	24	36	27	17	16	21	20	43	-
ST. VINCENT	1979	7	-	-	-	-	-	-	-	-	-	-
SURINAME	1978	30	2	4	4	3	2	3	3	4	5	-
TRINIDAD AND TOBAGO	1977	123	19	11	11	22	4	8	9	20	19	-
UNITED STATES	1978	32971	2062	1948	5948	3374	2356	2583	3039	3530	8107	24
URUGUAY	1978	433	23	23	51	29	27	27	27	56	117	6
VENEZUELA	1978	1856	396	279	320	209	125	123	127	119	153	5

(\*) AREA OF INFORMATION ONLY.

Table II-5b  
 CRUDE, AGE-ADJUSTED, AND AGE-SPECIFIC DEATH RATES PER 100,000 POPULATION FROM  
 ALL ACCIDENTS (E800-E949, E980-E989), BY SEX AND COUNTRY

C O U N T R Y	YEAR	CRUDE RATE	AGE- ADJUSTED RATE	AGE IN YEARS										
				UNDER 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75 AND OVER		
BOTH SEXES														
ARGENTINA	1978	52.7	44.7	51.6	19.5	43.8	49.4	52.6	56.8	65.0	87.7	187.2		
BAHAMAS	1979	59.8	61.4	34.7	27.4	77.3	47.9	89.3	93.8	85.7	115.4	360.0		
BARBADOS	1978	35.8	28.6	38.0	20.1	14.3	27.2	22.3	8.4	48.4	92.3	297.9		
BELIZE	1979	5.7	4.6	-	-	4.0	6.3	-	-	-	10.0	-		
CANADA	1978	51.2	42.4	29.6	20.6	64.1	43.0	41.7	47.4	56.6	71.3	207.2		
CHILE	1979	66.7	62.1	71.7	21.2	53.0	62.8	75.2	94.2	114.2	152.2	266.1		
COLOMBIA	1977	45.5	47.1	32.4	21.8	45.4	57.8	58.9	67.2	81.0	115.7	203.3		
COSTA RICA	1979	44.6	44.0	28.4	17.6	42.3	50.6	62.5	63.3	68.0	95.8	309.4		
CUBA	1977	42.2	38.5	30.4	18.8	39.3	44.5	44.5	46.2	42.1	73.3	314.4		
DOMINICA	1978	16.7	15.7	7.4	13.9	7.4	-	-	-	27.1	33.3	95.6		
DOMINICAN REPUBLIC	1978	20.2	26.9	15.7	10.5	28.1	35.9	38.0	35.1	42.6	66.1	131.2		
ECUADOR	1978	58.4	60.9	40.7	27.2	55.1	70.4	79.6	94.6	106.9	153.9	302.8		
EL SALVADOR	1974	47.2	47.8	16.1	24.3	52.2	61.8	66.6	63.5	75.0	116.3	252.0		
GUATEMALA	1977	34.9	37.0	6.0	7.9	42.1	64.7	58.0	56.0	70.8	81.8	142.3		
HONDURAS	1978	17.0	18.6	1.7	2.5	22.5	35.2	44.2	30.9	27.1	17.6	42.3		
JAMAICA	1971	28.9	28.9	18.9	16.5	20.7	39.0	38.5	42.1	47.8	46.8	166.7		
MARTINIQUE	1975	35.9	31.7	12.2	12.8	29.8	27.3	25.0	48.0	105.0	108.3	300.0		
MEXICO	1976	67.9	70.0	49.2	26.4	69.9	84.6	95.4	104.3	123.3	166.6	294.3		
NICARAGUA	1977	40.3	41.7	17.6	14.6	54.2	63.8	51.8	60.9	71.1	78.1	113.6		
PANAMA	1974	50.2	50.2	32.3	25.1	55.5	59.9	49.1	58.9	97.7	109.2	304.9		
PARAGUAY (*)	1978	40.7	41.4	28.8	16.1	45.4	50.3	51.7	69.4	52.7	100.0	161.5		
PERU	1978	24.9	24.6	24.8	11.1	20.7	24.4	30.5	35.8	42.3	55.2	122.8		
PUERTO RICO	1977	33.4	29.7	16.4	13.4	35.7	39.6	37.7	33.9	50.5	59.6	122.1		
ST. VINCENT	1979	30.0	13.4	-	9.1	16.0	16.8	21.3	19.2	34.5	34.5	157.9		
SURINAME	1978	42.8	42.2	15.2	17.2	46.3	40.2	46.3	87.9	116.3	162.5	319.1		
TRINIDAD AND TOBAGO	1977	44.2	42.2	31.5	17.2	40.2	46.3	39.4	55.1	96.9	136.5	267.7		
UNITED STATES	1978	49.4	41.0	31.6	17.2	65.4	47.9	40.6	41.1	47.6	61.5	164.5		
URUGUAY	1978	44.1	35.1	35.0	16.5	38.6	38.2	33.7	43.0	51.4	74.1	200.4		
VENEZUELA	1978	65.3	65.9	44.6	25.1	77.8	88.3	79.1	87.7	106.1	133.3	282.2		
MALE														
ARGENTINA	1978	77.3	65.4	60.5	25.6	68.7	78.9	85.3	91.4	103.0	129.3	223.0		
BAHAMAS	1979	82.0	85.6	28.5	44.7	113.6	82.8	107.1	141.0	160.0	156.4	533.3		
BARBADOS	1978	49.8	39.4	16.9	26.2	22.0	52.6	48.8	19.9	86.9	167.7	351.6		
BELIZE	1979	8.9	8.1	-	-	8.0	15.4	12.5	-	-	-	-		
CANADA	1978	72.1	61.1	33.0	27.4	102.3	67.3	62.9	69.8	82.6	97.7	239.7		
CHILE	1979	104.5	97.7	87.1	29.0	85.2	109.9	134.3	162.3	202.1	252.6	373.7		
COLOMBIA	1977	68.5	71.9	36.7	28.9	73.7	100.3	98.3	109.4	126.1	170.4	261.2		
COSTA RICA	1979	72.8	72.4	34.7	26.0	71.8	94.6	115.5	112.8	115.1	152.4	390.8		
CUBA	1977	58.8	55.2	36.8	25.5	59.5	74.1	71.0	72.4	54.2	87.6	322.8		
DOMINICA	1978	28.6	24.1	14.7	23.3	15.6	47.8	76.9	38.5	47.6	81.7	167.5		
DOMINICAN REPUBLIC	1978	39.4	41.6	16.9	14.8	47.8	62.3	62.0	50.2	57.0	-	-		
ECUADOR	1978	86.9	92.3	45.9	34.8	87.5	118.8	133.7	151.7	163.4	244.2	428.6		
EL SALVADOR	1974	72.2	74.3	19.0	30.4	82.0	103.5	115.7	107.0	124.3	181.0	349.5		
GUATEMALA	1977	59.3	63.1	6.6	10.5	72.8	118.1	104.9	105.1	118.2	140.0	188.0		
HONDURAS	1978	28.9	32.0	2.3	2.9	35.2	63.5	75.3	56.9	48.5	30.3	50.0		
JAMAICA	1971	45.1	47.6	20.9	22.5	35.4	75.1	70.1	83.3	82.0	85.9	202.0		
MARTINIQUE	1975	50.3	48.7	12.1	14.3	30.0	53.3	48.0	53.3	177.8	180.0	400.0		
MEXICO	1976	103.6	109.1	56.4	35.9	144.6	144.4	163.8	174.4	200.7	258.6	381.5		
NICARAGUA	1977	66.6	70.8	21.2	22.4	93.8	123.2	91.9	103.9	117.5	127.3	150.7		
PANAMA	1974	76.1	76.6	39.4	32.1	90.9	103.7	82.7	92.5	149.5	163.1	407.3		
PARAGUAY (*)	1978	60.7	63.7	36.4	19.7	74.8	88.0	88.6	107.4	86.1	94.2	190.0		
PERU	1978	36.0	35.9	27.8	14.0	31.7	39.8	48.7	59.5	66.5	79.4	170.7		
PUERTO RICO	1977	54.5	49.4	22.1	20.3	61.7	72.2	69.6	58.2	81.5	92.8	155.0		
ST. VINCENT	1979	50.7	23.6	-	18.0	22.5	38.5	50.0	-	50.0	-	166.7		
SURINAME	1978	69.6	75.6	23.0	7.1	81.2	92.3	141.8	147.2	184.5	132.8	434.8		
TRINIDAD AND TOBAGO	1977	65.2	62.5	32.4	26.0	69.1	62.9	73.0	89.7	168.1	155.6	308.0		
UNITED STATES	1978	71.0	60.2	36.1	23.2	101.8	77.0	63.8	62.3	70.1	88.2	214.1		
URUGUAY	1978	59.6	49.3	38.4	23.6	55.1	61.9	53.7	63.4	78.8	91.9	232.7		
VENEZUELA	1978	102.2	104.1	50.9	33.5	132.5	157.7	137.7	143.7	164.7	193.4	360.0		
FEMALE														
ARGENTINA	1978	28.0	23.6	46.4	13.1	18.1	19.2	19.6	22.3	29.3	50.9	160.5		
BAHAMAS	1979	23.1	23.8	40.1	13.6	18.0	12.1	11.4	48.8	18.3	100.9	490.9		
BARBADOS	1978	23.1	19.8	59.1	13.6	7.0	5.6	-	-	9.7	29.8	271.3		
BELIZE	1979	2.5	1.1	-	-	-	-	-	-	-	-	-		
CANADA	1978	30.5	23.5	26.0	13.4	24.9	18.5	20.1	25.1	32.8	49.0	186.4		
CHILE	1979	29.6	28.0	55.7	13.2	20.1	16.4	17.6	30.0	36.5	73.2	200.2		
COLOMBIA	1977	23.3	23.7	27.9	14.5	19.2	19.0	22.6	26.9	37.1	64.5	156.6		
COSTA RICA	1979	15.8	15.7	21.7	9.0	12.1	6.3	9.0	13.8	22.9	43.4	240.5		
CUBA	1977	24.8	22.0	23.8	11.8	18.3	14.8	17.4	19.2	29.0	55.8	305.9		
DOMINICA	1978	11.7	8.5	-	24.0	-	-	-	-	-	55.6	83.3		
DOMINICAN REPUBLIC	1978	13.2	13.6	12.6	6.6	10.4	11.3	13.0	18.1	25.3	49.6	116.5		
ECUADOR	1978	29.5	29.7	35.6	19.5	27.0	21.3	25.6	38.3	52.2	70.8	204.3		
EL SALVADOR	1974	21.8	21.4	13.0	17.9	21.5	19.0	16.8	20.5	29.2	47.7	177.3		
GUATEMALA	1977	9.4	10.0	5.4	5.1	9.5	9.6	10.0	12.1	23.8	25.4	96.3		
HONDURAS	1978	5.0	5.1	1.2	2.0	9.5	6.7	4.8	4.9	6.0	5.7	35.7		
JAMAICA	1971	13.2	12.2	16.9	10.1	7.3	7.0	12.3	7.1	15.3	15.0	145.5		
MARTINIQUE	1975	22.4	17.3	12.2	9.3	16.3	5.6	11.8	38.5	47.5	57.1	250.5		
MEXICO	1976	30.8	30.5	41.5	16.5	23.0	22.7	25.9	35.4	49.7	87.9	219.2		
NICARAGUA	1977	15.0	14.9	13.9	6.5	18.2	10.7	14.7	20.6	28.7	34.6	85.9		
PANAMA	1974	23.6	23.2	25.5	17.9	20.5	15.8	13.8	21.1	38.4	54.0	210.5		
PARAGUAY (*)	1978	20.8	19.8	20.8	12.3	16.0	14.4	16.4	33.3	21.1	63.6	143.8		
PERU	1978	13.7	13.5	21.6	8.1	9.7	9.0	12.3	12.4	18.9	32.7	82.8		
PUERTO RICO	1977	13.2	11.3	10.4	6.3	10.6	11.3	9.5	11.2	19.4	27.8	93.5		
ST. VINCENT	1979	11.6	4.9	-	-	10.1	-	-	-	-	52.6	153.8		
SURINAME	1978	16.0	15.8	6.9	7.3	12.5	12.4	11.3	26.8	34.5	75.9	190.1		
TRINIDAD AND TOBAGO	1977	22.4	21.5	30.7	8.0	9.2	28.3	18.8	27.0	117.0	248.8	-		
UNITED STATES	1978	28.9	22.3	26.9	11.0	28.5	19.4	18.5	21.2	27.4	41.0	136.6		
URUGUAY	1978	27.5	21.3	31.6	9.2	25.1	25.3	18.4	25.5	38.5	58.8	140.2		
VENEZUELA	1978	28.3	28.5	38.0	16.4	22.9	22.6	21.6	29.0	47.4	78.8	225.0		

(\*) AREA OF INFORMATION ONLY.

Table II-5a  
 NUMBER OF DEATHS FROM MOTOR VEHICLE ACCIDENTS (E810-E823), BY AGE, SEX, AND COUNTRY

COUNTRY	YEAR	ALL AGES	AGE IN YEARS									UN- KNOWN
			UNDER 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75 AND OVER	
BOTH SEXES												
ARGENTINA	1978	3853	166	306	571	576	539	568	468	360	218	81
BAHAMAS	1979	45	3	6	13	6	7	4	2	7	2	1
BARBADOS	1978	33	1	3	4	5	1	1	4	-	-	-
BELIZE	1979	-	-	-	-	-	-	-	-	-	-	-
CANADA	1978	5170	161	407	1953	842	446	383	409	327	231	11
CHILE	1979	1266	54	140	217	221	181	170	131	99	49	4
COLOMBIA	1977	3676	184	595	700	612	530	418	289	208	111	29
COSTA RICA	1979	434	25	43	100	83	52	51	30	22	26	2
CUBA	1977	1484	42	141	243	336	229	168	114	106	104	2
DOMINICAN REPUBLIC	1978	9	-	3	1	-	-	-	1	1	1	2
ECUADOR	1978	398	23	54	80	60	59	34	27	23	20	18
EL SALVADOR	1978	1817	133	257	350	307	238	189	130	119	81	13
GUATEMALA	1974	568	19	98	105	108	77	53	41	29	16	22
HONDURAS	1977	347	5	32	84	41	44	37	24	16	8	6
JAMAICA	1978	16	-	2	6	2	2	1	1	1	2	-
MARTINIQUE	1971	153	5	28	19	29	19	21	18	6	6	2
MEXICO	1975	34	-	2	6	5	5	4	11	1	-	-
NICARAGUA	1976	11417	913	1467	2387	2098	1463	1062	796	652	431	148
PANAMA	1977	1048	36	40	101	64	36	36	26	15	12	24
PARAGUAY (*)	1974	250	12	23	57	51	33	17	28	14	15	-
PERU	1978	188	9	16	33	36	23	33	16	14	4	4
PUERTO RICO	1978	889	76	91	145	146	105	125	76	46	31	48
ST. VINCENT	1977	547	18	43	140	90	60	50	55	40	49	2
SURINAME	1979	7	-	1	14	15	15	14	10	3	4	-
TRINIDAD AND TOBAGO	1977	238	5	28	53	38	23	24	36	20	11	-
UNITED STATES	1978	52411	1551	3130	19164	9648	4926	4166	3882	3217	2688	39
URUGUAY	1978	207	4	24	45	28	28	29	19	20	12	-
VENEZUELA	1978	4822	236	463	1374	1023	583	475	343	208	97	20
MALE												
ARGENTINA	1978	2928	108	198	432	473	430	463	357	255	145	67
BAHAMAS	1979	30	-	6	9	5	4	3	2	-	-	1
BARBADOS	1978	29	1	5	4	4	1	1	4	7	2	-
BELIZE	1979	-	-	-	-	-	-	-	-	-	-	-
CANADA	1978	3730	87	270	1542	638	327	262	266	190	143	5
CHILE	1979	1048	36	102	179	196	162	144	112	77	37	3
COLOMBIA	1977	2709	108	397	497	406	306	215	147	78	21	1
COSTA RICA	1979	367	17	30	83	78	48	47	25	16	23	-
CUBA	1977	1164	26	99	181	294	189	130	80	83	81	1
DOMINICAN REPUBLIC	1978	4	-	-	-	-	-	-	-	-	-	-
ECUADOR	1978	305	13	34	62	53	53	26	19	14	16	16
EL SALVADOR	1978	1383	32	171	282	261	200	145	98	83	54	17
GUATEMALA	1974	445	11	61	88	88	69	44	32	22	10	20
HONDURAS	1977	296	4	23	75	82	40	32	19	11	5	5
JAMAICA	1978	12	1	1	5	2	2	1	1	5	5	1
MARTINIQUE	1975	26	-	2	4	4	3	3	9	-	-	-
MEXICO	1976	8935	583	999	1971	1782	1250	854	615	464	293	124
NICARAGUA	1977	313	15	27	82	57	42	28	20	11	10	21
PANAMA	1974	206	7	14	49	47	29	14	22	11	13	-
PARAGUAY (*)	1978	136	4	11	22	29	19	25	9	10	4	3
PERU	1978	476	45	62	111	124	80	100	60	34	22	38
PUERTO RICO	1977	431	12	30	118	73	51	43	43	30	29	2
ST. VINCENT	1979	2	-	1	-	-	-	-	1	-	-	-
SURINAME	1978	64	-	1	12	13	13	12	8	2	3	-
TRINIDAD AND TOBAGO	1977	2	2	20	44	27	22	21	3	13	3	-
UNITED STATES	1978	38139	848	2036	14637	7583	3707	3066	2642	1957	1648	35
URUGUAY	1978	158	2	19	34	23	22	25	12	14	7	-
VENEZUELA	1978	3887	137	309	1158	881	500	389	259	158	79	17
FEMALE												
ARGENTINA	1978	925	58	108	139	103	109	105	111	105	73	14
BAHAMAS	1979	15	3	-	4	1	-	-	-	-	-	-
BARBADOS	1978	4	-	3	-	-	-	-	-	-	-	-
BELIZE	1979	-	-	-	-	-	-	-	-	-	-	-
CANADA	1978	1440	74	137	411	204	119	121	143	137	88	6
CHILE	1979	218	18	38	38	25	19	26	19	22	12	1
COLOMBIA	1977	967	76	158	166	113	124	112	74	61	33	8
COSTA RICA	1979	67	8	13	17	5	4	5	6	6	3	2
CUBA	1977	320	16	42	62	42	40	38	34	23	23	-
DOMINICAN REPUBLIC	1978	5	-	3	-	-	-	-	8	9	1	-
ECUADOR	1978	93	10	20	18	17	6	8	8	9	4	3
EL SALVADOR	1974	186	51	86	68	46	38	44	32	36	27	6
GUATEMALA	1977	123	8	37	17	20	8	9	7	6	2	-
HONDURAS	1977	49	1	9	9	9	4	4	5	3	-	-
JAMAICA	1978	4	-	1	1	2	-	-	1	1	1	-
MARTINIQUE	1971	28	3	11	3	2	1	3	3	1	1	1
MEXICO	1975	9	-	2	2	1	2	1	2	1	-	-
NICARAGUA	1976	2413	327	465	395	300	205	205	179	186	137	14
PANAMA	1977	81	10	13	19	7	9	8	6	4	2	3
PARAGUAY (*)	1974	44	5	9	8	4	4	3	6	3	2	-
PERU	1978	52	5	11	11	7	4	7	4	4	2	1
PUERTO RICO	1977	213	31	29	34	27	25	25	16	12	9	10
ST. VINCENT	1977	116	6	13	22	17	9	7	12	10	20	-
SURINAME	1979	-	-	-	-	-	-	-	-	-	-	-
TRINIDAD AND TOBAGO	1978	13	-	1	2	2	2	2	1	7	1	-
UNITED STATES	1977	52	3	9	9	2	2	3	4	7	6	4
URUGUAY	1978	14272	702	1094	4527	2063	1219	1160	1240	1220	1040	4
VENEZUELA	1978	49	2	5	11	3	6	8	7	6	5	3
VENEZUELA	1978	935	99	154	216	142	83	86	84	50	18	3

(\*) AREA OF INFORMATION ONLY.

Table II-5b  
 CRUDE, AGE-ADJUSTED, AND AGE-SPECIFIC DEATH RATES PER 100,000 POPULATION FROM  
 MOTOR VEHICLE ACCIDENTS (E810-E823), BY SEX AND COUNTRY

C O U N T R Y	Y E A R	C R U D E R A T E	A G E - A D J U S T E D R A T E	A G E I N Y E A R S									
				U N D E R 5	5 - 1 4	1 5 - 2 4	2 5 - 3 4	3 5 - 4 4	4 5 - 5 4	5 5 - 6 4	6 5 - 7 4	7 5 A N D O V E R	
B O T H S E X E S													
ARGENTINA	1978	14.6	12.1	6.0	6.3	12.6	15.4	16.6	18.8	20.9	25.0	32.9	
BAHAMAS	1979	20.1	20.3	8.7	9.7	35.9	18.0	31.3	25.0	19.0	19.2	80.0	
BARBADOS	1978	12.4	10.4	4.2	13.4	7.2	15.1	4.5	4.2	19.4	38.0	25.9	
BELIZE	1979	-	-	-	-	-	-	-	-	-	-	-	-
CANADA	1978	22.0	19.6	9.2	10.3	42.4	21.9	16.6	15.4	20.2	24.4	29.1	
CHILE	1979	11.6	10.6	4.4	5.9	9.5	13.3	14.7	18.5	20.8	24.9	25.4	
COLOMBIA	1977	14.7	15.3	4.7	8.2	13.5	19.8	23.0	26.4	29.6	40.0	46.3	
COSTA RICA	1979	20.0	19.7	8.9	7.9	19.9	25.9	25.0	35.1	31.9	41.3	105.8	
CUBA	1977	15.5	14.2	3.8	5.9	15.3	24.2	22.2	21.2	18.0	24.4	54.3	
DOMINICAN REPUBLIC	1978	11.1	6.5	-	11.8	7.4	-	-	-	21.7	33.3	55.6	
ECUADOR	1978	7.8	8.0	2.6	3.4	8.1	10.3	12.1	11.6	15.5	23.0	34.1	
EL SALVADOR	1978	23.0	24.1	9.8	11.9	23.0	30.4	34.2	38.7	40.1	49.6	97.7	
GUATEMALA	1974	14.6	14.8	2.7	9.1	14.0	22.5	22.2	21.0	25.8	31.8	41.1	
HONDURAS	1977	5.2	5.5	0.4	1.8	6.4	10.6	7.2	8.6	9.9	12.1	15.4	
JAMAICA	1978	0.5	0.5	-	-	0.3	1.4	0.7	0.5	0.8	1.5	7.7	
MARTINIQUE	1971	8.1	8.5	1.7	3.1	5.2	12.5	13.9	16.0	15.0	8.3	22.7	
MEXICO	1976	18.3	19.2	8.2	8.4	19.7	26.3	26.9	29.1	37.1	46.7	59.7	
NICARAGUA	1977	17.0	17.3	6.1	5.6	22.8	24.0	24.2	27.4	32.5	34.5	45.4	
PANAMA	1974	15.8	16.0	4.7	5.3	19.0	25.0	22.2	15.4	38.5	37.3	71.5	
PARAGUAY (*)	1978	11.4	11.9	3.5	3.4	10.5	19.0	16.1	29.7	21.6	34.1	15.4	
PERU	1978	5.3	5.5	3.0	4.3	6.5	6.7	6.7	10.7	10.7	11.6	17.1	
PUERTO RICO	1977	16.5	14.6	4.8	5.6	20.9	20.0	17.8	18.1	25.5	28.4	57.0	
ST. VINCENT	1979	1.8	1.7	-	-	3.0	-	-	-	19.2	-	-	
SURINAME	1978	20.6	22.4	-	1.8	22.3	31.9	42.5	61.5	59.5	28.5	85.1	
TRINIDAD AND TOBAGO	1977	21.3	19.7	3.9	10.0	21.3	23.5	21.6	27.5	54.5	58.1	98.2	
UNITED STATES	1978	23.6	21.4	9.9	8.7	45.6	28.0	19.9	17.7	18.4	21.2	28.9	
URUGUAY	1978	7.2	6.4	1.5	4.7	9.9	6.9	7.6	8.3	10.7	11.1	11.8	
VENEZUELA	1978	36.7	37.1	11.0	13.4	49.1	56.9	50.9	54.7	63.9	72.2	82.2	
M A L E													
ARGENTINA	1978	22.2	18.3	7.7	8.0	18.8	25.0	26.4	30.8	32.9	37.8	51.2	
BAHAMAS	1979	21.0	26.9	8.5	19.2	51.1	29.6	35.7	38.5	40.0	40.0	148.4	
BARBADOS	1978	22.9	18.3	-	16.4	14.6	26.3	9.8	10.0	36.5	83.8	78.1	
BELIZE	1979	-	-	-	-	-	-	-	-	-	-	-	
CANADA	1978	31.9	28.3	9.7	13.4	65.7	33.1	24.0	21.2	27.0	30.9	46.1	
CHILE	1979	19.4	17.8	5.8	8.5	15.5	23.6	26.7	32.3	38.0	44.0	50.5	
COLOMBIA	1977	22.0	23.9	5.5	10.8	21.4	33.7	36.7	39.5	44.7	58.2	73.0	
COSTA RICA	1979	33.5	31.8	11.8	10.8	32.4	48.5	47.4	64.7	54.3	62.5	206.3	
CUBA	1977	23.8	21.8	4.6	8.0	22.4	42.3	36.3	32.5	24.3	34.6	84.1	
DOMINICAN REPUBLIC	1978	10.4	5.1	-	-	15.6	-	-	-	47.6	-	-	
ECUADOR	1978	11.9	12.3	2.9	4.3	13.2	18.9	21.4	16.7	20.1	27.2	57.6	
EL SALVADOR	1978	34.8	37.2	11.8	15.6	36.7	51.4	51.4	59.8	61.3	101.4	148.4	
GUATEMALA	1974	22.7	23.0	3.1	11.2	23.1	36.2	39.5	35.1	41.9	53.1	59.2	
HONDURAS	1977	8.8	9.2	0.7	2.5	11.2	18.8	13.0	14.8	15.7	16.9	20.0	
JAMAICA	1978	0.7	0.8	-	-	0.3	2.4	1.4	1.0	1.5	1.5	8.3	
MARTINIQUE	1971	13.4	14.6	1.3	6.1	8.6	26.7	27.6	33.3	26.7	17.5	50.5	
MEXICO	1976	16.8	16.8	4.7	4.7	14.3	26.7	26.7	25.0	160.0	-	-	
NICARAGUA	1977	28.4	30.2	10.3	11.2	31.9	44.2	45.9	47.5	59.1	69.7	88.7	
PANAMA	1974	25.7	28.2	5.4	6.4	33.0	45.3	41.5	44.1	52.2	53.9	85.7	
PARAGUAY (*)	1978	16.5	17.7	3.0	4.6	14.0	31.5	27.1	46.3	25.0	52.6	40.0	
PERU	1978	8.0	7.9	3.5	2.7	6.6	11.0	10.3	18.1	17.2	17.8	26.6	
PUERTO RICO	1977	26.5	23.6	6.3	7.7	35.9	34.9	32.3	32.1	50.8	43.5	72.5	
ST. VINCENT	1979	3.8	3.9	-	6.0	-	-	-	-	50.3	-	-	
SURINAME	1978	34.3	38.1	-	1.8	39.0	57.1	73.7	103.9	98.4	38.0	144.9	
TRINIDAD AND TOBAGO	1977	32.7	30.7	3.1	14.1	34.1	32.0	42.3	47.1	97.8	74.9	140.0	
UNITED STATES	1978	35.3	31.1	10.5	11.1	69.3	44.5	30.7	26.3	26.5	30.2	49.2	
URUGUAY	1978	11.3	10.1	1.5	7.4	15.2	12.5	12.2	14.6	9.3	16.7	17.9	
VENEZUELA	1978	59.2	60.5	12.5	17.7	82.7	100.9	88.2	87.6	96.3	115.3	158.0	
F E M A L E													
ARGENTINA	1978	7.0	6.0	4.3	4.5	6.3	5.6	6.8	6.9	9.6	13.7	19.2	
BAHAMAS	1979	13.3	13.4	17.5	-	21.5	6.1	26.8	12.2	-	33.3	125.0	
BARBADOS	1978	2.9	3.4	-	10.2	-	5.6	-	-	-	-	-	
BELIZE	1979	-	-	-	-	-	-	-	-	-	-	-	
CANADA	1978	12.2	10.9	8.7	7.1	18.0	10.7	8.9	9.7	13.5	18.9	18.1	
CHILE	1979	4.0	3.7	3.0	3.3	3.4	3.0	3.0	5.5	5.7	9.9	10.0	
COLOMBIA	1977	7.6	7.8	4.0	5.5	6.2	7.1	10.3	13.8	14.9	22.7	24.8	
COSTA RICA	1979	6.2	6.0	5.8	4.9	6.8	3.1	4.0	5.5	10.4	21.7	22.5	
CUBA	1977	6.8	8.3	2.9	3.6	7.9	6.1	7.8	9.7	11.2	11.8	24.2	
DOMINICAN REPUBLIC	1978	11.7	8.5	-	2.6	-	-	-	-	55.6	-	-	
ECUADOR	1978	3.6	3.7	2.3	2.6	3.5	2.3	2.5	5.8	10.1	18.6	12.9	
EL SALVADOR	1978	11.1	11.2	7.7	8.1	9.0	9.2	10.9	17.9	19.4	40.5	58.1	
GUATEMALA	1974	6.4	6.4	2.3	7.0	4.6	8.4	4.6	7.1	11.0	14.1	27.3	
HONDURAS	1977	1.5	1.6	0.2	1.0	1.4	2.1	1.3	1.9	4.1	7.5	11.1	
JAMAICA	1978	0.2	0.3	-	0.3	0.5	0.5	-	-	-	2.9	7.1	
MARTINIQUE	1971	2.6	2.7	2.0	4.1	1.7	5.8	2.5	1.4	5.1	3.0	6.1	
MEXICO	1976	4.8	4.4	-	-	6.9	5.6	5.9	7.7	18.2	14.3	-	
NICARAGUA	1977	7.8	8.0	6.0	5.4	6.6	7.6	7.5	11.1	16.2	25.5	35.0	
PANAMA	1974	6.9	6.9	5.0	3.7	8.2	5.0	8.2	11.8	14.3	17.3	13.2	
PARAGUAY (*)	1978	5.6	5.7	4.0	4.2	5.3	3.9	5.5	8.8	17.7	16.2	18.3	
PERU	1978	2.5	2.5	2.4	1.3	2.1	2.0	3.2	4.5	4.4	5.9	9.1	
PUERTO RICO	1977	6.9	5.8	3.3	3.4	6.5	7.1	5.0	4.9	11.1	13.9	43.5	
ST. VINCENT	1979	6.9	7.2	-	1.8	6.3	-	-	-	11.3	19.0	38.0	
SURINAME	1978	8.5	8.8	4.8	5.8	7.5	14.5	11.3	17.8	23.0	41.0	78.6	
TRINIDAD AND TOBAGO	1977	12.5	11.5	9.2	6.2	21.7	11.9	9.6	9.5	11.2	14.2	17.5	
UNITED STATES	1978	3.4	2.8	1.5	2.0	4.8	1.6	3.2	2.3	5.1	6.3	8.0	
URUGUAY	1978	14.3	14.4	9.5	9.0	15.5	15.4	14.4	20.3	31.3	33.1	26.5	

(\*) AREA OF INFORMATION ONLY.

Table II-5a  
NUMBER OF DEATHS FROM SUICIDE (E950-E959), BY AGE, SEX, AND COUNTRY

C O U N T R Y	Y E A R	A L L A G E S	A G E I N Y E A R S									U N - K N O W N
			U N D E R 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75 A N D O V E R	
B O T H S E X E S												
ARGENTINA	1978	2099	--	26	357	332	289	305	329	271	158	32
BAHAMAS	1979	2	--	--	--	--	--	2	--	--	--	--
BARBADOS	1978	9	--	--	1	2	2	1	3	--	--	--
BELIZE	1979	1	--	--	--	--	--	--	--	--	--	--
CANADA	1978	3475	--	31	784	790	532	536	425	241	129	7
CHILE	1979	650	1	12	166	148	125	74	58	42	23	1
COLOMBIA	1977	733	--	20	297	161	92	72	45	33	9	4
COSTA RICA	1979	74	--	2	19	13	18	12	2	6	1	1
CUBA	1977	1695	--	24	410	272	229	196	236	186	140	2
DOMINICA	1978	1	--	--	--	1	4	10	4	6	4	5
DOMINICAN REPUBLIC	1978	104	--	2	37	28	12	10	5	3	3	6
ECUADOR	1978	216	--	--	131	42	70	10	5	3	1	5
EL SALVADOR	1974	420	--	--	209	100	50	28	21	6	1	5
GUATEMALA	1977	2	1	--	--	--	--	--	--	1	--	--
HONDURAS	1978	--	--	--	--	--	--	--	--	--	--	--
JAMAICA	1971	19	--	--	5	2	4	2	4	2	1	--
MARTINIQUE	1975	2	--	--	5	2	3	2	4	2	1	--
MEXICO	1976	1034	--	28	392	201	180	93	60	39	32	9
NICARAGUA	1977	21	--	--	10	4	5	--	--	--	1	1
PANAMA	1974	48	--	--	12	15	9	4	2	--	1	--
PARAGUAY (*)	1978	54	--	1	17	14	9	10	3	1	2	--
PERU	1978	234	--	--	94	47	37	21	15	8	2	10
PUERTO RICO	1977	314	--	4	42	71	47	48	42	38	22	--
ST. VINCENT	1979	1	--	--	--	--	--	1	--	--	--	--
SURINAME	1978	36	--	--	8	--	5	7	3	1	4	--
TRINIDAD AND TOBAGO	1977	97	--	--	33	25	12	11	9	4	7	--
UNITED STATES	1978	27294	--	153	5115	5650	3853	3976	3748	2812	1971	16
URUGUAY	1978	300	--	--	44	33	45	60	45	39	33	1
VENEZUELA	1978	609	--	10	206	121	82	69	72	24	23	2
M A L E												
ARGENTINA	1978	1530	--	7	199	245	220	228	259	212	134	26
BAHAMAS	1979	1	--	--	1	2	2	1	2	--	--	--
BARBADOS	1978	8	--	--	--	--	--	--	--	--	--	--
BELIZE	1979	1	--	--	--	--	--	--	--	--	--	--
CANADA	1978	2610	--	25	653	616	379	380	286	166	99	6
CHILE	1979	531	--	7	127	121	105	61	52	37	20	1
COLOMBIA	1977	544	--	9	192	118	83	58	43	31	7	3
COSTA RICA	1979	62	--	2	14	12	14	10	2	6	1	1
CUBA	1977	93	--	4	118	132	147	130	164	133	107	2
DOMINICA	1978	1	--	--	--	--	--	--	--	--	--	--
DOMINICAN REPUBLIC	1978	77	--	--	22	21	10	7	4	5	4	4
ECUADOR	1978	121	--	--	54	32	14	3	4	3	3	2
EL SALVADOR	1974	340	--	--	144	91	50	25	19	10	1	4
GUATEMALA	1977	--	--	--	--	--	--	--	--	--	--	--
HONDURAS	1978	--	--	--	--	--	--	--	--	--	--	--
JAMAICA	1971	16	--	--	3	2	4	2	3	2	1	--
MARTINIQUE	1975	13	--	--	1	2	2	4	3	3	1	--
MEXICO	1976	824	--	18	286	167	146	82	54	31	29	9
NICARAGUA	1977	18	--	--	8	4	5	2	2	--	6	--
PANAMA	1974	41	--	--	9	15	7	2	2	--	3	--
PARAGUAY (*)	1978	36	--	--	10	11	1	8	2	1	3	--
PERU	1978	156	--	--	48	33	28	16	14	7	2	8
PUERTO RICO	1977	271	--	3	34	63	40	41	36	34	20	--
ST. VINCENT	1979	1	--	--	--	--	--	1	--	--	--	--
SURINAME	1978	24	--	--	2	6	4	6	3	1	2	--
TRINIDAD AND TOBAGO	1977	69	--	1	21	20	8	8	8	3	3	--
UNITED STATES	1978	20188	--	119	4143	4273	2595	2634	2692	2147	1572	13
URUGUAY	1978	230	--	--	29	25	34	45	40	29	27	1
VENEZUELA	1978	481	--	4	158	92	65	59	61	21	19	2
F E M A L E												
ARGENTINA	1978	569	--	19	158	87	69	77	70	59	24	6
BAHAMAS	1979	1	--	--	--	--	--	1	--	--	--	--
BARBADOS	1978	1	--	--	--	--	--	--	--	--	--	--
BELIZE	1979	--	--	--	--	--	--	--	--	--	--	--
CANADA	1978	865	--	6	131	174	153	156	139	75	30	1
CHILE	1979	119	1	5	39	27	20	13	6	5	3	--
COLOMBIA	1977	189	--	11	105	43	9	14	2	2	2	1
COSTA RICA	1979	12	--	--	5	4	4	6	--	--	--	--
CUBA	1977	758	--	20	292	140	82	66	72	53	33	--
DOMINICA	1978	--	--	--	--	--	--	--	--	--	--	--
DOMINICAN REPUBLIC	1978	27	--	2	10	7	2	3	--	1	--	2
ECUADOR	1978	95	--	--	77	10	6	1	1	--	--	--
EL SALVADOR	1974	80	--	--	65	9	--	3	2	--	1	1
GUATEMALA	1977	2	1	--	--	--	--	--	--	--	--	--
HONDURAS	1978	--	--	--	--	--	--	--	--	--	--	--
JAMAICA	1971	3	--	--	2	--	--	--	--	--	1	--
MARTINIQUE	1975	8	--	--	4	2	1	--	1	--	--	--
MEXICO	1976	206	--	9	105	34	32	11	6	6	3	--
NICARAGUA	1977	3	--	--	3	--	2	--	--	--	--	--
PANAMA	1974	7	--	--	7	3	4	2	5	--	--	--
PARAGUAY (*)	1978	18	--	1	7	3	4	2	1	1	--	--
PERU	1978	78	--	--	46	14	9	5	1	1	2	2
PUERTO RICO	1977	43	--	1	8	8	7	7	6	4	2	--
ST. VINCENT	1979	12	--	--	6	2	1	1	--	--	2	--
SURINAME	1978	28	--	1	12	5	4	3	1	1	1	--
TRINIDAD AND TOBAGO	1977	70	--	--	15	8	11	15	5	10	6	--
UNITED STATES	1978	7106	--	34	972	1377	1258	1342	1056	665	399	3
URUGUAY	1978	70	--	--	15	8	11	15	5	10	6	--
VENEZUELA	1978	128	--	6	48	29	17	10	11	3	4	--

(\*) AREA OF INFORMATION ONLY.

Table II-5b  
 CRUDE, AGE-ADJUSTED, AND AGE-SPECIFIC DEATH RATES PER 100,000 POPULATION  
 FROM SUICIDE (E950-E959), BY SEX AND COUNTRY

COUNTRY	YEAR	CRUDE RATE	AGE-ADJUSTED RATE	AGE IN YEARS									
				UNDER 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75 AND OVER	
BOTH SEXES													
ARGENTINA	1978	8.0	5.9	-	0.5	7.9	8.9	8.9	10.1	14.7	18.8	23.8	-
BAHAMAS	1979	0.9	0.9	-	-	-	-	-	12.5	-	-	-	-
BARBADOS	1978	3.4	3.1	-	-	1.8	6.0	8.9	4.2	14.5	-	-	-
BELIZE	1979	0.6	0.9	-	-	-	-	-	-	-	-	-	-
CANADA	1978	14.8	11.4	-	0.8	16.9	20.9	19.8	21.6	21.0	18.0	16.2	-
CHILE	1979	6.0	5.2	0.1	0.5	7.3	8.9	10.1	8.0	9.2	10.6	11.9	-
COLOMBIA	1977	2.9	3.0	-	0.3	5.7	5.2	4.0	4.5	4.6	6.4	3.8	-
COSTA RICA	1979	3.4	3.3	-	0.4	3.8	4.1	8.9	8.3	2.1	11.3	4.1	-
CUBA	1977	17.7	15.5	-	1.0	25.8	19.6	22.2	24.8	37.4	42.7	73.1	-
DOMINICA	1978	2.0	2.1	-	-	-	-	-	-	-	-	-	-
DOMINICAN REPUBLIC	1978	2.0	2.1	-	-	3.2	4.8	2.5	3.4	2.3	6.0	6.8	-
ECUADOR	1978	2.7	2.8	-	0.1	8.6	4.2	2.9	2.0	1.5	1.8	3.6	-
EL SALVADOR	1974	10.8	11.1	-	-	27.9	20.8	14.4	11.1	13.2	6.6	2.6	-
GUATEMALA	1977	0.0	0.0	0.1	-	-	-	-	-	-	0.8	-	-
HONDURAS	1978	-	-	-	-	-	-	-	-	-	-	-	-
JAMAICA	1971	1.0	1.0	-	-	1.4	0.9	2.8	1.5	2.6	3.2	3.8	-
MARTINIQUE	1975	6.6	6.6	-	-	8.8	12.1	9.4	16.0	20.0	-	16.7	-
MEXICO	1976	1.7	1.8	-	0.2	3.2	2.5	3.3	2.5	2.8	2.8	4.4	-
NICARAGUA	1977	0.9	0.9	-	-	2.3	1.5	2.4	-	-	-	3.8	-
PANAMA	1974	3.0	3.1	-	-	4.0	7.4	6.1	3.6	2.8	-	28.6	-
PARAGUAY (*)	1978	3.3	3.5	-	-	5.4	7.4	3.5	9.0	4.1	2.4	11.5	-
PERU	1978	1.4	1.4	-	-	2.8	2.1	2.4	1.9	2.1	2.0	1.1	-
PUERTO RICO	1977	9.5	8.0	-	0.5	6.3	15.8	13.9	17.3	19.4	27.0	25.6	-
ST. VINCENT	1979	0.9	1.0	-	-	-	-	-	13.0	-	-	-	-
SURINAME	1978	9.6	10.5	-	-	12.8	17.0	14.2	30.8	17.8	9.5	85.1	-
TRINIDAD AND TOBAGO	1977	8.7	8.7	-	0.7	12.8	17.0	14.2	17.6	13.6	11.4	8.9	-
UNITED STATES	1978	12.3	9.0	-	0.4	12.2	16.4	15.6	16.8	17.8	18.5	21.2	-
URUGUAY	1978	10.5	7.2	-	-	9.7	8.8	12.2	17.2	16.9	21.7	32.6	-
VENEZUELA	1978	4.6	4.7	-	0.3	7.4	6.7	7.2	7.9	13.4	8.3	19.5	-
MALE													
ARGENTINA	1978	11.6	8.4	-	0.3	8.7	12.9	13.5	15.2	23.9	31.4	47.3	-
BAHAMAS	1979	0.9	0.9	-	-	-	-	-	12.8	-	-	-	-
BARBADOS	1978	6.3	6.2	-	-	3.7	13.2	19.5	10.0	19.3	-	-	-
BELIZE	1979	1.3	1.7	-	-	-	-	-	-	-	-	-	-
CANADA	1978	22.3	17.4	-	1.2	27.8	32.0	27.9	30.7	29.5	27.0	31.9	-
CHILE	1979	4.8	8.6	-	0.6	11.0	14.6	17.3	13.7	17.6	21.1	27.3	-
COLOMBIA	1977	6.4	7.7	-	0.2	7.7	8.7	7.5	8.5	8.5	12.3	6.6	-
COSTA RICA	1979	5.7	5.5	-	0.7	5.5	5.5	13.8	13.8	4.3	25.4	8.9	-
CUBA	1977	19.1	15.6	-	0.3	14.6	19.0	28.2	32.5	49.9	55.5	111.1	-
DOMINICA	1978	2.6	4.8	-	-	-	-	-	-	-	-	-	-
DOMINICAN REPUBLIC	1978	3.0	3.2	-	-	4.7	7.5	4.0	6.5	4.2	9.7	14.4	-
ECUADOR	1978	3.0	3.2	-	-	7.0	6.3	4.0	3.7	2.5	3.7	8.2	-
EL SALVADOR	1974	17.4	18.2	-	-	37.9	37.4	28.6	20.0	24.9	14.5	5.9	-
GUATEMALA	1977	-	-	-	-	-	-	-	-	-	-	-	-
HONDURAS	1978	-	-	-	-	-	-	-	-	-	-	-	-
JAMAICA	1971	1.7	1.9	-	-	1.6	2.0	6.5	3.3	5.3	7.0	-	-
MARTINIQUE	1975	8.4	8.5	-	-	3.6	13.3	13.3	33.3	33.3	-	50.0	-
MEXICO	1976	2.6	2.8	-	0.2	4.6	4.1	5.4	4.6	5.2	5.0	8.8	-
NICARAGUA	1977	1.6	1.7	-	-	3.8	3.2	4.9	-	-	-	-	-
PANAMA	1974	5.1	5.3	-	-	6.1	14.7	9.2	3.4	5.2	-	59.6	-
PARAGUAY (*)	1978	4.4	4.8	-	-	6.4	12.0	1.4	14.8	5.6	5.3	30.0	-
PERU	1978	1.9	1.9	-	-	2.9	2.9	3.6	3.6	4.0	3.7	2.4	-
PUERTO RICO	1977	16.7	14.4	-	0.8	10.3	30.1	25.3	30.6	33.3	49.3	50.0	-
ST. VINCENT	1979	1.9	2.2	-	-	-	-	-	29.4	-	-	-	-
SURINAME	1978	12.9	14.3	-	-	6.5	26.4	22.7	51.9	36.9	19.0	96.6	-
TRINIDAD AND TOBAGO	1977	12.1	10.9	-	0.7	16.3	23.7	15.4	17.9	24.4	17.3	-	-
UNITED STATES	1978	18.7	13.7	-	0.6	19.6	25.1	21.5	23.0	27.0	32.5	46.9	-
URUGUAY	1978	16.4	11.2	-	-	13.0	13.6	18.8	26.2	30.9	34.6	69.1	-
VENEZUELA	1978	7.3	7.6	-	0.2	11.3	10.5	11.5	13.3	22.7	15.3	38.0	-
FEMALE													
ARGENTINA	1978	4.3	3.5	-	0.8	7.1	4.7	4.3	5.1	6.0	7.7	6.3	-
BAHAMAS	1979	0.9	0.9	-	-	-	-	-	12.2	-	-	-	-
BARBADOS	1978	0.7	0.5	-	-	-	-	-	-	9.7	-	-	-
BELIZE	1979	-	-	-	-	-	-	-	-	-	-	-	-
CANADA	1978	7.3	5.4	-	0.3	5.7	9.1	11.5	12.6	13.2	10.3	6.2	-
CHILE	1979	2.2	1.9	0.2	0.4	3.5	3.2	3.2	2.7	1.8	2.2	2.5	-
COLOMBIA	1977	1.5	1.4	-	0.3	3.9	2.7	0.7	1.7	0.4	0.7	1.5	-
COSTA RICA	1979	1.5	1.4	-	-	2.0	4.0	2.8	-	-	-	-	-
CUBA	1977	16.1	15.2	-	1.7	37.4	20.3	16.0	16.9	23.7	27.1	34.7	-
DOMINICA	1978	-	-	-	-	-	-	-	-	-	-	-	-
DOMINICAN REPUBLIC	1978	1.1	1.0	-	0.3	1.9	2.3	0.8	2.2	-	2.1	-	-
ECUADOR	1978	2.4	2.4	-	-	10.2	2.0	1.7	0.4	0.6	-	-	-
EL SALVADOR	1974	4.1	4.1	-	-	17.7	3.8	-	2.4	2.4	-	-	-
GUATEMALA	1977	0.1	0.1	0.2	-	-	-	-	-	-	1.5	-	-
HONDURAS	1978	-	-	-	-	-	-	-	-	-	-	-	-
JAMAICA	1971	0.3	0.3	-	-	1.1	-	-	-	-	-	6.1	-
MARTINIQUE	1975	4.8	5.1	-	-	13.8	11.1	5.9	-	9.1	-	-	-
MEXICO	1976	0.7	0.7	-	0.1	1.8	0.9	1.2	0.6	0.5	0.8	0.8	-
NICARAGUA	1977	0.3	0.2	-	-	0.9	-	-	-	-	-	6.6	-
PANAMA	1974	0.9	0.9	-	-	2.0	-	2.8	3.8	-	-	-	-
PARAGUAY (*)	1978	2.2	2.3	-	0.4	4.5	3.1	5.5	3.5	2.6	-	-	-
PERU	1978	0.9	0.9	-	-	2.8	1.2	1.2	0.9	0.3	0.5	-	-
PUERTO RICO	1977	2.5	2.2	-	0.3	2.3	3.3	3.9	4.9	5.6	5.6	4.3	-
ST. VINCENT	1979	-	-	-	-	-	-	-	-	-	-	-	-
SURINAME	1978	6.4	6.7	-	-	18.8	8.2	5.7	8.9	-	-	76.0	-
TRINIDAD AND TOBAGO	1977	5.1	4.6	-	0.7	10.0	6.4	7.3	7.1	3.0	5.9	13.1	-
UNITED STATES	1978	6.2	4.6	-	0.2	4.7	7.9	9.9	11.0	9.5	7.7	6.7	-
URUGUAY	1978	4.8	3.5	-	-	6.5	4.2	5.9	8.5	3.6	10.5	9.6	-
VENEZUELA	1978	2.0	1.9	-	0.4	3.4	3.1	2.9	2.4	4.1	2.0	5.9	-

(\*) AREA OF INFORMATION ONLY.



Table II-5a  
NUMBER OF DEATHS FROM HOMICIDE AND LEGAL INTERVENTION (E960-E978), BY AGE, SEX, AND COUNTRY

COUNTRY	YEAR	ALL AGES	AGE IN YEARS									UN-KNOWN
			UNDER 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75 AND OVER	
BOTH SEXES												
ARGENTINA	1978	1542	64	39	347	406	256	166	86	56	32	97
BAHAMAS	1979	35	-	1	1	1	3	1	1	-	1	-
BARBADOS	1978	9	-	-	-	-	-	-	-	-	-	-
BELIZE	1979	-	-	-	-	-	-	-	-	-	-	-
CANADA	1978	586	35	26	146	137	105	60	45	23	8	
CHILE	1979	268	14	6	60	63	43	39	18	17	11	
COLOMBIA	1977	5423	62	93	1521	1696	1037	545	258	92	37	
COSTA RICA	1979	81	-	3	20	19	4	5	3	4	7	
CUBA	1977	370	28	7	117	94	64	25	20	11	4	
DOMINICA	1978	2	-	-	-	-	-	-	-	-	-	
DOMINICAN REPUBLIC	1978	238	7	3	62	51	44	26	14	12	7	
ECUADOR	1978	479	7	14	114	134	93	51	27	16	12	
EL SALVADOR	1974	1283	4	14	300	374	278	155	76	37	16	
GUATEMALA	1977	113	40	7	15	16	7	3	5	5	10	
HONDURAS	1978	40	23	2	3	2	2	1	1	1	4	
JAMAICA	1971	18	1	-	7	6	2	2	1	1	1	
MARTINIQUE	1975	9	-	-	-	-	-	-	-	-	-	
MEXICO	1976	10314	381	245	2277	2673	2200	1187	658	392	180	
NICARAGUA	1977	693	2	8	184	208	115	70	45	14	13	
PANAMA	1974	46	1	1	9	4	17	6	5	2	3	
PARAGUAY (*)	1978	214	-	6	45	57	49	27	8	12	8	
PERU	1978	239	25	9	33	49	37	29	20	15	8	
PUERTO RICO	1977	484	-	8	135	139	101	45	30	7	12	
ST. VINCENT	1979	2	-	-	1	1	-	-	-	-	-	
SURINAME	1978	13	-	-	3	5	2	1	-	-	1	
TRINIDAD AND TOBAGO	1977	68	1	3	19	11	13	11	4	3	2	
UNITED STATES	1978	20432	474	454	5443	5721	3406	2307	1389	745	422	
URUGUAY	1978	57	1	-	10	16	8	2	9	2	2	
VENEZUELA	1978	1195	11	18	446	377	146	107	56	21	10	
MALE												
ARGENTINA	1978	1243	35	25	267	343	216	145	68	46	20	
BAHAMAS	1979	26	-	1	1	1	2	1	1	-	-	
BARBADOS	1978	8	-	-	-	-	-	-	-	-	-	
BELIZE	1979	-	-	-	-	-	-	-	-	-	-	
CANADA	1978	405	19	12	99	106	70	49	29	17	4	
CHILE	1979	221	7	2	53	49	40	34	16	7	7	
COLOMBIA	1977	4955	39	64	1371	1585	969	510	239	79	28	
COSTA RICA	1979	68	-	1	17	18	3	5	3	3	3	
CUBA	1977	259	15	4	94	63	36	21	14	9	3	
DOMINICA	1978	2	-	-	-	-	-	-	-	-	-	
DOMINICAN REPUBLIC	1978	193	4	1	44	43	40	24	11	11	6	
ECUADOR	1978	410	5	12	89	118	83	45	24	12	13	
EL SALVADOR	1974	1206	6	10	269	364	269	148	71	33	13	
GUATEMALA	1977	69	26	4	11	15	2	1	1	1	1	
HONDURAS	1978	18	9	-	2	2	2	1	1	1	1	
JAMAICA	1971	16	1	-	7	6	-	-	-	-	-	
MARTINIQUE	1975	8	-	-	-	-	-	-	-	-	-	
MEXICO	1976	9330	289	172	2067	2508	2041	1098	579	334	142	
NICARAGUA	1977	606	-	3	156	190	102	61	40	9	11	
PANAMA	1974	43	-	1	9	4	15	6	5	1	2	
PARAGUAY (*)	1978	186	-	4	37	51	47	23	7	9	3	
PERU	1978	189	13	6	28	43	33	25	16	10	6	
PUERTO RICO	1977	419	1	4	121	119	90	39	26	6	10	
ST. VINCENT	1978	9	-	-	2	4	1	2	-	-	-	
SURINAME	1978	9	-	-	2	4	1	2	-	-	-	
TRINIDAD AND TOBAGO	1977	59	-	3	18	10	12	7	4	2	3	
UNITED STATES	1978	15838	254	251	4227	4635	2734	1859	1100	516	209	
URUGUAY	1978	45	1	-	9	7	8	12	8	5	1	
VENEZUELA	1978	1085	5	10	411	351	134	94	51	16	10	
FEMALE												
ARGENTINA	1978	306	29	14	80	63	40	21	18	10	12	
BAHAMAS	1979	9	-	-	3	-	1	3	1	-	-	
BARBADOS	1978	3	-	1	-	-	-	-	-	-	1	
BELIZE	1979	-	-	-	-	-	-	-	-	-	-	
CANADA	1978	181	16	14	47	31	35	11	16	6	4	
CHILE	1979	47	7	4	6	11	3	5	2	5	4	
COLOMBIA	1977	468	26	29	150	111	68	35	19	13	9	
COSTA RICA	1979	13	-	2	3	3	1	1	1	1	1	
CUBA	1977	111	13	3	23	31	28	4	6	2	1	
DOMINICA	1978	-	-	-	-	-	-	-	-	-	-	
DOMINICAN REPUBLIC	1978	45	3	2	18	8	4	2	3	1	1	
ECUADOR	1978	69	2	2	25	16	10	6	3	4	1	
EL SALVADOR	1974	77	3	4	31	10	9	7	5	4	1	
GUATEMALA	1977	40	14	3	3	1	4	2	4	1	3	
HONDURAS	1978	22	14	2	1	-	-	-	-	-	-	
JAMAICA	1971	1	-	-	-	-	2	1	-	-	-	
MARTINIQUE	1975	1	-	-	-	-	-	-	-	-	-	
MEXICO	1976	875	81	68	193	148	137	77	71	54	36	
NICARAGUA	1977	87	1	5	18	-	13	9	-	5	2	
PANAMA	1974	3	1	-	-	-	2	-	-	1	1	
PARAGUAY (*)	1978	28	-	2	8	6	2	4	1	3	2	
PERU	1978	50	12	3	5	6	4	4	4	5	2	
PUERTO RICO	1977	65	2	4	14	20	11	6	4	2	1	
ST. VINCENT	1979	1	-	-	1	1	1	1	-	-	1	
SURINAME	1978	4	-	-	1	1	1	-	-	-	-	
TRINIDAD AND TOBAGO	1977	9	1	-	1	1	1	4	-	1	1	
UNITED STATES	1978	4594	220	203	1216	1086	672	448	289	229	213	
URUGUAY	1978	12	-	-	3	3	4	4	1	5	-	
VENEZUELA	1978	110	6	8	35	26	12	13	5	2	-	

(\*) AREA OF INFORMATION ONLY.

Table II-5b  
CRUDE, AGE-ADJUSTED, AND AGE-SPECIFIC DEATH RATES PER 100,000 POPULATION  
FROM HOMICIDE AND LEGAL INTERVENTION (E960-E978), BY SEX AND COUNTRY

COUNTRY	YEAR	CRUDE RATE	AGE-ADJUSTED RATE	AGE IN YEARS									
				UNDER 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75 AND OVER	
BOTH SEXES													
ARGENTINA	1978	5.9	5.0	2.3	0.8	7.7	10.8	7.9	5.5	3.8	3.9	4.8	
BAHAMAS	1979	15.6	16.3	-	1.6	30.4	21.0	17.9	56.3	19.0	19.2	-	
BARBADOS	1978	3.4	3.3	-	1.7	1.8	3.0	13.4	4.2	4.8	-	13.0	
BELIZE	1979	-	-	-	-	-	-	-	-	-	-	-	-
CANADA	1978	2.5	2.3	2.0	0.7	3.2	3.6	3.9	2.4	2.2	1.7	1.0	
CHILE	1979	2.5	2.2	1.1	0.3	2.6	3.6	3.5	4.2	2.9	4.3	5.7	
COLOMBIA	1977	21.7	22.6	1.7	1.3	29.4	54.8	45.0	34.4	26.4	17.7	15.4	
COSTA RICA	1979	3.7	3.6	-	0.6	4.6	6.2	9.4	2.8	5.3	5.6	16.3	
CUBA	1978	3.9	4.0	2.5	0.3	7.4	6.8	6.2	3.2	3.2	2.5	2.1	
DOMINICA	1978	2.9	1.6	-	-	-	-	-	-	-	-	-	
DOMINICAN REPUBLIC	1978	4.6	4.9	0.8	0.2	6.3	8.8	9.0	8.9	8.1	12.0	11.9	
ECUADOR	1978	6.1	6.4	0.5	0.6	7.5	13.3	13.4	10.4	8.3	9.4	14.5	
EL SALVADOR	1974	33.0	35.1	0.6	1.3	40.1	77.8	80.1	61.5	47.9	40.6	41.1	
GUATEMALA	1977	1.7	1.7	3.4	0.4	1.1	1.9	1.0	0.7	2.1	3.8	19.2	
HONDURAS	1978	1.2	1.1	3.3	0.2	0.1	2.3	1.0	0.5	0.8	1.5	15.4	
JAMAICA	1971	0.9	0.0	0.3	-	-	1.9	-	1.5	-	-	-	
MARTINIQUE	1975	2.8	2.2	-	-	-	-	3.1	12.0	5.0	25.0	16.7	
MEXICO	1976	16.5	18.0	3.4	1.4	18.8	33.5	40.4	32.5	30.7	28.1	24.9	
NICARAGUA	1977	30.0	32.4	0.5	1.1	41.6	78.1	54.7	53.3	56.2	32.2	49.2	
PANAMA	1974	1.3	0.4	-	0.2	3.0	2.0	11.4	5.4	6.9	9.2	9.5	
PARAGUAY (*)	1978	13.0	13.9	0.4	1.3	30.2	34.3	24.3	10.8	29.3	19.2	19.2	
PERU	1978	1.4	1.4	1.0	0.2	1.0	2.2	2.4	2.6	2.8	3.8	4.4	
PUERTO RICO	1977	14.6	13.6	0.8	1.0	20.1	31.0	30.0	16.2	13.9	5.0	14.0	
ST. VINCENT	1979	1.8	2.1	-	-	-	8.4	-	13.0	-	-	-	
SURINAME	1978	3.5	3.8	-	-	4.8	10.6	5.7	8.8	-	-	21.3	
TRINIDAD AND TOBAGO	1977	6.1	6.8	0.8	1.1	7.6	16.8	12.2	12.8	6.1	8.7	26.8	
UNITED STATES	1978	9.2	8.1	3.0	1.3	13.0	16.6	13.7	9.8	6.6	4.9	4.5	
URUGUAY	1978	2.0	1.6	0.4	0.2	2.2	2.7	2.2	4.6	3.4	1.1	-	
VENEZUELA	1978	9.1	9.1	0.5	0.5	16.0	21.0	12.8	12.3	10.4	7.3	8.5	
MALE													
ARGENTINA	1978	9.4	7.9	2.5	1.0	11.6	18.1	13.3	9.8	6.3	6.8	7.1	
BAHAMAS	1979	23.4	24.5	-	3.2	45.6	41.4	19.9	76.9	26.0	45.8	-	
BARBADOS	1978	4.7	4.8	-	-	3.7	6.6	19.5	10.0	9.7	-	-	
BELIZE	1979	-	-	-	-	-	-	-	-	-	-	-	
CANADA	1978	3.5	3.1	2.1	0.6	4.2	5.5	5.1	4.0	3.0	2.8	1.3	
CHILE	1979	4.1	3.7	1.1	0.2	4.6	5.9	5.6	7.6	5.4	6.9	9.4	
COLOMBIA	1977	40.1	43.1	2.0	1.7	55.1	107.4	87.7	65.9	49.6	31.6	26.2	
COSTA RICA	1979	6.2	6.1	-	0.4	11.1	10.6	17.8	4.1	10.9	11.7	26.6	
CUBA	1977	5.3	5.4	2.6	0.3	11.6	9.1	6.9	5.2	4.3	3.8	3.1	
DOMINICA	1978	5.2	2.2	-	-	-	-	-	-	-	-	-	
DOMINICAN REPUBLIC	1978	7.5	8.1	0.9	0.1	9.3	15.3	16.1	15.4	11.6	21.4	21.6	
ECUADOR	1978	10.3	11.0	0.7	1.1	23.2	23.9	23.9	18.5	15.6	14.7	33.0	
EL SALVADOR	1974	61.6	66.0	0.3	1.8	70.9	149.5	151.1	118.7	95.9	79.6	77.0	
GUATEMALA	1977	2.1	2.0	4.4	0.4	1.6	3.4	1.0	0.5	1.5	6.2	8.0	
HONDURAS	1978	1.0	1.0	2.5	-	0.6	0.9	1.4	1.5	3.0	3.0	9.3	
JAMAICA	1971	1.7	1.9	0.7	-	-	3.8	5.9	-	-	-	-	
MARTINIQUE	1975	5.4	6.4	-	-	-	-	-	3.3	-	-	-	
MEXICO	1976	29.4	32.7	5.1	1.9	33.5	62.2	67.7	16.7	11.1	60.9	50.0	
NICARAGUA	1977	53.5	59.5	1.0	0.8	73.9	151.1	100.8	96.0	104.5	44.1	97.5	
PANAMA	1974	5.4	5.6	-	0.5	6.1	3.9	19.7	10.3	12.9	5.3	19.9	
PARAGUAY (*)	1978	22.6	24.9	-	1.7	23.6	55.4	67.1	42.6	19.4	47.4	30.0	
PERU	1978	1.9	1.9	1.0	0.3	1.1	3.8	4.5	4.6	5.2	7.3	7.3	
PUERTO RICO	1977	25.8	24.7	0.5	1.0	36.0	56.9	57.0	29.1	24.1	8.7	25.0	
ST. VINCENT	1979	1.9	2.6	-	-	-	19.2	-	-	-	-	-	
SURINAME	1978	4.8	5.6	-	-	6.5	17.6	5.7	17.3	-	-	-	
TRINIDAD AND TOBAGO	1977	10.4	10.2	-	2.1	14.0	11.9	23.1	15.7	12.2	11.5	84.0	
UNITED STATES	1978	14.7	12.6	3.2	1.4	20.0	27.2	22.7	16.3	11.0	7.8	6.2	
URUGUAY	1978	3.0	2.6	0.7	-	-	4.0	4.4	7.0	6.2	-	-	
VENEZUELA	1978	16.5	16.6	0.5	0.6	29.3	40.2	23.6	21.2	19.0	11.7	20.0	
FEMALE													
ARGENTINA	1978	2.3	2.1	2.1	0.6	3.6	3.4	2.5	1.4	1.6	1.3	3.2	
BAHAMAS	1979	8.0	8.4	-	-	16.1	-	17.9	36.6	18.2	-	-	
BARBADOS	1978	2.2	2.0	-	3.4	-	-	8.2	-	-	-	19.4	
BELIZE	1979	-	-	-	-	-	-	-	-	-	-	-	
CANADA	1978	1.5	1.5	1.9	0.7	2.1	1.6	2.6	0.9	1.5	0.8	3.8	
CHILE	1979	0.9	0.8	1.2	0.3	0.5	1.3	0.5	1.1	0.6	2.2	3.3	
COLOMBIA	1977	3.7	3.7	1.4	0.8	5.6	6.9	5.7	4.3	3.8	4.8	6.8	
COSTA RICA	1979	1.2	1.1	-	0.7	2.0	1.9	1.0	1.4	-	-	7.5	
CUBA	1977	2.4	2.5	2.4	0.3	2.9	4.5	5.5	1.0	2.0	1.0	1.1	
DOMINICA	1978	-	-	-	-	-	-	-	-	-	-	-	
DOMINICAN REPUBLIC	1978	1.8	1.8	0.7	0.3	3.5	2.7	1.7	1.5	3.8	2.1	3.2	
ECUADOR	1978	1.8	1.8	0.3	0.2	3.3	3.2	2.9	2.5	1.8	4.5	-	
EL SALVADOR	1974	4.0	4.0	0.9	0.8	8.4	4.2	5.2	4.5	6.1	8.1	13.6	
GUATEMALA	1977	1.2	1.3	2.4	0.3	0.4	0.2	1.3	0.9	3.3	1.5	25.9	
HONDURAS	1978	1.3	1.2	4.0	0.4	0.3	-	0.7	1.0	-	-	21.4	
JAMAICA	1971	0.2	0.3	-	-	-	-	2.5	-	-	-	-	
MARTINIQUE	1975	0.6	0.6	-	-	-	-	-	7.7	-	-	-	
MEXICO	1976	2.8	3.0	1.5	0.8	3.7	3.7	5.0	4.2	6.4	7.4	9.2	
NICARAGUA	1977	7.4	7.8	-	1.4	12.1	12.8	11.9	13.3	12.9	21.6	13.2	
PANAMA	1974	0.4	0.4	0.8	-	-	-	2.8	-	-	-	-	
PARAGUAY (*)	1978	3.4	3.4	-	0.9	5.1	6.2	2.7	7.0	2.6	13.6	12.5	
PERU	1978	0.6	0.5	0.9	0.1	0.3	0.5	0.5	0.7	1.1	2.4	2.0	
PUERTO RICO	1977	3.9	3.6	1.1	1.1	4.1	8.3	6.1	4.2	3.7	1.4	4.3	
ST. VINCENT	1979	1.7	2.2	-	-	-	4.1	5.7	-	-	-	-	
SURINAME	1978	1.1	1.2	-	-	-	3.1	5.7	-	-	-	38.0	
TRINIDAD AND TOBAGO	1977	1.6	1.6	1.6	0.8	1.3	1.8	9.4	-	-	5.9	-	
UNITED STATES	1978	4.0	3.7	2.9	1.1	5.8	6.2	5.3	3.7	2.6	2.7	3.6	
URUGUAY	1978	0.8	0.5	-	-	0.4	1.6	-	2.3	0.7	2.1	-	
VENEZUELA	1978	1.7	1.7	0.6	0.5	2.5	2.8	2.1	3.1	1.9	3.3	-	

(\*) AREA OF INFORMATION ONLY.

Table II-6a  
 FIVE LEADING CAUSES OF DEATH (ICD-8th REVISION) WITH RATES PER 100,000 POPULATION, ALL AGES, BY  
 SEX AND COUNTRY

COUNTRY AND PRINCIPAL CAUSES	TOTAL			MALE			FEMALE					
	RANK ORDER	NUMBER	RATE	PER-CENT	RANK ORDER	NUMBER	RATE	PER-CENT	RANK ORDER	NUMBER	RATE	PER-CENT
ANTIGUA (1978)												
TOTAL DEATHS .....	-	402	543.2	100.0	-	205	582.4	100.0	-	197	507.7	100.0
CEREBROVASCULAR DISEASE (430-438) .....	1	72	97.3	17.9	1	36	102.3	17.6	1	36	92.8	18.3
DISEASES OF THE HEART (390-429) .....	2	64	86.5	15.9	2	34	96.6	16.6	2	30	77.3	15.2
MALIGNANT NEOPLASMS (140-209) .....	3	56	75.7	13.9	3	26	73.9	12.7	2	30	77.3	15.2
CAUSES OF PERINATAL MORTALITY (760-779) .....	4	28	37.8	7.0	5	16	45.5	7.8	4	12	30.9	6.1
ACCIDENTS (E800-E949, E980-E989) .....	5	23	31.1	5.7	4	20	56.8	9.8	-	3	7.7	1.5
DIABETES MELLITUS (250) .....	-	20	27.0	5.0	-	10	28.4	4.9	5	10	25.8	5.1
ARGENTINA (1978)												
TOTAL DEATHS .....	-	233482	684.0	100.0	-	134883	1022.9	100.0	-	98599	746.6	100.0
DISEASES OF THE HEART (390-429) .....	1	65278	247.3	28.0	1	37965	287.5	28.1	1	27313	206.8	27.7
MALIGNANT NEOPLASMS (140-209) .....	2	39631	150.2	17.0	2	22787	172.8	16.9	2	16844	127.5	17.1
CEREBROVASCULAR DISEASE (430-438) .....	3	22391	84.8	9.6	3	11676	88.5	8.7	3	10715	81.1	10.9
ACCIDENTS (E800-E949, E980-E989) .....	4	13898	52.7	6.0	4	10198	77.3	7.6	5	3700	28.0	3.8
CAUSES OF PERINATAL MORTALITY (760-779) .....	5	10276	38.9	4.4	5	5929	45.0	4.4	4	4347	32.9	4.4
BAHAMAS (1978)												
TOTAL DEATHS .....	-	1240	553.6	100.0	-	698	628.8	100.0	-	542	479.6	100.0
DISEASES OF THE HEART (390-429) .....	1	163	72.8	13.1	2	90	81.1	12.9	2	73	64.6	13.5
MALIGNANT NEOPLASMS (140-209) .....	2	158	70.5	12.7	3	79	71.2	11.3	1	79	69.9	14.6
ACCIDENTS (E800-E949, E980-E989) .....	3	134	59.8	10.8	1	91	82.0	13.0	5	43	38.1	7.9
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	4	127	56.7	10.2	4	78	70.3	11.2	4	49	43.4	9.0
CAUSES OF PERINATAL MORTALITY (760-779) .....	5	105	46.9	8.5	5	53	47.7	7.6	3	52	46.0	9.6
BARBADOS (1978)												
TOTAL DEATHS .....	-	2050	773.0	100.0	-	923	729.1	100.0	-	1127	813.1	100.0
DISEASES OF THE HEART (390-429) .....	1	460	173.5	22.4	1	200	158.0	21.7	1	260	187.6	23.1
MALIGNANT NEOPLASMS (140-209) .....	2	344	129.7	16.8	2	175	138.2	19.0	3	169	121.9	15.0
CEREBROVASCULAR DISEASE (430-438) .....	3	298	112.4	14.5	3	108	85.3	11.7	2	190	137.1	16.9
DIABETES MELLITUS (250) .....	4	113	42.6	5.5	-	27	21.3	2.9	4	86	62.0	7.6
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	5	105	39.6	5.1	5	53	41.9	5.7	5	52	37.5	4.6
ACCIDENTS (E800-E949, E980-E989) .....	-	95	35.8	4.6	4	63	49.8	6.8	-	32	23.1	2.8
BELIZE (1975)												
TOTAL DEATHS .....	-	723	516.4	100.0	-	371	529.1	100.0	-	352	503.7	100.0
DISEASES OF THE HEART (390-429) .....	1	111	79.3	15.4	1	58	82.7	15.6	1	53	75.8	15.1
ENTERITIS AND OTHER DIARRHEAL DISEASES (008, 009) .....	2	87	62.1	12.0	2	42	59.9	11.3	2	45	64.4	12.8
MALIGNANT NEOPLASMS (140-209) .....	3	55	39.3	7.6	5	23	32.8	6.2	3	32	45.8	9.1
CAUSES OF PERINATAL MORTALITY (760-779) .....	4	44	31.4	6.1	3	29	41.4	7.8	-	15	21.5	4.3
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	5	33	27.1	5.3	-	22	31.4	5.9	5	16	22.9	4.5
ACCIDENTS (E800-E949, E980-E989) .....	-	34	24.3	4.7	4	25	35.7	6.7	-	9	12.9	2.6
CEREBROVASCULAR DISEASE (430-438) .....	-	36	25.7	5.0	-	18	25.7	4.9	4	18	25.8	5.1
WHOOPING COUGH (033) .....	-	23	16.4	3.2	-	7	10.0	1.9	5	16	22.9	4.5
BERMUDA (1978)												
TOTAL DEATHS .....	-	362	624.1	100.0	-	205	706.4	100.0	-	157	541.8	100.0
DISEASES OF THE HEART (390-429) .....	1	113	194.8	31.2	1	64	220.5	31.2	1	49	169.1	31.2
MALIGNANT NEOPLASMS (140-209) .....	2	74	127.0	20.4	2	42	144.7	20.5	2	32	110.4	20.4
CEREBROVASCULAR DISEASE (430-438) .....	3	45	79.3	12.7	3	20	68.4	9.8	3	26	89.7	16.6
DIABETES MELLITUS (250) .....	4	22	37.9	6.1	5	9	31.0	4.4	4	13	44.9	8.3
ACCIDENTS (E800-E949, E980-E989) .....	5	17	29.5	4.7	4	15	51.7	7.3	-	2	6.9	1.3
CAUSES OF PERINATAL MORTALITY (760-779) .....	-	11	19.0	3.0	-	6	20.7	2.9	5	5	17.3	3.2

Table II-6a  
 FIVE LEADING CAUSES OF DEATH (ICD-8th REVISION) WITH RATES PER 100,000 POPULATION, ALL AGES, BY  
 SEX AND COUNTRY

COUNTRY AND PRINCIPAL CAUSES	TOTAL				MALE				FEMALE			
	RANK ORDER	NUMBER	RATE	PER-CENT	RANK ORDER	NUMBER	RATE	PER-CENT	RANK ORDER	NUMBER	RATE	PER-CENT
<b>CANADA (1978)</b>												
TOTAL DEATHS .....	-	168179	716.0	100.0	-	97115	831.6	100.0	-	71064	601.6	100.0
DISEASES OF THE HEART (390-429) .....	1	58086	247.3	34.5	1	33955	290.8	35.0	1	24131	204.3	34.0
MALIGNANT NEOPLASMS (140-209).....	2	37189	158.3	22.1	2	20845	178.5	21.5	2	16344	138.4	23.0
CEREBROVASCULAR DISEASE (430-438) ....	3	15183	64.6	9.0	4	7004	60.0	7.2	3	8179	69.2	11.5
ACCIDENTS (E800-E949, E980-E989) .....	4	12023	51.2	7.1	3	8424	72.1	8.7	4	3599	30.5	5.1
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	5	5131	21.8	3.1	5	2844	24.4	2.9	5	2287	19.4	3.2
<b>CAYMAN ISLANDS (1979)</b>												
TOTAL DEATHS .....	-	90	539.7	100.0	-	48	591.1	100.0	-	42	490.1	100.0
<b>CHILE (1979)</b>												
TOTAL DEATHS .....	-	74178	679.4	100.0	-	41119	760.5	100.0	-	33059	599.9	100.0
MALIGNANT NEOPLASMS (140-209).....	1	11237	102.9	15.1	2	5576	103.1	13.6	1	5661	102.7	17.1
DISEASES OF THE HEART (390-429) .....	2	10110	92.6	13.6	3	5274	97.5	12.8	2	4836	87.8	14.6
ACCIDENTS (E800-E949, E980-E989) .....	3	7280	66.7	9.8	1	5649	104.5	13.7	5	1631	29.6	4.9
CEREBROVASCULAR DISEASE (430-438) ....	4	6395	58.6	8.6	5	2958	54.7	7.2	3	3437	62.4	10.4
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	5	5639	51.7	7.6	4	2995	55.4	7.3	4	2644	48.0	8.0
<b>COLOMBIA (1977)</b>												
TOTAL DEATHS .....	-	145426	580.6	100.0	-	78948	640.7	100.0	-	66478	522.4	100.0
DISEASES OF THE HEART (390-429) .....	1	23739	94.8	16.3	1	12293	99.8	15.6	1	11446	89.9	17.2
MALIGNANT NEOPLASMS (140-209).....	2	13020	52.0	9.0	4	5996	48.7	7.6	2	7024	55.2	10.6
ACCIDENTS (E800-E949, E980-E989) .....	3	11400	45.5	7.8	2	8440	68.5	10.7	-	2960	23.3	4.5
ENTERITIS AND OTHER DIARRHEAL DISEASES (008, 009) .....	4	11375	45.4	7.8	3	6010	48.8	7.6	3	5365	42.2	8.1
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	5	10308	41.2	7.1	5	5343	43.4	6.8	4	4965	39.0	7.5
CEREBROVASCULAR DISEASE (430-438) ....	-	8625	34.4	5.9	-	3935	31.9	5.0	5	4690	36.9	7.1
<b>COSTA RICA (1979)</b>												
TOTAL DEATHS .....	-	9143	421.3	100.0	-	5294	483.8	100.0	-	3849	357.8	100.0
DISEASES OF THE HEART (390-429) .....	1	1526	70.3	16.7	1	874	79.9	16.5	2	652	60.6	16.9
MALIGNANT NEOPLASMS (140-209).....	2	1491	68.7	16.3	2	810	74.0	15.3	1	681	63.3	17.7
ACCIDENTS (E800-E949, E980-E989) .....	3	967	44.6	10.6	3	797	72.8	15.1	5	170	15.8	4.4
CAUSES OF PERINATAL MORTALITY(760-779)	4	590	27.2	6.5	4	360	32.9	6.8	4	230	21.4	6.0
CEREBROVASCULAR DISEASE (430-438) ....	5	550	25.3	6.0	5	256	23.4	4.8	3	294	27.3	7.6
<b>CUBA (1978)</b>												
TOTAL DEATHS .....	-	54949	567.1	100.0	-	31393	634.5	100.0	-	23556	496.8	100.0
DISEASES OF THE HEART (390-429) .....	1	16394	169.2	29.8	1	9400	190.0	29.9	1	6994	147.5	29.7
MALIGNANT NEOPLASMS (140-209).....	2	9623	99.3	17.5	2	5798	117.2	18.5	2	3825	80.7	16.2
ACCIDENTS (E800-E949, E980-E989) .....	3	6190	63.9	11.3	3	4051	81.9	12.9	4	2139	45.1	9.1
CEREBROVASCULAR DISEASE (430-438) ....	4	5194	53.6	9.5	4	2610	52.7	8.3	3	2584	54.5	11.0
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	5	4343	44.8	7.9	5	2425	49.0	7.7	5	1918	40.4	8.1
<b>DOMINICA (1978)</b>												
TOTAL DEATHS .....	-	417	513.0	100.0	-	204	529.9	100.0	-	212	495.3	100.0
DISEASES OF THE HEART (390-429) .....	1	99	121.8	23.7	1	34	88.3	16.7	1	65	151.9	30.7
MALIGNANT NEOPLASMS (140-209).....	2	54	66.4	12.9	2	27	70.1	13.2	2	27	63.1	12.7
CEREBROVASCULAR DISEASE (430-438) ....	3	32	39.4	7.7	3	17	44.2	8.3	3	15	35.0	7.1
CAUSES OF PERINATAL MORTALITY(760-779)	4	24	29.5	5.8	4	11	28.6	5.4	4	12	28.0	5.7
ENTERITIS AND OTHER DIARRHEAL DISEASES (008, 009) .....	5	17	20.9	4.1	-	8	20.8	3.9	5	9	21.0	4.2
ACCIDENTS (E800-E949, E980-E989) .....	-	16	19.7	3.8	4	11	28.6	5.4	-	5	11.7	2.4

Table II-6a  
 FIVE LEADING CAUSES OF DEATH (ICD-8th REVISION) WITH RATES PER 100,000 POPULATION, ALL AGES, BY  
 SEX AND COUNTRY

COUNTRY AND PRINCIPAL CAUSES	TOTAL			MALE			FEMALE					
	RANK ORDER	NUMBER	RATE	PER- CENT	RANK ORDER	NUMBER	RATE	PER- CENT	RANK ORDER	NUMBER	RATE	PER- CENT
DOMINICAN REPUBLIC (1978) TOTAL DEATHS .....	-	23127	451.3	100.0	-	12547	494.6	100.0	-	10480	408.2	100.0
DISEASES OF THE HEART (390-429) .....	1	2138	41.7	9.2	1	1181	46.2	9.3	1	957	37.3	9.1
CAUSES OF PERINATAL MORTALITY(760-779)	2	1697	33.1	7.3	3	970	34.8	7.0	2	807	31.4	7.7
ENTERITIS AND OTHER DIARRHEAL DISEASES (008, 009) .....	3	1492	29.1	6.5	4	776	30.4	6.1	3	716	27.9	6.8
ACCIDENTS (E800-E949, E980-E989) .....	4	1345	26.2	5.8	2	1007	39.4	8.0	-	338	13.2	3.2
MALIGNANT NEOPLASMS (140-209).....	5	1121	21.9	4.8	5	570	22.3	4.9	4	551	21.5	5.3
CEREBROVASCULAR DISEASE (430-438) ....	-	939	18.3	4.1	-	485	19.0	3.8	5	454	17.7	4.3
ECUADOR (1978) TOTAL DEATHS' .....	-	56601	716.5	100.0	-	30147	757.6	100.0	-	26454	674.7	100.0
ENTERITIS AND OTHER DIARRHEAL DISEASES (008, 009) .....	1	6892	87.2	12.2	1	3571	89.7	11.8	1	3321	84.7	12.6
DISEASES OF THE HEART (390-429) .....	2	4881	61.8	8.6	3	2407	60.5	8.0	2	2474	63.1	9.4
ACCIDENTS (E800-E949, E980-E989) .....	3	4614	58.4	8.2	2	3458	86.9	11.5	-	1156	29.5	4.4
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	4	4602	58.3	8.1	4	2381	59.8	7.9	3	2221	56.6	8.4
BRONCHITIS, EMPHYSEMA AND ASTHMA (490-493) .....	5	3575	45.3	6.3	5	1849	46.5	6.1	4	1726	44.0	6.5
MALIGNANT NEOPLASMS (140-209).....	-	2815	35.6	5.0	-	1283	32.2	4.3	5	1532	39.1	5.8
EL SALVADOR (1974) TOTAL DEATHS .....	-	30533	785.5	100.0	-	17132	875.4	100.0	-	13401	694.4	100.0
ENTERITIS AND OTHER DIARRHEAL DISEASES (008, 009) .....	1	4072	104.8	13.3	1	2191	111.9	12.8	1	1881	97.5	14.0
ACCIDENTS (E800-E949, E980-E989) .....	2	1835	47.2	6.0	2	1414	72.2	8.3	-	421	21.8	3.1
CAUSES OF PERINATAL MORTALITY(760-779)	3	1366	35.1	4.5	4	784	40.1	4.6	3	582	30.2	4.3
HOMICIDE, LEGAL INTERVENTION AND OPER- ATIONS OF WAR (E960-E978, E990-E999)	4	1283	33.0	4.2	3	1206	61.6	7.0	-	77	4.0	0.6
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	5	1257	32.3	4.1	5	629	32.1	3.7	2	628	32.5	4.7
BRONCHITIS, EMPHYSEMA AND ASTHMA (490-493) .....	-	1089	28.0	3.6	-	553	28.3	3.2	4	536	27.8	4.0
DISEASES OF THE HEART (390-429) .....	-	1008	25.9	3.3	-	519	26.5	3.0	5	489	25.3	3.6
FALKLAND ISLANDS (1977) TOTAL DEATHS .....	-	27	1350.0	100.0	-	16	1454.5	100.0	-	11	1222.2	100.0
FRENCH GUIANA (1978) TOTAL DEATHS .....	-	467	778.3	100.0	-	290	906.3	100.0	-	177	632.1	100.0
CEREBROVASCULAR DISEASE (430-438) ....	1	58	96.7	12.4	2	32	100.0	11.0	1	26	92.9	14.7
MALIGNANT NEOPLASMS (140-209).....	2	52	86.7	11.1	2	32	100.0	11.0	2	20	71.4	11.3
ACCIDENTS (E800-E949, E980-E989) .....	3	49	81.7	10.5	1	41	128.1	14.1	4	8	28.6	4.5
DISEASES OF THE HEART (390-429) .....	4	36	60.0	7.7	4	19	59.4	6.6	3	17	60.7	9.6
CAUSES OF PERINATAL MORTALITY(760-779)	5	26	43.3	5.6	4	19	59.4	6.6	5	7	25.0	4.0
GRENADA (1978) TOTAL DEATHS .....	-	765	695.5	100.0	-	365	709.7	100.0	-	400	682.9	100.0
DISEASES OF THE HEART (390-429) .....	1	180	163.6	23.5	1	75	145.8	20.5	1	105	179.3	26.3
CEREBROVASCULAR DISEASE (430-438) ....	2	70	63.6	9.2	2	26	50.6	7.1	2	44	75.1	11.0
MALIGNANT NEOPLASMS (140-209).....	3	66	60.0	8.6	4	25	48.6	6.8	3	41	70.0	10.3
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	4	48	43.6	6.3	2	26	50.6	7.1	4	22	37.6	5.5
ENTERITIS AND OTHER DIARRHEAL DISEASES (008, 009) .....	5	38	34.5	5.0	5	17	33.1	4.7	5	21	35.9	5.3
GUADELOUPE (1978) TOTAL DEATHS .....	-	2036	636.3	100.0	-	1089	693.6	100.0	-	947	581.0	100.0
DISEASES OF THE HEART (390-429) .....	1	413	129.1	20.3	1	180	114.6	16.5	1	233	142.9	24.6
MALIGNANT NEOPLASMS (140-209).....	2	256	80.0	12.6	3	144	91.7	13.2	2	112	68.7	11.8
ACCIDENTS (E800-E949, E980-E989) .....	3	183	57.2	9.0	2	152	96.8	14.0	5	31	19.0	3.3
CEREBROVASCULAR DISEASE (430-438) ....	4	161	50.3	7.9	4	75	47.8	6.9	3	86	52.8	9.1
CIRRHOSIS OF LIVER (571).....	5	85	26.6	4.2	5	56	35.7	5.1	-	29	17.8	3.1
DIABETES MELLITUS (250) .....	-	72	22.5	3.5	-	25	15.9	2.3	4	47	28.8	5.0

Table II-6a  
 FIVE LEADING CAUSES OF DEATH (ICD-8th REVISION) WITH RATES PER 100,000 POPULATION, ALL AGES, BY  
 SEX AND COUNTRY

COUNTRY AND PRINCIPAL CAUSES	TOTAL			MALE			FEMALE					
	RANK ORDER	NUMBER	RATE	PER-CENT	RANK ORDER	NUMBER	RATE	PER-CENT	RANK ORDER	NUMBER	RATE	PER-CENT
<b>GUATEMALA (1978)</b>												
TOTAL DEATHS .....	-	63993	935.6	100.0	-	35727	1024.7	100.0	-	28471	844.1	100.0
ENTERITIS AND OTHER DIARRHEAL DISEASES (008, 009) .....	1	11343	165.8	17.7	1	6702	174.8	17.1	1	5281	156.6	18.5
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	2	9199	134.5	14.4	2	4346	139.8	13.6	2	4353	129.1	15.3
CAUSES OF PERINATAL MORTALITY (760-779) .....	3	5993	87.6	9.4	4	3434	94.0	9.7	3	2559	75.9	9.0
ACCIDENTS (E800-E949, E980-E989) .....	4	4525	66.2	7.1	3	3722	107.4	10.5	-	803	23.8	2.8
DISEASES OF THE HEART (390-429) .....	5	2406	35.2	3.8	5	1205	34.8	3.4	4	1201	35.6	4.2
MALIGNANT NEOPLASMS (140-209) .....	-	1882	27.5	2.9	-	942	24.3	2.4	5	1040	30.8	3.7
<b>GUYANA (1977)</b>												
TOTAL DEATHS .....	-	5883	726.3	100.0	-	3251	808.7	100.0	-	2632	645.1	100.0
DISEASES OF THE HEART (390-429) .....	1	1014	125.2	17.2	1	559	139.1	17.2	1	455	111.5	17.3
CEREBROVASCULAR DISEASE (430-438) .....	2	676	83.5	11.5	3	344	85.6	10.6	2	332	81.4	12.6
ACCIDENTS (E800-E949, E980-E989) .....	3	499	61.6	8.5	2	387	96.3	11.9	-	112	27.5	4.3
ENTERITIS AND OTHER DIARRHEAL DISEASES (008, 009) .....	4	477	58.9	8.1	4	263	65.4	8.1	3	214	52.5	8.1
CAUSES OF PERINATAL MORTALITY (760-779) .....	5	409	50.5	7.0	5	216	53.7	6.6	4	193	47.3	7.3
MALIGNANT NEOPLASMS (140-209) .....	-	327	40.4	5.6	-	152	37.8	4.7	5	175	42.9	6.6
<b>HONDURAS (1978)</b>												
TOTAL DEATHS .....	-	18127	527.1	100.0	-	9873	572.3	100.0	-	8254	481.6	100.0
ENTERITIS AND OTHER DIARRHEAL DISEASES (008, 009) .....	1	1696	49.3	9.4	2	924	53.6	9.4	1	772	45.0	9.4
DISEASES OF THE HEART (390-429) .....	2	1616	47.0	8.9	3	859	49.8	8.7	2	757	44.2	9.2
HOMICIDE, LEGAL INTERVENTION AND OPERATIONS OF WAR (E960-E978, E990-E999) .....	3	1302	37.9	7.2	1	1075	62.3	10.9	-	227	13.2	2.8
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	4	681	19.8	3.8	5	385	22.3	3.9	4	296	17.3	3.6
CAUSES OF PERINATAL MORTALITY (760-779) .....	5	604	17.6	3.3	-	315	18.3	3.2	5	289	16.9	3.5
ACCIDENTS (E800-E949, E980-E989) .....	-	584	17.0	3.2	4	499	28.9	5.1	-	85	5.0	1.0
MALIGNANT NEOPLASMS (140-209) .....	-	511	14.9	2.8	-	198	11.5	2.0	3	313	18.3	3.8
<b>JAMAICA (1971)</b>												
TOTAL DEATHS .....	-	14437	759.8	100.0	-	7472	799.4	100.0	-	6965	721.5	100.0
DISEASES OF THE HEART (390-429) .....	1	2501	131.6	17.3	1	1281	137.0	17.1	2	1220	126.4	17.5
CEREBROVASCULAR DISEASE (430-438) .....	2	2200	115.8	15.2	2	944	101.0	12.6	1	1256	130.1	18.0
MALIGNANT NEOPLASMS (140-209) .....	3	1583	83.3	11.0	3	785	84.0	10.5	3	798	82.7	11.5
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	4	954	50.2	6.6	4	494	52.9	6.6	4	460	47.7	6.6
ENTERITIS AND OTHER DIARRHEAL DISEASES (008, 009) .....	5	688	36.2	4.8	-	388	41.5	5.2	-	300	31.1	4.3
ACCIDENTS (E800-E949, E980-E989) .....	-	549	28.9	3.8	5	422	45.1	5.6	-	127	13.2	1.8
DIABETES MELLITUS (250) .....	-	593	31.2	4.1	-	236	25.2	3.2	5	357	37.0	5.1
<b>MARTINIQUE (1975)</b>												
TOTAL DEATHS .....	-	2190	684.4	100.0	-	1191	768.4	100.0	-	999	605.5	100.0
DISEASES OF THE HEART (390-429) .....	1	346	108.1	15.8	2	138	89.0	11.6	1	208	126.1	20.8
MALIGNANT NEOPLASMS (140-209) .....	2	294	91.9	13.4	1	179	115.5	15.0	2	115	69.7	11.5
CEREBROVASCULAR DISEASE (430-438) .....	3	157	49.1	7.2	5	68	43.9	5.7	3	89	53.9	8.9
MENTAL DISORDERS (290-315) .....	4	152	47.5	6.9	3	112	72.3	9.4	5	40	24.2	4.0
ACCIDENTS (E800-E949, E980-E989) .....	5	115	35.9	5.3	4	78	50.3	6.5	-	37	22.4	3.7
DIABETES MELLITUS (250) .....	-	81	25.3	3.7	-	32	20.6	2.7	4	49	29.7	4.9



Table II-6a  
 FIVE LEADING CAUSES OF DEATH (ICD-8th REVISION) WITH RATES PER 100,000 POPULATION, ALL AGES, BY  
 SEX AND COUNTRY

COUNTRY AND PRINCIPAL CAUSES	TOTAL				MALE				FEMALE			
	RANK ORDER	NUMBER	RATE	PER- CENT	RANK ORDER	NUMBER	RATE	PER- CENT	RANK ORDER	NUMBER	RATE	PER- CENT
<b>MEXICO (1976)</b>												
TOTAL DEATHS .....	-	455660	731.1	100.0	-	252563	802.6	100.0	-	201549	653.0	100.0
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	1	61096	98.0	13.4	2	32563	103.5	12.7	1	28379	92.0	14.1
ENTERITIS AND OTHER DIARRHEAL DISEASES (008, 009) .....	2	51235	82.2	11.2	3	26931	85.6	10.7	2	24172	78.3	12.0
DISEASES OF THE HEART (390-429) .....	3	48296	77.5	10.6	4	24198	76.9	9.6	3	23973	77.7	11.9
ACCIDENTS (E800-E949, E980-E989) .....	4	42307	67.9	9.3	1	32584	103.6	12.9	5	9507	30.8	4.7
MALIGNANT NEOPLASMS (140-209) .....	5	22635	36.3	5.0	-	9845	31.3	3.9	4	12756	41.3	6.3
CAUSES OF PERINATAL MORTALITY (760-779)	-	22578	36.2	5.0	5	13300	42.3	5.3	-	9181	29.7	4.6
<b>MONTSERRAT (1979)</b>												
TOTAL DEATHS .....	-	110	1000.0	100.0	-	59	1134.6	100.0	-	51	879.3	100.0
CEREBROVASCULAR DISEASE (430-438) .....	1	20	181.8	18.2	5	4	76.9	6.8	1	16	275.9	31.4
DISEASES OF THE HEART (390-429) .....	2	19	172.7	17.3	1	11	211.5	18.6	2	8	137.9	15.7
MALIGNANT NEOPLASMS (140-209) .....	3	13	118.2	11.8	2	8	153.8	13.0	4	5	86.2	9.8
DIABETES MELLITUS (250) .....	4	9	81.8	8.2	-	3	57.7	5.1	3	6	103.4	11.8
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	5	7	63.6	6.4	3	6	115.4	10.2	-	1	17.2	2.0
BRONCHITIS, EMPHYSEMA AND ASTHMA (490-493) .....	-	6	54.5	5.5	4	5	96.2	8.5	-	1	17.2	2.0
CAUSES OF PERINATAL MORTALITY (760-779)	-	5	45.5	4.5	5	4	76.9	6.8	-	1	17.2	2.0
ACCIDENTS (E800-E949, E980-E989) .....	-	4	36.4	3.6	-	-	-	-	5	4	69.0	7.8
<b>NICARAGUA (1977)</b>												
TOTAL DEATHS .....	-	12492	540.3	100.0	-	7012	618.5	100.0	-	5480	465.1	100.0
ENTERITIS AND OTHER DIARRHEAL DISEASES (008, 009) .....	1	1702	73.6	13.6	1	973	85.8	13.9	1	729	61.9	13.3
DISEASES OF THE HEART (390-429) .....	2	1404	60.7	11.2	3	681	60.1	9.7	2	723	61.4	13.2
ACCIDENTS (E800-E949, E980-E989) .....	3	932	40.3	7.5	2	755	66.6	10.8	-	177	15.0	3.2
MURDER, LEGAL INTERVENTION AND OPER- ATIONS OF WAR (E960-E978, E990-E999)	4	693	30.0	5.5	4	606	53.5	8.6	-	87	7.4	1.6
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	5	506	21.9	4.1	5	279	24.6	4.0	4	227	19.3	4.1
MALIGNANT NEOPLASMS (140-209) .....	-	395	17.1	3.2	-	133	11.7	1.9	3	262	22.2	4.8
CEREBROVASCULAR DISEASE (430-438) .....	-	441	19.1	3.5	-	214	18.9	3.1	4	227	19.3	4.1
<b>PANAMA (1976)</b>												
TOTAL DEATHS .....	-	9015	570.6	100.0	-	5065	632.5	100.0	-	3950	506.9	100.0
DISEASES OF THE HEART (390-429) .....	1	1107	70.1	12.3	1	615	76.8	12.1	1	492	63.1	12.5
ACCIDENTS (E800-E949, E980-E989) .....	2	793	50.2	8.8	2	609	76.1	12.0	-	184	23.6	4.7
MALIGNANT NEOPLASMS (140-209) .....	3	701	44.4	7.8	3	394	49.2	7.8	2	307	39.4	7.8
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	4	657	41.6	7.3	4	352	44.0	6.9	3	305	39.1	7.7
CEREBROVASCULAR DISEASE (430-438) .....	5	611	38.7	6.8	5	327	40.8	6.5	4	284	36.4	7.2
ENTERITIS AND OTHER DIARRHEAL DISEASES (008, 009) .....	-	500	31.6	5.5	-	268	33.5	5.3	5	232	29.8	5.9
<b>PARAGUAY (AREA OF INFORMATION) (1978)</b>												
TOTAL DEATHS .....	-	13015	787.8	100.0	-	6724	816.0	100.0	-	6291	759.8	100.0
DISEASES OF THE HEART (390-429) .....	1	1625	98.4	12.5	2	800	97.1	11.9	1	825	99.6	13.1
ENTERITIS AND OTHER DIARRHEAL DISEASES (008, 009) .....	2	1591	96.3	12.2	1	836	101.5	12.4	2	755	91.2	12.0
CEREBROVASCULAR DISEASE (430-438) .....	3	1015	61.4	7.8	4	460	55.8	6.8	3	555	67.0	8.8
MALIGNANT NEOPLASMS (140-209) .....	4	921	55.8	7.1	-	395	47.9	5.9	4	526	63.5	8.4
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	5	897	54.3	6.9	5	458	55.6	6.8	5	439	53.0	7.0
ACCIDENTS (E800-E949, E980-E989) .....	-	672	40.7	5.2	3	500	60.7	7.4	-	172	20.8	2.7

Table II-6a  
 FIVE LEADING CAUSES OF DEATH (ICD-8th REVISION) WITH RATES PER 100,000 POPULATION, ALL AGES, BY  
 SEX AND COUNTRY

COUNTRY AND PRINCIPAL CAUSES	TOTAL				MALE				FEMALE			
	RANK ORDER	NUMBER	RATE	PER- CENT	RANK ORDER	NUMBER	RATE	PER- CENT	RANK ORDER	NUMBER	RATE	PER- CENT
PERU (1978)												
TOTAL DEATHS .....	-	81806	486.4	100.0	-	42439	503.4	100.0	-	39367	469.3	100.0
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	1	12912	76.8	15.8	1	6646	78.8	15.7	1	6266	74.7	15.9
ENTERITIS AND OTHER DIARRHEAL DISEASES (008, 009) .....	2	9340	55.5	11.4	2	4776	56.6	11.3	2	4564	54.4	11.6
MALIGNANT NEOPLASMS (140-209) .....	3	5722	34.6	7.0	5	2585	30.7	6.1	3	3137	37.4	8.0
DISEASES OF THE HEART (390-429) .....	4	5336	31.7	6.5	4	2628	31.2	6.2	4	2708	32.3	6.9
ACCIDENTS (E800-E949, E980-E989) .....	5	4190	24.9	5.1	3	3037	36.0	7.2	-	1153	13.7	2.9
TUBERCULOSIS (010-019) .....	-	4053	24.1	5.0	-	2255	26.7	5.3	5	1798	21.4	4.6
PUERTO RICO (1977)												
TOTAL DEATHS .....	-	19895	559.2	100.0	-	11554	710.1	100.0	-	8341	492.7	100.0
DISEASES OF THE HEART (390-429) .....	1	5438	163.8	27.3	1	2541	180.8	25.5	1	2497	147.5	29.9
MALIGNANT NEOPLASMS (140-209) .....	2	3068	92.4	15.4	2	1812	111.4	15.7	2	1256	74.2	15.1
CEREBROVASCULAR DISEASE (430-438) .....	3	1716	51.7	8.6	4	835	51.3	7.2	3	881	52.0	10.6
ACCIDENTS (E800-E949, E980-E989) .....	4	1109	33.4	5.6	3	896	54.5	7.7	-	223	13.2	2.7
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	5	996	30.0	5.0	5	551	33.7	4.8	4	445	25.3	5.3
CAUSES OF PERINATAL MORTALITY (760-779) .....	-	843	25.4	4.2	-	515	31.7	4.5	5	328	19.4	3.9
ST. KITTS AND NEVIS (1978)												
TOTAL DEATHS .....	-	466	962.8	100.0	-	206	503.5	100.0	-	260	1015.6	100.0
DISEASES OF THE HEART (390-429) .....	1	92	190.1	19.7	1	39	171.1	18.9	1	53	207.0	20.4
CEREBROVASCULAR DISEASE (430-438) .....	2	88	181.3	18.9	2	38	166.7	18.4	2	50	195.3	19.2
MALIGNANT NEOPLASMS (140-209) .....	3	37	80.6	8.4	4	17	74.6	8.3	3	22	35.9	3.5
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	4	30	62.0	6.4	3	19	83.3	9.2	-	11	43.0	4.2
AVITAMINOSES AND OTHER NUTRITIONAL DEFICIENCY (260-264) .....	5	23	47.5	4.9	-	9	39.5	4.4	5	14	54.7	5.4
CAUSES OF PERINATAL MORTALITY (760-779) .....	-	19	35.3	4.1	5	11	48.2	5.3	-	8	31.3	3.1
DIABETES MELLITUS (250) .....	-	19	39.3	4.1	-	4	17.5	1.7	4	15	58.6	5.8
ST. LUCIA (1978)												
TOTAL DEATHS .....	-	790	658.3	100.0	-	403	711.0	100.0	-	387	611.2	100.0
DISEASES OF THE HEART (390-429) .....	1	134	111.7	17.0	1	64	112.9	15.9	1	70	110.6	18.1
CEREBROVASCULAR DISEASE (430-438) .....	2	114	95.0	14.4	2	56	98.8	13.9	2	58	91.6	15.0
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	3	63	52.5	8.0	3	33	58.2	8.2	3	30	47.4	7.8
BENIGN NEOPLASMS AND NEOPLASMS OF UNSPECIFIED NATURE (210-239) .....	4	40	33.3	5.1	-	16	28.2	4.0	4	24	37.9	5.2
MALIGNANT NEOPLASMS (140-209) .....	5	39	32.5	4.9	-	16	28.2	4.0	5	23	36.3	5.5
CAUSES OF PERINATAL MORTALITY (760-779) .....	-	32	26.7	4.1	4	21	37.0	5.2	-	11	17.4	2.8
ACCIDENTS (E800-E949, E980-E989) .....	-	33	27.5	4.2	4	21	37.0	5.2	-	12	19.0	3.1
ST. PIEKRE AND MIQUELON (1976)												
TOTAL DEATHS .....	-	33	660.0	100.0	-	21	850.2	100.0	-	12	474.3	100.0
ST. VINCENT (1979)												
TOTAL DEATHS .....	-	693	611.1	100.0	-	327	613.5	100.0	-	366	609.0	100.0
DISEASES OF THE HEART (390-429) .....	1	168	148.1	24.2	1	69	129.5	21.1	1	99	164.7	27.0
CAUSES OF PERINATAL MORTALITY (760-779) .....	2	60	52.9	8.7	2	36	67.5	11.0	4	24	39.9	6.6
MALIGNANT NEOPLASMS (140-209) .....	3	52	45.9	7.5	4	25	46.9	7.6	2	27	44.9	7.4
ENTERITIS AND OTHER DIARRHEAL DISEASES (008, 009) .....	4	37	32.6	5.3	5	19	35.6	5.8	5	18	30.0	4.9
DIABETES MELLITUS (250) .....	5	34	30.0	4.9	-	7	13.1	2.1	2	27	44.9	7.4
ACCIDENTS (E800-E949, E980-E989) .....	5	34	30.0	4.9	3	27	50.7	8.3	-	7	11.6	1.9

Table II-6a  
 FIVE LEADING CAUSES OF DEATH (ICD-8th REVISION) WITH RATES PER 100,000 POPULATION, ALL AGES, BY  
 SEX AND COUNTRY

COUNTRY AND PRINCIPAL CAUSES	TOTAL				MALE				FEMALE			
	RANK ORDER	NUMBER	RATE	PER- CENT	RANK ORDER	NUMBER	RATE	PER- CENT	RANK ORDER	NUMBER	RATE	PER- CENT
<b>SURINAME (1978)</b>												
TOTAL DEATHS .....	-	2730	729.9	100.0	-	1533	821.0	100.0	-	1197	639.1	100.0
DISEASES OF THE HEART (390-429) .....	1	404	108.0	14.8	1	232	124.3	15.1	1	172	71.8	14.4
CAUSES OF PERINATAL MORTALITY (750-779) .....	2	263	70.3	9.6	2	142	76.0	9.3	2	121	54.6	10.1
MALIGNANT NEOPLASMS (140-209) .....	3	162	43.3	5.9	4	77	41.2	5.0	3	85	35.4	7.1
ACCIDENTS (E800-E949, E980-E989) .....	4	160	42.8	5.9	3	130	69.6	8.5	-	30	16.0	2.5
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	5	111	29.7	4.1	-	51	27.3	3.3	4	60	32.0	5.0
CEREBROVASCULAR DISEASE (430-438) .....	-	94	25.1	3.4	5	64	34.3	4.2	-	30	15.0	2.5
DIABETES MELLITUS (250) .....	-	61	16.3	2.2	-	28	15.0	1.8	5	33	17.6	2.8
<b>TRINIDAD AND TOBAGO (1977)</b>												
TOTAL DEATHS .....	-	7311	653.6	100.0	-	4009	704.9	100.0	-	3302	600.5	100.0
DISEASES OF THE HEART (390-429) .....	1	1816	162.3	24.8	1	993	172.8	24.5	1	833	151.5	25.2
CEREBROVASCULAR DISEASE (430-438) .....	2	917	82.0	12.5	2	452	79.5	11.3	2	465	84.6	14.1
MALIGNANT NEOPLASMS (140-209) .....	3	673	60.2	9.2	4	339	59.6	8.5	3	334	60.7	10.1
DIABETES MELLITUS (250) .....	4	544	48.6	7.4	5	223	39.2	5.6	4	321	58.4	9.7
ACCIDENTS (E800-E949, E980-E989) .....	5	494	44.2	6.8	3	371	65.2	9.3	-	123	22.4	3.7
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	-	343	31.1	4.8	-	185	32.5	4.6	5	163	29.6	4.9
<b>TURKS AND CAICOS ISLANDS (1973)</b>												
TOTAL DEATHS .....	-	52	866.7	100.0	-	...	...	...	-	...	...	...
<b>UNITED STATES (1978)</b>												
TOTAL DEATHS .....	-	1927788	868.0	100.0	-	1055290	977.1	100.0	-	872498	764.7	100.0
DISEASES OF THE HEART (390-429) .....	1	735000	330.9	38.1	1	400852	371.2	38.0	1	334148	292.9	38.3
MALIGNANT NEOPLASMS (140-209) .....	2	396992	178.7	20.6	2	215997	200.0	20.5	2	180995	158.0	20.7
CEREBROVASCULAR DISEASE (430-438) .....	3	175629	79.1	9.1	4	73648	68.2	7.0	3	101981	89.4	11.7
ACCIDENTS (E800-E949, E980-E989) .....	4	109705	49.4	5.7	3	76734	71.0	7.3	4	32971	28.9	3.8
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	5	58319	26.3	3.0	5	30796	28.5	2.9	5	27523	24.1	3.2
<b>URUGUAY (1978)</b>												
TOTAL DEATHS .....	-	28041	579.1	100.0	-	15608	1112.1	100.0	-	12425	850.7	100.0
DISEASES OF THE HEART (390-429) .....	1	6802	237.5	24.3	1	3872	275.9	24.8	1	2930	200.6	23.6
MALIGNANT NEOPLASMS (140-209) .....	2	5993	209.3	21.4	2	3522	250.9	22.6	2	2471	169.2	19.9
CEREBROVASCULAR DISEASE (430-438) .....	3	3430	119.8	12.2	3	1500	106.9	9.6	3	1930	132.1	15.5
ACCIDENTS (E800-E949, E980-E989) .....	4	1262	44.1	4.5	4	836	59.6	5.4	5	423	29.0	3.4
CAUSES OF PERINATAL MORTALITY (760-779) .....	5	1075	37.5	3.3	5	627	44.7	4.0	4	445	30.5	3.6
<b>VENEZUELA (1978)</b>												
TOTAL DEATHS .....	-	72470	552.3	100.0	-	41197	627.0	100.0	-	31273	477.3	100.0
DISEASES OF THE HEART (390-429) .....	1	10827	82.5	14.9	2	6020	91.6	14.6	1	4807	73.4	15.4
ACCIDENTS (E800-E949, E980-E989) .....	2	8573	65.3	11.8	1	6717	102.2	16.3	-	1856	28.3	5.9
MALIGNANT NEOPLASMS (140-209) .....	3	7009	53.4	9.7	3	3314	50.4	8.0	2	3695	56.4	11.8
CAUSES OF PERINATAL MORTALITY (760-779) .....	4	5308	40.5	7.3	4	3097	47.1	7.5	3	2211	33.7	7.1
CEREBROVASCULAR DISEASE (430-438) .....	5	4223	32.2	5.8	-	2051	31.2	5.0	4	2172	33.2	6.9
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	-	4170	31.8	5.8	5	2193	33.2	5.3	5	1987	30.3	6.4
<b>VIRGIN ISLANDS (VI) (1976)</b>												
TOTAL DEATHS .....	-	59	491.7	100.0	-	34	533.8	100.0	-	25	444.8	100.0

Table II-6b  
 FIVE LEADING CAUSES OF DEATH (ICD-8th REVISION) WITH RATES PER 100,000 LIVE BIRTHS, CHILDREN  
 UNDER 1 YEAR, BY SEX AND COUNTRY

COUNTRY AND PRINCIPAL CAUSES	TOTAL			MALE			FEMALE					
	RANK ORDER	NUMBER	RATE	PER-CENT	RANK ORDER	NUMBER	RATE	PER-CENT	RANK ORDER	NUMBER	RATE	PER-CENT
ANTIGUA (1978) TOTAL DEATHS .....	-	30	2235.5	100.0	-	15	2222.2	100.0	-	15	2248.9	100.0
ARGENTINA (1978) TOTAL DEATHS .....	-	27113	4077.1	100.0	-	15088	4360.7	100.0	-	12025	3769.6	100.0
CAUSES OF PERINATAL MORTALITY(760-779)	1	10035	1509.0	37.0	1	5782	1671.1	38.3	1	4253	1333.2	35.4
ENTERITIS AND OTHER DIARRHEAL DISEASES (008, 009) .....	2	2623	354.4	9.7	2	1410	407.5	9.3	2	1213	330.3	10.1
CONGENITAL ANOMALIES (740-759).....	3	2331	350.5	8.6	4	1237	357.5	8.2	3	1094	342.9	9.1
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	4	2295	345.1	8.5	3	1257	363.3	8.3	4	1038	325.4	8.6
AVITAMINOSES AND OTHER NUTRITIONAL DEFICIENCY (260-269) ...	5	1050	157.9	3.9	5	555	160.4	3.7	5	495	155.2	4.1
BAHAMAS (1978) TOTAL DEATHS .....	-	193	3572.8	100.0	-	109	3947.8	100.0	-	84	3110.0	100.0
CAUSES OF PERINATAL MORTALITY(760-779)	1	105	1943.7	54.4	1	53	1919.6	48.6	1	52	1925.2	61.9
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	2	24	444.3	12.4	2	16	579.5	14.7	3	8	296.2	9.5
CONGENITAL ANOMALIES (740-759).....	3	23	425.8	11.9	3	13	470.8	11.9	2	10	370.2	11.9
ENTERITIS AND OTHER DIARRHEAL DISEASES (008, 009) .....	4	20	370.2	10.4	3	13	470.8	11.9	4	7	259.2	8.3
ACCIDENTS (E800-E949, E980-E989) .....	5	7	129.6	3.6	5	4	144.9	3.7	5	3	111.1	3.6
BARBADOS (1978) TOTAL DEATHS .....	-	125	2888.8	100.0	-	70	3156.0	100.0	-	55	2607.9	100.0
CAUSES OF PERINATAL MORTALITY(760-779)	1	60	1386.6	48.0	1	34	1532.9	48.6	1	26	1232.8	47.3
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	2	20	462.2	16.0	2	13	586.1	18.6	3	7	331.9	12.7
CONGENITAL ANOMALIES (740-759).....	3	15	346.7	12.0	3	7	315.6	10.0	2	8	379.3	14.5
ACCIDENTS (E800-E949, E980-E989) .....	4	4	92.4	3.2	-	-	-	-	4	4	189.7	7.3
AVITAMINOSES AND OTHER NUTRITIONAL DEFICIENCY (260-269) ...	5	3	69.3	2.4	4	2	90.2	2.9	5	1	47.4	1.8
ENTERITIS AND OTHER DIARRHEAL DISEASES (008, 009) .....	-	2	46.2	1.6	5	1	45.1	1.4	5	1	47.4	1.8
MALIGNANT NEOPLASMS (140-209).....	-	1	23.1	0.8	5	1	45.1	1.4	-	-	-	-
BENIGN NEOPLASMS AND NEOPLASMS OF UNSPECIFIED NATURE (210-239).....	-	1	23.1	0.8	5	1	45.1	1.4	-	-	-	-
INTESTINAL OBSTRUCTION AND HERNIA (550-553, 560).....	-	2	46.2	1.6	5	1	45.1	1.4	5	1	47.4	1.8
BELIZE (1975) TOTAL DEATHS .....	-	200	3845.4	100.0	-	102	3808.8	100.0	-	98	3884.3	100.0
ENTERITIS AND OTHER DIARRHEAL DISEASES (008, 009) .....	1	56	1076.7	28.0	1	24	896.2	23.5	1	32	1268.3	32.7
CAUSES OF PERINATAL MORTALITY(760-779)	2	37	711.4	18.5	2	23	658.8	22.5	2	14	554.9	14.3
BRONCHITIS, EMPHYSEMA AND ASTHMA (490-493) .....	3	13	250.0	6.5	4	5	186.7	4.9	3	8	317.1	8.2
WHOOPING COUGH (033) .....	4	12	230.7	6.0	4	5	186.7	4.9	4	7	277.4	7.1
AVITAMINOSES AND OTHER NUTRITIONAL DEFICIENCY (260-269) ...	4	12	230.7	6.0	4	5	186.7	4.9	4	7	277.4	7.1
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	4	12	230.7	6.0	3	8	298.7	7.8	-	4	158.5	4.1
BERMUDA (1978) TOTAL DEATHS .....	-	11	1476.5	100.0	-	6	1587.3	100.0	-	5	1362.4	100.0
CANADA (1978) TOTAL DEATHS .....	-	4289	1195.2	100.0	-	2451	1327.8	100.0	-	1838	1054.7	100.0
CAUSES OF PERINATAL MORTALITY(760-779)	1	1810	504.4	42.2	1	1054	571.0	43.0	1	756	433.8	41.1
CONGENITAL ANOMALIES (740-759).....	2	1172	326.6	27.3	2	642	347.8	26.2	2	530	304.1	28.8
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	3	169	47.1	3.9	3	94	50.9	3.8	3	75	43.0	4.1
ACCIDENTS (E800-E949, E980-E989) .....	4	132	36.8	3.1	4	74	40.1	3.0	4	58	33.3	3.2
INTESTINAL OBSTRUCTION AND HERNIA (550-553, 560).....	5	51	14.2	1.2	-	21	11.4	0.9	5	30	17.2	1.6
ENTERITIS AND OTHER DIARRHEAL DISEASES (008, 009) .....	-	49	13.7	1.1	5	27	14.6	1.1	-	22	12.6	1.2

Table II-6b  
 FIVE LEADING CAUSES OF DEATH (ICD-8th REVISION) WITH RATES PER 100,000 LIVE BIRTHS, CHILDREN  
 UNDER 1 YEAR, BY SEX AND COUNTRY

COUNTRY AND PRINCIPAL CAUSES	TOTAL				MALE				FEMALE			
	RANK ORDER	NUMBER	RATE	PER-CENT	RANK ORDER	NUMBER	RATE	PER-CENT	RANK ORDER	NUMBER	RATE	PER-CENT
CAYMAN ISLANDS (1979) TOTAL DEATHS .....	-	7	2430.6	100.0	-	3	2189.8	100.0	-	4	2857.1	100.0
CHILE (1979) TOTAL DEATHS .....	-	8825	3660.7	100.0	-	4948	4005.1	100.0	-	3877	3298.6	100.0
CAUSES OF PERINATAL MORTALITY(760-779)	1	2884	1196.3	32.7	1	1647	1333.1	33.3	1	1237	1052.5	31.9
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	2	1475	611.8	16.7	2	805	651.6	16.3	2	670	570.0	17.3
CONGENITAL ANOMALIES (740-759).....	3	1114	462.1	12.6	3	589	476.8	11.9	3	525	446.7	13.5
ENTERITIS AND OTHER DIARRHEAL DISEASES (008, 009) .....	4	662	274.6	7.5	4	362	293.0	7.3	4	300	255.2	7.7
ACCIDENTS (E800-E949, E980-E989) .....	5	416	172.6	4.7	5	248	200.7	5.0	5	168	142.9	4.3
COLOMBIA (1977) TOTAL DEATHS .....	-	31881	3953.0	100.0	-	17706	4331.1	100.0	-	14175	3564.4	100.0
ENTERITIS AND OTHER DIARRHEAL DISEASES (008, 009) .....	1	7101	880.5	22.3	2	3871	946.9	21.9	1	3230	812.2	22.8
CAUSES OF PERINATAL MORTALITY(760-779)	2	7023	870.8	22.0	1	4177	1021.7	23.6	2	2846	715.6	20.1
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	3	4997	619.6	15.7	3	2708	662.4	15.3	3	2289	575.6	16.1
BRONCHITIS, EMPHYSEMA AND ASTHMA (490-493) .....	4	2132	264.4	6.7	4	1123	274.7	6.3	4	1009	253.7	7.1
AVITAMINOSES AND OTHER NUTRITIONAL DEFICIENCY (260-269) ...	5	1357	168.3	4.3	5	733	179.3	4.1	5	624	156.9	4.4
COSTA RICA (1979) TOTAL DEATHS .....	-	1532	2212.3	100.0	-	885	2487.1	100.0	-	647	1921.9	100.0
CAUSES OF PERINATAL MORTALITY(760-779)	1	584	843.3	38.1	1	357	1003.3	40.3	1	227	674.3	35.1
CONGENITAL ANOMALIES (740-759).....	2	222	320.6	14.5	2	118	331.6	13.3	2	104	308.9	16.1
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	3	156	225.3	10.2	3	87	244.5	9.8	3	69	205.0	10.7
ENTERITIS AND OTHER DIARRHEAL DISEASES (008, 009) .....	4	136	196.4	8.9	4	75	210.8	8.5	4	61	181.2	9.4
MENINGITIS (320) .....	5	41	59.2	2.7	5	24	67.4	2.7	5	17	50.5	2.6
CUBA (1978) TOTAL DEATHS .....	-	3313	2259.2	100.0	-	1860	2466.0	100.0	-	1453	2040.3	100.0
CAUSES OF PERINATAL MORTALITY(760-779)	1	1427	973.1	43.1	1	849	1125.6	45.6	1	578	811.6	39.8
CONGENITAL ANOMALIES (740-759).....	2	565	385.3	17.1	2	312	413.7	16.8	2	253	355.3	17.4
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	3	438	298.7	13.2	3	228	302.3	12.3	3	210	294.9	14.5
ENTERITIS AND OTHER DIARRHEAL DISEASES (008, 009) .....	4	232	158.2	7.0	4	118	156.4	6.3	4	114	160.1	7.8
ACCIDENTS (E800-E949, E980-E989) .....	5	126	85.9	3.8	5	61	80.9	3.3	5	65	91.3	4.5
DOMINICA (1978) TOTAL DEATHS .....	-	38	2190.2	100.0	-	21	2372.9	100.0	-	16	1882.4	100.0
DOMINICAN REPUBLIC (1978) TOTAL DEATHS .....	-	5791	3115.8	100.0	-	3115	3278.9	100.0	-	2676	2877.4	100.0
CAUSES OF PERINATAL MORTALITY(760-779)	1	1593	857.1	27.5	1	844	888.4	27.1	1	749	805.4	28.0
ENTERITIS AND OTHER DIARRHEAL DISEASES (008, 009) .....	2	945	508.4	16.3	2	481	506.3	15.4	2	464	498.9	17.3
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	3	351	188.9	6.1	3	200	210.5	6.4	3	151	162.4	5.6
AVITAMINOSES AND OTHER NUTRITIONAL DEFICIENCY (260-269) ...	4	157	84.5	2.7	4	96	101.1	3.1	5	61	65.6	2.3
CONGENITAL ANOMALIES (740-759).....	5	153	82.3	2.6	5	85	89.5	2.7	4	68	73.1	2.5

Table II-6b  
 FIVE LEADING CAUSES OF DEATH (ICD-8th REVISION) WITH RATES PER 100,000 LIVE BIRTHS, CHILDREN  
 UNDER 1 YEAR, BY SEX AND COUNTRY

COUNTRY AND PRINCIPAL CAUSES	TOTAL			MALE			FEMALE					
	RANK ORDER	NUMBER	RATE	PER- CENT	RANK ORDER	NUMBER	RATE	PER- CENT	RANK ORDER	NUMBER	RATE	PER- CENT
ECUADOR (1978) TOTAL DEATHS .....	-	14832	6441.4	100.0	-	8015	6859.6	100.0	-	6817	6010.6	100.0
ENTERITIS AND OTHER DIARRHEAL DISEASES (008, 009) .....	1	3655	1587.3	24.6	1	1962	1679.2	24.5	1	1693	1492.7	24.8
CAUSES OF PERINATAL MORTALITY(760-779)	2	1993	865.5	13.4	2	1131	968.0	14.1	3	862	760.0	12.6
BRONCHITIS, EMPHYSEMA AND ASTHMA (490-493) .....	3	1966	853.8	13.3	3	1033	884.1	12.9	2	933	822.6	13.7
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	4	1785	775.2	12.0	4	954	816.5	11.9	4	831	732.7	12.2
TETANUS (037) .....	5	589	255.8	4.0	5	355	303.8	4.4	-	234	206.3	3.4
AVITAMINOSES AND OTHER NUTRITIONAL DEFICIENCY (260-269) ...	-	511	221.9	3.4	-	272	232.8	3.4	5	239	210.7	3.5
EL SALVADOR (1974) TOTAL DEATHS .....	-	8467	5341.1	100.0	-	4774	5926.7	100.0	-	3693	4736.3	100.0
ENTERITIS AND OTHER DIARRHEAL DISEASES (008, 009) .....	1	2023	1276.1	23.9	1	1132	1405.3	23.7	1	891	1142.7	24.1
CAUSES OF PERINATAL MORTALITY(760-779)	2	1366	861.7	16.1	2	784	573.3	16.4	2	582	746.4	15.8
BRONCHITIS, EMPHYSEMA AND ASTHMA (490-493) .....	3	603	380.4	7.1	3	329	408.4	6.9	4	274	351.4	7.4
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	4	587	370.3	6.9	4	308	382.4	6.5	3	279	357.8	7.6
CONGENITAL ANOMALIES (740-759).....	5	191	120.5	2.3	-	114	141.5	2.4	5	77	98.8	2.1
TETANUS (037) .....	-	188	118.6	2.2	5	118	146.5	2.5	-	70	89.8	1.9
FALKLAND ISLANDS (1977) TOTAL DEATHS .....	-	-	-	-	-	-	-	-	-	-	-	-
FRENCH GUIANA (1978) TOTAL DEATHS .....	-	51	3400.0	100.0	-	34	4533.3	100.0	-	17	2266.7	100.0
GUATEMALA (1978) TOTAL DEATHS .....	-	20513	7226.6	100.0	-	11384	7653.4	100.0	-	9129	6756.8	100.0
CAUSES OF PERINATAL MORTALITY(760-779)	1	5977	2105.7	29.1	1	3418	2297.9	30.0	1	2559	1894.0	28.0
ENTERITIS AND OTHER DIARRHEAL DISEASES (008, 009) .....	2	3819	1345.4	18.6	2	2090	1405.1	18.4	2	1729	1279.7	18.9
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	3	3490	1229.5	17.0	3	1899	1276.7	16.7	3	1591	1177.6	17.4
AVITAMINOSES AND OTHER NUTRITIONAL DEFICIENCY (260-269) ...	4	839	295.6	4.1	4	473	318.0	4.2	4	366	270.9	4.0
BRONCHITIS, EMPHYSEMA AND ASTHMA (490-493) .....	5	759	267.4	3.7	5	427	287.1	3.8	5	332	245.7	3.6
GUYANA (1977) TOTAL DEATHS .....	-	1069	4647.8	100.0	-	596	5228.1	100.0	-	473	4300.0	100.0
CAUSES OF PERINATAL MORTALITY(760-779)	1	409	1778.3	38.3	1	216	1894.7	36.2	1	193	1754.5	40.8
ENTERITIS AND OTHER DIARRHEAL DISEASES (008, 009) .....	2	272	1182.6	25.4	2	152	1333.3	25.5	2	120	1090.9	25.4
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	3	106	460.9	9.9	3	59	517.5	9.9	3	47	427.3	9.9
AVITAMINOSES AND OTHER NUTRITIONAL DEFICIENCY (260-269) ...	4	91	395.7	8.5	4	52	456.1	8.7	4	39	354.5	8.2
CONGENITAL ANOMALIES (740-759).....	5	38	165.2	3.6	5	20	175.4	3.4	5	18	163.6	3.8
HONDURAS (1978) TOTAL DEATHS .....	-	3919	2689.6	100.0	-	2173	2905.1	100.0	-	1746	2462.2	100.0
ENTERITIS AND OTHER DIARRHEAL DISEASES (008, 009) .....	1	757	519.5	19.3	1	429	573.5	19.7	1	328	462.6	18.8
CAUSES OF PERINATAL MORTALITY(760-779)	2	604	414.5	15.4	2	315	421.1	14.5	2	289	407.6	16.6
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	3	262	179.8	6.7	3	152	203.2	7.0	3	110	155.1	6.3
BRONCHITIS, EMPHYSEMA AND ASTHMA (490-493) .....	4	202	138.6	5.2	4	110	147.1	5.1	4	92	129.7	5.3
BACILLARY DYSENTERY AND AMEBIASIS (004, 006) .....	5	166	113.9	4.2	5	97	129.7	4.5	5	69	97.3	4.0



Table II-6b  
 FIVE LEADING CAUSES OF DEATH (ICD-8th REVISION) WITH RATES PER 100,000 LIVE BIRTHS, CHILDREN  
 UNDER 1 YEAR, BY SEX AND COUNTRY

COUNTRY AND PRINCIPAL CAUSES	TOTAL			MALE			FEMALE					
	RANK ORDER	NUMBER	RATE	PER-CENT	RANK ORDER	NUMBER	RATE	PER-CENT	RANK ORDER	NUMBER	RATE	PER-CENT
MARTINIQUE (1975)												
TOTAL DEATHS .....	-	167	2282.4	100.0	-	95	2546.9	100.0	-	72	2007.2	100.0
CAUSES OF PERINATAL MORTALITY(760-779)	1	42	574.0	25.1	1	24	643.4	25.3	1	18	501.8	25.0
ENTERITIS AND OTHER DIARRHEAL DISEASES (008, 009) .....	2	39	533.0	23.4	1	24	643.4	25.3	2	15	418.2	20.8
BRONCHITIS, EMPHYSEMA AND ASTHMA (490-493) .....	3	7	95.7	4.2	-	1	26.8	1.1	3	6	167.3	8.3
CONGENITAL ANOMALIES (740-759).....	3	7	95.7	4.2	3	4	107.2	4.2	4	3	83.6	4.2
MENINGITIS (320) .....	5	5	68.3	3.0	5	3	80.4	3.2	5	2	55.8	2.8
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	5	5	68.3	3.0	3	4	107.2	4.2	-	1	27.9	1.4
MEXICO (1976)												
TOTAL DEATHS .....	-	122973	5702.6	100.0	-	68755	6280.0	100.0	-	53897	5076.9	100.0
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	1	30015	1391.9	24.4	1	16620	1518.1	24.2	1	13328	1255.5	24.7
ENTERITIS AND OTHER DIARRHEAL DISEASES (008, 009) .....	2	29537	1369.7	24.0	2	16167	1476.7	23.5	2	13318	1254.5	24.7
CAUSES OF PERINATAL MORTALITY(760-779)	3	21325	988.9	17.3	3	12572	1148.3	18.3	3	8686	818.2	16.1
CONGENITAL ANOMALIES (740-759).....	4	3846	178.4	3.1	4	2038	186.1	3.0	4	1799	169.5	3.3
BRONCHITIS, EMPHYSEMA AND ASTHMA (490-493) .....	5	3075	142.6	2.5	5	1682	153.6	2.4	5	1377	129.7	2.6
MONTSERRAT (1979)												
TOTAL DEATHS .....	-	10	4201.7	100.0	-	6	3750.0	100.0	-	4	5000.0	100.0
NICARAGUA (1977)												
TOTAL DEATHS .....	-	3459	3516.3	100.0	-	1977	3926.3	100.0	-	1482	3086.4	100.0
ENTERITIS AND OTHER DIARRHEAL DISEASES (008, 009) .....	1	1209	1229.0	35.0	1	688	1366.4	34.8	1	521	1085.0	35.2
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	2	247	251.1	7.1	2	145	288.0	7.3	2	102	212.4	6.9
TETANUS (037) .....	3	140	142.3	4.0	3	78	154.5	3.9	3	62	129.1	4.2
BRONCHITIS, EMPHYSEMA AND ASTHMA (490-493) .....	4	75	76.2	2.2	4	44	87.4	2.2	5	31	64.6	2.1
CAUSES OF PERINATAL MORTALITY(760-779)	5	72	73.2	2.1	5	36	71.5	1.8	4	36	75.0	2.4
PANAMA (1974)												
TOTAL DEATHS .....	-	1667	3158.9	100.0	-	941	3654.4	100.0	-	726	2925.8	100.0
CAUSES OF PERINATAL MORTALITY(760-779)	1	431	816.7	25.9	1	264	1025.2	28.1	1	167	673.0	23.0
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	2	213	403.6	12.8	2	117	454.4	12.4	2	96	386.9	13.2
ENTERITIS AND OTHER DIARRHEAL DISEASES (008, 009) .....	3	155	293.7	9.3	3	83	322.3	8.8	3	72	290.2	9.9
TETANUS (037) .....	4	95	180.0	5.7	4	55	213.6	5.8	5	40	161.2	5.5
CONGENITAL ANOMALIES (740-759).....	4	95	180.0	5.7	5	48	186.4	5.1	4	47	189.4	6.5
PARAGUAY (AREA OF INFORMATION) (1978)												
TOTAL DEATHS .....	-	3017	3142.4	100.0	-	1684	9905.9	100.0	-	1333	8331.3	100.0
ENTERITIS AND OTHER DIARRHEAL DISEASES (008, 009) .....	1	803	2433.3	26.6	1	419	2464.7	24.9	1	384	2400.0	28.8
CAUSES OF PERINATAL MORTALITY(760-779)	2	584	1769.7	19.4	2	351	2064.7	20.8	2	233	1456.3	17.5
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	3	427	1253.9	14.2	3	241	1417.6	14.3	3	186	1162.5	14.0
CONGENITAL ANOMALIES (740-759).....	4	80	242.4	2.7	4	46	270.6	2.7	5	34	212.5	2.6
AVITAMINOSES AND OTHER NUTRITIONAL DEFICIENCY (260-269) ...	5	65	197.0	2.2	-	35	205.9	2.1	-	30	187.5	2.3
MENINGITIS (320) .....	-	63	190.9	2.1	5	36	211.8	2.1	-	27	168.8	2.0
BRONCHITIS, EMPHYSEMA AND ASTHMA (490-493) .....	-	60	181.8	2.0	-	22	129.4	1.3	4	38	237.5	2.9

Table II-6b  
 FIVE LEADING CAUSES OF DEATH (ICD-8th REVISION) WITH RATES PER 100,000 LIVE BIRTHS, CHILDREN  
 UNDER 1 YEAR, BY SEX AND COUNTRY

COUNTRY AND PRINCIPAL CAUSES	TOTAL				MALE				FEMALE			
	RANK ORDER	NUMBER	RATE	PER- CENT	RANK ORDER	NUMBER	RATE	PER- CENT	RANK ORDER	NUMBER	RATE	PER- CENT
PERU (1978)												
TOTAL DEATHS .....	-	22718	5048.4	100.0	-	12231	5317.8	100.0	-	10487	4766.8	100.0
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	1	5276	1172.4	23.2	1	2817	1224.8	23.0	1	2459	1117.7	23.4
ENTERITIS AND OTHER DIARRHEAL DISEASES (008, 009) .....	2	4625	1027.8	20.4	2	2436	1059.1	19.9	2	2189	995.0	20.9
CAUSES OF PERINATAL MORTALITY(760-779)	3	3307	734.9	14.6	3	1865	810.9	15.2	3	1442	655.5	13.8
BRONCHITIS, EMPHYSEMA AND ASTHMA (490-493) .....	4	1595	354.4	7.0	4	834	362.6	6.8	4	761	345.9	7.3
AVITAMINOSES AND OTHER NUTRITIONAL DEFICIENCY (260-269) ...	5	645	143.3	2.8	5	335	145.7	2.7	5	310	140.9	3.0
PUERTO RICO (1977)												
TOTAL DEATHS .....	-	1507	2005.3	100.0	-	873	2255.7	100.0	-	634	1739.6	100.0
CAUSES OF PERINATAL MORTALITY(760-779)	1	834	1109.8	55.3	1	511	1320.3	58.5	1	323	886.2	50.9
CONGENITAL ANOMALIES (740-759).....	2	182	242.2	12.1	2	102	263.6	11.7	2	80	219.5	12.6
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	3	135	179.6	9.0	3	78	201.5	8.9	3	57	156.4	9.0
ENTERITIS AND OTHER DIARRHEAL DISEASES (008, 009) .....	4	58	77.2	3.8	4	25	64.6	2.9	4	33	90.5	5.2
DISEASES OF THE HEART (390-429) .....	5	34	45.2	2.3	-	15	38.8	1.7	5	19	52.1	3.0
ACCIDENTS (E800-E949, E980-E989) .....	-	28	37.3	1.9	5	21	54.3	2.4	-	7	19.2	1.1
ST. KITTS AND NEVIS (1978)												
TOTAL DEATHS .....	-	44	4154.9	100.0	-	24	4528.3	100.0	-	20	3780.7	100.0
ST. LUCIA (1978)												
TOTAL DEATHS .....	-	115	2777.8	100.0	-	68	3253.6	100.0	-	47	2292.7	100.0
CAUSES OF PERINATAL MORTALITY(760-779)	1	28	676.3	24.3	1	18	861.2	26.5	2	10	487.8	21.3
ENTERITIS AND OTHER DIARRHEAL DISEASES (008, 009) .....	2	24	579.7	20.9	2	13	622.0	19.1	1	11	536.6	23.4
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	3	10	241.5	8.7	3	6	287.1	8.8	3	4	195.1	8.5
CONGENITAL ANOMALIES (740-759).....	4	8	193.2	7.0	4	4	191.4	5.9	3	4	195.1	8.5
DISEASES OF THE HEART (390-429) .....	5	4	96.6	3.5	5	3	143.5	4.4	-	1	48.8	2.1
AVITAMINOSES AND OTHER NUTRITIONAL DEFICIENCY (260-269) ...	-	3	72.5	2.6	-	1	47.8	1.5	5	2	97.6	4.3
ST. PIERRE AND MIQUELON (1976)												
TOTAL DEATHS .....	-	1	934.6	100.0	-	1	1818.2	100.0	-	-	-	-
ST. VINCENT (1979)												
TOTAL DEATHS .....	-	130	3703.7	100.0	-	70	4179.1	100.0	-	60	3458.2	100.0
CAUSES OF PERINATAL MORTALITY(760-779)	1	60	1709.4	46.2	1	36	2149.3	51.4	1	24	1383.3	40.0
ENTERITIS AND OTHER DIARRHEAL DISEASES (008, 009) .....	2	23	655.3	17.7	2	13	776.1	18.6	2	10	576.4	16.7
AVITAMINOSES AND OTHER NUTRITIONAL DEFICIENCY (260-269) ...	3	17	484.3	13.1	3	8	477.6	11.4	3	9	518.7	15.0
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	4	8	227.9	6.2	4	3	179.1	4.3	4	5	288.2	8.3
MENINGITIS (320) .....	5	4	114.0	3.1	5	2	119.4	2.9	-	2	115.3	3.3
CONGENITAL ANOMALIES (740-759).....	5	4	114.0	3.1	-	-	-	-	5	4	230.5	6.7
SURINAME (1978)												
TOTAL DEATHS .....	-	465	4356.9	100.0	-	250	4566.2	100.0	-	215	4136.2	100.0
CAUSES OF PERINATAL MORTALITY(760-779)	1	263	2464.2	56.6	1	142	2593.6	56.8	1	121	2327.8	56.3
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	2	40	374.8	8.6	4	19	347.0	7.6	2	21	404.0	9.8
CONGENITAL ANOMALIES (740-759).....	3	39	365.4	8.4	3	22	401.8	8.8	3	17	327.0	7.9
ENTERITIS AND OTHER DIARRHEAL DISEASES (008, 009) .....	4	35	327.9	7.5	2	23	420.1	9.2	4	12	230.9	5.6
AVITAMINOSES AND OTHER NUTRITIONAL DEFICIENCY (260-269) ...	5	8	75.0	1.7	5	6	109.6	2.4	5	2	38.5	0.9
INTESTINAL OBSTRUCTION AND HERNIA (550-553, 560).....	-	2	18.7	0.4	-	-	-	-	5	2	38.5	0.9

Table II-6b  
 FIVE LEADING CAUSES OF DEATH (ICD-8th REVISION) WITH RATES PER 100,000 LIVE BIRTHS, CHILDREN  
 UNDER 1 YEAR, BY SEX AND COUNTRY

COUNTRY AND PRINCIPAL CAUSES	TOTAL			MALE			FEMALE					
	RANK ORDER	NUMBER	RATE	PER- CENT	RANK ORDER	NUMBER	RATE	PER- CENT	RANK ORDER	NUMBER	RATE	PER- CENT
TRINIDAD AND TOBAGO (1977)												
TOTAL DEATHS .....	-	586	2162.8	100.0	-	341	2460.1	100.0	-	245	1851.4	100.0
CAUSES OF PERINATAL MORTALITY(760-779)	1	239	882.1	40.8	1	144	1038.9	42.2	1	95	717.9	38.8
ENTERITIS AND OTHER DIARRHEAL DISEASES (008, 009) .....	2	158	583.2	27.0	2	93	670.9	27.3	2	65	491.2	26.5
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	3	76	280.5	13.0	3	42	303.0	12.3	3	34	256.9	13.9
CONGENITAL ANOMALIES (740-759) .....	4	57	210.4	9.7	4	29	209.2	8.5	4	28	211.6	11.4
ACCIDENTS (E800-E949, E980-E989) .....	5	13	48.0	2.2	5	6	43.3	1.8	5	7	52.9	2.9
UNITED STATES (1978)												
TOTAL DEATHS .....	-	45945	1378.4	100.0	-	26088	1526.2	100.0	-	19857	1222.8	100.0
CAUSES OF PERINATAL MORTALITY(760-779)	1	21987	659.6	47.9	1	12664	740.8	48.5	1	9323	574.1	47.0
CONGENITAL ANOMALIES (740-759) .....	2	8404	252.1	18.3	2	4500	263.3	17.2	2	3904	240.4	19.7
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	3	1533	46.0	3.3	3	851	49.8	3.3	3	682	42.0	3.4
ACCIDENTS (E800-E949, E980-E989) .....	4	1346	40.4	2.9	4	736	43.1	2.8	4	610	37.6	3.1
DISEASES OF THE HEART (390-429) .....	5	844	25.3	1.8	5	467	27.3	1.8	5	377	23.2	1.9
URUGUAY (1978)												
TOTAL DEATHS .....	-	2508	3822.8	100.0	-	1437	4364.3	100.0	-	1068	3268.0	100.0
CAUSES OF PERINATAL MORTALITY(760-779)	1	1075	1638.5	42.9	1	627	1904.3	43.6	1	445	1361.6	41.7
ENTERITIS AND OTHER DIARRHEAL DISEASES (008, 009) .....	2	281	428.3	11.2	2	153	464.7	10.6	2	128	391.7	12.0
CONGENITAL ANOMALIES (740-759) .....	3	207	315.5	8.3	3	109	331.0	7.6	3	98	299.9	9.2
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	4	132	201.2	5.3	4	83	252.1	5.8	5	49	149.9	4.6
AVITAMINOSES AND OTHER NUTRITIONAL DEFICIENCY (260-269) ...	5	130	198.1	5.2	5	78	236.9	5.4	4	52	159.1	4.9
VENEZUELA (1978)												
TOTAL DEATHS .....	-	16325	3388.5	100.0	-	9269	3752.6	100.0	-	7056	3002.6	100.0
CAUSES OF PERINATAL MORTALITY(760-779)	1	5307	1101.5	32.5	1	3097	1253.8	33.4	1	2210	940.4	31.3
ENTERITIS AND OTHER DIARRHEAL DISEASES (008, 009) .....	2	2744	569.6	16.8	2	1535	621.5	16.6	2	1209	514.5	17.1
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	3	1648	342.1	10.1	3	936	378.9	10.1	3	712	303.0	10.1
CONGENITAL ANOMALIES (740-759) .....	4	1173	243.5	7.2	4	636	257.5	6.9	4	537	228.5	7.6
ACCIDENTS (E800-E949, E980-E989) .....	5	415	86.1	2.5	5	228	92.3	2.5	5	187	79.6	2.7
VIRGIN ISLANDS (UK) (1976)												
TOTAL DEATHS .....	-	3	1333.3	100.0	-	3	2564.1	100.0	-	-	-	-

Table II-6c  
 FIVE LEADING CAUSES OF DEATH (ICD-8th REVISION) WITH RATES PER 100,000 POPULATION, CHILDREN  
 1-4 YEARS, BY SEX AND COUNTRY

COUNTRY AND PRINCIPAL CAUSES	TOTAL				MALE				FEMALE			
	RANK ORDER	NUMBER	RATE	PER-CENT	RANK ORDER	NUMBER	RATE	PER-CENT	RANK ORDER	NUMBER	RATE	PER-CENT
ANTIGUA (1978) TOTAL DEATHS .....	-	7	76.9	100.0	-	5	108.7	100.0	-	2	44.4	100.0
ARGENTINA (1978) TOTAL DEATHS .....	-	4618	220.5	100.0	-	2443	230.9	100.0	-	2175	209.9	100.0
ACCIDENTS (E800-E949, E980-E989) .....	1	801	38.3	17.3	1	481	45.5	19.7	1	320	30.9	14.7
ENTERITIS AND OTHER DIARRHEAL DISEASES (008, 009) .....	2	416	19.9	9.0	2	208	19.7	8.5	3	208	20.1	9.6
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	3	413	19.7	8.9	3	201	19.0	8.2	2	212	20.5	9.7
DISEASES OF THE HEART (390-429) .....	4	323	15.4	7.0	4	163	15.4	6.7	4	160	15.4	7.4
AVITAMINOSES AND OTHER NUTRITIONAL DEFICIENCY (260-269) ...	5	270	12.9	5.8	5	132	12.5	5.4	5	138	13.3	6.3
BAHAMAS (1979) TOTAL DEATHS .....	-	22	75.9	100.0	-	9	60.0	100.0	-	13	92.9	100.0
BARBADOS (1978) TOTAL DEATHS .....	-	26	134.5	100.0	-	14	146.0	100.0	-	12	123.2	100.0
BELIZE (1979) TOTAL DEATHS .....	-	35	159.1	100.0	-	16	145.5	100.0	-	19	172.7	100.0
BERMUDA (1978) TOTAL DEATHS .....	-	2	57.8	100.0	-	1	58.5	100.0	-	1	57.1	100.0
CANADA (1978) TOTAL DEATHS .....	-	886	63.6	100.0	-	509	71.5	100.0	-	377	55.4	100.0
ACCIDENTS (E800-E949, E980-E989) .....	1	386	27.7	43.6	1	222	31.2	43.6	1	164	24.1	43.5
CONGENITAL ANOMALIES (740-759) .....	2	117	8.4	13.2	2	66	9.3	13.0	2	51	7.5	13.5
MALIGNANT NEOPLASMS (140-209) .....	3	82	5.9	9.3	3	46	6.5	9.0	3	36	5.3	9.5
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	4	37	2.7	4.2	4	24	3.4	4.7	4	13	1.9	3.4
HOMICIDE, LEGAL INTERVENTION AND OPER- ATIONS OF WAR (E960-E978, E990-E995)	5	22	1.6	2.5	5	13	1.8	2.6	5	9	1.3	2.4
CAYMAN ISLANDS (1979) TOTAL DEATHS .....	-	3	166.7	100.0	-	1	103.1	100.0	-	2	241.0	100.0

Table II-6c  
 FIVE LEADING CAUSES OF DEATH (ICD-8th REVISION) WITH RATES PER 100,000 POPULATION, CHILDREN  
 1-4 YEARS, BY SEX AND COUNTRY

COUNTRY AND PRINCIPAL CAUSES	TOTAL				MALE				FEMALE			
	RANK ORDER	NUMBER	RATE	PER-CENT	RANK ORDER	NUMBER	RATE	PER-CENT	RANK ORDER	NUMBER	RATE	PER-CENT
CHILE (1979)												
TOTAL DEATHS .....	-	1475	150.5	100.0	-	832	167.1	100.0	-	643	133.4	100.0
ACCIDENTS (E800-E949, E980-E989) .....	1	459	46.8	31.1	1	293	58.8	35.2	1	166	34.4	25.8
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	2	202	20.6	13.7	2	108	21.7	13.0	2	94	19.5	14.6
ENTERITIS AND OTHER DIARRHEAL DISEASES (008, 009) .....	3	85	8.7	5.8	3	50	10.0	6.0	3	35	7.3	5.4
MALIGNANT NEOPLASMS (140-209) .....	4	74	7.6	5.0	4	41	8.2	4.9	4	33	6.8	5.1
CONGENITAL ANOMALIES (740-759) .....	5	73	7.5	4.9	5	40	8.0	4.8	4	33	6.8	5.1
COLOMBIA (1977)												
TOTAL DEATHS .....	-	13866	449.2	100.0	-	7065	450.2	100.0	-	6801	448.1	100.0
ENTERITIS AND OTHER DIARRHEAL DISEASES (008, 009) .....	1	3049	98.8	22.0	1	1524	97.1	21.6	1	1525	100.5	22.4
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	2	2044	66.2	14.7	2	1028	65.5	14.6	2	1016	66.9	14.9
BRONCHITIS, EMPHYSEMA AND ASTHMA (490-493) .....	3	1037	33.6	7.5	4	526	33.5	7.4	3	511	33.7	7.5
ACCIDENTS (E800-E949, E980-E989) .....	4	973	31.5	7.0	3	552	35.2	7.8	4	421	27.7	6.2
AVITAMINOSES AND OTHER NUTRITIONAL DEFICIENCY (260-269) .....	5	846	27.4	6.1	5	427	27.2	6.0	5	419	27.6	6.2
COSTA RICA (1979)												
TOTAL DEATHS .....	-	275	129.2	100.0	-	158	145.6	100.0	-	117	112.1	100.0
ACCIDENTS (E800-E949, E980-E989) .....	1	58	27.2	21.1	1	37	34.1	23.4	1	21	20.1	17.9
CONGENITAL ANOMALIES (740-759) .....	2	32	15.0	11.6	2	20	18.4	12.7	3	12	11.5	10.3
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	3	25	11.7	9.1	3	12	11.1	7.6	2	13	12.5	11.1
ENTERITIS AND OTHER DIARRHEAL DISEASES (008, 009) .....	4	24	11.3	8.7	3	12	11.1	7.6	3	12	11.5	10.3
MEASLES (055) .....	5	16	7.5	5.8	-	6	5.5	3.8	5	10	9.6	8.5
MENINGITIS (320) .....	-	12	5.6	4.4	5	10	9.2	6.3	-	2	1.9	1.7
CUBA (1978)												
TOTAL DEATHS .....	-	847	89.2	100.0	-	419	86.4	100.0	-	428	92.0	100.0
ACCIDENTS (E800-E949, E980-E989) .....	1	212	22.3	25.0	1	118	24.3	28.2	1	94	20.2	22.0
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	2	142	14.9	16.8	2	67	13.8	16.0	2	75	16.1	17.5
CONGENITAL ANOMALIES (740-759) .....	3	79	8.3	9.3	4	37	7.6	8.8	3	42	9.0	9.8
MALIGNANT NEOPLASMS (140-209) .....	4	63	6.6	7.4	3	39	8.0	9.3	4	24	5.2	5.6
ENTERITIS AND OTHER DIARRHEAL DISEASES (008, 009) .....	5	40	4.2	4.7	-	19	3.9	4.5	5	21	4.5	4.9
MENINGITIS (320) .....	-	36	3.8	4.3	5	21	4.3	5.0	-	15	3.2	3.5
DOMINICA (1978)												
TOTAL DEATHS .....	-	7	59.3	100.0	-	4	67.8	100.0	-	3	50.8	100.0
DOMINICAN REPUBLIC (1978)												
TOTAL DEATHS .....	-	2118	304.7	100.0	-	1110	317.1	100.0	-	1008	292.2	100.0
ENTERITIS AND OTHER DIARRHEAL DISEASES (008, 009) .....	1	319	45.9	15.1	1	170	48.6	15.3	1	149	43.2	14.8
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	2	199	28.6	9.4	3	93	26.6	8.4	2	106	30.7	10.5
AVITAMINOSES AND OTHER NUTRITIONAL DEFICIENCY (260-269) .....	3	192	27.6	9.1	2	96	27.4	8.6	3	96	27.8	9.5
ACCIDENTS (E800-E949, E980-E989) .....	4	104	15.0	4.9	4	63	18.0	5.7	4	41	11.9	4.1
MENINGITIS (320) .....	5	64	9.2	3.0	5	37	10.6	3.3	-	27	7.8	2.7
BRONCHITIS, EMPHYSEMA AND ASTHMA (490-493) .....	-	63	9.1	3.0	-	26	7.4	2.3	5	37	10.7	3.7

Table II-6c  
 FIVE LEADING CAUSES OF DEATH (ICD-8th REVISION) WITH RATES PER 100,000 POPULATION, CHILDREN  
 1-4 YEARS, BY SEX AND COUNTRY

COUNTRY AND PRINCIPAL CAUSES	TOTAL				MALE				FEMALE			
	RANK ORDER	NUMBER	RATE	PER-CENT	RANK ORDER	NUMBER	RATE	PER-CENT	RANK ORDER	NUMBER	RATE	PER-CENT
<b>ECUADOR (1978)</b>												
TOTAL DEATHS .....	-	9097	807.0	100.0	-	4531	787.6	100.0	-	4566	827.2	100.0
ENTERITIS AND OTHER DIARRHEAL DISEASES (008, 009) .....	1	2564	227.5	28.2	1	1254	218.0	27.7	1	1310	237.3	28.7
BRONCHITIS, EMPHYSEMA AND ASTHMA (490-493) .....	2	1028	91.2	11.3	3	491	85.4	10.8	2	537	97.3	11.8
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	3	1013	89.9	11.1	2	520	90.4	11.5	3	493	89.3	10.8
AVITAMINOSES AND OTHER NUTRITIONAL DEFICIENCY (260-269) ...	4	432	38.3	4.7	-	202	35.1	4.5	4	230	41.7	5.0
ACCIDENTS (E800-E949, E980-E989) .....	5	420	37.3	4.6	4	241	41.9	5.3	-	179	32.4	3.9
MEASLES (055) .....	-	415	36.8	4.6	5	212	36.9	4.7	-	203	36.8	4.4
WHOOPING COUGH (033) .....	-	385	34.2	4.2	-	173	30.1	3.8	5	212	38.4	4.6
<b>EL SALVADOR (1974)</b>												
TOTAL DEATHS .....	-	3310	608.2	100.0	-	1636	591.6	100.0	-	1674	625.4	100.0
ENTERITIS AND OTHER DIARRHEAL DISEASES (008, 009) .....	1	991	182.1	29.9	1	508	183.7	31.1	1	483	180.5	28.9
BRONCHITIS, EMPHYSEMA AND ASTHMA (490-493) .....	2	186	34.2	5.6	4	74	26.8	4.5	2	112	41.8	6.7
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	3	178	32.7	5.4	2	82	29.7	5.0	4	96	35.9	5.7
AVITAMINOSES AND OTHER NUTRITIONAL DEFICIENCY (260-269) ...	4	176	32.3	5.3	3	75	27.1	4.6	3	101	37.7	6.0
ACCIDENTS (E800-E949, E980-E989) .....	5	80	14.7	2.4	5	47	17.0	2.9	5	33	12.3	2.0
<b>FALKLAND ISLANDS (1977)</b>												
TOTAL DEATHS .....	-	1	625.0	100.0	-	1	1250.0	100.0	-	-	-	-
<b>FRENCH GUIANA (1978)</b>												
TOTAL DEATHS .....	-	18	257.1	100.0	-	9	300.0	100.0	-	9	225.0	100.0
<b>GUATEMALA (1978)</b>												
TOTAL DEATHS .....	-	11933	1309.9	100.0	-	6089	1315.1	100.0	-	5844	1304.5	100.0
ENTERITIS AND OTHER DIARRHEAL DISEASES (008, 009) .....	1	3722	408.6	31.2	1	1895	409.3	31.1	1	1827	407.8	31.3
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	2	2009	220.5	16.8	2	1007	217.5	16.5	2	1002	223.7	17.1
MEASLES (055) .....	3	1104	121.2	9.3	3	564	121.8	9.3	3	540	120.5	9.2
WHOOPING COUGH (033) .....	4	538	59.1	4.5	4	238	51.4	3.9	4	300	67.0	5.1
AVITAMINOSES AND OTHER NUTRITIONAL DEFICIENCY (260-269) ...	5	402	44.1	3.4	-	201	43.4	3.3	5	201	44.9	3.4
ACCIDENTS (E800-E949, E980-E989) .....	-	372	40.8	3.1	5	232	50.1	3.8	-	140	31.3	2.4
<b>GUYANA (1977)</b>												
TOTAL DEATHS .....	-	321	337.9	100.0	-	173	360.4	100.0	-	148	314.9	100.0
ENTERITIS AND OTHER DIARRHEAL DISEASES (008, 009) .....	1	112	117.9	34.9	1	65	135.4	37.6	1	47	100.0	31.8
AVITAMINOSES AND OTHER NUTRITIONAL DEFICIENCY (260-269) ...	2	52	54.7	16.2	2	25	52.1	14.5	2	27	57.4	18.2
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	3	51	53.7	15.9	2	25	52.1	14.5	3	26	55.3	17.6
ACCIDENTS (E800-E949, E980-E989) .....	4	26	27.4	8.1	4	15	31.3	8.7	4	11	23.4	7.4
MEASLES (055) .....	5	8	8.4	2.5	5	4	8.3	2.3	-	4	3.5	2.7
ANEMIAS (260-285) .....	5	8	8.4	2.5	-	3	6.3	1.7	5	5	10.6	3.4
BRONCHITIS, EMPHYSEMA AND ASTHMA (490-493) .....	-	5	6.3	1.9	5	4	8.3	2.3	-	2	4.3	1.4
<b>HONDURAS (1978)</b>												
TOTAL DEATHS .....	-	2655	478.6	100.0	-	1301	464.6	100.0	-	1355	492.7	100.0
ENTERITIS AND OTHER DIARRHEAL DISEASES (008, 009) .....	1	515	92.3	19.4	1	275	98.2	21.1	1	240	97.3	17.7
MEASLES (055) .....	2	231	41.9	8.7	2	107	38.2	8.2	2	124	45.1	9.2
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	3	193	34.3	7.3	3	93	33.2	7.1	3	100	36.4	7.4
BACILLARY DYSENTERY AND AMEBIASIS (034, 006) .....	4	104	18.7	3.9	4	60	21.4	4.6	5	44	16.0	3.2
BRONCHITIS, EMPHYSEMA AND ASTHMA (490-493) .....	5	81	14.5	3.0	-	32	11.4	2.5	4	49	17.8	3.6
HOMICIDE, LEGAL INTERVENTION AND CONSEQUENCES OF WAR (E960-E978, E990-E999) .....	-	75	13.5	2.8	5	41	14.6	3.2	-	34	12.4	2.5



Table II-6c  
 FIVE LEADING CAUSES OF DEATH (ICD-8th REVISION) WITH RATES PER 100,000 POPULATION, CHILDREN  
 1-4 YEARS, BY SEX AND COUNTRY

COUNTRY AND PRINCIPAL CAUSES	TOTAL			MALE			FEMALE					
	RANK ORDER	NUMBER	RATE	PER-CENT	RANK ORDER	NUMBER	RATE	PER-CENT	RANK ORDER	NUMBER	RATE	PER-CENT
MARTINIQUE (1975) TOTAL DEATHS .....	-	39	52.9	100.0	-	23	109.5	100.0	-	16	76.2	100.0
MEXICO (1976) TOTAL DEATHS .....	-	43499	485.9	100.0	-	22182	486.4	100.0	-	21199	482.7	100.0
ENTERITIS AND OTHER DIARRHEAL DISEASES (008, 009) .....	1	10641	118.9	24.5	1	5380	118.0	24.3	1	5233	119.2	24.7
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	2	8077	50.2	18.6	2	4053	88.9	18.3	2	4003	91.1	18.9
MEASLES (055) .....	3	3588	40.1	8.2	4	1780	39.0	8.0	3	1794	40.8	8.5
ACCIDENTS (E800-E949, E980-E989) .....	4	3277	36.6	7.5	3	1909	41.9	8.6	4	1365	31.1	6.4
BRONCHITIS, EMPHYSEMA AND ASTHMA (490-493) .....	5	1369	15.3	3.1	5	710	15.6	3.2	5	654	14.9	3.1
MONTSERRAT (1979) TOTAL DEATHS .....	-	-	-	-	-	-	-	-	-	-	-	-
PANAMA (1974) TOTAL DEATHS .....	-	952	465.7	100.0	-	472	454.7	100.0	-	480	477.1	100.0
ENTERITIS AND OTHER DIARRHEAL DISEASES (008, 009) .....	1	157	76.8	16.5	1	85	81.9	18.0	1	72	71.6	15.0
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	2	131	64.1	13.8	2	65	62.6	13.8	2	66	65.6	13.8
WHOOPING COUGH (033) .....	3	87	42.6	9.1	4	30	28.9	6.4	3	57	56.7	11.9
ACCIDENTS (E800-E949, E980-E989) .....	4	59	28.9	6.2	3	35	33.7	7.4	4	24	23.9	5.0
BRONCHITIS, EMPHYSEMA AND ASTHMA (490-493) .....	5	52	25.4	5.5	5	28	27.0	5.9	4	24	23.9	5.0
PARAGUAY (AREA OF INFORMATION) (1978) TOTAL DEATHS .....	-	1110	495.5	100.0	-	596	518.3	100.0	-	514	471.6	100.0
ENTERITIS AND OTHER DIARRHEAL DISEASES (008, 009) .....	1	445	198.7	40.1	1	244	212.2	40.9	1	201	184.4	39.1
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	2	146	65.2	13.2	2	78	67.8	13.1	2	68	62.4	13.2
ACCIDENTS (E800-E949, E980-E989) .....	3	61	27.2	5.5	3	39	33.9	6.5	4	22	20.2	4.3
AVITAMINOSES AND OTHER NUTRITIONAL DEFICIENCY (260-269) .....	4	45	20.1	4.1	4	20	17.4	3.4	3	25	22.9	4.9
BRONCHITIS, EMPHYSEMA AND ASTHMA (490-493) .....	5	26	11.6	2.3	5	17	14.8	2.9	-	9	8.3	1.8
MENINGITIS (320) .....	-	22	9.8	2.0	-	9	7.8	1.5	5	13	11.9	2.5
PERU (1978) TOTAL DEATHS .....	-	10915	516.5	100.0	-	5417	508.0	100.0	-	5498	525.1	100.0
ENTERITIS AND OTHER DIARRHEAL DISEASES (008, 009) .....	1	2836	134.2	26.0	1	1442	135.2	26.6	1	1394	133.1	25.4
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	2	2202	104.2	20.2	2	1108	103.9	20.5	2	1094	104.5	19.9
BRONCHITIS, EMPHYSEMA AND ASTHMA (490-493) .....	3	724	34.3	6.6	3	346	32.4	6.4	4	378	36.1	6.9
MEASLES (055) .....	4	678	32.1	6.2	-	208	19.5	3.8	3	470	44.9	8.5
AVITAMINOSES AND OTHER NUTRITIONAL DEFICIENCY (260-269) .....	5	528	25.0	4.8	4	258	24.2	4.8	5	270	25.8	4.9
ACCIDENTS (E800-E949, E980-E989) .....	-	424	20.1	3.9	5	243	22.8	4.5	-	181	17.3	3.3
PUERTO RICO (1977) TOTAL DEATHS .....	-	150	50.5	100.0	-	78	51.7	100.0	-	72	49.3	100.0
ACCIDENTS (E800-E949, E980-E989) .....	1	33	11.1	22.0	1	21	13.9	26.9	2	12	8.2	16.7
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	2	30	10.1	20.0	2	14	9.3	17.9	1	16	11.0	22.2
MALIGNANT NEOPLASMS (140-209) .....	3	17	5.7	11.3	3	8	5.3	10.3	3	9	6.2	12.5
CONGENITAL ANOMALIES (740-759) .....	4	13	4.4	8.7	4	7	4.6	9.0	4	6	4.1	8.3
DISEASES OF THE HEART (390-429) .....	5	6	2.0	4.0	5	3	2.0	3.8	5	3	2.1	4.2
MENINGITIS (320) .....	-	3	1.0	2.0	5	3	2.0	3.8	-	-	-	-
BRONCHITIS, EMPHYSEMA AND ASTHMA (490-493) .....	-	3	1.0	2.0	-	-	-	-	5	3	2.1	4.2

Table II-6c  
 FIVE LEADING CAUSES OF DEATH (ICD-8th REVISION) WITH RATES PER 100,000 POPULATION, CHILDREN  
 1-4 YEARS, BY SEX AND COUNTRY

COUNTRY AND PRINCIPAL CAUSES	TOTAL				MALE				FEMALE			
	RANK ORDER	NUMBER	RATE	PER-CENT	RANK ORDER	NUMBER	RATE	PER-CENT	RANK ORDER	NUMBER	RATE	PER-CENT
ST. KITTS AND NEVIS (1978) TOTAL DEATHS .....	-	17	277.8	100.0	-	10	331.1	100.0	-	7	225.8	100.0
ST. LUCIA (1978) TOTAL DEATHS .....	-	25	138.1	100.0	-	13	142.2	100.0	-	12	134.0	100.0
ST. PIERRE AND MIQUELON (1976) TOTAL DEATHS .....	-	-	-	-	-	-	-	-	-	-	-	-
ST. VINCENT (1979) TOTAL DEATHS .....	-	31	178.2	100.0	-	11	123.6	100.0	-	20	235.3	100.0
SURINAME (1978) TOTAL DEATHS .....	-	66	135.6	100.0	-	35	140.1	100.0	-	31	130.8	100.0
TRINIDAD AND TOBAGO (1977) TOTAL DEATHS .....	-	133	133.4	100.0	-	67	131.4	100.0	-	66	135.5	100.0
ENTERITIS AND OTHER DIARRHEAL DISEASES (008, 009) .....	1	43	43.1	32.3	1	24	47.1	35.8	1	19	39.0	28.8
ACCIDENTS (E800-E949, E980-E989) .....	2	27	27.1	20.3	2	15	29.4	22.4	2	12	24.6	18.2
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	3	15	15.0	11.3	3	8	15.7	11.9	4	7	14.4	10.6
CONGENITAL ANOMALIES (740-759) .....	4	12	12.0	9.0	4	4	7.8	6.0	3	8	16.4	12.1
ANEMIAS (280-285) .....	5	6	6.0	4.5	-	2	3.9	3.0	5	4	8.2	6.1
MALIGNANT NEOPLASMS (140-209) .....	-	3	3.0	2.3	5	3	5.9	4.5	-	-	-	-
UNITED STATES (1978) TOTAL DEATHS .....	-	8429	68.0	100.0	-	4866	76.8	100.0	-	3563	58.8	100.0
ACCIDENTS (E800-E949, E980-E989) .....	1	3619	29.2	42.9	1	2167	34.2	44.5	1	1452	24.0	40.8
CONGENITAL ANOMALIES (740-759) .....	2	1027	8.3	12.2	2	559	8.8	11.5	2	468	7.7	13.1
MALIGNANT NEOPLASMS (140-209) .....	3	599	4.8	7.1	3	343	5.4	7.0	3	256	4.2	7.2
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	4	354	2.9	4.2	4	179	2.8	3.7	4	175	2.9	4.9
HOMICIDE, LEGAL INTERVENTION AND OPER- ATIONS OF WAR (E960-E978, E990-E999) .....	5	313	2.5	3.7	5	172	2.7	3.5	-	141	2.3	4.0
DISEASES OF THE HEART (390-429) .....	-	280	2.3	3.3	-	135	2.1	2.8	5	145	2.4	4.1
URUGUAY (1978) TOTAL DEATHS .....	-	229	109.8	100.0	-	121	115.2	100.0	-	108	104.2	100.0
ACCIDENTS (E800-E949, E980-E989) .....	1	49	23.5	21.4	1	23	21.9	19.0	1	26	25.1	24.1
CONGENITAL ANOMALIES (740-759) .....	2	31	14.9	13.5	2	16	15.2	13.2	2	15	14.5	13.9
MALIGNANT NEOPLASMS (140-209) .....	3	19	9.1	8.3	3	12	11.4	9.9	4	7	6.8	6.5
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	3	19	9.1	8.3	3	12	11.4	9.9	4	7	6.8	6.5
ENTERITIS AND OTHER DIARRHEAL DISEASES (008, 009) .....	5	15	7.2	6.6	-	6	5.7	5.0	3	9	8.7	8.3
MENINGITIS (320) .....	-	7	3.4	3.1	5	7	6.7	5.8	-	-	-	-
VENEZUELA (1978) TOTAL DEATHS .....	-	4021	242.7	100.0	-	2050	241.2	100.0	-	1971	244.2	100.0
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	1	634	38.3	15.8	2	309	36.4	15.1	2	325	40.3	16.5
ENTERITIS AND OTHER DIARRHEAL DISEASES (008, 009) .....	2	605	36.5	15.0	3	272	32.0	13.3	1	333	41.3	16.9
ACCIDENTS (E800-E949, E980-E989) .....	3	539	32.5	13.4	1	330	38.8	16.1	3	209	25.9	10.6
MEASLES (055) .....	4	186	11.2	4.6	4	91	10.7	4.4	4	95	11.8	4.8
AVITAMINOSES AND OTHER NUTRITIONAL DEFICIENCY (260-269) .....	5	127	7.7	3.2	5	76	8.9	3.7	-	51	6.3	2.6
MENINGITIS (320) .....	-	108	6.5	2.7	-	55	6.5	2.7	5	53	6.6	2.7
VIRGIN ISLANDS (UK) (1976) TOTAL DEATHS .....	-	1	70.4	100.0	-	1	140.8	100.0	-	-	-	-

Table II-6d  
 FIVE LEADING CAUSES OF DEATH (ICD-8th REVISION) WITH RATES PER 100,000 POPULATION, AGES 5-14,  
 BY SEX AND COUNTRY

COUNTRY AND PRINCIPAL CAUSES	TOTAL				MALE				FEMALE			
	RANK ORDER	NUMBER	RATE	PER-CENT	RANK ORDER	NUMBER	RATE	PER-CENT	RANK ORDER	NUMBER	RATE	PER-CENT
ANTIGUA (1978) TOTAL DEATHS .....	-	13	59.6	100.0	-	9	84.9	100.0	-	4	35.7	100.0
ARGENTINA (1978) TOTAL DEATHS .....	-	2575	53.0	100.0	-	1508	61.1	100.0	-	1067	44.6	100.0
ACCIDENTS (E800-E949, E980-E989) .....	1	946	19.5	36.7	1	633	25.6	42.0	1	313	13.1	29.3
MALIGNANT NEOPLASMS (140-209).....	2	244	5.0	9.5	2	129	5.2	8.6	2	115	4.8	10.8
DISEASES OF THE HEART (390-429) .....	3	154	3.2	6.0	3	82	3.3	5.4	3	72	3.0	6.7
CONGENITAL ANOMALIES (740-759).....	4	106	2.2	4.1	4	61	2.5	4.0	4	45	1.9	4.2
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	5	85	1.7	3.3	5	43	1.7	2.9	5	42	1.8	3.9
BAHAMAS (1979) TOTAL DEATHS .....	-	31	49.2	100.0	-	25	78.1	100.0	-	6	19.4	100.0
BARBADOS (1978) TOTAL DEATHS .....	-	26	43.5	100.0	-	12	39.3	100.0	-	14	47.8	100.0
BELIZE (1979) TOTAL DEATHS .....	-	17	34.0	100.0	-	10	40.0	100.0	-	7	28.0	100.0
BERMUDA (1978) TOTAL DEATHS .....	-	1	9.6	100.0	-	-	-	-	-	1	19.9	100.0
CANADA (1978) TOTAL DEATHS .....	-	1441	36.6	100.0	-	921	45.7	100.0	-	520	27.1	100.0
ACCIDENTS (E800-E949, E980-E989) .....	1	810	20.6	56.2	1	552	27.4	59.9	1	258	13.4	49.6
MALIGNANT NEOPLASMS (140-209).....	2	197	5.0	13.7	2	119	5.9	12.9	2	78	4.1	15.0
CONGENITAL ANOMALIES (740-759).....	3	98	2.5	6.8	3	56	2.8	6.1	3	42	2.2	8.1
SUICIDE (E950-E959) .....	4	31	0.8	2.2	4	25	1.2	2.7	-	6	0.3	1.2
HOMICIDE, LEGAL INTERVENTION AND OPERATIONS OF WAR (E960-E978, E990-E999) .....	5	26	0.7	1.8	-	12	0.6	1.3	4	14	0.7	2.7
DISEASES OF THE HEART (390-429) .....	-	23	0.6	1.6	5	18	0.9	2.0	-	5	0.3	1.0
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	-	25	0.6	1.7	-	14	0.7	1.5	5	11	0.6	2.1
CAYMAN ISLANDS (1979) TOTAL DEATHS .....	-	4	111.1	100.0	-	1	53.5	100.0	-	3	173.4	100.0
CHILE (1979) TOTAL DEATHS .....	-	1364	57.9	100.0	-	818	68.5	100.0	-	546	47.1	100.0
ACCIDENTS (E800-E949, E980-E989) .....	1	499	21.2	36.6	1	346	29.0	42.3	1	153	13.2	28.0
MALIGNANT NEOPLASMS (140-209).....	2	127	5.4	9.3	2	65	5.4	7.9	2	62	5.3	11.4
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	3	106	4.5	7.8	3	59	4.9	7.2	3	47	4.1	8.6
CONGENITAL ANOMALIES (740-759).....	4	39	1.7	2.9	-	18	1.5	2.2	4	21	1.8	3.8
MEASLES (055) .....	5	36	1.5	2.6	4	22	1.8	2.7	5	14	1.2	2.6
DISEASES OF THE HEART (390-429) .....	5	36	1.5	2.6	4	22	1.8	2.7	5	14	1.2	2.6
COLOMBIA (1977) TOTAL DEATHS .....	-	5945	81.6	100.0	-	3332	90.8	100.0	-	2613	72.2	100.0
ACCIDENTS (E800-E949, E980-E989) .....	1	1585	21.8	26.7	1	1060	28.9	31.8	1	525	14.5	20.1
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	2	399	5.5	6.7	2	214	5.8	6.4	2	185	5.1	7.1
ENTERITIS AND OTHER DIARRHEAL DISEASES (008, 009) .....	3	348	4.8	5.9	4	167	4.6	5.0	3	181	5.0	6.9
MALIGNANT NEOPLASMS (140-209).....	4	284	3.9	4.8	3	169	4.6	5.1	4	115	3.2	4.4
DISEASES OF THE HEART (390-429) .....	5	199	2.7	3.3	5	103	2.8	3.1	5	96	2.7	3.7

Table II-6d  
 FIVE LEADING CAUSES OF DEATH (ICD-8th REVISION) WITH RATES PER 100,000 POPULATION, AGES 5-14,  
 BY SEX AND COUNTRY

COUNTRY AND PRINCIPAL CAUSES	TOTAL				MALE				FEMALE			
	RANK ORDER	NUMBER	RATE	PER-CENT	RANK ORDER	NUMBER	RATE	PER-CENT	RANK ORDER	NUMBER	RATE	PER-CENT
<b>COSTA RICA (1979)</b>												
TOTAL DEATHS .....	-	272	49.9	100.0	-	163	58.8	100.0	-	109	40.8	100.0
ACCIDENTS (E800-E949, E980-E989) .....	1	96	17.6	35.3	1	72	26.0	44.2	1	24	9.0	22.0
MALIGNANT NEOPLASMS (140-209).....	2	44	8.1	16.2	2	20	7.2	12.3	1	24	9.0	22.0
CONGENITAL ANOMALIES (740-759).....	3	16	2.9	5.9	3	8	2.9	4.9	3	8	3.0	7.3
DISEASES OF THE HEART (390-429) .....	4	11	2.0	4.0	3	8	2.9	4.9	5	3	1.1	2.8
MENINGITIS (320) .....	5	9	1.7	3.3	-	4	1.4	2.5	4	5	1.9	4.6
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	-	8	1.5	2.9	5	6	2.2	3.7	-	2	0.7	1.8
DIABETES MELLITUS (250) .....	-	3	0.6	1.1	-	-	-	-	5	3	1.1	2.8
NEPHRITIS AND NEPHROSIS (580-584) ...	-	5	0.9	1.8	-	2	0.7	1.2	5	3	1.1	2.8
<b>CUBA (1978)</b>												
TOTAL DEATHS .....	-	1039	42.8	100.0	-	636	51.2	100.0	-	403	34.0	100.0
ACCIDENTS (E800-E949, E980-E989) .....	1	432	17.8	41.6	1	285	22.9	44.8	1	147	12.4	36.5
MALIGNANT NEOPLASMS (140-209).....	2	119	4.9	11.5	2	77	6.2	12.1	2	42	3.5	10.4
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	3	83	3.4	8.0	3	46	3.7	7.2	3	37	3.1	9.2
CONGENITAL ANOMALIES (740-759).....	4	59	2.4	5.7	4	34	2.7	5.3	4	25	2.1	6.2
DISEASES OF THE HEART (390-429) .....	5	46	1.9	4.4	5	22	1.8	3.5	5	24	2.0	6.0
<b>DOMINICA (1978)</b>												
TOTAL DEATHS .....	-	17	66.9	100.0	-	7	54.3	100.0	-	10	80.0	100.0
<b>DOMINICAN REPUBLIC (1978)</b>												
TOTAL DEATHS .....	-	925	59.1	100.0	-	528	67.0	100.0	-	397	51.0	100.0
ACCIDENTS (E800-E949, E980-E989) .....	1	165	10.5	17.8	1	114	14.5	21.6	1	51	6.6	12.8
ENTERITIS AND OTHER DIARRHEAL DISEASES (008, 009) .....	2	46	2.9	5.0	2	29	3.7	5.5	5	17	2.2	4.3
DISEASES OF THE HEART (390-429) .....	2	46	2.9	5.0	3	23	2.9	4.4	2	23	3.0	5.8
AVITAMINOSES AND OTHER NUTRITIONAL DEFICIENCY (260-269) ...	4	42	2.7	4.5	5	19	2.4	3.6	2	23	3.0	5.8
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	5	41	2.6	4.4	4	22	2.8	4.2	4	19	2.4	4.8
<b>ECUADOR (1978)</b>												
TOTAL DEATHS .....	-	2793	129.3	100.0	-	1506	137.4	100.0	-	1287	121.0	100.0
ACCIDENTS (E800-E949, E980-E989) .....	1	588	27.2	21.1	1	381	34.8	25.3	1	207	19.5	16.1
ENTERITIS AND OTHER DIARRHEAL DISEASES (008, 009) .....	2	236	10.9	8.4	2	120	10.9	8.0	3	116	10.9	9.0
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	3	222	10.3	7.9	3	102	9.3	6.8	2	120	11.3	9.3
BRONCHITIS, EMPHYSEMA AND ASTHMA (490-493) .....	4	117	5.4	4.2	4	66	6.0	4.4	4	51	4.8	4.0
ANEMIAS (280-285) .....	5	109	5.0	3.9	5	60	5.5	4.0	5	49	4.6	3.8
<b>EL SALVADOR (1974)</b>												
TOTAL DEATHS .....	-	1425	132.6	100.0	-	713	130.8	100.0	-	712	134.4	100.0
ACCIDENTS (E800-E949, E980-E989) .....	1	261	24.3	18.3	1	166	30.4	23.3	2	95	17.9	13.3
ENTERITIS AND OTHER DIARRHEAL DISEASES (008, 009) .....	2	235	21.9	16.5	2	106	19.4	14.9	1	129	24.4	18.1
ANEMIAS (280-285) .....	3	63	5.9	4.4	3	25	4.6	3.5	3	38	7.2	5.3
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	4	41	3.8	2.9	4	16	2.9	2.2	4	25	4.7	3.5
AVITAMINOSES AND OTHER NUTRITIONAL DEFICIENCY (260-269) ...	5	36	3.3	2.5	5	15	2.8	2.1	5	21	4.0	2.9
<b>FALKLAND ISLANDS (1977)</b>												
TOTAL DEATHS .....	-	-	-	-	-	-	-	-	-	-	-	-
<b>FRENCH GUIANA (1973)</b>												
TOTAL DEATHS .....	-	15	114.3	100.0	-	13	185.7	100.0	-	2	42.9	100.0

Table II-6d  
 FIVE LEADING CAUSES OF DEATH (ICD-8th REVISION) WITH RATES PER 100,000 POPULATION, AGES 5-14,  
 BY SEX AND COUNTRY

COUNTRY AND PRINCIPAL CAUSES	TOTAL				MALE				FEMALE			
	RANK ORDER	NUMBER	RATE	PER-CENT	RANK ORDER	NUMBER	RATE	PER-CENT	RANK ORDER	NUMBER	RATE	PER-CENT
<b>GUATEMALA (1978)</b>												
TOTAL DEATHS .....	-	4313	230.4	100.0	-	2584	271.1	100.0	-	1729	138.1	100.0
ACCIDENTS (E800-E949, E980-E989) .....	1	1058	56.5	24.5	1	896	94.0	34.7	3	162	17.6	9.4
ENTERITIS AND OTHER DIARRHEAL DISEASES (008, 009) .....	2	768	41.0	17.8	2	416	43.7	16.1	1	352	38.3	20.4
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	3	569	30.4	13.2	3	285	29.9	11.0	2	284	30.9	16.4
MEASLES (055) .....	4	238	12.7	5.5	4	121	12.7	4.7	4	117	12.7	6.8
AVITAMINOSES AND OTHER NUTRITIONAL DEFICIENCY (260-269) .....	5	117	6.3	2.7	5	54	5.7	2.1	5	63	6.9	3.6
<b>GUYANA (1977)</b>												
TOTAL DEATHS .....	-	180	76.3	100.0	-	105	88.2	100.0	-	75	64.1	100.0
ACCIDENTS (E800-E949, E980-E989) .....	1	45	15.1	25.0	1	29	24.4	27.6	1	16	13.7	21.3
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	2	17	7.2	9.4	2	10	8.4	9.5	2	7	6.0	9.3
DISEASES OF THE HEART (390-429) .....	3	15	6.4	8.3	3	8	6.7	7.6	2	7	6.0	9.3
ENTERITIS AND OTHER DIARRHEAL DISEASES (008, 009) .....	4	13	5.5	7.2	3	8	6.7	7.6	5	5	4.3	6.7
ANEMIAS (280-285) .....	5	10	4.2	5.6	-	4	3.4	3.8	4	6	5.1	8.0
MEASLES (055) .....	-	9	3.8	5.0	5	5	4.2	4.8	-	4	3.4	5.3
<b>HONDURAS (1978)</b>												
TOTAL DEATHS .....	-	1084	110.7	100.0	-	583	118.7	100.0	-	501	102.7	100.0
ENTERITIS AND OTHER DIARRHEAL DISEASES (008, 009) .....	1	124	12.7	11.4	2	70	14.3	12.0	1	54	11.1	10.8
HOMICIDE, LEGAL INTERVENTION AND OPERATIONS OF WAR (E960-E978, E990-E999) .....	1	124	12.7	11.4	1	81	16.5	13.9	2	43	8.8	8.6
MEASLES (055) .....	3	58	5.9	5.4	3	29	5.9	5.0	3	29	5.9	5.8
DISEASES OF THE HEART (390-429) .....	4	41	4.2	3.8	4	28	5.7	4.8	-	13	2.7	2.6
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	5	40	4.1	3.7	4	28	5.7	4.8	-	12	2.5	2.4
ANEMIAS (280-285) .....	-	37	3.8	3.4	-	17	3.5	2.9	4	20	4.1	4.0
BACILLARY DYSENTERY AND AMEBIASIS (004, 006) .....	-	31	3.2	2.9	-	12	2.4	2.1	5	19	3.9	3.8
<b>JAMAICA (1971)</b>												
TOTAL DEATHS .....	-	395	72.2	100.0	-	228	81.5	100.0	-	167	62.5	100.0
ACCIDENTS (E800-E949, E980-E989) .....	1	90	16.5	22.8	1	63	22.5	27.6	1	27	10.1	16.2
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	2	43	7.9	10.9	2	23	8.2	10.1	2	20	7.5	12.0
ANEMIAS (280-285) .....	3	32	5.9	8.1	2	23	8.2	10.1	-	9	3.4	5.4
DISEASES OF THE HEART (390-429) .....	4	29	5.3	7.3	5	13	4.6	5.7	3	16	6.0	9.6
MALIGNANT NEOPLASMS (140-209) .....	5	25	4.6	6.3	4	14	5.0	6.1	5	11	4.1	6.6
ENTERITIS AND OTHER DIARRHEAL DISEASES (008, 009) .....	-	22	4.0	5.6	-	10	3.6	4.4	4	12	4.5	7.2
<b>MARTINIQUE (1975)</b>												
TOTAL DEATHS .....	-	39	45.3	100.0	-	24	55.8	100.0	-	15	34.9	100.0
<b>MEXICO (1976)</b>												
TOTAL DEATHS .....	-	17690	101.3	100.0	-	10079	113.3	100.0	-	7570	88.3	100.0
ACCIDENTS (E800-E949, E980-E989) .....	1	4614	26.4	26.1	1	3191	35.9	31.7	1	1415	16.5	18.7
ENTERITIS AND OTHER DIARRHEAL DISEASES (008, 009) .....	2	1921	11.0	10.9	2	985	11.1	9.8	2	933	10.9	12.3
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	3	1795	10.3	10.1	3	910	10.2	9.0	3	881	10.3	11.6
MEASLES (055) .....	4	994	5.7	5.6	4	494	5.6	4.9	4	500	5.8	6.6
DISEASES OF THE HEART (390-429) .....	5	700	4.0	4.0	-	386	4.3	3.8	5	312	3.6	4.1
MALIGNANT NEOPLASMS (140-209) .....	-	656	3.8	3.7	5	397	4.5	3.9	-	259	3.0	3.4

Table II-6d  
 FIVE LEADING CAUSES OF DEATH (ICD-8th REVISION) WITH RATES PER 100,000 POPULATION, AGES 5-14,  
 BY SEX AND COUNTRY

COUNTRY AND PRINCIPAL CAUSES	TOTAL				MALE				FEMALE			
	RANK ORDER	NUMBER	RATE	PER-CENT	RANK ORDER	NUMBER	RATE	PER-CENT	RANK ORDER	NUMBER	RATE	PER-CENT
MONTSERRAT (1979) TOTAL DEATHS .....	-	3	100.0	100.0	-	3	200.0	100.0	-	-	-	-
NICARAGUA (1977) TOTAL DEATHS .....	-	521	72.9	100.0	-	307	84.9	100.0	-	214	60.6	100.0
ACCIDENTS (E800-E949, E980-E989) .....	1	104	14.6	20.0	1	81	22.4	26.4	1	23	6.5	10.7
ENTERITIS AND OTHER DIARRHEAL DISEASES (008, 009) .....	2	51	7.1	9.8	2	30	8.3	9.8	2	21	5.9	9.8
DISEASES OF THE HEART (390-429) .....	3	21	2.9	4.0	3	10	2.8	3.3	4	11	3.1	5.1
MEASLES (055) .....	4	19	2.7	3.6	-	7	1.9	2.3	3	12	3.4	5.6
TETANUS (037) .....	5	17	2.4	3.3	-	6	1.7	2.0	4	11	3.1	5.1
ANEMIAS (280-285) .....	-	13	1.8	2.5	4	8	2.2	2.6	-	5	1.4	2.3
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	-	15	2.1	2.9	4	8	2.2	2.6	-	7	2.0	3.3
PANAMA (1974) TOTAL DEATHS .....	-	493	114.5	100.0	-	268	123.1	100.0	-	225	105.8	100.0
ACCIDENTS (E800-E949, E980-E989) .....	1	108	25.1	21.9	1	70	32.1	26.1	1	38	17.9	16.9
ENTERITIS AND OTHER DIARRHEAL DISEASES (008, 009) .....	2	48	11.2	9.7	2	17	7.8	6.3	2	31	14.6	13.8
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	3	37	8.6	7.5	3	16	7.3	6.0	3	21	9.9	9.3
ANEMIAS (280-285) .....	4	28	6.5	5.7	4	15	6.9	5.6	4	13	6.1	5.8
MALIGNANT NEOPLASMS (140-209) .....	5	15	3.5	3.0	5	9	4.1	3.4	-	6	2.8	2.7
WHOOPING COUGH (033) .....	-	13	3.0	2.6	-	6	2.8	2.2	5	7	3.3	3.1
BRONCHITIS, EMPHYSEMA AND ASTHMA (490-493) .....	-	14	3.3	2.8	-	7	3.2	2.6	5	7	3.3	3.1
PARAGUAY (AREA OF INFORMATION) (1978) TOTAL DEATHS .....	-	417	89.3	100.0	-	222	92.9	100.0	-	195	85.5	100.0
ENTERITIS AND OTHER DIARRHEAL DISEASES (008, 009) .....	1	86	18.4	20.6	1	50	20.9	22.5	1	36	15.8	18.5
ACCIDENTS (E800-E949, E980-E989) .....	2	75	16.1	18.0	2	47	19.7	21.2	2	28	12.3	14.4
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	3	32	6.9	7.7	3	14	5.9	6.3	3	18	7.9	9.2
MALIGNANT NEOPLASMS (140-209) .....	4	15	3.2	3.6	4	7	2.9	3.2	4	8	3.5	4.1
MENINGITIS (320) .....	5	13	2.8	3.1	5	6	2.5	2.7	5	7	3.1	3.6
PERU (1978) TOTAL DEATHS .....	-	3300	73.1	100.0	-	1797	79.0	100.0	-	1503	67.2	100.0
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	1	531	11.8	16.1	2	294	12.9	16.4	1	237	10.6	15.8
ACCIDENTS (E800-E949, E980-E989) .....	2	499	11.1	15.1	1	318	14.0	17.7	2	181	8.1	12.0
ENTERITIS AND OTHER DIARRHEAL DISEASES (008, 009) .....	3	290	6.4	8.8	3	158	6.9	8.8	3	132	5.9	8.8
TUBERCULOSIS (010-019) .....	4	180	4.0	5.5	4	83	3.7	4.6	4	97	4.3	6.5
MALIGNANT NEOPLASMS (140-209) .....	5	123	2.7	3.7	5	63	2.8	3.5	5	60	2.7	4.0
MENINGITIS (320) .....	-	112	2.5	3.4	5	63	2.8	3.5	-	49	2.2	3.3
PUERTO RICO (1977) TOTAL DEATHS .....	-	263	34.2	100.0	-	165	42.4	100.0	-	98	25.9	100.0
ACCIDENTS (E800-E949, E980-E989) .....	1	103	13.4	39.2	1	79	20.3	47.9	1	24	6.3	24.5
MALIGNANT NEOPLASMS (140-209) .....	2	34	4.4	12.9	2	20	5.1	12.1	2	14	3.7	14.3
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	3	23	3.0	8.7	3	14	3.6	8.5	3	9	2.4	9.2
CONGENITAL ANOMALIES (740-759) .....	4	15	2.0	5.7	4	8	2.1	4.8	4	7	1.8	7.1
DISEASES OF THE HEART (390-429) .....	5	10	1.3	3.8	5	6	1.5	3.6	5	4	1.1	4.1
HOMICIDE, LEGAL INTERVENTION AND OPERATIONS OF WAR (E960-E978, E990-E999) .....	-	8	1.0	3.0	-	4	1.0	2.4	5	4	1.1	4.1





Table II-6e  
 FIVE LEADING CAUSES OF DEATH (ICD-8th REVISION) WITH RATES PER 100,000 POPULATION, AGES 15-44,  
 BY SEX AND COUNTRY

COUNTRY AND PRINCIPAL CAUSES	TOTAL				MALE				FEMALE			
	RANK ORDER	NUMBER	RATE	PER-CENT	RANK ORDER	NUMBER	RATE	PER-CENT	RANK ORDER	NUMBER	RATE	PER-CENT
ANTIGUA (1978) TOTAL DEATHS .....	-	40	155.0	100.0	-	25	213.7	100.0	-	15	106.4	100.0
ARGENTINA (1978) TOTAL DEATHS .....	-	22562	156.0	100.0	-	14019	240.9	100.0	-	8543	150.2	100.0
ACCIDENTS (E800-E949, E980-E989) .....	1	5537	48.1	24.5	1	4462	76.7	31.8	3	1075	18.9	12.6
DISEASES OF THE HEART (390-429) .....	2	3270	28.4	14.5	2	2123	36.5	15.1	2	1147	20.2	13.4
MALIGNANT NEOPLASMS (140-209).....	3	2931	25.5	13.0	3	1405	24.1	10.0	1	1526	26.8	17.9
CEREBROVASCULAR DISEASE (430-438) ....	4	1173	10.2	5.2	-	656	11.3	4.7	5	517	9.1	6.1
HOMICIDE, LEGAL INTERVENTION AND OPER- ATIONS OF WAR (E960-E978, E990-E999)	5	1010	8.8	4.5	4	827	14.2	5.9	-	183	3.2	2.1
SUICIDE (E950-E959) .....	-	978	8.5	4.3	5	664	11.4	4.7	-	314	5.5	3.7
COMPLICATIONS OF PREGNANCY, CHILDBIRTH AND THE PUERPERIUM (630-678) .....	-	544	4.7	2.4	-	-	-	-	4	544	9.6	6.4
BAHAMAS (1979) TOTAL DEATHS .....	-	228	250.5	100.0	-	142	315.6	100.0	-	86	187.0	100.0
ACCIDENTS (E800-E949, E980-E989) .....	1	64	70.3	28.1	1	46	102.2	32.4	1	18	39.1	20.9
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	2	27	29.7	11.8	2	17	37.8	12.0	3	10	21.7	11.6
MALIGNANT NEOPLASMS (140-209).....	3	22	24.2	9.6	4	10	22.2	7.0	2	12	26.1	14.0
HOMICIDE, LEGAL INTERVENTION AND OPER- ATIONS OF WAR (E960-E978, E990-E999)	3	22	24.2	9.6	2	17	37.8	12.0	5	5	10.9	5.8
CIRRHOSIS OF LIVER (571).....	5	14	15.4	6.1	5	7	15.6	4.9	4	7	15.2	8.1
DISEASES OF THE HEART (390-429) .....	-	12	13.2	5.3	5	7	15.6	4.9	5	5	10.9	5.8
CEREBROVASCULAR DISEASE (430-438) ....	-	8	8.8	3.5	5	7	15.6	4.9	-	1	2.2	1.2
BARBADOS (1978) TOTAL DEATHS .....	-	116	104.2	100.0	-	61	115.6	100.0	-	55	94.0	100.0
ACCIDENTS (E800-E949, E980-E989) .....	1	22	19.8	19.0	1	19	36.0	31.1	3	3	5.1	5.5
MALIGNANT NEOPLASMS (140-209).....	2	15	13.5	12.9	5	3	5.7	4.9	1	12	20.5	21.8
DISEASES OF THE HEART (390-429) .....	3	13	11.7	11.2	2	7	13.3	11.5	2	6	10.3	10.9
CEREBROVASCULAR DISEASE (430-438) ....	4	5	4.5	4.3	-	2	3.8	3.3	3	3	5.1	5.5
BRONCHITIS, EMPHYSEMA AND ASTHMA (490-493) .....	4	5	4.5	4.3	5	3	5.7	4.9	-	2	3.4	3.6
SUICIDE (E950-E959) .....	4	5	4.5	4.3	3	5	9.5	8.2	-	-	-	-
HOMICIDE, LEGAL INTERVENTION AND OPER- ATIONS OF WAR (E960-E978, E990-E999)	4	5	4.5	4.3	4	4	7.6	6.6	-	1	1.7	1.8
CIRRHOSIS OF LIVER (571).....	-	4	3.6	3.4	-	1	1.5	1.6	3	3	5.1	5.5
NEPHRITIS AND NEPHROSIS (580-584) ...	-	4	3.6	3.4	-	1	1.9	1.6	3	3	5.1	5.5
BELIZE (1979) TOTAL DEATHS .....	-	40	72.7	100.0	-	14	51.9	100.0	-	26	92.9	100.0
BERMUDA (1978) TOTAL DEATHS .....	-	32	114.7	100.0	-	24	168.9	100.0	-	8	58.4	100.0
CANADA (1978) TOTAL DEATHS .....	-	14262	127.7	100.0	-	10112	179.4	100.0	-	4150	75.1	100.0
ACCIDENTS (E800-E949, E980-E989) .....	1	5745	51.5	40.3	1	4554	80.8	45.0	1	1191	21.5	28.7
SUICIDE (E950-E959) .....	2	2106	18.9	14.8	2	1648	29.2	16.3	3	458	8.3	11.0
MALIGNANT NEOPLASMS (140-209).....	3	1936	17.3	13.6	4	982	17.4	9.7	2	954	17.3	23.0
DISEASES OF THE HEART (390-429) .....	4	1283	11.5	9.0	3	1006	17.9	9.9	4	277	5.0	6.7
HOMICIDE, LEGAL INTERVENTION AND OPER- ATIONS OF WAR (E960-E978, E990-E999)	5	388	3.5	2.7	5	275	4.9	2.7	-	113	2.0	2.7
CEREBROVASCULAR DISEASE (430-438) ....	-	344	3.1	2.4	-	171	3.0	1.7	5	173	3.1	4.2
CAYMAN ISLANDS (1979) TOTAL DEATHS .....	-	14	202.6	100.0	-	10	294.1	100.0	-	4	114.0	100.0

Table II-6e  
 FIVE LEADING CAUSES OF DEATH (ICD-8th REVISION) WITH RATES PER 100,000 POPULATION, AGES 15-44,  
 BY SEX AND COUNTRY

COUNTRY AND PRINCIPAL CAUSES	TOTAL				MALE				FEMALE			
	RANK ORDER	NUMBER	RATE	PER-CENT	RANK ORDER	NUMBER	RATE	PER-CENT	RANK ORDER	NUMBER	RATE	PER-CENT
CHILE (1979)												
TOTAL DEATHS .....	-	9633	186.0	100.0	-	6329	244.4	100.0	-	3304	127.7	100.0
ACCIDENTS (E800-E949, E980-E989) .....	1	3180	61.4	33.0	1	2706	104.5	42.8	2	474	18.3	14.3
MALIGNANT NEOPLASMS (140-209).....	2	1070	20.7	11.1	3	478	18.5	7.6	1	592	22.9	17.9
CIRRHOSIS OF LIVER (571).....	3	750	14.5	7.8	2	531	20.5	8.4	4	219	8.5	6.6
DISEASES OF THE HEART (390-429) .....	4	526	10.2	5.5	-	286	11.0	4.5	3	240	9.3	7.3
TUBERCULOSIS (010-019) .....	5	501	9.7	5.2	5	313	12.1	4.9	5	188	7.3	5.7
SUICIDE (E950-E959) .....	-	439	8.5	4.6	4	353	13.6	5.6	-	86	3.3	2.6
COLOMBIA (1977)												
TOTAL DEATHS .....	-	23898	226.1	100.0	-	14685	289.6	100.0	-	9213	167.6	100.0
ACCIDENTS (E800-E949, E980-E989) .....	1	5496	52.0	23.0	1	4401	86.8	30.0	2	1095	19.9	11.9
HOMICIDE, LEGAL INTERVENTION AND OPERATIONS OF WAR (E960-E978, E990-E999) .....	2	4254	40.3	17.8	2	3925	77.4	26.7	-	329	6.0	3.6
DISEASES OF THE HEART (390-429) .....	3	2114	20.0	8.8	3	1063	21.0	7.2	3	1051	19.1	11.4
MALIGNANT NEOPLASMS (140-209).....	4	1868	17.7	7.8	4	742	14.6	5.1	1	1126	20.5	12.2
COMPLICATIONS OF PREGNANCY, CHILDBIRTH AND THE PUERPERIUM (630-678) .....	5	1047	9.9	4.4	-	-	-	-	4	1047	19.0	11.4
TUBERCULOSIS (010-019) .....	-	876	8.3	3.7	5	442	8.7	3.0	-	434	7.9	4.7
CEREBROVASCULAR DISEASE (430-438) .....	-	1030	9.7	4.3	-	437	8.6	3.0	5	593	10.8	6.4
COSTA RICA (1979)												
TOTAL DEATHS .....	-	1381	134.6	100.0	-	956	184.9	100.0	-	425	83.5	100.0
ACCIDENTS (E800-E949, E980-E989) .....	1	501	48.8	36.3	1	452	87.4	47.3	3	49	9.6	11.5
MALIGNANT NEOPLASMS (140-209).....	2	170	16.6	12.3	2	86	16.6	9.0	1	84	16.5	19.8
DISEASES OF THE HEART (390-429) .....	3	138	13.5	10.0	3	80	15.5	8.4	2	58	11.4	13.6
HOMICIDE, LEGAL INTERVENTION AND OPERATIONS OF WAR (E960-E978, E990-E999) .....	4	64	6.2	4.6	4	55	10.6	5.8	-	9	1.8	2.1
SUICIDE (E950-E959) .....	5	50	4.9	3.6	5	40	7.7	4.2	-	10	2.0	2.4
COMPLICATIONS OF PREGNANCY, CHILDBIRTH AND THE PUERPERIUM (630-678) .....	-	28	2.7	2.0	-	-	-	-	4	28	5.5	6.6
CEREBROVASCULAR DISEASE (430-438) .....	-	35	3.4	2.5	-	17	3.3	1.8	5	18	3.5	4.2
CUBA (1978)												
TOTAL DEATHS .....	-	6149	152.0	100.0	-	3528	172.6	100.0	-	2621	131.0	100.0
ACCIDENTS (E800-E949, E980-E989) .....	1	2984	73.8	48.5	1	1975	96.6	56.0	1	1009	50.4	38.5
MALIGNANT NEOPLASMS (140-209).....	2	733	18.1	11.9	3	340	16.6	9.6	2	393	19.6	15.0
DISEASES OF THE HEART (390-429) .....	3	669	16.5	10.9	2	361	17.7	10.2	3	308	15.4	11.8
CEREBROVASCULAR DISEASE (430-438) .....	4	255	6.3	4.1	4	115	5.6	3.3	4	140	7.0	5.3
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	5	181	4.5	2.9	5	104	5.1	2.9	5	77	3.8	2.9
DOMINICA (1978)												
TOTAL DEATHS .....	-	44	167.9	100.0	-	22	184.9	100.0	-	22	153.8	100.0
DOMINICAN REPUBLIC (1978)												
TOTAL DEATHS .....	-	3290	159.7	100.0	-	1879	187.9	100.0	-	1411	133.0	100.0
ACCIDENTS (E800-E949, E980-E989) .....	1	673	32.7	20.5	1	554	55.4	29.5	3	119	11.2	8.4
DISEASES OF THE HEART (390-429) .....	2	294	14.3	8.9	2	162	16.2	8.6	1	132	12.4	9.4
MALIGNANT NEOPLASMS (140-209).....	3	201	9.8	6.1	5	81	8.1	4.3	2	120	11.3	8.5
TUBERCULOSIS (010-019) .....	4	188	9.1	5.7	4	97	9.7	5.2	5	91	8.6	6.4
HOMICIDE, LEGAL INTERVENTION AND OPERATIONS OF WAR (E960-E978, E990-E999) .....	5	157	7.6	4.8	3	127	12.7	6.8	-	30	2.8	2.1
COMPLICATIONS OF PREGNANCY, CHILDBIRTH AND THE PUERPERIUM (630-678) .....	-	92	4.5	2.8	-	-	-	-	4	92	8.7	6.5

Table II-6e  
 FIVE LEADING CAUSES OF DEATH (ICD-8th REVISION) WITH RATES PER 100,000 POPULATION, AGES 15-44,  
 BY SEX AND COUNTRY

COUNTRY AND PRINCIPAL CAUSES	TOTAL			MALE			FEMALE					
	RANK ORDER	NUMBER	RATE	PER-CENT	RANK ORDER	NUMBER	RATE	PER-CENT	RANK ORDER	NUMBER	RATE	PER-CENT
ECUADOR (1978)												
TOTAL DEATHS .....	-	8387	260.0	100.0	-	4828	297.3	100.0	-	3559	222.1	100.0
ACCIDENTS (E800-E949, E980-E989) .....	1	2102	65.2	25.1	1	1740	107.2	36.0	2	362	22.6	10.2
DISEASES OF THE HEART (390-429) .....	2	668	20.7	8.0	3	315	19.4	6.5	3	353	22.0	9.9
TUBERCULOSIS (010-019) .....	3	534	16.6	6.4	2	318	19.6	6.6	5	216	13.5	6.1
COMPLICATIONS OF PREGNANCY, CHILDBIRTH AND THE PUERPERIUM (630-678) .....	4	477	14.8	5.7	-	-	-	-	1	477	29.8	13.4
MALIGNANT NEOPLASMS (140-209) .....	5	373	11.6	4.4	-	141	8.7	2.9	4	232	14.5	6.5
HOMICIDE, LEGAL INTERVENTION AND OPERATIONS OF WAR (E960-E978, E990-E999) .....	-	344	10.7	4.1	4	293	18.0	6.1	-	51	3.2	1.4
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	-	372	11.5	4.4	5	182	11.2	3.8	-	190	11.9	5.3
EL SALVADOR (1974)												
TOTAL DEATHS .....	-	4985	316.3	100.0	-	3355	420.3	100.0	-	1630	209.6	100.0
HOMICIDE, LEGAL INTERVENTION AND OPERATIONS OF WAR (E960-E978, E990-E999) .....	1	952	60.4	19.1	1	902	113.0	26.9	-	50	6.4	3.1
ACCIDENTS (E800-E949, E980-E989) .....	2	919	58.3	18.4	2	766	96.0	22.8	1	153	19.7	9.4
SUICIDE (E950-E959) .....	3	359	22.8	7.2	3	285	35.7	8.5	5	74	9.5	4.5
MENTAL DISORDERS (290-315) .....	4	177	11.2	3.6	4	171	21.4	5.1	-	6	0.8	0.4
ENTERITIS AND OTHER DIARRHEAL DISEASES (008, 009) .....	5	145	9.2	2.9	-	64	8.0	1.9	4	81	10.4	5.0
TUBERCULOSIS (010-019) .....	-	113	7.2	2.3	5	70	8.8	2.1	-	43	5.5	2.6
COMPLICATIONS OF PREGNANCY, CHILDBIRTH AND THE PUERPERIUM (630-678) .....	-	141	8.9	2.8	-	-	-	-	2	141	18.1	8.7
MALIGNANT NEOPLASMS (140-209) .....	-	139	8.8	2.8	-	45	5.6	1.3	3	94	12.1	5.8
FALKLAND ISLANDS (1977)												
TOTAL DEATHS .....	-	2	227.3	100.0	-	1	196.1	100.0	-	1	270.3	100.0
FRENCH GUIANA (1978)												
TOTAL DEATHS .....	-	75	277.8	100.0	-	49	326.7	100.0	-	26	216.7	100.0
GUATEMALA (1978)												
TOTAL DEATHS .....	-	9661	336.5	100.0	-	5666	388.6	100.0	-	3995	282.7	100.0
ACCIDENTS (E800-E949, E980-E989) .....	1	2106	73.4	21.8	1	1854	127.2	32.7	4	252	17.8	6.3
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	2	983	34.2	10.2	3	462	31.7	8.2	1	521	36.9	13.0
ENTERITIS AND OTHER DIARRHEAL DISEASES (008, 009) .....	3	976	34.0	10.1	2	503	34.5	8.9	2	473	33.5	11.8
DISEASES OF THE HEART (390-429) .....	4	425	14.8	4.4	-	215	14.7	3.8	5	210	14.9	5.3
BACILLARY DYSENTERY AND AMEBIASIS (004, 006) .....	5	407	14.2	4.2	5	266	18.2	4.7	-	141	10.0	3.5
MENTAL DISORDERS (290-315) .....	-	334	11.6	3.5	4	304	20.9	5.4	-	30	2.1	0.8
COMPLICATIONS OF PREGNANCY, CHILDBIRTH AND THE PUERPERIUM (630-678) .....	-	331	11.5	3.4	-	-	-	-	3	331	23.4	8.3
GUYANA (1977)												
TOTAL DEATHS .....	-	813	239.8	100.0	-	492	296.4	100.0	-	321	185.5	100.0
ACCIDENTS (E800-E949, E980-E989) .....	1	250	73.7	30.8	1	200	120.5	40.7	1	50	28.9	15.6
DISEASES OF THE HEART (390-429) .....	2	91	26.8	11.2	2	56	33.7	11.4	2	35	20.2	10.9
CEREBROVASCULAR DISEASE (430-438) .....	3	54	15.9	6.6	3	30	18.1	6.1	4	24	13.9	7.5
MALIGNANT NEOPLASMS (140-209) .....	4	48	14.2	5.9	-	16	9.6	3.3	3	32	18.5	10.0
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	5	27	8.0	3.3	5	21	12.7	4.3	-	6	3.5	1.9
CIRRHOSIS OF LIVER (571) .....	-	26	7.7	3.2	4	22	13.3	4.5	-	4	2.3	1.2
COMPLICATIONS OF PREGNANCY, CHILDBIRTH AND THE PUERPERIUM (630-678) .....	-	24	7.1	3.0	-	-	-	-	4	24	13.9	7.5

Table II-6e  
 FIVE LEADING CAUSES OF DEATH (ICD-8th REVISION) WITH RATES PER 100,000 POPULATION, AGES 15-44,  
 BY SEX AND COUNTRY

COUNTRY AND PRINCIPAL CAUSES	TOTAL			MALE			FEMALE					
	RANK ORDER	NUMBER	RATE	PER-CENT	RANK ORDER	NUMBER	RATE	PER-CENT	RANK ORDER	NUMBER	RATE	PER-CENT
<b>HONDURAS (1978)</b>												
TOTAL DEATHS .....	-	3080	224.8	100.0	-	1891	274.5	100.0	-	1189	174.6	100.0
HOMICIDE, LEGAL INTERVENTION AND OPERATIONS OF WAR (E960-E978, E990-E999) .....	1	749	54.7	24.3	1	669	97.1	35.4	4	80	11.7	6.7
ACCIDENTS (E800-E949, E980-E989) .....	2	413	30.1	13.4	2	361	52.4	19.1	5	52	7.6	4.4
DISEASES OF THE HEART (390-429) .....	3	249	18.2	8.1	3	139	20.2	7.4	2	110	16.2	9.3
COMPLICATIONS OF PREGNANCY, CHILDBIRTH AND THE PUERPERIUM (630-678) .....	4	159	11.6	5.2	-	-	-	-	1	159	23.3	13.4
MALIGNANT NEOPLASMS (140-209) .....	5	126	9.2	4.1	4	44	6.4	2.3	3	82	12.0	6.9
ENTERITIS AND OTHER DIARRHEAL DISEASES (008, 009) .....	-	67	4.9	2.2	5	40	5.8	2.1	-	27	4.0	2.3
<b>JAMAICA (1971)</b>												
TOTAL DEATHS .....	-	1242	172.3	100.0	-	666	191.2	100.0	-	576	154.6	100.0
ACCIDENTS (E800-E949, E980-E989) .....	1	214	29.7	17.2	1	183	52.5	27.5	5	31	8.3	5.4
MALIGNANT NEOPLASMS (140-209) .....	2	148	20.5	11.9	3	49	14.1	7.4	1	99	26.6	17.2
DISEASES OF THE HEART (390-429) .....	3	142	19.7	11.4	2	72	20.7	10.8	3	70	18.8	12.2
COMPLICATIONS OF PREGNANCY, CHILDBIRTH AND THE PUERPERIUM (630-678) .....	4	86	11.9	6.9	-	-	-	-	2	86	23.1	14.9
CEREBROVASCULAR DISEASE (430-438) .....	5	76	10.5	6.1	4	38	10.9	5.7	4	38	10.2	6.6
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	-	63	8.7	5.1	5	34	9.8	5.1	-	29	7.8	5.0
<b>MARTINIQUE (1975)</b>												
TOTAL DEATHS .....	-	182	149.2	100.0	-	106	182.8	100.0	-	76	118.8	100.0
ACCIDENTS (E800-E949, E980-E989) .....	1	34	27.9	18.7	1	28	48.3	26.4	4	6	9.4	7.9
DISEASES OF THE HEART (390-429) .....	2	22	18.0	12.1	2	11	19.0	10.4	1	11	17.2	14.5
MALIGNANT NEOPLASMS (140-209) .....	3	16	13.1	8.8	4	9	15.5	8.5	2	7	10.9	9.2
MENTAL DISORDERS (290-315) .....	4	15	12.3	8.2	3	10	17.2	9.4	5	5	7.8	6.6
SUICIDE (E950-E959) .....	5	12	9.8	6.6	5	5	8.6	4.7	2	7	10.9	9.2
CEREBROVASCULAR DISEASE (430-438) .....	-	10	8.2	5.5	5	5	8.6	4.7	5	5	7.8	6.6
<b>MEXICO (1976)</b>												
TOTAL DEATHS .....	-	72131	282.3	100.0	-	46198	357.3	100.0	-	25662	203.3	100.0
ACCIDENTS (E800-E949, E980-E989) .....	1	20429	79.9	28.3	1	17353	134.2	37.6	1	2971	23.5	11.6
HOMICIDE, LEGAL INTERVENTION AND OPERATIONS OF WAR (E960-E978, E990-E999) .....	2	7150	28.0	9.9	2	6617	51.2	14.3	-	478	3.8	1.9
DISEASES OF THE HEART (390-429) .....	3	5263	20.6	7.3	4	2575	19.9	5.6	2	2675	21.2	10.4
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	4	3395	13.3	4.7	5	1909	14.8	4.1	5	1478	11.7	5.8
CIRRHOSIS OF LIVER (571) .....	5	3318	13.0	4.6	3	2745	21.2	5.9	-	569	4.5	2.2
COMPLICATIONS OF PREGNANCY, CHILDBIRTH AND THE PUERPERIUM (630-678) .....	-	2458	9.6	3.4	-	-	-	-	3	2458	19.5	9.6
MALIGNANT NEOPLASMS (140-209) .....	-	3240	12.7	4.5	-	1154	8.9	2.5	4	2081	16.5	8.1
<b>MONTserrat (1979)</b>												
TOTAL DEATHS .....	-	5	142.9	100.0	-	3	166.7	100.0	-	2	117.6	100.0
<b>NICARAGUA (1977)</b>												
TOTAL DEATHS .....	-	2323	252.7	100.0	-	1562	356.5	100.0	-	761	158.2	100.0
ACCIDENTS (E800-E949, E980-E989) .....	1	519	56.5	22.3	2	446	101.8	28.6	3	73	15.2	9.6
HOMICIDE, LEGAL INTERVENTION AND OPERATIONS OF WAR (E960-E978, E990-E999) .....	2	507	55.2	21.8	1	448	102.3	28.7	4	59	12.3	7.8
DISEASES OF THE HEART (390-429) .....	3	194	21.1	8.4	3	104	23.7	6.7	1	90	18.7	11.8
MALIGNANT NEOPLASMS (140-209) .....	4	80	8.7	3.4	5	23	5.2	1.5	5	57	11.8	7.5
COMPLICATIONS OF PREGNANCY, CHILDBIRTH AND THE PUERPERIUM (630-678) .....	5	76	8.3	3.3	-	-	-	-	2	76	15.8	10.0
CEREBROVASCULAR DISEASE (430-438) .....	-	51	5.5	2.2	4	24	5.5	1.5	-	27	5.6	3.5

Table II-6e  
 FIVE LEADING CAUSES OF DEATH (ICD-8th REVISION) WITH RATES PER 100,000 POPULATION, AGES 15-44,  
 BY SEX AND COUNTRY

COUNTRY AND PRINCIPAL CAUSES	TOTAL			MALE			FEMALE					
	RANK ORDER	NUMBER	RATE	PER-CENT	RANK ORDER	NUMBER	RATE	PER-CENT	RANK ORDER	NUMBER	RATE	PER-CENT
PANAMA (1974)												
TOTAL DEATHS .....	-	1274	195.5	100.0	-	739	226.1	100.0	-	535	164.6	100.0
ACCIDENTS (E800-E949, E980-E989) .....	1	361	55.4	28.3	1	304	93.0	41.1	1	57	17.5	10.7
MALIGNANT NEOPLASMS (140-209).....	2	86	13.2	6.8	2	41	12.5	5.5	2	45	13.8	8.4
DISEASES OF THE HEART (390-429) .....	3	73	11.2	5.7	3	36	11.0	4.9	4	37	11.4	6.9
TUBERCULOSIS (010-019) .....	4	71	10.9	5.6	3	36	11.0	4.9	5	35	10.8	6.5
ENTERITIS AND OTHER DIARRHEAL DISEASES (008, 009) .....	5	59	9.1	4.6	3	36	11.0	4.9	-	23	7.1	4.3
COMPLICATIONS OF PREGNANCY, CHILDBIRTH AND THE PUERPERIUM (630-678) .....	-	44	6.8	3.5	-	-	-	-	3	44	13.5	8.2
PARAGUAY (AREA OF INFORMATION) (1978)												
TOTAL DEATHS .....	-	1675	259.7	100.0	-	894	280.3	100.0	-	781	239.6	100.0
ACCIDENTS (E800-E949, E980-E989) .....	1	311	48.2	18.6	1	260	81.5	29.1	4	51	15.6	6.5
MALIGNANT NEOPLASMS (140-209).....	2	154	23.9	9.2	4	59	18.5	6.6	2	95	29.1	12.2
HOMICIDE, LEGAL INTERVENTION AND OPER- ATIONS OF WAR (E960-E978, E990-E999)	3	151	23.4	9.0	2	135	42.3	15.1	-	16	4.9	2.0
DISEASES OF THE HEART (390-429) .....	4	143	22.2	8.5	3	64	20.1	7.2	3	79	24.2	10.1
COMPLICATIONS OF PREGNANCY, CHILDBIRTH AND THE PUERPERIUM (630-678) .....	5	142	22.0	8.5	-	-	-	-	1	142	43.6	18.2
TUBERCULOSIS (010-019) .....	-	71	11.0	4.2	5	35	11.0	3.9	5	36	11.0	4.6
PERU (1978)												
TOTAL DEATHS .....	-	10831	151.5	100.0	-	5610	156.5	100.0	-	5221	146.6	100.0
ACCIDENTS (E800-E949, E980-E989) .....	1	1716	24.0	15.8	1	1359	37.9	24.2	5	357	10.0	6.8
TUBERCULOSIS (010-019) .....	2	1542	21.6	14.2	2	810	22.6	14.4	1	732	20.6	14.0
MALIGNANT NEOPLASMS (140-209).....	3	857	12.0	7.9	4	318	8.9	5.7	3	539	15.1	10.3
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	4	838	11.7	7.7	3	443	12.4	7.9	4	395	11.1	7.6
COMPLICATIONS OF PREGNANCY, CHILDBIRTH AND THE PUERPERIUM (630-678) .....	5	620	8.7	5.7	-	-	-	-	2	620	17.4	11.9
DISEASES OF THE HEART (390-429) .....	-	518	7.2	4.8	5	264	7.4	4.7	-	254	7.1	4.9
PUERTO RICO (1977)												
TOTAL DEATHS .....	-	2241	153.9	100.0	-	1622	233.0	100.0	-	619	81.4	100.0
ACCIDENTS (E800-E949, E980-E989) .....	1	544	37.4	24.3	1	464	66.7	28.6	2	80	10.5	12.9
HOMICIDE, LEGAL INTERVENTION AND OPER- ATIONS OF WAR (E960-E978, E990-E999)	2	375	25.8	16.7	2	330	47.4	20.3	4	45	5.9	7.3
MALIGNANT NEOPLASMS (140-209).....	3	205	14.1	9.1	-	88	12.6	5.4	1	117	15.4	18.9
DISEASES OF THE HEART (390-429) .....	4	197	13.5	8.8	4	132	19.0	8.1	3	65	8.6	10.5
SUICIDE (E950-E959) .....	5	160	11.0	7.1	3	137	19.7	8.4	-	23	3.0	3.7
CIRRHOSIS OF LIVER (571).....	-	128	8.8	5.7	5	100	14.4	6.2	-	28	3.7	4.5
CEREBROVASCULAR DISEASE (430-438) ....	-	58	4.0	2.6	-	29	4.2	1.8	5	29	3.8	4.7
ST. KITTS AND NEVIS (1978)												
TOTAL DEATHS .....	-	33	244.1	100.0	-	14	222.2	100.0	-	19	263.2	100.0
ST. PIERRE AND MIQUELON (1976)												
TOTAL DEATHS .....	-	2	93.5	100.0	-	2	180.2	100.0	-	-	-	-



Table II-6e  
 FIVE LEADING CAUSES OF DEATH (ICD-8th REVISION) WITH RATES PER 100,000 POPULATION, AGES 15-44,  
 BY SEX AND COUNTRY

COUNTRY AND PRINCIPAL CAUSES	TOTAL				MALE				FEMALE			
	RANK ORDER	NUMBER	RATE	PER-CENT	RANK ORDER	NUMBER	RATE	PER-CENT	RANK ORDER	NUMBER	RATE	PER-CENT
ST. VINCENT (1975) TOTAL DEATHS .....	-	37	92.3	100.0	-	21	116.0	100.0	-	16	72.7	100.0
SURINAME (1978) TOTAL DEATHS .....	-	297	204.9	100.0	-	171	240.3	100.0	-	126	170.7	100.0
ACCIDENTS (E800-E949, E980-E989) .....	1	80	55.2	26.9	1	71	99.8	41.5	4	9	12.2	7.1
DISEASES OF THE HEART (390-429) .....	2	30	20.7	10.1	2	17	23.5	9.9	3	13	17.6	10.3
MALIGNANT NEOPLASMS (140-209) .....	3	26	17.9	8.8	4	8	11.2	4.7	1	18	24.4	14.3
SUICIDE (E950-E959) .....	4	21	14.5	7.1	3	12	16.9	7.0	4	9	12.2	7.1
COMPLICATIONS OF PREGNANCY, CHILDBIRTH AND THE PUERPERIUM (630-678) .....	5	14	9.7	4.7	-	-	-	-	2	14	19.0	11.1
HOMICIDE, LEGAL INTERVENTION AND OPER- ATIONS OF WAR (E960-E978, E990-E999) .....	-	10	6.9	3.4	5	7	9.8	4.1	-	3	4.1	2.4
TRINIDAD AND TOBAGO (1977) TOTAL DEATHS .....	-	890	172.0	100.0	-	548	206.7	100.0	-	342	135.6	100.0
ACCIDENTS (E800-E949, E980-E989) .....	1	217	41.9	24.4	1	180	67.9	32.8	3	37	14.7	10.8
DISEASES OF THE HEART (390-429) .....	2	101	19.5	11.3	2	51	19.2	9.3	2	50	19.8	14.6
MALIGNANT NEOPLASMS (140-209) .....	3	89	17.2	10.0	5	36	13.6	6.6	1	53	21.0	15.5
SUICIDE (E950-E959) .....	4	70	13.5	7.9	3	49	18.5	8.9	5	21	8.3	6.1
HOMICIDE, LEGAL INTERVENTION AND OPER- ATIONS OF WAR (E960-E978, E990-E999) .....	5	43	8.3	4.8	4	40	15.1	7.3	-	3	1.2	0.9
COMPLICATIONS OF PREGNANCY, CHILDBIRTH AND THE PUERPERIUM (630-678) .....	-	22	4.3	2.5	-	-	-	-	4	22	8.7	6.4
UNITED STATES (1978) TOTAL DEATHS .....	-	152491	150.7	100.0	-	105437	209.9	100.0	-	47054	92.3	100.0
ACCIDENTS (E800-E949, E980-E989) .....	1	54006	53.4	35.4	1	42328	84.3	40.1	1	11678	22.9	24.8
MALIGNANT NEOPLASMS (140-209) .....	2	19454	19.2	12.8	5	9280	18.5	8.8	2	10174	20.0	21.6
DISEASES OF THE HEART (390-429) .....	3	15471	15.3	10.1	3	11418	22.7	10.8	3	4053	8.0	8.6
SUICIDE (E950-E959) .....	4	14618	14.4	9.6	4	11011	21.9	10.4	4	3607	7.1	7.7
HOMICIDE, LEGAL INTERVENTION AND OPER- ATIONS OF WAR (E960-E978, E990-E999) .....	5	14575	14.4	9.6	2	11601	23.1	11.0	5	2974	5.8	6.3
URUGUAY (1978) TOTAL DEATHS .....	-	1836	153.6	100.0	-	1140	193.8	100.0	-	695	114.4	100.0
ACCIDENTS (E800-E949, E980-E989) .....	1	442	37.0	24.1	1	334	56.8	29.3	2	107	17.6	15.4
MALIGNANT NEOPLASMS (140-209) .....	2	339	28.4	18.5	2	172	29.2	15.1	1	167	27.5	24.0
DISEASES OF THE HEART (390-429) .....	3	205	17.1	11.2	3	148	25.2	13.0	3	57	9.4	8.2
SUICIDE (E950-E959) .....	4	122	10.2	6.6	4	88	15.0	7.7	5	34	5.6	4.9
CEREBROVASCULAR DISEASE (430-438) .....	5	97	8.1	5.3	5	48	8.2	4.2	4	49	8.1	7.1
VENEZUELA (1978) TOTAL DEATHS .....	-	12119	211.2	100.0	-	8192	288.3	100.0	-	3927	135.6	100.0
ACCIDENTS (E800-E949, E980-E989) .....	1	4668	81.4	38.5	1	4014	141.3	49.0	1	654	22.6	16.7
MALIGNANT NEOPLASMS (140-209) .....	2	976	17.0	8.1	4	376	13.2	4.6	2	600	20.7	15.3
HOMICIDE, LEGAL INTERVENTION AND OPER- ATIONS OF WAR (E960-E978, E990-E999) .....	3	969	16.9	8.0	2	896	31.5	10.9	-	73	2.5	1.9
DISEASES OF THE HEART (390-429) .....	4	802	14.0	6.6	3	512	18.0	6.3	4	290	10.0	7.4
SUICIDE (E950-E959) .....	5	409	7.1	3.4	5	315	11.1	3.8	-	94	3.2	2.4
COMPLICATIONS OF PREGNANCY, CHILDBIRTH AND THE PUERPERIUM (630-678) .....	-	309	5.4	2.5	-	-	-	-	3	309	10.7	7.9
CEREBROVASCULAR DISEASE (430-438) .....	-	375	6.5	3.1	-	206	7.3	2.5	5	169	5.8	4.3
VIRGIN ISLANDS (UK) (1976) TOTAL DEATHS .....	-	3	56.8	100.0	-	2	67.1	100.0	-	1	43.5	100.0

Table II-6f  
 FIVE LEADING CAUSES OF DEATH (ICD-8th REVISION) WITH RATES PER 100,000 POPULATION, AGES 45-64,  
 BY SEX AND COUNTRY

COUNTRY AND PRINCIPAL CAUSES	TOTAL				MALE				FEMALE			
	RANK ORDER	NUMBER	RATE	PER-CENT	RANK ORDER	NUMBER	RATE	PER-CENT	RANK ORDER	NUMBER	RATE	PER-CENT
<b>ANTIGUA (1978)</b>												
TOTAL DEATHS .....	-	108	981.8	100.0	-	60	1071.4	100.0	-	48	888.9	100.0
CEREBROVASCULAR DISEASE (430-438) .....	1	25	227.3	23.1	1	17	303.6	28.3	3	8	148.1	16.7
MALIGNANT NEOPLASMS (140-209) .....	2	24	218.2	22.2	2	11	196.4	18.3	1	13	240.7	27.1
DISEASES OF THE HEART (390-429) .....	3	18	163.6	16.7	3	9	160.7	15.0	2	9	166.7	18.8
DIABETES MELLITUS (250) .....	4	7	63.6	6.5	4	4	71.4	6.7	4	3	55.6	6.3
CIRRHOSIS OF LIVER (571) .....	5	4	36.4	3.7	4	4	71.4	6.7	-	-	-	-
ANEMIAS (280-285) .....	-	3	27.3	2.8	-	1	17.9	1.7	5	2	37.0	4.2
<b>ARGENTINA (1978)</b>												
TOTAL DEATHS .....	-	56157	1067.6	100.0	-	37658	1454.5	100.0	-	18499	692.6	100.0
DISEASES OF THE HEART (390-429) .....	1	16197	307.9	28.8	1	11917	460.3	31.6	2	4280	160.2	23.1
MALIGNANT NEOPLASMS (140-209) .....	2	14471	275.1	25.8	2	8628	333.3	22.9	1	5843	218.8	31.6
CEREBROVASCULAR DISEASE (430-438) .....	3	5734	109.0	10.2	3	3540	136.7	9.4	3	2194	82.1	11.9
ACCIDENTS (E800-E949, E980-E989) .....	4	3170	60.3	5.6	4	2493	96.3	6.6	4	677	25.3	3.7
CIRRHOSIS OF LIVER (571) .....	5	2148	40.8	3.8	5	1664	64.3	4.4	-	484	18.1	2.6
DIABETES MELLITUS (250) .....	-	1365	26.0	2.4	-	737	28.5	2.0	5	628	23.5	3.4
<b>BAHAMAS (1979)</b>												
TOTAL DEATHS .....	-	326	1207.4	100.0	-	200	1538.5	100.0	-	126	900.0	100.0
MALIGNANT NEOPLASMS (140-209) .....	1	71	263.0	21.8	2	36	276.9	18.0	1	35	250.0	27.8
DISEASES OF THE HEART (390-429) .....	2	63	233.3	19.3	1	38	292.3	19.0	2	25	178.6	19.8
CEREBROVASCULAR DISEASE (430-438) .....	3	24	88.9	7.4	-	11	84.6	5.5	3	13	92.9	10.3
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	3	24	88.9	7.4	3	20	153.8	10.0	-	4	28.6	3.2
ACCIDENTS (E800-E949, E980-E989) .....	3	24	88.9	7.4	4	19	146.2	9.5	5	5	35.7	4.0
CIRRHOSIS OF LIVER (571) .....	-	23	85.2	7.1	5	15	115.4	7.5	4	8	57.1	6.3
<b>BARBADOS (1978)</b>												
TOTAL DEATHS .....	-	388	875.1	100.0	-	197	966.2	100.0	-	191	797.5	100.0
MALIGNANT NEOPLASMS (140-209) .....	1	102	230.0	26.3	2	44	215.8	22.3	1	58	242.2	30.4
DISEASES OF THE HEART (390-429) .....	1	102	230.0	26.3	1	55	269.7	27.9	2	47	196.2	24.6
CEREBROVASCULAR DISEASE (430-438) .....	3	37	83.4	9.5	3	17	83.4	8.6	3	20	83.5	10.5
DIABETES MELLITUS (250) .....	4	20	45.1	5.2	5	8	39.2	4.1	4	12	50.1	6.3
ACCIDENTS (E800-E949, E980-E989) .....	5	12	27.1	3.1	4	11	53.9	5.6	-	1	4.2	0.5
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	-	11	24.8	2.8	-	5	24.5	2.5	5	6	25.1	3.1
<b>BELIZE (1979)</b>												
TOTAL DEATHS .....	-	88	488.7	100.0	-	47	522.2	100.0	-	41	455.6	100.0
<b>BERMUDA (1978)</b>												
TOTAL DEATHS .....	-	83	745.1	100.0	-	54	989.0	100.0	-	29	510.6	100.0
<b>CANADA (1978)</b>												
TOTAL DEATHS .....	-	38526	855.6	100.0	-	25374	1151.3	100.0	-	13152	572.1	100.0
DISEASES OF THE HEART (390-429) .....	1	12938	287.3	33.6	1	9906	449.5	39.0	2	3032	131.9	23.1
MALIGNANT NEOPLASMS (140-209) .....	2	12459	276.7	32.3	2	6794	308.3	26.8	1	5665	246.4	43.1
ACCIDENTS (E800-E949, E980-E989) .....	3	2321	51.5	6.0	3	1663	75.5	6.6	4	658	28.6	5.0
CEREBROVASCULAR DISEASE (430-438) .....	4	1913	42.5	5.0	5	1089	49.4	4.3	3	824	35.8	6.3
CIRRHOSIS OF LIVER (571) .....	5	1638	36.4	4.3	4	1154	52.4	4.5	5	484	21.1	3.7
<b>CAYMAN ISLANDS (1979)</b>												
TOTAL DEATHS .....	-	23	888.0	100.0	-	17	1517.9	100.0	-	6	408.2	100.0
<b>CHILE (1979)</b>												
TOTAL DEATHS .....	-	17102	1104.7	100.0	-	10526	1420.4	100.0	-	6576	814.8	100.0
MALIGNANT NEOPLASMS (140-209) .....	1	3846	248.4	22.5	1	1945	262.5	18.5	1	1901	235.5	28.5
DISEASES OF THE HEART (390-429) .....	2	2207	142.6	12.9	3	1351	182.3	12.8	2	356	106.1	13.0
CIRRHOSIS OF LIVER (571) .....	3	2075	134.0	12.1	2	1507	203.4	14.3	4	568	70.4	8.6
ACCIDENTS (E800-E949, E980-E989) .....	4	1584	102.3	9.3	4	1320	178.1	12.5	5	264	32.7	4.0
CEREBROVASCULAR DISEASE (430-438) .....	5	1548	100.0	9.1	5	830	112.0	7.9	3	718	89.0	10.9

Table II-6f  
 FIVE LEADING CAUSES OF DEATH (ICD-8th REVISION) WITH RATES PER 100,000 POPULATION, AGES 45-64,  
 BY SEX AND COUNTRY

COUNTRY AND PRINCIPAL CAUSES	TOTAL			MALE			FEMALE					
	RANK ORDER	NUMBER	RATE	PER-CENT	RANK ORDER	NUMBER	RATE	PER-CENT	RANK ORDER	NUMBER	RATE	PER-CENT
<b>COLOMBIA (1977)</b>												
TOTAL DEATHS .....	-	25619	1000.3	100.0	-	14211	1132.0	100.0	-	11408	873.6	100.0
DISEASES OF THE HEART (390-429) .....	1	6629	258.8	25.9	1	3755	299.1	26.4	1	2874	220.1	25.2
MALIGNANT NEOPLASMS (140-209).....	2	4929	192.4	19.2	2	2131	169.7	15.0	2	2798	214.3	24.5
CEREBROVASCULAR DISEASE (430-438) .....	3	2632	102.8	10.3	4	1243	99.0	8.7	3	1389	106.4	12.2
ACCIDENTS (E800-E949, E980-E989) .....	4	1856	72.5	7.2	3	1454	115.8	10.2	4	402	30.8	3.5
HOMICIDE, LEGAL INTERVENTION AND OPERATIONS OF WAR (E960-E978, E990-E999)	5	803	31.4	3.1	5	749	59.7	5.3	-	54	4.1	0.5
DIABETES MELLITUS (250) .....	-	577	22.5	2.3	-	233	18.6	1.6	5	344	26.3	3.0
<b>COSTA RICA (1979)</b>												
TOTAL DEATHS .....	-	1611	672.6	100.0	-	958	806.8	100.0	-	653	540.6	100.0
MALIGNANT NEOPLASMS (140-209).....	1	442	184.5	27.4	1	219	184.4	22.9	1	223	184.6	34.2
DISEASES OF THE HEART (390-429) .....	2	310	129.4	19.2	2	198	166.8	20.7	2	112	92.7	17.2
ACCIDENTS (E800-E949, E980-E989) .....	3	156	65.1	9.7	3	135	113.7	14.1	5	21	17.4	3.2
CEREBROVASCULAR DISEASE (430-438) .....	4	113	47.2	7.0	4	56	47.2	5.8	3	57	47.2	8.7
DIABETES MELLITUS (250) .....	5	56	23.4	3.5	-	24	20.2	2.5	4	32	26.5	4.9
MENTAL DISORDERS (290-315) .....	-	33	13.8	2.0	5	31	26.1	3.2	-	2	1.7	0.3
CIRRHOSIS OF LIVER (571).....	-	48	20.0	3.0	5	31	26.1	3.2	-	17	14.1	2.6
<b>CUBA (1978)</b>												
TOTAL DEATHS .....	-	10844	755.2	100.0	-	6375	867.3	100.0	-	4469	637.5	100.0
DISEASES OF THE HEART (390-429) .....	1	3295	229.5	30.4	1	2125	289.1	33.3	2	1170	166.9	26.2
MALIGNANT NEOPLASMS (140-209).....	2	2797	194.8	25.8	2	1466	199.5	23.0	1	1331	189.9	29.8
CEREBROVASCULAR DISEASE (430-438) .....	3	1175	81.8	10.8	4	604	82.2	9.5	3	571	81.5	12.8
ACCIDENTS (E800-E949, E980-E989) .....	4	1165	81.1	10.7	3	864	117.6	13.6	4	301	42.9	6.7
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	5	391	27.2	3.6	5	222	30.2	3.5	-	169	24.1	3.8
DIABETES MELLITUS (250) .....	-	293	20.4	2.7	-	115	15.6	1.8	5	178	25.4	4.0
<b>DOMINICA (1978)</b>												
TOTAL DEATHS .....	-	71	682.7	100.0	-	41	872.3	100.0	-	30	526.3	100.0
<b>DOMINICAN REPUBLIC (1978)</b>												
TOTAL DEATHS .....	-	3437	735.7	100.0	-	2026	810.1	100.0	-	1411	649.9	100.0
DISEASES OF THE HEART (390-429) .....	1	576	123.3	16.8	1	347	138.7	17.1	1	229	105.5	16.2
MALIGNANT NEOPLASMS (140-209).....	2	360	77.1	10.5	2	189	75.6	9.3	2	171	78.8	12.1
CEREBROVASCULAR DISEASE (430-438) .....	3	305	65.3	8.9	3	174	69.6	8.6	3	131	60.3	9.3
CIRRHOSIS OF LIVER (571).....	4	188	40.2	5.5	5	125	50.0	6.2	4	63	29.0	4.5
ACCIDENTS (E800-E949, E980-E989) .....	5	177	37.9	5.1	4	132	52.8	6.5	5	45	20.7	3.2
<b>ECUADOR (1978)</b>												
TOTAL DEATHS .....	-	6915	850.7	100.0	-	4067	1010.7	100.0	-	2848	693.8	100.0
DISEASES OF THE HEART (390-429) .....	1	1065	131.0	15.4	2	603	149.9	14.8	2	462	112.6	16.2
MALIGNANT NEOPLASMS (140-209).....	2	903	111.1	13.1	3	348	86.5	8.6	1	555	135.2	19.5
ACCIDENTS (E800-E949, E980-E989) .....	3	809	99.5	11.7	1	629	156.3	15.5	4	180	43.9	6.3
CEREBROVASCULAR DISEASE (430-438) .....	4	474	58.3	6.9	4	282	70.1	6.9	3	192	46.8	6.7
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	5	298	36.7	4.3	-	169	42.0	4.2	5	129	31.4	4.5
TUBERCULOSIS (010-019) .....	-	292	35.9	4.2	5	195	48.5	4.8	-	97	23.6	3.4
<b>EL SALVADOR (1974)</b>												
TOTAL DEATHS .....	-	4521	1100.9	100.0	-	2636	1306.8	100.0	-	1885	902.1	100.0
DISEASES OF THE HEART (390-429) .....	1	312	76.0	6.9	3	175	86.8	6.6	2	137	65.6	7.3
ACCIDENTS (E800-E949, E980-E989) .....	2	279	67.9	6.2	1	229	113.5	8.7	-	50	23.9	2.7
MALIGNANT NEOPLASMS (140-209).....	3	255	62.1	5.6	-	90	44.6	3.4	1	165	79.0	8.8
ENTERITIS AND OTHER DIARRHEAL DISEASES (008, 009) .....	4	244	59.4	5.4	5	140	69.4	5.3	3	104	49.8	5.5
HOMICIDE, LEGAL INTERVENTION AND OPERATIONS OF WAR (E960-E978, E990-E999)	5	231	56.3	5.1	2	219	108.6	8.3	-	12	5.7	0.6
MENTAL DISORDERS (290-315) .....	-	170	41.4	3.8	4	162	40.3	6.1	-	8	3.8	0.4
CEREBROVASCULAR DISEASE (430-438) .....	-	170	41.4	3.8	-	90	44.6	3.4	4	80	38.3	4.2
ANEMIAS (280-295) .....	-	118	28.7	2.6	-	64	31.7	2.4	5	54	25.8	2.9

Table II-6f  
 FIVE LEADING CAUSES OF DEATH (ICD-8th REVISION) WITH RATES PER 100,000 POPULATION, AGES 45-64,  
 BY SEX AND COUNTRY

COUNTRY AND PRINCIPAL CAUSES	TOTAL			MALE			FEMALE					
	RANK ORDER	NUMBER	RATE	PER-CENT	RANK ORDER	NUMBER	RATE	PER-CENT	RANK ORDER	NUMBER	RATE	PER-CENT
<b>FALKLAND ISLANDS (1977)</b> TOTAL DEATHS .....	-	10	2381.0	100.0	-	6	2400.0	100.0	-	4	2352.9	100.0
<b>FRENCH GUIANA (1978)</b> TOTAL DEATHS .....	-	100	1111.1	100.0	-	74	1480.0	100.0	-	26	650.0	100.0
MALIGNANT NEOPLASMS (140-209).....	1	21	233.3	21.0	1	14	280.0	18.9	1	7	175.0	26.9
DISEASES OF THE HEART (390-429) .....	2	11	122.2	11.0	5	5	100.0	6.8	2	6	150.0	23.1
CEREBROVASCULAR DISEASE (430-438) .....	2	11	122.2	11.0	2	11	220.0	14.9	-	-	-	-
ACCIDENTS (E800-E949, E980-E989) .....	2	11	122.2	11.0	3	10	200.0	13.5	4	1	25.0	3.8
CIRRHOSIS OF LIVER (571).....	5	9	100.0	9.0	4	7	140.0	9.5	3	2	50.0	7.7
DIABETES MELLITUS (250) .....	-	2	22.2	2.0	-	1	20.0	1.4	4	1	25.0	3.8
ANEMIAS (280-285) .....	-	1	11.1	1.0	-	-	-	-	4	1	25.0	3.8
HOMICIDE, LEGAL INTERVENTION AND OPERATIONS OF WAR (E960-E978, E990-E999) .....	-	1	11.1	1.0	-	-	-	-	4	1	25.0	3.8
<b>GUATEMALA (1978)</b> TOTAL DEATHS .....	-	7253	1042.1	100.0	-	4286	1231.6	100.0	-	2967	852.6	100.0
ENTERITIS AND OTHER DIARRHEAL DISEASES (008, 009) .....	1	880	126.4	12.1	1	504	144.8	11.8	2	376	108.0	12.7
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	2	741	106.5	10.2	2	411	118.1	9.6	3	330	94.8	11.1
MALIGNANT NEOPLASMS (140-209).....	3	703	101.0	9.7	5	300	86.2	7.0	1	403	115.8	13.6
DISEASES OF THE HEART (390-429) .....	4	623	89.5	8.6	3	339	97.4	7.9	4	284	81.6	9.6
ACCIDENTS (E800-E949, E980-E989) .....	5	438	62.9	6.0	4	337	96.8	7.9	5	101	29.0	3.4
CEREBROVASCULAR DISEASE (430-438) .....	-	235	33.8	3.2	-	134	38.5	3.1	5	101	29.0	3.4
<b>GUYANA (1977)</b> TOTAL DEATHS .....	-	1378	1548.3	100.0	-	853	1895.6	100.0	-	525	1193.2	100.0
DISEASES OF THE HEART (390-429) .....	1	348	391.0	25.3	1	227	504.4	26.6	2	121	275.0	23.0
CEREBROVASCULAR DISEASE (430-438) .....	2	265	297.8	19.2	2	139	308.9	16.3	1	126	286.4	24.0
MALIGNANT NEOPLASMS (140-209).....	3	129	144.9	9.4	4	57	126.7	6.7	3	72	163.6	13.7
ACCIDENTS (E800-E949, E980-E989) .....	4	106	119.1	7.7	3	90	200.0	10.6	5	16	36.4	3.0
DIABETES MELLITUS (250) .....	5	62	69.7	4.5	-	32	71.1	3.8	4	30	68.2	5.7
CIRRHOSIS OF LIVER (571).....	5	62	69.7	4.5	5	55	122.2	6.4	-	7	15.9	1.3
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	-	42	47.2	3.0	-	26	57.8	3.0	5	16	36.4	3.0
<b>HONDURAS (1978)</b> TOTAL DEATHS .....	-	2456	728.8	100.0	-	1362	810.7	100.0	-	1094	647.3	100.0
DISEASES OF THE HEART (390-429) .....	1	403	119.6	16.4	1	221	131.5	16.2	1	182	107.7	16.6
HOMICIDE, LEGAL INTERVENTION AND OPERATIONS OF WAR (E960-E978, E990-E999) .....	2	210	62.3	8.6	2	186	110.7	13.7	-	24	14.2	2.2
MALIGNANT NEOPLASMS (140-209).....	3	178	52.8	7.2	4	65	38.7	4.8	2	113	66.9	10.3
CEREBROVASCULAR DISEASE (430-438) .....	4	123	36.5	5.0	5	61	36.3	4.5	3	62	36.7	5.7
ACCIDENTS (E800-E949, E980-E989) .....	5	99	29.4	4.0	3	90	53.6	6.6	-	9	5.3	0.8
ENTERITIS AND OTHER DIARRHEAL DISEASES (008, 009) .....	-	94	27.9	3.8	-	45	26.8	3.3	4	49	29.0	4.5
BRONCHITIS, EMPHYSEMA AND ASTHMA (490-493) .....	-	52	15.4	2.1	-	19	11.3	1.4	5	33	19.5	3.0
<b>JAMAICA (1971)</b> TOTAL DEATHS .....	-	3139	1277.5	100.0	-	1791	1542.6	100.0	-	1348	1040.1	100.0
DISEASES OF THE HEART (390-429) .....	1	680	276.8	21.7	1	415	357.5	23.2	2	265	204.5	19.7
MALIGNANT NEOPLASMS (140-209).....	2	644	262.1	20.5	2	304	261.8	17.0	1	340	262.3	25.2
CEREBROVASCULAR DISEASE (430-438) .....	3	509	207.2	16.2	3	247	212.7	13.8	3	262	202.2	19.4
DIABETES MELLITUS (250) .....	4	241	98.1	7.7	4	108	93.0	6.0	4	133	102.6	9.9
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	5	113	46.0	3.6	-	73	62.5	4.1	5	40	30.9	3.0
ACCIDENTS (E800-E949, E980-E989) .....	-	110	44.3	3.5	5	96	82.7	5.4	-	14	10.8	1.0

Table II-6f  
 FIVE LEADING CAUSES OF DEATH (ICD-8th REVISION) WITH RATES PER 100,000 POPULATION, AGES 45-64,  
 BY SEX AND COUNTRY

COUNTRY AND PRINCIPAL CAUSES	TOTAL			MALE			FEMALE					
	RANK ORDER	NUMBER	RATE	PER-CENT	RANK ORDER	NUMBER	RATE	PER-CENT	RANK ORDER	NUMBER	RATE	PER-CENT
MARTINIQUE (1975) TOTAL DEATHS .....	-	588	1306.7	100.0	-	367	1747.6	100.0	-	221	920.8	100.0
MALIGNANT NEOPLASMS (140-209).....	1	113	251.1	19.2	1	73	347.6	19.9	2	40	166.7	18.1
MENTAL DISORDERS (290-315) .....	2	86	151.1	14.6	2	63	300.0	17.2	3	23	95.8	10.4
DISEASES OF THE HEART (390-429) .....	3	80	177.8	13.6	3	36	171.4	9.8	1	44	183.3	19.9
CIRRHOSIS OF LIVER (571).....	4	33	84.4	6.5	5	21	100.0	5.7	5	17	70.8	7.7
CEREBROVASCULAR DISEASE (430-438) .....	5	35	80.0	6.1	-	17	81.0	4.6	4	19	79.2	8.6
ACCIDENTS (E800-E949, E980-E989) .....	-	33	73.3	5.6	4	23	109.5	6.3	-	10	41.7	4.5
MEXICO (1976) TOTAL DEATHS .....	-	65514	1130.4	100.0	-	38931	1371.0	100.0	-	26421	893.9	100.0
DISEASES OF THE HEART (390-429) .....	1	9990	172.4	15.2	1	5694	200.5	14.6	2	4280	144.8	16.2
MALIGNANT NEOPLASMS (140-209).....	2	7514	129.7	11.5	4	2895	101.6	7.4	1	4624	156.4	17.5
ACCIDENTS (E800-E949, E980-E989) .....	3	6452	111.3	9.8	2	5225	184.0	13.4	-	1204	40.7	4.6
CIRRHOSIS OF LIVER (571).....	4	5456	94.1	8.3	3	4263	150.1	11.0	-	1184	40.1	4.5
DIABETES MELLITUS (250) .....	5	4178	72.1	6.4	-	2015	71.0	5.2	3	2156	72.9	8.2
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	-	3827	66.0	5.8	5	2254	79.4	5.8	4	1565	52.9	5.9
CEREBROVASCULAR DISEASE (430-438) .....	-	3133	54.1	4.8	-	1603	56.5	4.1	5	1526	51.6	5.8
MONTSERRAT (1979) TOTAL DEATHS .....	-	13	684.2	100.0	-	10	1250.0	100.0	-	3	272.7	100.0
NICARAGUA (1977) TOTAL DEATHS .....	-	1800	850.9	100.0	-	1008	989.8	100.0	-	792	722.0	100.0
DISEASES OF THE HEART (390-429) .....	1	337	159.3	18.7	1	180	176.8	17.9	1	157	143.1	19.8
MALIGNANT NEOPLASMS (140-209).....	2	165	78.0	9.2	5	47	46.2	4.7	2	118	107.6	14.9
ACCIDENTS (E800-E949, E980-E989) .....	3	137	64.8	7.6	2	111	109.0	11.0	4	26	23.7	3.3
CEREBROVASCULAR DISEASE (430-438) .....	4	116	54.8	6.4	4	60	58.9	6.0	3	56	51.1	7.1
HOMICIDE, LEGAL INTERVENTION AND OPERATIONS OF WAR (E960-E978, E990-E999)	5	115	54.4	6.4	3	101	99.2	10.0	-	14	12.8	1.8
DIABETES MELLITUS (250) .....	-	42	19.9	2.3	-	17	16.7	1.7	5	25	22.8	3.2
PANAMA (1974) TOTAL DEATHS .....	-	1508	823.1	100.0	-	948	975.6	100.0	-	560	650.8	100.0
MALIGNANT NEOPLASMS (140-209).....	1	255	139.2	16.9	2	144	148.2	15.2	1	111	129.0	19.8
DISEASES OF THE HEART (390-429) .....	2	247	134.8	16.4	1	168	172.9	17.7	2	79	91.8	14.1
CEREBROVASCULAR DISEASE (430-438) .....	3	154	84.1	10.2	4	91	93.7	9.6	3	63	73.2	11.3
ACCIDENTS (E800-E949, E980-E989) .....	4	136	74.2	9.0	3	112	115.3	11.8	5	24	27.9	4.3
TUBERCULOSIS (010-019) .....	5	60	32.7	4.0	5	41	42.2	4.3	-	19	22.1	3.4
DIABETES MELLITUS (250) .....	-	44	24.0	2.9	-	18	18.5	1.9	4	26	30.2	4.6
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	-	57	31.1	3.8	-	33	34.0	3.5	5	24	27.9	4.3
PARAGUAY (AREA OF INFORMACION) (1978) TOTAL DEATHS .....	-	1968	1063.8	100.0	-	1060	1177.8	100.0	-	908	955.8	100.0
DISEASES OF THE HEART (390-429) .....	1	377	203.8	19.2	1	237	263.3	22.4	2	140	147.4	15.4
MALIGNANT NEOPLASMS (140-209).....	2	315	170.3	16.0	2	111	123.3	10.5	1	204	214.7	22.5
CEREBROVASCULAR DISEASE (430-438) .....	3	236	127.6	12.0	3	105	116.7	9.9	3	131	137.9	14.4
ACCIDENTS (E800-E949, E980-E989) .....	4	116	62.7	5.9	4	89	98.9	8.4	-	27	28.4	3.0
TUBERCULOSIS (010-019) .....	5	80	43.2	4.1	5	48	53.3	4.5	5	32	33.7	3.5
DIABETES MELLITUS (250) .....	-	54	29.2	2.7	-	14	15.6	1.3	4	40	42.1	4.4

Table II-6f  
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 BY SEX AND COUNTRY

COUNTRY AND PRINCIPAL CAUSES	TOTAL			MALE			FEMALE					
	RANK ORDER	NUMBER	RATE	PER-CENT	RANK ORDER	NUMBER	RATE	PER-CENT	RANK ORDER	NUMBER	RATE	PER-CENT
<b>PERU (1978)</b>												
TOTAL DEATHS .....	-	10115	555.8	100.0	-	5659	627.3	100.0	-	4456	485.6	100.0
MALIGNANT NEOPLASMS (140-209).....	1	2008	110.3	19.9	1	828	91.8	14.6	1	1180	128.6	26.5
DISEASES OF THE HEART (390-429) .....	2	1013	55.7	10.0	2	611	67.7	10.8	2	402	43.8	9.0
TUBERCULOSIS (010-019) .....	3	962	52.9	9.5	3	589	65.3	10.4	3	373	40.6	8.4
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	4	825	45.3	8.2	5	459	50.9	8.1	4	366	39.9	8.2
ACCIDENTS (E800-E949, E980-E989) .....	5	698	38.4	6.9	4	561	62.2	9.9	-	137	14.9	3.1
CEREBROVASCULAR DISEASE (430-438) .....	-	461	25.3	4.6	-	253	28.0	4.5	5	208	22.7	4.7
<b>PUERTO RICO (1977)</b>												
TOTAL DEATHS .....	-	4128	837.3	100.0	-	2663	1100.4	100.0	-	1465	583.7	100.0
DISEASES OF THE HEART (390-429) .....	1	1111	225.4	26.9	1	710	293.4	26.7	1	401	159.8	27.4
MALIGNANT NEOPLASMS (140-209).....	2	933	189.2	22.6	2	546	225.6	20.5	2	387	154.2	26.4
CIRRHOSIS OF LIVER (571).....	3	365	74.0	8.8	3	297	122.7	11.2	4	68	27.1	4.6
CEREBROVASCULAR DISEASE (430-438) .....	4	272	55.2	6.6	5	138	57.0	5.2	3	134	53.4	9.1
ACCIDENTS (E800-E949, E980-E989) .....	5	203	41.2	4.9	4	166	68.6	6.2	-	37	14.7	2.5
DIABETES MELLITUS (250) .....	-	126	25.6	3.1	-	63	26.0	2.4	5	63	25.1	4.3
<b>ST. KITTS AND NEVIS (1978)</b>												
TOTAL DEATHS .....	-	102	1312.7	100.0	-	57	1623.9	100.0	-	45	1056.3	100.0
DISEASES OF THE HEART (390-429) .....	1	23	256.0	22.5	1	16	455.8	28.1	3	7	164.3	15.6
CEREBROVASCULAR DISEASE (430-438) .....	1	23	296.0	22.5	2	10	284.9	17.5	1	13	305.2	28.9
MALIGNANT NEOPLASMS (140-209).....	3	14	180.2	13.7	3	6	170.9	10.5	2	8	187.8	17.8
DIABETES MELLITUS (250) .....	4	4	51.5	3.9	4	2	57.0	3.5	4	2	46.9	4.4
MENTAL DISORDERS (290-315) .....	5	3	38.6	2.9	-	1	28.5	1.8	4	2	46.9	4.4
MENINGITIS (320) .....	-	2	25.7	2.0	4	2	57.0	3.5	-	-	-	-
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	-	2	25.7	2.0	4	2	57.0	3.5	-	-	-	-
CIRRHOSIS OF LIVER (571).....	-	2	25.7	2.0	-	-	-	-	4	2	46.9	4.4
<b>ST. PIERRE AND MIQUELON (1976)</b>												
TOTAL DEATHS .....	-	7	833.3	100.0	-	6	1500.0	100.0	-	1	227.3	100.0
<b>ST. VINCENT (1979)</b>												
TOTAL DEATHS .....	-	101	782.9	100.0	-	52	563.0	100.0	-	49	653.3	100.0
DISEASES OF THE HEART (390-429) .....	1	35	271.3	34.7	1	16	296.3	30.8	1	19	253.3	38.8
MALIGNANT NEOPLASMS (140-209).....	2	16	124.0	15.8	2	8	148.1	15.4	3	8	106.7	16.3
DIABETES MELLITUS (250) .....	3	10	77.5	9.9	-	-	-	-	2	10	133.3	20.4
TUBERCULOSIS (010-019) .....	4	5	38.8	5.0	3	3	55.6	5.8	4	2	26.7	4.1
CEREBROVASCULAR DISEASE (430-438) .....	5	2	15.5	2.0	4	2	37.0	3.8	-	-	-	-
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	5	2	15.5	2.0	-	-	-	-	4	2	26.7	4.1
PEPTIC ULCER (531-533) .....	5	2	15.5	2.0	4	2	37.0	3.8	-	-	-	-
CIRRHOSIS OF LIVER (571).....	5	2	15.5	2.0	4	2	37.0	3.8	-	-	-	-
<b>SURINAME (1978)</b>												
TOTAL DEATHS .....	-	455	1149.6	100.0	-	309	1570.1	100.0	-	146	733.7	100.0
DISEASES OF THE HEART (390-429) .....	1	119	300.7	26.2	1	78	396.3	25.2	1	41	206.0	28.1
MALIGNANT NEOPLASMS (140-209).....	2	62	156.6	13.6	3	29	147.4	9.4	2	33	165.8	22.6
ACCIDENTS (E800-E949, E980-E989) .....	3	33	96.0	8.4	2	32	162.6	10.4	4	6	30.2	4.1
DIABETES MELLITUS (250) .....	4	26	65.7	5.7	-	16	81.3	5.2	3	10	50.3	6.8
CEREBROVASCULAR DISEASE (430-438) .....	5	25	63.2	5.5	5	21	106.7	6.8	5	4	20.1	2.7
CIRRHOSIS OF LIVER (571).....	-	24	60.6	5.3	4	23	116.9	7.4	-	1	5.0	0.7



Table II-6f  
 FIVE LEADING CAUSES OF DEATH (ICD-8th REVISION) WITH RATES PER 100,000 POPULATION, AGES 45-64,  
 BY SEX AND COUNTRY

COUNTRY AND PRINCIPAL CAUSES	TOTAL				MALE				FEMALE			
	RANK ORDER	NUMBER	RATE	PER-CENT	RANK ORDER	NUMBER	RATE	PER-CENT	RANK ORDER	NUMBER	RATE	PER-CENT
TRINIDAD AND TOBAGO (1977)												
TOTAL DEATHS .....	-	1999	1304.8	100.0	-	1180	1526.0	100.0	-	819	1079.5	100.0
DISEASES OF THE HEART (390-429) .....	1	586	382.5	29.3	1	356	460.4	30.2	1	230	303.2	28.1
CEREBROVASCULAR DISEASE (430-438) ....	2	273	178.2	13.7	2	160	206.9	13.6	4	113	148.9	13.8
DIABETES MELLITUS (250) .....	3	263	171.7	13.2	3	113	146.1	9.6	2	150	197.7	18.3
MALIGNANT NEOPLASMS (140-209).....	4	250	163.2	12.5	3	113	146.1	9.6	3	137	180.6	16.7
ACCIDENTS (E800-E949, E980-E989) .....	5	112	73.1	5.6	5	95	122.9	8.1	-	17	22.4	2.1
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	-	53	34.6	2.7	-	29	37.5	2.5	5	24	31.6	2.9
UNITED STATES (1978)												
TOTAL DEATHS .....	-	434246	972.6	100.0	-	276119	1290.5	100.0	-	158127	680.1	100.0
DISEASES OF THE HEART (390-429) .....	1	152471	341.5	35.1	1	111422	520.8	40.4	2	41049	176.5	26.0
MALIGNANT NEOPLASMS (140-209).....	2	134115	300.4	30.9	2	72674	339.7	26.3	1	61441	264.3	38.9
CEREBROVASCULAR DISEASE (430-438) ....	3	21670	48.5	5.0	4	11562	54.0	4.2	3	10108	43.5	6.4
ACCIDENTS (E800-E949, E980-E989) .....	4	19729	44.2	4.5	3	14107	65.9	5.1	4	5622	24.2	3.6
CIRRHOSIS OF LIVER (571).....	5	16449	36.8	3.8	5	10869	50.8	3.9	5	5580	24.0	3.5
URUGUAY (1978)												
TOTAL DEATHS .....	-	6436	1046.3	100.0	-	4250	1411.0	100.0	-	2186	696.4	100.0
MALIGNANT NEOPLASMS (140-209).....	1	2108	342.7	32.8	1	1288	427.6	30.3	1	820	261.2	37.5
DISEASES OF THE HEART (390-429) .....	2	1501	244.0	23.3	2	1121	372.2	26.4	2	380	121.1	17.4
CEREBROVASCULAR DISEASE (430-438) ....	3	563	91.5	8.7	3	309	102.6	7.3	3	254	80.9	11.6
ACCIDENTS (E800-E949, E980-E989) .....	4	287	46.7	4.5	4	211	70.1	5.0	4	76	24.2	3.5
DIABETES MELLITUS (250) .....	5	150	24.4	2.3	-	74	24.6	1.7	4	76	24.2	3.5
CIRRHOSIS OF LIVER (571).....	-	147	23.9	2.3	5	115	38.2	2.7	-	32	10.2	1.5
VENEZUELA (1978)												
TOTAL DEATHS .....	-	14589	1038.4	100.0	-	8923	1251.5	100.0	-	5666	818.8	100.0
DISEASES OF THE HEART (390-429) .....	1	3436	244.6	23.6	1	2228	312.5	25.0	2	1208	174.6	21.3
MALIGNANT NEOPLASMS (140-209).....	2	2668	189.9	18.3	2	1252	175.6	14.0	1	1416	204.6	25.0
ACCIDENTS (E800-E949, E980-E989) .....	3	1331	94.7	9.1	3	1081	151.6	12.1	5	250	36.1	4.4
CEREBROVASCULAR DISEASE (430-438) ....	4	1178	83.8	8.1	4	689	96.6	7.7	3	489	70.7	8.6
DIABETES MELLITUS (250) .....	5	553	39.4	3.8	-	269	37.7	3.0	4	284	41.0	5.0
CIRRHOSIS OF LIVER (571).....	-	480	34.2	3.3	5	382	53.6	4.3	-	98	14.2	1.7
VIRGIN ISLANDS (UK) (1976)												
TOTAL DEATHS .....	-	6	419.6	100.0	-	4	533.3	100.0	-	2	294.1	100.0

Table II-6g  
 FIVE LEADING CAUSES OF DEATH (ICD-8th REVISION) WITH RATES PER 100,000 POPULATION, AGE 65 AND  
 OVER, BY SEX AND COUNTRY

COUNTRY AND PRINCIPAL CAUSES	TOTAL				MALE				FEMALE			
	RANK ORDER	NUMBER	RATE	PER-CENT	RANK ORDER	NUMBER	RATE	PER-CENT	RANK ORDER	NUMBER	RATE	PER-CENT
<b>ANTIGUA (1978)</b>												
TOTAL DEATHS .....	-	178	3787.2	100.0	-	73	4055.6	100.0	-	105	3620.7	100.0
CEREBROVASCULAR DISEASE (430-438) ....	1	43	914.9	24.2	2	16	888.5	21.9	1	27	931.0	25.7
DISEASES OF THE HEART (390-429) .....	2	35	744.7	19.7	1	19	1055.6	26.0	2	16	551.7	15.2
MALIGNANT NEOPLASMS (140-209).....	3	24	510.6	13.5	3	12	666.7	16.4	3	12	413.8	11.4
DIABETES MELLITUS (250) .....	4	9	191.5	5.1	4	3	166.7	4.1	4	6	206.9	5.7
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	5	7	148.9	3.9	4	3	166.7	4.1	5	4	137.9	3.8
ACCIDENTS (E800-E949, E980-E989) .....	-	4	85.1	2.2	4	3	166.7	4.1	-	1	34.5	1.0
<b>ARGENTINA (1978)</b>												
TOTAL DEATHS .....	-	117939	5610.8	100.0	-	62522	6526.3	100.0	-	55417	4844.1	100.0
DISEASES OF THE HEART (390-429) .....	1	43881	2087.6	37.2	1	22845	2384.7	36.5	1	21036	1838.8	38.0
MALIGNANT NEOPLASMS (140-209).....	2	21490	1022.4	18.2	2	12345	1288.6	19.7	2	9145	799.4	16.5
CEREBROVASCULAR DISEASE (430-438) ....	3	15185	722.4	12.9	3	7304	762.4	11.7	3	7881	688.9	14.2
DIABETES MELLITUS (250) .....	4	3243	154.3	2.7	5	1432	149.5	2.3	4	1811	158.3	3.3
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	5	2527	120.2	2.1	-	1366	142.6	2.2	5	1161	101.5	2.1
ACCIDENTS (E800-E949, E980-E989) .....	-	2503	119.1	2.1	4	1504	157.0	2.4	-	999	87.3	1.8
<b>BAHAMAS (1979)</b>												
TOTAL DEATHS .....	-	436	6228.6	100.0	-	212	10600.0	100.0	-	224	4480.0	100.0
DISEASES OF THE HEART (390-429) .....	1	86	1228.6	19.7	1	43	2150.0	20.3	1	43	860.0	19.2
MALIGNANT NEOPLASMS (140-209).....	2	61	871.4	14.0	2	30	1500.0	14.2	2	31	620.0	13.8
CEREBROVASCULAR DISEASE (430-438) ....	3	55	785.7	12.6	3	29	1450.0	13.7	3	26	520.0	11.6
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	4	48	685.7	11.0	4	23	1150.0	10.8	4	25	500.0	11.2
MENTAL DISORDERS (290-315) .....	5	19	271.4	4.4	5	6	300.0	2.8	5	13	260.0	5.8
ACCIDENTS (E800-E949, E980-E989) .....	-	15	214.3	3.4	5	6	300.0	2.8	-	9	180.0	4.0
<b>BARBADOS (1978)</b>												
TOTAL DEATHS .....	-	1354	5181.8	100.0	-	564	5169.6	100.0	-	790	5190.5	100.0
DISEASES OF THE HEART (390-429) .....	1	341	1305.0	25.2	1	137	1255.7	24.3	1	204	1340.3	25.8
CEREBROVASCULAR DISEASE (430-438) ....	2	248	949.1	18.3	3	87	797.4	15.4	2	161	1057.8	20.4
MALIGNANT NEOPLASMS (140-209).....	3	218	834.3	16.1	2	123	1127.4	21.8	3	95	624.2	12.0
DIABETES MELLITUS (250) .....	4	91	348.3	6.7	-	18	165.0	3.2	4	73	479.6	9.2
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	5	58	222.0	4.3	4	27	247.5	4.8	5	31	203.7	3.9
ACCIDENTS (E800-E949, E980-E989) .....	-	40	153.1	3.0	5	23	210.8	4.1	-	17	111.7	2.2
<b>BELIZE (1979)</b>												
TOTAL DEATHS .....	-	265	4416.7	100.0	-	131	4366.7	100.0	-	134	4466.7	100.0
DISEASES OF THE HEART (390-429) .....	1	73	1216.7	27.5	1	38	1266.7	29.0	1	35	1166.7	26.1
CEREBROVASCULAR DISEASE (430-438) ....	2	31	516.7	11.7	2	12	400.0	9.2	2	19	633.3	14.2
MALIGNANT NEOPLASMS (140-209).....	3	21	350.0	7.9	3	11	366.7	8.4	3	10	333.3	7.5
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	4	12	200.0	4.5	4	7	233.3	5.3	5	5	166.7	3.7
DIABETES MELLITUS (250) .....	5	9	150.0	3.4	-	1	33.3	0.8	4	8	266.7	6.0
TUBERCULOSIS (010-019) .....	-	7	116.7	2.6	5	6	200.0	4.6	-	1	33.3	0.7
<b>BERMUDA (1978)</b>												
TOTAL DEATHS .....	-	232	5370.4	100.0	-	120	6557.4	100.0	-	112	4498.0	100.0
DISEASES OF THE HEART (390-429) .....	1	81	1875.0	34.9	1	37	2021.9	30.8	1	44	1767.1	39.3
MALIGNANT NEOPLASMS (140-209).....	2	44	1018.5	19.0	2	29	1584.7	24.2	3	15	602.4	13.4
CEREBROVASCULAR DISEASE (430-438) ....	3	37	856.5	15.9	3	15	819.7	12.5	2	22	883.5	19.6
DIABETES MELLITUS (250) .....	4	15	347.2	6.5	5	6	327.9	5.0	4	9	361.4	8.0
BRONCHITIS, EMPHYSEMA AND ASTHMA (490-493) .....	5	10	231.5	4.3	4	7	382.5	5.8	5	3	120.5	2.7
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	-	4	92.6	1.7	-	1	54.6	0.8	5	3	120.5	2.7

Table II-6g  
 FIVE LEADING CAUSES OF DEATH (ICD-8th REVISION) WITH RATES PER 100,000 POPULATION, AGE 65 AND  
 OVER, BY SEX AND COUNTRY

COUNTRY AND PRINCIPAL CAUSES	TOTAL			MALE			FEMALE					
	RANK ORDER	NUMBER	RATE	PER-CENT	RANK ORDER	NUMBER	RATE	PER-CENT	RANK ORDER	NUMBER	RATE	PER-CENT
CANADA (1978)												
TOTAL DEATHS .....	-	108649	5088.9	100.0	-	57673	6234.9	100.0	-	50976	4212.9	100.0
DISEASES OF THE HEART (390-429) .....	1	43776	2050.4	40.3	1	22989	2485.3	39.9	1	20787	1717.9	40.8
MALIGNANT NEOPLASMS (140-209) .....	2	22485	1053.2	20.7	2	12886	1393.1	22.3	2	9599	793.3	18.8
CEREBROVASCULAR DISEASE (430-438) .....	3	12885	633.5	11.9	3	5723	618.7	9.9	3	7162	591.9	14.0
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	4	4241	198.6	3.9	4	2301	248.8	4.0	4	1940	160.3	3.8
ACCIDENTS (E800-E949, E980-E989) .....	5	2603	121.9	2.4	-	1344	145.3	2.3	5	1259	104.0	2.5
BRONCHITIS, EMPHYSEMA AND ASTHMA (490-493) .....	-	2184	102.3	2.0	5	1660	179.5	2.9	-	524	43.3	1.0
CAYMAN ISLANDS (1979)												
TOTAL DEATHS .....	-	39	3120.0	100.0	-	16	3265.3	100.0	-	23	3026.3	100.0
CHILE (1979)												
TOTAL DEATHS .....	-	35655	6035.3	100.0	-	17588	7084.2	100.0	-	18067	5274.9	100.0
DISEASES OF THE HEART (390-429) .....	1	7272	1230.9	20.4	1	3580	1442.0	20.4	1	3692	1077.9	20.4
MALIGNANT NEOPLASMS (140-209) .....	2	6084	1029.8	17.1	2	3029	1220.0	17.2	2	3055	892.0	16.9
CEREBROVASCULAR DISEASE (430-438) .....	3	4556	771.2	12.8	3	1998	804.8	11.4	3	2558	746.8	14.2
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	4	2853	482.9	8.0	4	1353	545.0	7.7	4	1500	437.9	8.3
ACCIDENTS (E800-E949, E980-E989) .....	5	1119	185.4	3.1	5	716	288.4	4.1	-	403	117.7	2.2
DIABETES MELLITUS (250) .....	-	890	150.6	2.5	-	393	158.3	2.2	5	497	145.1	2.8
COLOMBIA (1977)												
TOTAL DEATHS .....	-	42994	5663.1	100.0	-	21217	5926.5	100.0	-	21777	5428.0	100.0
DISEASES OF THE HEART (390-429) .....	1	14114	1859.1	32.8	1	6989	1952.2	32.9	1	7125	1775.9	32.7
MALIGNANT NEOPLASMS (140-209) .....	2	5674	747.4	13.2	2	2821	788.0	13.3	2	2853	711.1	13.1
CEREBROVASCULAR DISEASE (430-438) .....	3	4756	626.4	11.1	3	2135	596.4	10.1	3	2621	653.3	12.0
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	4	1809	238.3	4.2	4	838	234.1	3.9	4	971	242.0	4.5
ACCIDENTS (E800-E949, E980-E989) .....	5	1088	143.3	2.5	5	707	197.5	3.3	-	381	95.0	1.7
DIABETES MELLITUS (250) .....	-	1009	132.9	2.3	-	341	95.3	1.6	5	668	166.5	3.1
COSTA RICA (1979)												
TOTAL DEATHS .....	-	4029	5179.2	100.0	-	2146	5823.6	100.0	-	1883	4599.2	100.0
DISEASES OF THE HEART (390-429) .....	1	1043	1340.8	25.9	1	576	1563.1	26.8	1	467	1140.6	24.8
MALIGNANT NEOPLASMS (140-209) .....	2	813	1045.1	20.2	2	473	1283.6	22.0	2	340	830.4	18.1
CEREBROVASCULAR DISEASE (430-438) .....	3	395	507.8	9.8	3	179	485.8	8.3	3	216	527.6	11.5
DIABETES MELLITUS (250) .....	4	171	219.3	4.2	-	65	176.4	3.0	4	106	258.9	5.6
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	5	149	191.5	3.7	5	81	219.8	3.8	5	68	166.1	3.6
ACCIDENTS (E800-E949, E980-E989) .....	-	127	163.3	3.2	4	83	225.2	3.9	-	44	107.5	2.3
CUBA (1978)												
TOTAL DEATHS .....	-	32593	5149.8	100.0	-	18450	5426.5	100.0	-	14148	4828.7	100.0
DISEASES OF THE HEART (390-429) .....	1	12269	1938.2	37.6	1	6816	2004.7	36.9	1	5453	1861.1	38.5
MALIGNANT NEOPLASMS (140-209) .....	2	5886	929.9	18.1	2	3861	1135.6	20.9	2	2025	691.1	14.3
CEREBROVASCULAR DISEASE (430-438) .....	3	3737	590.4	11.5	3	1875	551.5	10.2	3	1862	635.5	13.2
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	4	3085	487.4	9.5	4	1739	511.5	9.4	4	1346	459.4	9.5
ACCIDENTS (E800-E949, E980-E989) .....	5	1252	197.8	3.8	5	733	215.6	4.0	5	519	177.1	3.7

Table II-6g  
 FIVE LEADING CAUSES OF DEATH (ICD-8th REVISION) WITH RATES PER 100,000 POPULATION, AGE 65 AND  
 OVER, BY SEX AND COUNTRY

COUNTRY AND PRINCIPAL CAUSES	TOTAL			MALE			FEMALE					
	RANK ORDER	NUMBER	RATE	PER-CENT	RANK ORDER	NUMBER	RATE	PER-CENT	RANK ORDER	NUMBER	RATE	PER-CENT
DOMINICA (1978)												
TOTAL DEATHS .....	-	204	4250.0	100.0	-	88	4888.9	100.0	-	116	3866.7	100.0
DISEASES OF THE HEART (390-429) .....	1	61	1270.8	29.9	1	22	1222.2	25.0	1	39	1300.0	33.6
MALIGNANT NEOPLASMS (140-209).....	2	26	541.7	12.7	2	14	777.8	15.9	2	12	400.0	10.3
CEREBROVASCULAR DISEASE (430-438) ....	3	25	520.8	12.3	2	14	777.8	15.9	3	11	366.7	9.5
ENTERITIS AND OTHER DIARRHEAL DISEASES (008, 009) .....	4	8	166.7	3.9	-	2	111.1	2.3	4	6	200.0	5.2
DIABETES MELLITUS (250) .....	5	3	62.5	1.5	-	1	55.6	1.1	5	2	66.7	1.7
AVITAMINOSES AND OTHER NUTRITIONAL DEFICIENCY (260-269) ...	5	3	62.5	1.5	4	3	166.7	3.4	-	-	-	-
BRONCHITIS, EMPHYSEMA AND ASTHMA (490-493) .....	5	3	62.5	1.5	4	3	166.7	3.4	-	-	-	-
CIRRHOSIS OF LIVER (571).....	5	3	62.5	1.5	-	2	111.1	2.3	-	1	33.3	0.9
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	-	2	41.7	1.0	-	-	-	-	5	2	66.7	1.7
ACCIDENTS (E800-E949, E980-E989) .....	-	2	41.7	1.0	-	-	-	-	5	2	66.7	1.7
DOMINICAN REPUBLIC (1978)												
TOTAL DEATHS .....	-	6607	4168.5	100.0	-	3445	4349.7	100.0	-	3162	3987.4	100.0
DISEASES OF THE HEART (390-429) .....	1	1034	652.4	15.7	1	544	686.9	15.8	1	490	617.9	15.5
CEREBROVASCULAR DISEASE (430-438) ....	2	471	257.2	7.1	3	237	299.2	6.9	2	234	295.1	7.4
MALIGNANT NEOPLASMS (140-209).....	3	466	294.0	7.1	2	261	329.5	7.6	3	205	258.5	6.5
CIRRHOSIS OF LIVER (571).....	4	149	94.0	2.3	4	95	119.9	2.8	-	54	68.1	1.7
ACCIDENTS (E800-E949, E980-E989) .....	5	143	90.2	2.2	5	83	104.8	2.4	-	60	75.7	1.9
DIABETES MELLITUS (250) .....	-	142	89.6	2.1	-	51	64.4	1.5	4	91	114.8	2.9
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	-	136	85.8	2.1	-	67	84.6	1.9	5	69	87.0	2.2
ECUADOR (1978)												
TOTAL DEATHS .....	-	13573	5348.7	100.0	-	6813	5759.7	100.0	-	6760	4989.9	100.0
DISEASES OF THE HEART (390-429) .....	1	2860	1127.0	21.1	1	1381	1167.5	20.3	1	1479	1091.7	21.9
MALIGNANT NEOPLASMS (140-209).....	2	1401	552.1	10.3	2	719	607.8	10.6	2	682	503.4	10.1
CEREBROVASCULAR DISEASE (430-438) ....	3	1062	418.5	7.8	3	526	444.7	7.7	3	536	395.6	7.9
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	4	842	331.8	6.2	4	434	366.5	6.4	4	408	301.2	6.0
ACCIDENTS (E800-E949, E980-E989) .....	5	514	202.6	3.8	5	356	301.0	5.2	5	158	116.6	2.3
EL SALVADOR (1974)												
TOTAL DEATHS .....	-	7505	5773.1	100.0	-	3777	6476.3	100.0	-	3728	5200.9	100.0
DISEASES OF THE HEART (390-429) .....	1	520	400.0	6.9	1	261	447.5	6.9	1	259	361.3	6.9
ENTERITIS AND OTHER DIARRHEAL DISEASES (008, 009) .....	2	425	326.9	5.7	2	235	402.9	6.2	2	190	265.1	5.1
CEREBROVASCULAR DISEASE (430-438) ....	3	357	274.6	4.8	3	177	303.5	4.7	3	180	251.1	4.8
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	4	301	231.5	4.0	4	149	255.5	3.9	5	152	212.1	4.1
MALIGNANT NEOPLASMS (140-209).....	5	299	230.0	4.0	-	124	212.6	3.3	4	175	244.1	4.7
ACCIDENTS (E800-E949, E980-E989) .....	-	204	156.9	2.7	5	134	229.8	3.5	-	70	97.7	1.9
FALKLAND ISLANDS (1977)												
TOTAL DEATHS .....	-	14	8235.3	100.0	-	8	8488.9	100.0	-	6	7500.0	100.0
FRENCH GUIANA (1978)												
TOTAL DEATHS .....	-	195	9750.0	100.0	-	101	10100.0	100.0	-	94	9400.0	100.0
CEREBROVASCULAR DISEASE (430-438) ....	1	41	2050.0	21.0	1	18	1800.0	17.8	1	23	2300.0	24.5
MALIGNANT NEOPLASMS (140-209).....	2	25	1250.0	12.8	2	15	1500.0	14.9	2	10	1000.0	10.6
DISEASES OF THE HEART (390-429) .....	3	16	800.0	8.2	3	9	900.0	8.9	3	7	700.0	7.4
CIRRHOSIS OF LIVER (571).....	4	7	350.0	3.6	4	6	600.0	5.9	-	1	100.0	1.1
DIABETES MELLITUS (250) .....	5	4	200.0	2.1	5	2	200.0	2.0	4	2	200.0	2.1
ACCIDENTS (E800-E949, E980-E989) .....	-	2	100.0	1.0	5	2	200.0	2.0	-	-	-	-
BRONCHITIS, EMPHYSEMA AND ASTHMA (490-493) .....	-	3	150.0	1.5	-	1	100.0	1.0	4	2	200.0	2.1
INTESTINAL OBSTRUCTION AND HERNIA (550-553, 560).....	-	3	150.0	1.5	-	1	100.0	1.0	4	2	200.0	2.1

Table II-6g  
 FIVE LEADING CAUSES OF DEATH (ICD-8th REVISION) WITH RATES PER 100,000 POPULATION, AGE 65 AND OVER, BY SEX AND COUNTRY

COUNTRY AND PRINCIPAL CAUSES	TOTAL			MALE			FEMALE					
	RANK ORDER	NUMBER	RATE	PER-CENT	RANK ORDER	NUMBER	RATE	PER-CENT	RANK ORDER	NUMBER	RATE	PER-CENT
<b>GUATEMALA (1978)</b>												
TOTAL DEATHS .....	-	9378	5198.9	100.0	-	5156	5604.3	100.0	-	4722	4818.4	100.0
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	1	1295	681.6	13.1	1	696	745.7	13.3	2	609	621.4	12.9
DISEASES OF THE HEART (390-429) .....	2	1175	618.4	11.9	3	550	597.8	10.7	1	625	637.8	13.2
ENTERITIS AND OTHER DIARRHEAL DISEASES (008, 009) .....	3	1105	581.6	11.2	2	581	631.5	11.3	3	524	534.7	11.1
MALIGNANT NEOPLASMS (140-209) .....	4	777	408.9	7.9	4	366	397.8	7.1	4	411	419.4	8.7
CEREBROVASCULAR DISEASE (430-438) .....	5	402	211.6	4.1	-	211	229.3	4.1	-	191	194.9	4.0
ACCIDENTS (E800-E949, E980-E989) .....	5	402	211.6	4.1	5	319	346.7	6.2	-	83	84.7	1.8
AVITAMINOSES AND OTHER NUTRITIONAL DEFICIENCY (260-269) .....	-	379	199.5	3.8	-	173	188.0	3.4	5	206	210.2	4.4
<b>GUYANA (1977)</b>												
TOTAL DEATHS .....	-	2003	7153.6	100.0	-	957	7975.0	100.0	-	1046	6537.5	100.0
DISEASES OF THE HEART (390-429) .....	1	526	1878.6	26.3	1	250	2083.3	26.1	1	276	1725.0	26.4
CEREBROVASCULAR DISEASE (430-438) .....	2	331	1182.1	16.5	2	156	1300.0	16.3	2	175	1093.8	16.7
MALIGNANT NEOPLASMS (140-209) .....	3	137	489.3	6.8	3	74	616.7	7.7	4	63	393.8	6.0
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	4	115	410.7	5.7	4	48	400.0	5.0	3	67	418.8	6.4
DIABETES MELLITUS (250) .....	5	75	267.9	3.7	-	20	166.7	2.1	5	55	343.8	5.3
ACCIDENTS (E800-E949, E980-E989) .....	-	48	171.4	2.4	5	31	258.3	3.2	-	17	106.3	1.6
<b>HONDURAS (1978)</b>												
TOTAL DEATHS .....	-	3686	3921.3	100.0	-	1861	4135.6	100.0	-	1825	3724.5	100.0
DISEASES OF THE HEART (390-429) .....	1	740	787.2	20.1	1	379	842.2	20.4	1	361	736.7	19.8
CEREBROVASCULAR DISEASE (430-438) .....	2	243	258.5	6.6	2	119	264.4	6.4	2	124	253.1	6.8
MALIGNANT NEOPLASMS (140-209) .....	3	175	186.2	4.7	3	71	157.8	3.8	3	104	212.2	5.7
ENTERITIS AND OTHER DIARRHEAL DISEASES (008, 009) .....	4	136	144.7	3.7	4	64	142.2	3.4	4	72	146.9	3.9
BRONCHITIS, EMPHYSEMA AND ASTHMA (490-493) .....	5	130	138.3	3.5	5	63	140.0	3.4	5	67	136.7	3.7
<b>JAMAICA (1971)</b>												
TOTAL DEATHS .....	-	6743	7636.5	100.0	-	3157	8200.0	100.0	-	3586	7200.8	100.0
DISEASES OF THE HEART (390-429) .....	1	1613	1826.7	23.9	1	757	1966.2	24.0	2	856	1718.9	23.9
CEREBROVASCULAR DISEASE (430-438) .....	2	1581	1790.5	23.4	2	640	1662.3	20.3	1	941	1889.6	26.2
MALIGNANT NEOPLASMS (140-209) .....	3	747	846.0	11.1	3	404	1049.4	12.8	3	343	688.8	9.6
DIABETES MELLITUS (250) .....	4	322	364.7	4.8	5	114	296.1	3.6	4	208	417.7	5.8
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	5	297	336.4	4.4	4	141	366.2	4.5	5	156	313.3	4.4
<b>MARTINIQUE (1975)</b>												
TOTAL DEATHS .....	-	1158	6433.3	100.0	-	562	8028.6	100.0	-	596	5418.2	100.0
DISEASES OF THE HEART (390-429) .....	1	241	1338.9	20.8	2	89	1271.4	15.8	1	152	1381.8	25.5
MALIGNANT NEOPLASMS (140-209) .....	2	155	861.1	13.4	1	90	1285.7	16.0	2	65	590.9	10.9
CEREBROVASCULAR DISEASE (430-438) .....	3	107	594.4	9.2	3	43	614.3	7.7	3	64	581.8	10.7
DIABETES MELLITUS (250) .....	4	57	316.7	4.9	-	20	285.7	3.6	4	37	336.4	6.2
MENTAL DISORDERS (290-315) .....	5	51	283.3	4.4	4	39	557.1	6.9	-	12	109.1	2.0
AVITAMINOSES AND OTHER NUTRITIONAL DEFICIENCY (260-269) .....	-	36	200.0	3.1	5	22	314.3	3.9	5	14	127.3	2.3
ACCIDENTS (E800-E949, E980-E989) .....	-	31	172.2	2.7	-	17	242.9	3.0	5	14	127.3	2.3
<b>MEXICO (1976)</b>												
TOTAL DEATHS .....	-	127374	6017.9	100.0	-	62640	6290.5	100.0	-	64474	5752.4	100.0
DISEASES OF THE HEART (390-429) .....	1	27739	1310.5	21.8	1	13066	1312.1	20.9	1	14627	1305.0	22.7
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	2	13335	630.0	10.5	2	6455	648.2	10.3	2	6858	611.9	10.6
MALIGNANT NEOPLASMS (140-209) .....	3	10597	500.7	8.3	3	5072	509.3	8.1	3	5505	491.2	8.5
CEREBROVASCULAR DISEASE (430-438) .....	4	8146	384.9	6.4	4	3684	370.0	5.9	4	4448	396.9	6.9
DIABETES MELLITUS (250) .....	5	6448	304.6	5.1	-	2538	254.9	4.1	5	3902	348.1	6.1
ACCIDENTS (E800-E949, E980-E989) .....	-	4490	212.1	3.5	5	2981	299.4	4.8	-	1499	133.7	2.3
<b>MONTSERRAT (1979)</b>												
TOTAL DEATHS .....	-	79	7181.8	100.0	-	37	9250.0	100.0	-	42	6000.0	100.0

Table II-6g  
FIVE LEADING CAUSES OF DEATH (ICD-8th REVISION) WITH RATES PER 100,000 POPULATION, AGE 65 AND OVER, BY SEX AND COUNTRY

COUNTRY AND PRINCIPAL CAUSES	TOTAL			MALE			FEMALE					
	RANK ORDER	NUMBER	RATE	PER-CENT	RANK ORDER	NUMBER	RATE	PER-CENT	RANK ORDER	NUMBER	RATE	PER-CENT
NICARAGUA (1977)												
TOTAL DEATHS .....	-	3108	4443.5	100.0	-	1426	4458.0	100.0	-	1682	4398.3	100.0
DISEASES OF THE HEART (390-429) .....	1	779	1113.7	25.1	1	351	1107.2	24.6	1	428	1119.2	25.4
CEREBROVASCULAR DISEASE (430-438) .....	2	252	360.3	8.1	2	116	365.9	8.1	2	136	355.6	8.1
MALIGNANT NEOPLASMS (140-209) .....	3	128	183.0	4.1	3	52	164.0	3.6	3	76	198.7	4.5
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	4	105	150.1	3.4	4	47	148.3	3.3	4	58	151.7	3.4
BRONCHITIS, EMPHYSEMA AND ASTHMA (490-493) .....	5	72	102.9	2.3	-	30	94.6	2.1	5	42	109.8	2.5
ACCIDENTS (E800-E949, E980-E989) .....	-	64	51.5	2.1	5	43	135.6	3.0	-	21	54.9	1.2
PANAMA (1974)												
TOTAL DEATHS .....	-	3121	5332.6	100.0	-	1697	5838.0	100.0	-	1424	4833.8	100.0
DISEASES OF THE HEART (390-429) .....	1	773	1320.8	24.8	1	403	1386.4	23.7	1	370	1256.0	26.0
CEREBROVASCULAR DISEASE (430-438) .....	2	412	703.9	13.2	2	216	743.1	12.7	2	196	665.3	13.8
MALIGNANT NEOPLASMS (140-209) .....	3	335	572.4	10.7	3	194	667.4	11.4	3	141	478.6	9.9
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	4	173	295.6	5.5	4	101	347.5	6.0	4	72	244.4	5.1
ACCIDENTS (E800-E949, E980-E989) .....	5	105	179.4	3.4	5	72	247.7	4.2	-	33	112.0	2.3
DIABETES MELLITUS (250) .....	-	100	170.9	3.2	-	31	106.6	1.8	5	69	234.2	4.8
PARAGUAY (AREA OF INFORMATION) (1978)												
TOTAL DEATHS .....	-	4681	6986.6	100.0	-	2179	7513.8	100.0	-	2502	6584.2	100.0
DISEASES OF THE HEART (390-429) .....	1	1070	1597.0	22.9	1	479	1651.7	22.0	1	591	1555.3	23.6
CEREBROVASCULAR DISEASE (430-438) .....	2	700	1044.8	15.0	2	314	1082.8	14.4	2	386	1015.8	15.4
MALIGNANT NEOPLASMS (140-209) .....	3	418	623.9	8.9	3	209	720.7	9.6	3	209	550.0	8.4
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	4	219	326.9	4.7	4	83	286.2	3.8	4	136	357.9	5.4
ENTERITIS AND OTHER DIARRHEAL DISEASES (008, 009) .....	5	159	237.3	3.4	5	67	231.0	3.1	5	92	242.1	3.7
PERU (1978)												
TOTAL DEATHS .....	-	19810	3427.3	100.0	-	9566	3491.2	100.0	-	10244	3369.7	100.0
DISEASES OF THE HEART (390-429) .....	1	3247	561.8	16.4	1	1476	538.7	15.4	1	1771	582.6	17.3
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	2	2587	447.6	13.1	3	1187	433.2	12.4	2	1400	460.5	13.7
MALIGNANT NEOPLASMS (140-209) .....	3	2502	432.9	12.6	2	1263	460.9	13.2	3	1239	407.6	12.1
CEREBROVASCULAR DISEASE (430-438) .....	4	1326	229.4	6.7	4	634	231.4	6.6	4	692	227.6	6.8
TUBERCULOSIS (010-019) .....	5	1026	177.5	5.2	5	593	216.4	6.2	5	433	142.4	4.2
PUERTO RICO (1977)												
TOTAL DEATHS .....	-	11546	5086.3	100.0	-	6108	5603.7	100.0	-	5438	4608.5	100.0
DISEASES OF THE HEART (390-429) .....	1	4070	1793.0	35.3	1	2066	1895.4	33.8	1	2004	1698.3	36.9
MALIGNANT NEOPLASMS (140-209) .....	2	1873	825.1	16.2	2	1146	1051.4	18.8	2	727	616.1	13.4
CEREBROVASCULAR DISEASE (430-438) .....	3	1372	604.4	11.9	3	659	604.6	10.8	3	713	604.2	13.1
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	4	616	271.4	5.3	4	312	286.2	5.1	4	304	257.6	5.6
DIABETES MELLITUS (250) .....	5	400	176.2	3.5	5	148	135.8	2.4	5	252	213.6	4.6
CIRRHOSIS OF LIVER (571) .....	-	211	93.0	1.8	5	148	135.8	2.4	-	63	53.4	1.2
ST. KITTS AND NEVIS (1978)												
TOTAL DEATHS .....	-	254	7405.2	100.0	-	96	7533.9	100.0	-	158	7117.1	100.0
DISEASES OF THE HEART (390-429) .....	1	61	1778.4	24.0	2	20	1652.9	20.8	1	41	1846.8	25.9
CEREBROVASCULAR DISEASE (430-438) .....	1	61	1778.4	24.0	1	24	1583.5	25.0	2	37	1666.7	23.4
MALIGNANT NEOPLASMS (140-209) .....	3	18	524.8	7.1	4	8	661.2	8.3	4	10	450.5	6.3
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	4	16	466.5	6.3	3	11	909.1	11.5	-	5	225.2	3.2
DIABETES MELLITUS (250) .....	5	15	437.3	5.9	-	2	165.3	2.1	3	13	585.6	8.2
AVITAMINOSES AND OTHER NUTRITIONAL DEFICIENCY (260-269) .....	-	14	408.2	5.5	5	5	413.2	5.2	5	9	405.4	5.7
ST. PIERRE AND MIQUELON (1976)												
TOTAL DEATHS .....	-	23	6764.7	100.0	-	12	10000.0	100.0	-	11	5000.0	100.0



Table II-6g  
 FIVE LEADING CAUSES OF DEATH (ICD-8th REVISION) WITH RATES PER 100,000 POPULATION, AGE 65 AND  
 OVER, BY SEX AND COUNTRY

COUNTRY AND PRINCIPAL CAUSES	TOTAL			MALE			FEMALE					
	RANK ORDER	NUMBER	RATE	PER-CENT	RANK ORDER	NUMBER	RATE	PER-CENT	RANK ORDER	NUMBER	RATE	PER-CENT
ST. VINCENT (1979)												
TOTAL DEATHS .....	-	337	7020.8	100.0	-	136	8500.0	100.0	-	201	6281.3	100.0
DISEASES OF THE HEART (390-429) .....	1	123	2562.5	36.5	1	50	3125.0	36.8	1	73	2281.3	36.3
MALIGNANT NEOPLASMS (140-209).....	2	29	604.2	8.6	2	14	875.0	10.3	3	15	468.8	7.5
DIABETES MELLITUS (250) .....	3	23	479.2	6.8	4	6	375.0	4.4	2	17	531.3	8.5
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	4	12	250.0	3.6	3	7	437.5	5.1	4	5	156.3	2.5
CEREBROVASCULAR DISEASE (430-438) ....	5	7	145.8	2.1	-	2	125.0	1.5	4	5	156.3	2.5
PEPTIC ULCER (531-533) .....	-	3	62.5	0.9	5	3	187.5	2.2	-	-	-	-
SURINAME (1978)												
TOTAL DEATHS .....	-	900	5905.5	100.0	-	473	6444.1	100.0	-	427	5405.1	100.0
DISEASES OF THE HEART (390-429) .....	1	240	1574.8	26.7	1	128	1743.9	27.1	1	112	1417.7	26.2
MALIGNANT NEOPLASMS (140-209).....	2	68	446.2	7.6	3	37	504.1	7.8	2	31	392.4	7.3
CEREBROVASCULAR DISEASE (430-438) ....	3	64	419.9	7.1	2	42	572.2	8.9	3	22	278.5	5.2
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	4	44	288.7	4.9	4	22	299.7	4.7	3	22	278.5	5.2
BRONCHITIS, EMPHYSEMA AND ASTHMA (490-493) .....	5	30	196.9	3.3	5	21	286.1	4.4	-	9	113.9	2.1
DIABETES MELLITUS (250) .....	-	29	190.3	3.2	-	7	95.4	1.5	3	22	278.5	5.2
TRINIDAD AND TOBAGO (1977)												
TOTAL DEATHS .....	-	3573	7827.1	100.0	-	1789	8549.2	100.0	-	1784	7216.0	100.0
DISEASES OF THE HEART (390-429) .....	1	1122	2457.9	31.4	1	575	2747.8	32.1	1	547	2212.5	30.7
CEREBROVASCULAR DISEASE (430-438) ....	2	618	1353.8	17.3	2	280	1338.0	15.7	2	338	1367.1	18.9
MALIGNANT NEOPLASMS (140-209).....	3	318	696.6	8.9	3	177	845.8	9.9	4	141	570.3	7.9
DIABETES MELLITUS (250) .....	4	247	541.1	6.9	4	92	439.6	5.1	3	155	626.9	8.7
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	5	170	372.4	4.8	5	90	430.1	5.0	5	80	323.6	4.5
UNITED STATES (1978)												
TOTAL DEATHS .....	-	1273882	5201.6	100.0	-	634768	6376.2	100.0	-	639114	4397.0	100.0
DISEASES OF THE HEART (390-429) .....	1	565356	2308.5	44.4	1	277090	2783.3	43.7	1	288266	1983.2	45.1
MALIGNANT NEOPLASMS (140-209).....	2	241142	984.6	18.9	2	132743	1333.4	20.9	2	108399	745.8	17.0
CEREBROVASCULAR DISEASE (430-438) ....	3	149695	611.2	11.8	3	59900	601.7	9.4	3	89795	617.8	14.0
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	4	46487	189.8	3.6	4	23460	235.7	3.7	4	23027	158.4	3.6
ACCIDENTS (E800-E949, E980-E989) .....	5	24635	100.6	1.9	5	12998	130.6	2.0	-	11637	80.1	1.8
DIABETES MELLITUS (250) .....	-	24372	99.5	1.9	-	9132	91.7	1.4	5	15240	104.8	2.4
URUGUAY (1978)												
TOTAL DEATHS .....	-	16715	5954.8	100.0	-	8464	6886.9	100.0	-	8250	5228.1	100.0
DISEASES OF THE HEART (390-429) .....	1	5035	1753.7	30.1	1	2564	2086.2	30.3	1	2471	1565.9	30.0
MALIGNANT NEOPLASMS (140-209).....	2	3485	1241.5	20.8	2	2024	1646.5	23.9	3	1461	925.9	17.7
CEREBROVASCULAR DISEASE (430-438) ....	3	2756	981.8	16.5	3	1137	925.1	13.4	2	1619	1026.0	19.6
DIABETES MELLITUS (250) .....	4	457	162.8	2.7	-	156	126.9	1.8	4	301	190.7	3.6
BRONCHITIS, EMPHYSEMA AND ASTHMA (490-493) .....	5	407	145.0	2.4	4	306	249.0	3.6	-	101	64.0	1.2
ACCIDENTS (E800-E949, E980-E989) .....	-	336	119.7	2.0	5	168	136.7	2.0	-	168	176.5	2.0
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	-	358	127.5	2.1	-	167	135.9	2.0	5	191	121.0	2.3
VENEZUELA (1978)												
TOTAL DEATHS .....	-	22992	5663.1	100.0	-	11337	6062.6	100.0	-	11655	5321.9	100.0
DISEASES OF THE HEART (390-429) .....	1	6367	1568.2	27.7	1	3150	1684.5	27.8	1	3217	1468.9	27.6
MALIGNANT NEOPLASMS (140-209).....	2	3055	752.5	13.3	2	1516	810.7	13.4	2	1539	732.7	13.2
CEREBROVASCULAR DISEASE (430-438) ....	3	2619	645.1	11.4	3	1129	603.7	10.0	3	1490	680.4	12.8
INFLUENZA AND PNEUMONIA (470-474, 480-486) .....	4	1120	275.9	4.9	4	506	270.6	4.5	4	614	230.4	5.3
DIABETES MELLITUS (250) .....	5	813	200.2	3.5	-	310	165.8	2.7	5	503	225.7	4.3
ACCIDENTS (E800-E949, E980-E989) .....	-	717	176.6	3.1	5	445	238.0	3.9	-	272	124.2	2.3
VIRGIN ISLANDS (UK) (1976)												
TOTAL DEATHS .....	-	10	1639.3	100.0	-	5	1612.9	100.0	-	5	1666.7	100.0

Table II-7a  
 FIVE LEADING CAUSES OF DEATH (ICD-9th REVISION) WITH RATES PER 100,000 POPULATION,  
 ALL AGES, BY SEX AND COUNTRY

AREA AND PRINCIPAL CAUSES	TOTAL				MALE				FEMALE			
	RANK ORDER	NUMBER	RATE	PER CENT	RANK ORDER	NUMBER	RATE	PER CENT	RANK ORDER	NUMBER	RATE	PER CENT
1980												
BARBADOS												
TOTAL DEATHS .....	-	2012	795.3	100.0	-	928	764.4	100.0	-	1084	823.7	100.0
DISEASES OF THE HEART (390-429).....	1	511	202.0	25.4	1	245	201.8	26.4	1	266	202.1	24.5
MALIGNANT NEOPLASMS (140-208).....	2	325	128.5	16.2	2	154	126.9	16.6	2	171	129.9	15.8
CEREBROVASCULAR DISEASE (430-438).....	3	292	115.4	14.5	3	129	106.3	13.9	3	163	123.9	15.0
DIABETES MELLITUS (250).....	4	122	48.2	6.1	-	23	18.9	2.5	4	99	75.2	9.1
ACCIDENTS (E800-E949).....	5	79	31.2	3.9	4	60	49.4	6.5	-	19	14.4	1.8
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779).....	-	61	24.1	3.0	-	27	22.2	2.9	5	34	25.8	3.1
INFLUENZA AND PNEUMONIA (480-487).....	-	50	19.8	2.5	5	29	23.9	3.1	-	21	16.0	1.9
1980												
CHILE												
TOTAL DEATHS .....	-	73710	663.8	100.0	-	40647	739.1	100.0	-	33063	589.9	100.0
MALIGNANT NEOPLASMS (140-208).....	1	11321	102.0	15.4	2	5627	102.3	13.8	1	5694	101.6	17.2
DISEASES OF THE HEART (390-429).....	2	10841	97.6	14.7	1	5663	103.0	13.9	2	5178	92.4	15.7
CEREBROVASCULAR DISEASE (430-438).....	3	6743	60.7	9.1	3	3165	57.6	7.8	3	3578	63.8	10.8
INFLUENZA AND PNEUMONIA (480-487).....	4	4774	43.0	6.5	5	2361	42.9	5.8	4	2413	43.1	7.3
ACCIDENTS (E800-E949).....	5	3680	33.1	5.0	4	2648	48.2	6.5	-	1032	18.4	3.1
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779).....	-	3179	28.6	4.3	-	1824	33.2	4.5	5	1355	24.2	4.1
1980												
FALKLAND ISLANDS												
TOTAL DEATHS .....	-	10	500.0	100.0	-	6	545.5	100.0	-	4	444.4	100.0
1979												
FRENCH GUIANA												
TOTAL DEATHS .....	-	438	730.0	100.0	-	272	850.0	100.0	-	166	592.9	100.0
DISEASES OF THE HEART (390-429).....	1	62	103.3	14.2	1	51	159.4	18.8	2	11	39.3	6.6
ACCIDENTS (E800-E949).....	2	34	56.7	7.8	2	23	71.9	8.5	2	11	39.3	6.6
MALIGNANT NEOPLASMS (140-208).....	3	32	53.3	7.3	2	23	71.9	8.5	4	9	32.1	5.4
CEREBROVASCULAR DISEASE (430-438).....	4	30	50.0	6.8	4	17	53.1	6.3	1	13	46.4	7.8
DIABETES MELLITUS (250).....	5	12	20.0	2.7	5	5	15.6	1.8	5	7	25.0	4.2
1980												
GUATEMALA												
TOTAL DEATHS .....	-	71360	982.9	100.0	-	40156	1155.9	100.0	-	31204	824.2	100.0
INTESTINAL INFECTIONS DUE TO SPECIFIED ORGANISMS AND ILL-DEFINED (007-009).....	1	13648	188.0	19.1	1	7077	203.7	17.6	1	6571	173.6	21.1
INFLUENZA AND PNEUMONIA (480-487).....	2	9961	137.2	14.0	2	5315	153.0	13.2	2	4646	122.7	14.9
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779).....	3	9112	125.5	12.8	3	5198	149.6	12.9	3	3914	103.4	12.5
HOMICIDE, LEGAL INTERVENTION, AND OPERATIONS OF WAR (E960-E978, E990-E999).....	4	4572	63.0	6.4	4	4218	121.4	10.5	-	354	9.4	1.1
DISEASES OF THE HEART (390-429).....	5	2421	33.3	3.4	-	1292	37.2	3.2	4	1129	29.8	3.6
ACCIDENTS (E800-E949).....	-	2111	29.1	3.0	5	1670	48.1	4.2	-	441	11.6	1.4
MALIGNANT NEOPLASMS (140-208).....	-	1893	26.1	2.7	-	818	23.5	2.0	5	1075	28.4	3.4
1979												
HONDURAS												
TOTAL DEATHS .....	-	18556	520.7	100.0	-	10255	573.9	100.0	-	8301	467.1	100.0
INTESTINAL INFECTIONS DUE TO SPECIFIED ORGANISMS AND ILL-DEFINED (007-009).....	1	2003	56.2	10.8	2	1111	62.2	10.8	1	892	50.2	10.7
ALL ACCIDENTS AND VIOLENCE (E800-E999).....	2	1808	50.7	9.7	1	1510	84.5	14.7	5	298	16.8	3.6
DISEASES OF THE HEART (390-429).....	3	1548	43.4	8.3	3	818	45.8	8.0	2	730	41.1	8.8
INFLUENZA AND PNEUMONIA (480-487).....	4	644	18.1	3.5	4	336	18.8	3.3	4	308	17.3	3.7
MALIGNANT NEOPLASMS (140-208).....	5	556	15.6	3.0	-	224	12.5	2.2	3	332	18.7	4.0
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779).....	-	500	14.0	2.7	5	306	17.1	3.0	-	194	10.9	2.3

Table II-7a  
 FIVE LEADING CAUSES OF DEATH (ICD-9th REVISION) WITH RATES PER 100,000 POPULATION,  
 ALL AGES, BY SEX AND COUNTRY

AREA AND PRINCIPAL CAUSES	TOTAL				MALE				FEMALE			
	RANK ORDER	NUMBER	RATE	PER CENT	RANK ORDER	NUMBER	RATE	PER CENT	RANK ORDER	NUMBER	RATE	PER CENT
1980												
PANAMA												
TOTAL DEATHS .....	-	7959	432.6	100.0	-	4573	489.6	100.0	-	3386	373.7	100.0
DISEASES OF THE HEART (390-429).....	1	1277	69.4	16.0	1	736	78.8	16.1	1	541	59.7	16.0
MALIGNANT NEOPLASMS (140-208).....	2	1000	54.3	12.6	3	528	56.5	11.5	2	472	52.1	13.9
ACCIDENTS (E800-E949).....	3	724	39.3	9.1	2	546	58.5	11.9	5	178	19.6	5.3
CEREBROVASCULAR DISEASE (430-438).....	4	550	29.9	6.9	4	303	32.4	6.6	3	247	27.3	7.3
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779).....	5	490	26.6	6.2	5	273	29.2	6.0	4	217	24.0	6.4
1980												
PARAGUAY (AREA OF INFORMATION)												
TOTAL DEATHS .....	-	13059	743.7	100.0	-	6812	786.6	100.0	-	6247	701.9	100.0
DISEASES OF THE HEART (390-429).....	1	1909	108.7	14.6	1	968	111.8	14.2	1	941	105.7	15.1
INTESTINAL INFECTIONS DUE TO SPECIFIED ORGANISMS AND ILL-DEFINED (007-009)....	2	1111	63.3	8.5	2	602	69.5	8.8	4	509	57.2	8.1
CEREBROVASCULAR DISEASE (430-438).....	3	1066	60.7	8.2	3	549	63.4	8.1	3	517	58.1	8.3
MALIGNANT NEOPLASMS (140-208).....	4	968	54.0	7.3	-	413	47.7	6.1	2	535	60.1	8.6
INFLUENZA AND PNEUMONIA (480-487).....	5	915	52.1	7.0	4	456	52.7	6.7	5	459	51.6	7.3
ACCIDENTS (E800-E949).....	-	580	33.0	4.4	5	435	50.2	6.4	-	145	16.3	2.3
1980												
PUERTO RICO												
TOTAL DEATHS .....	-	20412	593.7	100.0	-	11887	705.5	100.0	-	8525	486.3	100.0
DISEASES OF THE HEART (390-429).....	1	5874	170.9	28.8	1	3182	188.8	26.8	1	2692	153.6	31.6
MALIGNANT NEOPLASMS (140-208).....	2	3285	95.5	16.1	2	1961	116.4	16.5	2	1324	75.5	15.5
CEREBROVASCULAR DISEASE (430-438).....	3	1269	36.9	6.2	5	622	36.9	5.2	3	647	36.9	7.6
ACCIDENTS (E800-E949).....	4	990	28.8	4.9	3	789	46.8	6.6	-	201	11.5	2.4
DIABETES MELLITUS (250).....	5	900	26.2	4.4	-	368	21.8	3.1	4	532	30.3	6.2
INFLUENZA AND PNEUMONIA (480-487).....	-	853	24.8	4.2	-	490	29.1	4.1	5	363	20.7	4.3
CHRONIC LIVER DISEASE AND CIRRHOSIS (571).....	-	837	24.3	4.1	4	671	39.8	5.6	-	166	9.5	1.9
1980												
ST. KITTS AND NEVIS												
TOTAL DEATHS .....	-	493	1006.1	100.0	-	244	1056.3	100.0	-	249	961.4	100.0
CEREBROVASCULAR DISEASE (430-438).....	1	86	175.5	17.4	2	36	155.8	14.8	1	50	193.1	20.1
DISEASES OF THE HEART (390-429).....	2	82	167.3	16.6	1	37	160.2	15.2	2	45	173.7	18.1
MALIGNANT NEOPLASMS (140-208).....	3	45	91.8	9.1	3	24	103.9	9.8	3	21	81.1	8.4
INTESTINAL INFECTIONS DUE TO SPECIFIED ORGANISMS AND ILL-DEFINED (007-009)....	4	33	67.3	6.7	4	16	69.3	6.6	4	17	65.6	6.8
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779).....	5	27	55.1	5.5	5	15	64.9	6.1	5	12	46.3	4.8
DIABETES MELLITUS (250).....	-	18	36.7	3.7	-	6	26.0	2.5	5	12	46.3	4.8
1979												
SURINAME												
TOTAL DEATHS .....	-	2699	708.4	100.0	-	1504	791.6	100.0	-	1195	625.7	100.0
DISEASES OF THE HEART (390-429).....	1	368	96.6	13.6	1	203	106.8	13.5	1	165	86.4	13.8
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779).....	2	240	63.0	8.9	2	136	71.6	9.0	2	104	54.5	8.7
CEREBROVASCULAR DISEASE (430-438).....	3	170	44.6	6.3	4	86	45.3	5.7	3	84	44.0	7.0
MALIGNANT NEOPLASMS (140-208).....	4	159	41.7	5.9	5	77	40.5	5.1	4	82	42.9	6.9
ACCIDENTS (E800-E949).....	5	124	32.5	4.6	3	91	47.9	6.1	5	33	17.3	2.8
INFLUENZA AND PNEUMONIA (480-487).....	-	65	17.1	2.4	-	32	16.8	2.1	5	33	17.3	2.8

Table II-7b  
 FIVE LEADING CAUSES OF DEATH (ICD-9th REVISION) WITH RATES PER 100,000 LIVE BIRTHS,  
 CHILDREN UNDER 1 YEAR, BY SEX AND COUNTRY

AREA AND PRINCIPAL CAUSES	TOTAL			MALE			FEMALE					
	RANK ORDER	NUMBER	RATE	RANK ORDER	NUMBER	RATE	RANK ORDER	NUMBER	RATE	RANK ORDER	NUMBER	RATE
1980												
BARBADOS												
TOTAL DEATHS .....	-	94	2231.7	100.0	-	49	2298.3	100.0	-	45	2163.5	100.0
1980												
CHILE												
TOTAL DEATHS .....	-	8072	3190.5	100.0	-	4527	3509.3	100.0	-	3545	2858.9	100.0
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779).....	1	3179	1256.5	39.4	1	1824	1414.0	40.3	1	1355	1092.7	38.2
INFLUENZA AND PNEUMONIA (480-487).....	2	1077	425.7	13.3	3	541	419.4	12.0	2	536	432.3	15.1
CONGENITAL ANOMALIES (740-759).....	3	978	386.6	12.1	2	548	424.8	12.1	3	430	346.8	12.1
INTESTINAL INFECTIONS DUE TO SPECIFIED ORGANISMS AND ILL-DEFINED (007-009)....	4	486	192.1	6.0	4	281	217.8	6.2	4	205	165.3	5.8
ACCIDENTS (E800-E949).....	5	381	150.6	4.7	5	222	172.1	4.9	5	159	128.2	4.5
1980												
FALKLAND ISLANDS												
TOTAL DEATHS .....	-	-	0.0	100.0	-	-	-	100.0	-	-	-	100.0
1979												
FRENCH GUIANA												
TOTAL DEATHS .....	-	2	125.0	100.0	-	1	125.0	100.0	-	1	125.0	100.0
1980												
GUATEMALA												
TOTAL DEATHS .....	-	24625	8587.5	100.0	-	13458	9200.6	100.0	-	11167	7949.2	100.0
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779).....	1	9112	3177.6	37.0	1	5198	3553.6	38.6	1	3914	2786.2	35.0
INTESTINAL INFECTIONS DUE TO SPECIFIED ORGANISMS AND ILL-DEFINED (007-009)....	2	5488	1913.8	22.3	2	2939	2009.3	21.8	2	2549	1814.5	22.8
INFLUENZA AND PNEUMONIA (480-487).....	3	4035	1407.1	16.4	3	2249	1537.5	16.7	3	1786	1271.4	16.0
WHOOPING COUGH (033).....	4	718	250.4	2.9	4	318	217.4	2.4	4	400	284.7	3.6
CONGENITAL ANOMALIES (740-759).....	5	597	208.2	2.4	5	302	206.5	2.2	5	295	210.0	2.6
1979												
HONDURAS												
TOTAL DEATHS .....	-	3919	2488.6	100.0	-	2226	2758.6	100.0	-	1693	2204.7	100.0
INTESTINAL INFECTIONS DUE TO SPECIFIED ORGANISMS AND ILL-DEFINED (007-009)....	1	915	581.0	23.3	1	525	650.6	23.6	1	390	507.9	23.0
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779).....	2	500	317.5	12.8	2	306	379.2	13.7	2	194	252.6	11.5
INFLUENZA AND PNEUMONIA (480-487).....	3	253	160.7	6.5	3	129	159.9	5.8	3	124	161.5	7.3
BRONCHITIS, EMPHYSEMA, AND ASTHMA (490-493).....	4	180	114.3	4.6	4	102	126.4	4.6	4	78	101.6	4.6
WHOOPING COUGH (033).....	5	88	55.9	2.2	-	37	45.9	1.7	5	51	66.4	3.0
MEASLES (055).....	-	81	51.4	2.1	5	45	55.8	2.0	-	36	46.9	2.1
1980												
PANAMA												
TOTAL DEATHS .....	-	1144	2200.0	100.0	-	625	2376.4	100.0	-	519	2019.5	100.0
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779).....	1	490	942.3	42.8	1	273	1038.0	43.7	1	217	844.4	41.8
CONGENITAL ANOMALIES (740-759).....	2	131	251.9	11.5	2	70	266.2	11.2	2	61	237.4	11.8
INTESTINAL INFECTIONS DUE TO SPECIFIED ORGANISMS AND ILL-DEFINED (007-009)....	3	83	159.6	7.3	3	50	190.1	8.0	4	33	128.4	6.4
INFLUENZA AND PNEUMONIA (480-487).....	4	80	153.8	7.0	4	40	152.1	6.4	3	40	155.6	7.7
WHOOPING COUGH (033).....	5	33	63.5	2.9	-	15	57.0	2.4	5	18	70.0	3.5
MENINGITIS (320-322).....	-	28	53.8	2.4	5	16	60.8	2.6	-	12	46.7	2.3

Table II-7b  
 FIVE LEADING CAUSES OF DEATH (ICD-9th REVISION) WITH RATES PER 100,000 LIVE BIRTHS,  
 CHILDREN UNDER 1 YEAR, BY SEX AND COUNTRY

AREA AND PRINCIPAL CAUSES	-----TOTAL-----				-----MALE-----				-----FEMALE-----			
	RANK ORDER	NUMBER	RATE	PER CENT	RANK ORDER	NUMBER	RATE	PER CENT	RANK ORDER	NUMBER	RATE	PER CENT
1980												
PARAGUAY (AREA OF INFORMATION)												
TOTAL DEATHS .....	-	2845	8128.6	100.0	-	1599	8883.3	100.0	-	1246	7329.4	100.0
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779).....	1	653	1865.7	23.0	1	380	2111.1	23.8	1	273	1605.9	21.9
INTESTINAL INFECTIONS DUE TO SPECIFIED ORGANISMS AND ILL-DEFINED (007-009)....	2	568	1622.9	20.0	2	311	1727.8	19.4	2	257	1511.8	20.6
INFLUENZA AND PNEUMONIA (480-487).....	3	399	1140.0	14.0	3	213	1183.3	13.3	3	186	1094.1	14.9
CONGENITAL ANOMALIES (740-759).....	4	108	308.6	3.8	4	64	355.6	4.0	4	44	258.8	3.5
TETANUS (037).....	5	80	228.6	2.8	5	55	305.6	3.4	-	25	147.1	2.0
MENINGITIS (320-322).....	-	66	188.6	2.3	-	28	155.6	1.8	5	38	223.5	3.0
1980												
PUERTO RICO												
TOTAL DEATHS .....	-	1347	1843.8	100.0	-	796	2117.9	100.0	-	551	1553.3	100.0
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779).....	1	867	1186.7	64.4	1	517	1375.6	64.9	1	350	986.7	63.5
CONGENITAL ANOMALIES (740-759).....	2	143	195.7	10.6	2	77	204.9	9.7	2	66	186.1	12.0
INFLUENZA AND PNEUMONIA (480-487).....	3	91	124.6	6.8	3	57	151.7	7.2	3	34	95.8	6.2
ACCIDENTS (E800-E949).....	4	21	28.7	1.6	4	13	34.6	1.6	4	8	22.6	1.5
DISEASES OF THE HEART (390-429).....	5	19	26.0	1.4	5	12	31.9	1.5	-	7	19.7	1.3
MENINGITIS (320-322).....	-	18	24.6	1.3	-	10	26.6	1.3	4	8	22.6	1.5
1980												
ST. KITTS AND NEVIS												
TOTAL DEATHS .....	-	62	5299.1	100.0	-	31	5317.3	100.0	-	31	5281.1	100.0
1979												
SURINAME												
TOTAL DEATHS .....	-	398	3759.7	100.0	-	227	4186.2	100.0	-	171	3310.1	100.0
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779).....	1	239	2257.7	60.1	1	135	2490.8	59.5	1	104	2013.2	60.8
CONGENITAL ANOMALIES (740-759).....	2	36	340.1	9.0	2	21	387.5	9.3	2	15	290.4	8.8
INTESTINAL INFECTIONS DUE TO SPECIFIED ORGANISMS AND ILL-DEFINED (007-009)....	3	27	255.1	6.8	3	16	295.2	7.0	3	11	212.9	6.4
INFLUENZA AND PNEUMONIA (480-487).....	4	13	122.8	3.3	5	3	55.4	1.3	4	10	193.6	5.8
NUTRITIONAL DEFICIENCIES (260-269).....	5	8	75.6	2.0	5	3	55.4	1.3	5	5	96.8	2.9
MENINGITIS (320-322).....	-	5	47.2	1.3	4	4	73.8	1.8	-	1	19.4	0.6
BENIGN NEOPLASMS, OTHER NEOPLASMS, AND UNSPECIFIED NATURE (210-229, 235-239)....	-	1	9.4	0.3	-	0	0.0	0.0	-	1	19.4	0.6

Table II-7c  
 FIVE LEADING CAUSES OF DEATH (ICD-9th REVISION) WITH RATES PER 100,000 POPULATION,  
 CHILDREN 1-4 YEARS, BY SEX AND COUNTRY

AREA AND PRINCIPAL CAUSES	-----TOTAL-----				-----MALE-----				-----FEMALE-----			
	RANK ORDER	NUMBER	RATE	PER CENT	RANK ORDER	NUMBER	RATE	PER CENT	RANK ORDER	NUMBER	RATE	PER CENT
1980												
BARBADOS												
TOTAL DEATHS .....	-	14	81.4	100.0	-	9	103.4	100.0	-	5	58.8	100.0
1980												
CHILE												
TOTAL DEATHS .....	-	1267	127.3	100.0	-	680	134.5	100.0	-	587	119.9	100.0
ACCIDENTS (E800-E949).....	1	173	17.4	13.7	1	106	21.0	15.6	2	67	13.7	11.4
INFLUENZA AND PNEUMONIA (480-487).....	2	163	16.4	12.9	2	74	14.6	10.9	1	89	18.2	15.2
CONGENITAL ANOMALIES (740-759).....	3	71	7.1	5.6	3	36	7.1	5.3	3	35	7.1	6.0
MALIGNANT NEOPLASMS (140-208).....	4	60	6.0	4.7	4	32	6.3	4.7	4	28	5.7	4.8
INTESTINAL INFECTIONS DUE TO SPECIFIED ORGANISMS AND ILL-DEFINED (007-009).....	5	44	4.4	3.5	5	22	4.4	3.2	5	22	4.5	3.7
1980												
FALKLAND ISLANDS												
TOTAL DEATHS .....	-	-	-	100.0	-	-	-	100.0	-	-	-	100.0
1979												
FRENCH GUIANA												
TOTAL DEATHS .....	-	2	33.3	100.0	-	2	66.7	100.0	-	-	-	100.0
1980												
GUATEMALA												
TOTAL DEATHS .....	-	13112	1237.0	100.0	-	6643	1275.0	100.0	-	6469	1200.2	100.0
INTESTINAL INFECTIONS DUE TO SPECIFIED ORGANISMS AND ILL-DEFINED (007-009).....	1	4699	443.3	35.8	1	2377	456.2	35.8	1	2322	430.8	35.9
INFLUENZA AND PNEUMONIA (480-487).....	2	2520	237.7	19.2	2	1289	247.4	19.4	2	1231	228.4	19.0
MEASLES (055).....	3	1004	94.7	7.7	3	532	102.1	8.0	3	472	87.6	7.3
WHOOPING COUGH (033).....	4	671	63.3	5.1	4	279	53.6	4.2	4	392	72.7	6.1
NUTRITIONAL DEFICIENCIES (260-269).....	5	415	39.2	3.2	5	221	42.4	3.3	5	194	36.0	3.0
1979												
HONDURAS												
TOTAL DEATHS .....	-	2500	431.8	100.0	-	1317	451.0	100.0	-	1183	412.2	100.0
INTESTINAL INFECTIONS DUE TO SPECIFIED ORGANISMS AND ILL-DEFINED (007-009).....	1	574	99.1	23.0	1	326	111.6	24.8	1	248	86.4	21.0
INFLUENZA AND PNEUMONIA (480-487).....	2	174	30.1	7.0	2	82	28.1	6.2	2	92	32.1	7.8
MEASLES (055).....	3	158	27.3	6.3	3	80	27.4	6.1	3	78	27.2	6.6
BRONCHITIS, EMPHYSEMA, AND ASTHMA (490-493).....	4	117	20.2	4.7	4	54	18.5	4.1	4	63	22.0	5.3
ALL ACCIDENTS AND VIOLENCE (E800-E999).....	5	61	10.5	2.4	-	31	10.6	2.4	-	30	10.5	2.5
ANEMIAS (280-285).....	-	59	10.2	2.4	-	25	8.6	1.9	5	34	11.8	2.9
DISEASES OF THE HEART (390-429).....	-	57	9.8	2.3	5	34	11.6	2.6	-	23	8.0	1.9



Table II-7c  
 FIVE LEADING CAUSES OF DEATH (ICD-9th REVISION) WITH RATES PER 100,000 POPULATION,  
 CHILDREN 1-4 YEARS, BY SEX AND COUNTRY

AREA AND PRINCIPAL CAUSES	-----TOTAL-----				-----MALE-----				-----FEMALE-----			
	RANK ORDER	NUMBER	RATE	PER CENT	RANK ORDER	NUMBER	RATE	PER CENT	RANK ORDER	NUMBER	RATE	PER CENT
1980												
PANAMA												
TOTAL DEATHS .....	-	507	298.6	100.0	-	246	200.0	100.0	-	261	217.5	100.0
INTESTINAL INFECTIONS DUE TO SPECIFIED ORGANISMS AND ILL-DEFINED (007-009).....	1	66	27.2	13.0	3	29	23.6	11.8	1	37	30.8	14.2
ACCIDENTS (E800-E949).....	2	66	27.2	13.0	1	37	30.1	15.0	2	29	24.2	11.1
INFLUENZA AND PNEUMONIA (480-487).....	3	53	21.8	10.5	2	30	24.4	12.2	3	23	19.2	8.8
WHOOPING COUGH (033).....	4	43	17.7	8.5	4	20	16.3	8.1	3	23	19.2	8.8
BRONCHITIS, EMPHYSEMA, AND ASTHMA (490-493).....	5	38	15.6	7.5	5	15	12.2	6.1	3	23	19.2	8.8
1980												
PARAGUAY (AREA OF INFORMATION)												
TOTAL DEATHS .....	-	900	412.8	100.0	-	475	431.8	100.0	-	425	393.5	100.0
INTESTINAL INFECTIONS DUE TO SPECIFIED ORGANISMS AND ILL-DEFINED (007-009).....	1	308	141.3	34.2	1	175	159.1	36.8	1	133	123.1	31.3
INFLUENZA AND PNEUMONIA (480-487).....	2	133	61.0	14.8	2	62	56.4	13.1	2	71	65.7	16.7
ACCIDENTS (E800-E949).....	3	40	18.3	4.4	3	24	21.8	5.1	3	16	14.8	3.8
MEASLES (055).....	4	26	11.9	2.9	5	13	11.8	2.7	4	13	12.0	3.1
BRONCHITIS, EMPHYSEMA, AND ASTHMA (490-493).....	5	25	11.5	2.8	4	15	13.6	3.2	-	10	9.3	2.4
MENINGITIS (320-322).....	-	14	6.4	1.6	-	3	2.7	0.6	5	11	10.2	2.6
1980												
PUERTO RICO												
TOTAL DEATHS .....	-	151	49.3	100.0	-	86	55.1	100.0	-	65	43.3	100.0
ACCIDENTS (E800-E949).....	1	41	13.4	27.2	1	29	18.6	33.7	2	12	8.0	18.5
CONGENITAL ANOMALIES (740-759).....	2	20	6.5	13.2	4	7	4.5	8.1	1	13	8.7	20.0
INFLUENZA AND PNEUMONIA (480-487).....	3	16	5.2	10.6	3	9	5.8	10.5	3	7	4.7	10.8
MALIGNANT NEOPLASMS (140-208).....	4	15	4.9	9.9	2	11	7.1	12.8	5	4	2.7	6.2
DISEASES OF THE HEART (390-429).....	5	10	3.3	6.6	5	4	2.6	4.7	4	6	4.0	9.2
1980												
ST. KITTS AND NEVIS												
TOTAL DEATHS .....	-	14	225.8	100.0	-	12	387.1	100.0	-	2	64.5	100.0
1979												
SURINAME												
TOTAL DEATHS .....	-	77	157.1	100.0	-	41	164.0	100.0	-	36	150.0	100.0

Table II-7d  
 FIVE LEADING CAUSES OF DEATH (ICD-9th REVISION) WITH RATES PER 100,000 POPULATION,  
 AGES 5-14, BY SEX AND COUNTRY

AREA AND PRINCIPAL CAUSES	-----TOTAL-----				-----MALE-----				-----FEMALE-----			
	RANK ORDER	NUMBER	RATE	PER CENT	RANK ORDER	NUMBER	RATE	PER CENT	RANK ORDER	NUMBER	RATE	PER CENT
1980												
BARBADOS												
TOTAL DEATHS .....	-	24	45.8	100.0	-	17	64.2	100.0	-	7	27.0	100.0
1980												
CHILE												
TOTAL DEATHS .....	-	1309	55.8	100.0	-	748	62.8	100.0	-	561	48.5	100.0
ACCIDENTS (E800-E949).....	1	251	10.7	19.2	1	154	12.9	20.6	1	97	8.4	17.3
MALIGNANT NEUPLASMS (140-208).....	2	123	5.2	9.4	2	67	5.6	9.0	2	56	4.8	10.0
INFLUENZA AND PNEUMONIA (480-487).....	3	87	3.7	6.6	3	41	3.4	5.5	3	46	4.0	8.2
BENIGN NEUPLASMS, OTHER NEUPLASMS, AND UNSPECIFIED NATURE (210-229, 235-239)....	4	36	1.5	2.8	5	20	1.7	2.7	5	16	1.4	2.9
DISEASES OF THE HEART (390-429).....	5	35	1.5	2.7	4	21	1.8	2.8	-	14	1.2	2.5
CONGENITAL ANOMALIES (740-759).....	-	31	1.3	2.4	-	13	1.1	1.7	4	18	1.6	3.2
1980												
FALKLAND ISLANDS												
TOTAL DEATHS .....	-	-	-	100.0	-	-	-	100.0	-	-	-	100.0
1979												
FRENCH GUIANA												
TOTAL DEATHS .....	-	5	35.7	100.0	-	3	42.9	100.0	-	2	28.6	100.0
1980												
GUATEMALA												
TOTAL DEATHS .....	-	3385	149.9	100.0	-	1755	156.7	100.0	-	1630	143.2	100.0
INTESTINAL INFECTIONS DUE TO SPECIFIED ORGANISMS AND ILL-DEFINED (007-009)....	1	774	34.3	22.9	1	382	34.1	21.8	1	392	34.4	24.0
INFLUENZA AND PNEUMONIA (480-487).....	2	525	23.3	15.5	2	269	24.0	15.3	2	256	22.5	15.7
MEASLES (055).....	3	245	10.9	7.2	4	104	9.3	5.9	3	141	12.4	8.7
ACCIDENTS (E800-E949).....	4	216	9.6	6.4	3	152	13.6	8.7	5	64	5.6	3.9
NUTRITIONAL DEFICIENCIES (260-269).....	5	156	6.9	4.6	5	82	7.3	4.7	4	74	6.5	4.5
1979												
HONDURAS												
TOTAL DEATHS .....	-	1052	103.1	100.0	-	566	110.5	100.0	-	486	95.7	100.0
ALL ACCIDENTS AND VIOLENCE (E800-E999)...	1	154	15.1	14.6	1	95	18.6	16.8	2	59	11.6	12.1
INTESTINAL INFECTIONS DUE TO SPECIFIED ORGANISMS AND ILL-DEFINED (007-009)....	2	132	12.9	12.5	2	71	13.9	12.5	1	61	12.0	12.6
ANEMIAS (280-285).....	3	47	4.6	4.5	4	18	3.5	3.2	3	29	5.7	6.0
DISEASES OF THE HEART (390-429).....	4	46	4.5	4.4	3	24	4.7	4.2	4	22	4.3	4.5
MEASLES (055).....	5	30	2.9	2.9	5	16	3.1	2.8	5	14	2.8	2.9
INFLUENZA AND PNEUMONIA (480-487).....	-	29	2.8	2.8	5	16	3.1	2.8	-	13	2.6	2.7

Table II-7d  
 FIVE LEADING CAUSES OF DEATH (ICD-9th REVISION) WITH RATES PER 100,000 POPULATION,  
 AGES 5-14, BY SEX AND COUNTRY

AREA AND PRINCIPAL CAUSES	TOTAL				MALE				FEMALE			
	RANK ORDER	NUMBER	RATE	PER CENT	RANK ORDER	NUMBER	RATE	PER CENT	RANK ORDER	NUMBER	RATE	PER CENT
1980												
PANAMA												
TOTAL DEATHS .....	-	261	52.1	100.0	-	147	57.9	100.0	-	114	46.2	100.0
ACCIDENTS (E800-E949).....	1	70	14.0	26.8	1	46	18.1	31.3	1	24	9.7	21.1
MALIGNANT NEOPLASMS (140-208).....	2	26	5.2	10.0	2	13	5.1	8.8	2	13	5.3	11.4
INTESTINAL INFECTIONS DUE TO SPECIFIED ORGANISMS AND ILL-DEFINED (007-009).....	3	18	3.6	6.9	3	11	4.3	7.5	3	7	2.8	6.1
WHOOPING COUGH (033).....	4	7	1.4	2.7	-	2	0.8	1.4	5	5	2.0	4.4
DISEASES OF THE HEART (390-429).....	5	7	1.4	2.7	4	3	1.2	2.0	-	4	1.6	3.5
INFLUENZA AND PNEUMONIA (480-487).....	-	7	1.4	2.7	-	1	0.4	0.7	4	6	2.4	5.3
BRONCHITIS, EMPHYSEMA, AND ASTHMA (490-493).....	-	6	1.2	2.3	4	3	1.2	2.0	-	3	1.2	2.6
TUBERCULOSIS (010-018).....	-	5	1.0	1.9	4	3	1.2	2.0	-	2	0.8	1.8
1980												
PARAGUAY (AREA OF INFORMATION)												
TOTAL DEATHS .....	-	331	63.2	100.0	-	196	73.7	100.0	-	135	52.3	100.0
ACCIDENTS (E800-E949).....	1	63	12.0	19.0	1	41	15.4	20.9	1	22	8.5	16.3
INFLUENZA AND PNEUMONIA (480-487).....	2	34	6.5	10.3	3	17	6.4	8.7	2	17	6.6	12.6
INTESTINAL INFECTIONS DUE TO SPECIFIED ORGANISMS AND ILL-DEFINED (007-009).....	3	33	6.3	10.0	2	19	7.1	9.7	3	14	5.4	10.4
MALIGNANT NEOPLASMS (140-208).....	4	23	4.4	6.9	4	12	4.5	6.1	4	11	4.3	8.1
DISEASES OF THE HEART (390-429).....	5	12	2.3	3.6	5	8	3.0	4.1	5	4	1.6	3.0
CONGENITAL ANOMALIES (740-759).....	-	8	1.5	2.4	-	4	1.5	2.0	5	4	1.6	3.0
1980												
PUERTO RICO												
TOTAL DEATHS .....	-	186	23.9	100.0	-	108	27.4	100.0	-	78	20.3	100.0
ACCIDENTS (E800-E949).....	1	65	8.4	34.9	1	48	12.2	44.4	2	17	4.4	21.8
MALIGNANT NEOPLASMS (140-208).....	2	33	4.2	17.7	2	15	3.8	13.9	1	18	4.7	23.1
INFLUENZA AND PNEUMONIA (480-487).....	3	9	1.2	4.8	-	2	0.5	1.9	3	7	1.8	9.0
CONGENITAL ANOMALIES (740-759).....	4	8	1.0	4.3	3	5	1.3	4.6	5	3	0.8	3.8
DISEASES OF THE HEART (390-429).....	5	7	0.9	3.8	4	4	1.0	3.7	5	3	0.8	3.8
BENIGN NEOPLASMS, OTHER NEOPLASMS, AND UNSPECIFIED NATURE (210-229, 235-239)...	-	6	0.8	3.2	-	2	0.5	1.9	4	4	1.0	5.1
HOMICIDE, LEGAL INTERVENTION, AND OPERATIONS OF WAR (E960-E978, E990-E999)	-	5	0.6	2.7	4	4	1.0	3.7	-	1	0.3	1.3
1980												
ST. KITTS AND NEVIS												
TOTAL DEATHS .....	-	6	36.1	100.0	-	2	24.1	100.0	-	4	48.2	100.0
1979												
SURINAME												
TOTAL DEATHS .....	-	38	33.6	100.0	-	22	38.6	100.0	-	16	28.6	100.0

Table II-7e  
 FIVE LEADING CAUSES OF DEATH (ICD-9th REVISION) WITH RATES PER 100,000 POPULATION,  
 AGES 15-44, BY SEX AND COUNTRY

AREA AND PRINCIPAL CAUSES	TOTAL				MALE				FEMALE			
	RANK ORDER	NUMBER	RATE	PER CENT	RANK ORDER	NUMBER	RATE	PER CENT	RANK ORDER	NUMBER	RATE	PER CENT
1980												
BARBADOS												
TOTAL DEATHS .....	-	115	99.0	100.0	-	74	127.4	100.0	-	41	70.6	100.0
ACCIDENTS (E800-E949).....	1	28	24.1	24.3	1	25	43.0	33.8	3	3	5.2	7.3
MALIGNANT NEOPLASMS (140-208).....	2	17	14.6	14.8	4	6	10.3	8.1	1	11	18.9	26.8
DISEASES OF THE HEART (390-429).....	3	12	10.3	10.4	2	7	12.0	9.5	2	5	8.6	12.2
CEREBROVASCULAR DISEASE (430-438).....	4	8	6.9	7.0	5	5	8.6	6.8	3	3	5.2	7.3
HOMICIDE,LEGAL INTERVENTION,AND OPERATIONS OF WAR (E960-E978,E990-E999)	5	8	6.9	7.0	2	7	12.0	9.5	-	1	1.7	2.4
CHRONIC LIVER DISEASE AND CIRRHOSIS (571).....	-	3	2.6	2.6	-	1	1.7	1.4	5	2	3.4	4.9
1980												
CHILE												
TOTAL DEATHS .....	-	9559	180.2	100.0	-	6397	241.0	100.0	-	3162	119.3	100.0
ACCIDENTS (E800-E949).....	1	1361	25.7	14.2	1	1131	42.6	17.7	2	230	8.7	7.3
MALIGNANT NEOPLASMS (140-208).....	2	1023	19.3	10.7	3	465	17.5	7.3	1	558	21.1	17.6
CHRONIC LIVER DISEASE AND CIRRHOSIS (571).....	3	662	12.5	6.9	2	492	18.5	7.7	5	170	6.4	5.4
DISEASES OF THE HEART (390-429).....	4	541	10.2	5.7	4	338	12.7	5.3	3	203	7.7	6.4
TUBERCULOSIS (010-018).....	5	398	7.5	4.2	-	245	9.2	3.8	-	153	5.8	4.8
SUICIDE (E950-E959).....	-	372	7.0	3.9	5	317	11.9	5.0	-	55	2.1	1.7
COMPLICATIONS OF PREGNANCY, CHILDBIRTH, AND PUERPERIUM (630-676).....	-	183	3.4	1.9	-	0	0.0	0.0	4	183	6.9	5.8
1980												
FALKLAND ISLANDS												
TOTAL DEATHS .....	-	1	113.6	100.0	-	1	196.1	100.0	-	-	-	100.0
1979												
FRENCH GUIANA												
TOTAL DEATHS .....	-	40	148.1	100.0	-	31	206.7	100.0	-	9	75.0	100.0
1980												
GUATEMALA												
TOTAL DEATHS .....	-	12304	453.4	100.0	-	8356	679.9	100.0	-	3948	265.9	100.0
HOMICIDE,LEGAL INTERVENTION,AND OPERATIONS OF WAR (E960-E978,E990-E999)	1	3900	143.7	31.7	1	3626	295.0	43.4	3	274	18.5	6.9
ACCIDENTS (E800-E949).....	2	1238	45.6	10.1	2	1047	85.2	12.5	-	191	12.9	4.8
INFLUENZA AND PNEUMONIA (480-487).....	3	900	33.2	7.3	3	436	35.5	5.2	1	464	31.2	11.8
INTESTINAL INFECTIONS DUE TO SPECIFIED ORGANISMS AND ILL-DEFINED (007-009).....	4	829	30.5	6.7	4	404	32.9	4.8	2	425	28.6	10.8
DISEASES OF THE HEART (390-429).....	5	423	15.6	3.4	-	217	17.7	2.6	5	206	13.9	5.2
MENTAL DISORDERS (290-319).....	-	325	12.0	2.6	5	273	22.2	3.3	-	52	3.5	1.3
COMPLICATIONS OF PREGNANCY, CHILDBIRTH, AND PUERPERIUM (630-676).....	-	268	9.9	2.2	-	0	0.0	0.0	4	268	18.0	6.8
1979												
HONDURAS												
TOTAL DEATHS .....	-	3107	220.5	100.0	-	1874	264.7	100.0	-	1233	175.9	100.0
ALL ACCIDENTS AND VIOLENCE (E800-E999)...	1	1139	80.8	36.7	1	1007	142.2	53.7	1	132	18.8	10.7
DISEASES OF THE HEART (390-429).....	2	284	20.2	9.1	2	152	21.5	8.1	1	132	18.8	10.7
COMPLICATIONS OF PREGNANCY, CHILDBIRTH, AND PUERPERIUM (630-676).....	3	124	8.8	4.0	-	0	0.0	0.0	3	124	17.7	10.1
MALIGNANT NEOPLASMS (140-208).....	4	115	8.2	3.7	4	39	5.5	2.1	4	76	10.8	6.2
INTESTINAL INFECTIONS DUE TO SPECIFIED ORGANISMS AND ILL-DEFINED (007-009).....	5	97	6.9	3.1	3	57	8.1	3.0	-	40	5.7	3.2
ANEMIAS (280-285).....	-	57	4.0	1.8	-	8	1.1	0.4	5	49	7.0	4.0
MENTAL DISORDERS (290-319).....	-	36	2.6	1.2	5	33	4.7	1.8	-	3	0.4	0.2

Table II-7e  
 FIVE LEADING CAUSES OF DEATH (ICD-9th REVISION) WITH RATES PER 100,000 POPULATION,  
 AGES 15-44, BY SEX AND COUNTRY

AREA AND PRINCIPAL CAUSES	-----TOTAL-----				-----MALE-----				-----FEMALE-----			
	RANK ORDER	NUMBER	RATE	PER CENT	RANK ORDER	NUMBER	RATE	PER CENT	RANK ORDER	NUMBER	RATE	PER CENT
1980												
PANAMA												
TOTAL DEATHS .....	-	1195	157.7	100.0	-	764	200.5	100.0	-	431	114.3	100.0
ACCIDENTS (E800-E949).....	1	341	45.0	28.5	1	286	75.1	37.4	2	55	14.6	12.8
MALIGNANT NEOPLASMS (140-208).....	2	133	17.5	11.1	2	47	12.3	6.2	1	86	22.8	20.0
DISEASES OF THE HEART (390-429).....	3	81	10.7	6.8	3	42	11.0	5.5	3	39	10.3	9.0
TUBERCULOSIS (010-018).....	4	48	6.3	4.0	5	21	5.5	2.7	5	27	7.2	6.3
COMPLICATIONS OF PREGNANCY, CHILDBIRTH, AND PUERPERIUM (630-676).....	5	38	5.0	3.2	-	0	0.0	0.0	4	38	10.1	8.8
HOMICIDE, LEGAL INTERVENTION, AND OPERATIONS OF WAR (E960-E978, E990-E999)	-	30	4.0	2.5	4	24	6.3	3.1	-	6	1.6	1.4
1980												
PARAGUAY (AREA OF INFORMATION)												
TOTAL DEATHS .....	-	1683	242.2	100.0	-	878	259.8	100.0	-	805	225.5	100.0
ACCIDENTS (E800-E949).....	1	285	41.0	16.9	1	237	70.1	27.0	4	48	13.4	6.0
DISEASES OF THE HEART (390-429).....	2	160	23.0	9.5	3	78	23.1	8.9	3	82	23.0	10.2
COMPLICATIONS OF PREGNANCY, CHILDBIRTH, AND PUERPERIUM (630-676).....	3	158	22.7	9.4	-	0	0.0	0.0	1	158	44.3	19.6
MALIGNANT NEOPLASMS (140-208).....	4	154	22.2	9.2	4	45	13.3	5.1	2	109	30.5	13.5
HOMICIDE, LEGAL INTERVENTION, AND OPERATIONS OF WAR (E960-E978, E990-E999)	5	108	15.5	6.4	2	97	28.7	11.0	-	11	3.1	1.4
TUBERCULOSIS (010-018).....	-	66	9.5	3.9	5	41	12.1	4.7	-	25	7.0	3.1
CEREBROVASCULAR DISEASE (430-438).....	-	58	8.3	3.4	-	25	7.4	2.8	5	33	9.2	4.1
1980												
PUERTO RICO												
TOTAL DEATHS .....	-	2277	149.2	100.0	-	1701	232.7	100.0	-	576	72.5	100.0
ACCIDENTS (E800-E949).....	1	496	32.5	21.8	1	428	58.5	25.2	3	68	8.6	11.8
HOMICIDE, LEGAL INTERVENTION, AND OPERATIONS OF WAR (E960-E978, E990-E999)	2	362	23.7	15.9	2	329	45.0	19.3	4	33	4.2	5.7
MALIGNANT NEOPLASMS (140-208).....	3	243	15.9	10.7	-	115	15.7	6.8	1	128	16.1	22.2
DISEASES OF THE HEART (390-429).....	4	222	14.5	9.7	3	145	19.8	8.5	2	77	9.7	13.4
SUICIDE (E950-E959).....	5	161	10.6	7.1	4	143	19.6	8.4	-	18	2.3	3.1
CHRONIC LIVER DISEASE AND CIRRHOSIS (571).....	-	150	9.8	6.6	5	128	17.5	7.5	-	22	2.8	3.8
CEREBROVASCULAR DISEASE (430-438).....	-	43	2.8	1.9	-	19	2.6	1.1	5	24	3.0	4.2
1980												
ST. KITTS AND NEVIS												
TOTAL DEATHS .....	-	31	227.9	100.0	-	20	317.5	100.0	-	11	150.7	100.0
1979												
SURINAME												
TOTAL DEATHS .....	-	296	201.4	100.0	-	187	259.7	100.0	-	109	145.3	100.0
ACCIDENTS (E800-E949).....	1	56	38.1	18.9	1	44	61.1	23.5	3	12	16.0	11.0
DISEASES OF THE HEART (390-429).....	2	45	30.6	15.2	2	22	30.6	11.8	1	23	30.7	21.1
SUICIDE (E950-E959).....	3	36	24.5	12.2	3	19	26.4	10.2	2	17	22.7	15.6
MALIGNANT NEOPLASMS (140-208).....	4	26	17.7	8.8	5	14	19.4	7.5	3	12	16.0	11.0
HOMICIDE, LEGAL INTERVENTION, AND OPERATIONS OF WAR (E960-E978, E990-E999)	5	17	11.6	5.7	4	15	20.8	8.0	-	2	2.7	1.8
CHRONIC LIVER DISEASE AND CIRRHOSIS (571).....	-	14	9.5	4.7	5	14	19.4	7.5	-	0	0.0	0.0
COMPLICATIONS OF PREGNANCY, CHILDBIRTH, AND PUERPERIUM (630-676).....	-	5	3.4	1.7	-	0	0.0	0.0	5	5	6.7	4.6

Table II-7f  
 FIVE LEADING CAUSES OF DEATH (ICD-9th REVISION) WITH RATES PER 100,000 POPULATION,  
 AGES 45-64, BY SEX AND COUNTRY

AREA AND PRINCIPAL CAUSES	-----TOTAL-----			-----MALE-----			-----FEMALE-----					
	RANK ORDER	NUMBER	RATE	PER CENT	RANK ORDER	NUMBER	RATE	PER CENT	RANK ORDER	NUMBER	RATE	PER CENT
1980												
BARBADOS												
TOTAL DEATHS .....	-	353	921.7	100.0	-	185	1135.0	100.0	-	168	763.6	100.0
DISEASES OF THE HEART (390-429).....	1	103	268.9	29.2	1	60	368.1	32.4	2	43	195.5	25.6
MALIGNANT NEOPLASMS (140-208).....	2	90	235.0	25.5	2	35	214.7	18.9	1	55	250.0	32.7
CEREBROVASCULAR DISEASE (430-438).....	3	43	112.3	12.2	3	22	135.0	11.9	3	21	95.5	12.5
ACCIDENTS (E800-E949).....	4	16	41.8	4.5	4	11	67.5	5.9	5	5	22.7	3.0
DIABETES MELLITUS (250).....	5	15	39.2	4.2	-	1	6.1	0.5	4	14	63.6	8.3
BRONCHITIS, EMPHYSEMA, AND ASTHMA (490-493).....	-	7	18.3	2.0	5	6	36.8	3.2	-	1	4.5	0.6
1980												
CHILE												
TOTAL DEATHS .....	-	16636	1053.3	100.0	-	10139	1340.7	100.0	-	6497	789.3	100.0
MALIGNANT NEOPLASMS (140-208).....	1	3852	243.9	23.2	1	1892	250.2	18.7	1	1960	238.1	30.2
DISEASES OF THE HEART (390-429).....	2	2335	147.8	14.0	2	1441	190.5	14.2	2	894	108.6	13.8
CHRONIC LIVER DISEASE AND CIRRHOSIS (571).....	3	1877	118.8	11.3	3	1373	181.6	13.5	4	504	61.2	7.8
CEREBROVASCULAR DISEASE (430-438).....	4	1561	98.8	9.4	4	815	107.8	8.0	3	746	90.6	11.5
ACCIDENTS (E800-E949).....	5	789	50.0	4.7	5	622	82.2	6.1	-	167	20.3	2.6
DIABETES MELLITUS (250).....	-	424	26.8	2.5	-	213	28.2	2.1	5	211	25.6	3.2
1980												
FALKLAND ISLANDS												
TOTAL DEATHS .....	-	5	1190.5	100.0	-	3	1200.0	100.0	-	2	1176.5	100.0
1979												
FRENCH GUIANA												
TOTAL DEATHS .....	-	137	1522.2	100.0	-	82	1640.0	100.0	-	55	1375.0	100.0
DISEASES OF THE HEART (390-429).....	1	20	222.2	14.6	1	15	300.0	18.3	2	5	125.0	9.1
MALIGNANT NEOPLASMS (140-208).....	2	14	155.6	10.2	2	8	160.0	9.8	1	6	150.0	10.9
ACCIDENTS (E800-E949).....	3	9	100.0	6.6	3	5	100.0	6.1	3	4	100.0	7.3
CEREBROVASCULAR DISEASE (430-438).....	4	7	77.8	5.1	4	4	80.0	4.9	4	3	75.0	5.5
DIABETES MELLITUS (250).....	5	6	66.7	4.4	5	3	60.0	3.7	4	3	75.0	5.5
1980												
GUATEMALA												
TOTAL DEATHS .....	-	7263	1061.8	100.0	-	4382	1319.9	100.0	-	2881	818.5	100.0
INTESTINAL INFECTIONS DUE TO SPECIFIED ORGANISMS AND ILL-DEFINED (007-009).....	1	815	119.2	11.2	1	470	141.6	10.7	2	345	98.0	12.0
INFLUENZA AND PNEUMONIA (480-487).....	2	713	104.2	9.8	2	427	128.6	9.7	3	286	81.3	9.9
MALIGNANT NEOPLASMS (140-208).....	3	647	94.6	8.9	-	249	75.0	5.7	1	398	113.1	13.8
DISEASES OF THE HEART (390-429).....	4	631	92.3	8.7	4	347	104.5	7.9	4	284	80.7	9.9
HOMICIDE, LEGAL INTERVENTION, AND OPERATIONS OF WAR (E960-E978, E990-E999).....	5	446	65.2	6.1	3	412	124.1	9.4	-	34	9.7	1.2
ACCIDENTS (E800-E949).....	-	327	47.8	4.5	5	263	79.2	6.0	-	64	18.2	2.2
NUTRITIONAL DEFICIENCIES (260-269).....	-	239	34.9	3.3	-	132	39.8	3.0	5	107	30.4	3.7

Table II-7f  
FIVE LEADING CAUSES OF DEATH (ICD-9th REVISION) WITH RATES PER 100,000 POPULATION,  
AGES 45-64, BY SEX AND COUNTRY

AREA AND PRINCIPAL CAUSES	TOTAL				MALE				FEMALE			
	RANK ORDER	NUMBER	RATE	PER CENT	RANK ORDER	NUMBER	RATE	PER CENT	RANK ORDER	NUMBER	RATE	PER CENT
1979												
HONDURAS												
TOTAL DEATHS .....	-	2455	703.4	100.0	-	1380	793.1	100.0	-	1075	614.3	100.0
DISEASES OF THE HEART (390-429).....	1	403	115.5	16.4	2	226	129.9	16.4	1	177	101.1	16.5
ALL ACCIDENTS AND VIOLENCE (E800-E999)...	2	284	81.4	11.6	1	248	142.5	18.0	4	36	20.6	3.3
MALIGNANT NEOPLASMS (140-208).....	3	204	58.2	8.3	3	69	39.7	5.0	2	134	76.6	12.5
INTESTINAL INFECTIONS DUE TO SPECIFIED ORGANISMS AND ILL-DEFINED (007-009).....	4	104	29.8	4.2	4	53	30.5	3.8	3	51	29.1	4.7
MENTAL DISORDERS (290-319).....	5	58	16.6	2.4	5	52	29.9	3.8	-	6	3.4	0.6
INFLUENZA AND PNEUMONIA (480-487).....	-	50	14.3	2.0	-	26	14.9	1.9	5	24	13.7	2.2
1980												
PANAMA												
TOTAL DEATHS .....	-	1484	693.5	100.0	-	912	800.0	100.0	-	572	572.0	100.0
MALIGNANT NEOPLASMS (140-208).....	1	359	167.8	24.2	2	186	163.2	20.4	1	173	173.0	30.2
DISEASES OF THE HEART (390-429).....	2	277	129.4	18.7	1	193	169.3	21.2	2	84	84.0	14.7
CEREBROVASCULAR DISEASE (430-438).....	3	141	65.9	9.5	4	76	66.7	8.3	3	65	65.0	11.4
ACCIDENTS (E800-E949).....	4	103	48.1	6.9	3	81	71.1	8.9	5	22	22.0	3.8
DIABETES MELLITUS (250).....	5	59	23.4	3.4	-	21	18.4	2.3	4	29	29.0	5.1
TUBERCULOSIS (010-018).....	-	49	22.9	3.3	5	33	28.9	3.6	-	16	16.0	2.8
1980												
PARAGUAY (AREA OF INFORMATION)												
TOTAL DEATHS .....	-	2013	1053.9	100.0	-	1151	1237.6	100.0	-	862	879.6	100.0
DISEASES OF THE HEART (390-429).....	1	389	203.7	19.3	1	242	260.2	21.0	2	147	150.0	17.1
MALIGNANT NEOPLASMS (140-208).....	2	329	172.3	16.3	3	135	145.2	11.7	1	194	198.0	22.5
CEREBROVASCULAR DISEASE (430-438).....	3	260	136.1	12.9	2	154	165.6	13.4	3	106	108.2	12.3
ACCIDENTS (E800-E949).....	4	87	45.5	4.3	4	67	72.0	5.8	-	20	20.4	2.3
TUBERCULOSIS (010-018).....	5	77	40.3	3.8	5	45	48.4	3.9	5	32	32.7	3.7
DIABETES MELLITUS (250).....	-	75	39.3	3.7	-	34	36.6	3.0	4	41	41.8	4.8
1980												
PUERTO RICO												
TOTAL DEATHS .....	-	4139	814.8	100.0	-	2676	1079.0	100.0	-	1463	562.7	100.0
DISEASES OF THE HEART (390-429).....	1	1118	220.1	27.0	1	737	297.2	27.5	2	381	146.5	26.0
MALIGNANT NEOPLASMS (140-208).....	2	946	186.2	22.9	2	549	221.4	20.5	1	397	152.7	27.1
CHRONIC LIVER DISEASE AND CIRRHOSIS (571).....	3	404	79.5	9.8	3	323	130.2	12.1	4	81	31.2	5.5
DIABETES MELLITUS (250).....	4	208	40.9	5.0	5	109	44.0	4.1	3	99	38.1	6.8
ACCIDENTS (E800-E949).....	5	195	38.4	4.7	4	161	64.9	6.0	-	34	13.1	2.3
CEREBROVASCULAR DISEASE (430-438).....	-	156	30.7	3.8	-	83	33.5	3.1	5	73	28.1	5.0
1980												
ST. KITTS AND NEVIS												
TOTAL DEATHS .....	-	92	1164.6	100.0	-	57	1583.3	100.0	-	35	814.0	100.0
1979												
SURINAME												
TOTAL DEATHS .....	-	393	982.5	100.0	-	242	1210.0	100.0	-	151	755.0	100.0
DISEASES OF THE HEART (390-429).....	1	87	217.5	22.1	1	55	275.0	22.7	1	32	160.0	21.2
MALIGNANT NEOPLASMS (140-208).....	2	56	140.0	14.2	3	26	130.0	10.7	2	30	150.0	19.9
CEREBROVASCULAR DISEASE (430-438).....	3	54	135.0	13.7	2	32	160.0	13.2	3	22	110.0	14.6
ACCIDENTS (E800-E949).....	4	24	60.0	6.1	4	23	115.0	9.5	-	1	5.0	0.7
CHRONIC LIVER DISEASE AND CIRRHOSIS (571).....	5	17	42.5	4.3	5	11	55.0	4.5	5	6	30.0	4.0
DIABETES MELLITUS (250).....	-	16	40.0	4.1	-	5	25.0	2.1	4	11	55.0	7.3



Table II-7g  
FIVE LEADING CAUSES OF DEATH (ICD-9th REVISION) WITH RATES PER 100,000 POPULATION,  
AGE 65 AND OVER, BY SEX AND COUNTRY

AREA AND PRINCIPAL CAUSES	-----TOTAL-----				-----MALE-----				-----FEMALE-----			
	RANK ORDER	NUMBER	RATE	PER CENT	RANK ORDER	NUMBER	RATE	PER CENT	RANK ORDER	NUMBER	RATE	PER CENT
1980												
BARBADOS												
TOTAL DEATHS .....	-	1396	5915.3	100.0	-	590	6413.0	100.0	-	806	5597.2	100.0
CEREBROVASCULAR DISEASE (430-438).....	1	235	995.8	16.8	1	98	1065.2	16.6	1	137	951.4	17.0
DISEASES OF THE HEART (390-429).....	2	202	855.9	14.5	2	95	1032.6	16.1	2	107	743.1	13.3
DIABETES MELLITUS (250).....	3	105	444.9	7.5	3	21	228.3	3.6	3	84	583.3	10.4
HERNIA OF ABDOMINAL CAVITY & INTESTINAL OBSTRUCTION (550-553,560).....	4	16	67.8	1.1	4	7	76.1	1.2	5	9	62.5	1.1
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589).....	5	16	67.8	1.1	-	5	54.3	0.8	4	11	76.4	1.4
BRONCHITIS, EMPHYSEMA, AND ASTHMA (490-493).....	-	11	46.6	0.8	4	7	76.1	1.2	-	4	27.8	0.5
1980												
CHILE												
TOTAL DEATHS .....	-	36654	6039.8	100.0	-	18031	7073.3	100.0	-	18623	5291.2	100.0
CEREBROVASCULAR DISEASE (430-438).....	1	4861	801.0	13.3	1	2185	857.1	12.1	1	2676	760.3	14.4
DISEASES OF THE HEART (390-429).....	2	2053	338.3	5.6	2	950	372.7	5.3	2	1103	313.4	5.9
DIABETES MELLITUS (250).....	3	891	146.8	2.4	4	397	155.7	2.2	3	494	140.4	2.7
CHRONIC LIVER DISEASE AND CIRRHOSIS (571).....	4	733	120.8	2.0	3	468	183.6	2.6	4	265	75.3	1.4
BRONCHITIS, EMPHYSEMA, AND ASTHMA (490-493).....	5	639	105.3	1.7	5	383	150.2	2.1	5	256	72.7	1.4
1980												
FALKLAND ISLANDS												
TOTAL DEATHS .....	-	4	2352.9	100.0	-	2	2222.2	100.0	-	2	2500.0	100.0
1979												
FRENCH GUIANA												
TOTAL DEATHS .....	-	249	7781.3	100.0	-	152	10133.3	100.0	-	97	5705.9	100.0
CEREBROVASCULAR DISEASE (430-438).....	1	20	625.0	8.0	1	12	800.0	7.9	1	8	470.6	8.2
DIABETES MELLITUS (250).....	2	5	156.3	2.0	2	1	66.7	0.7	2	4	235.3	4.1
BRONCHITIS, EMPHYSEMA, AND ASTHMA (490-493).....	3	1	31.3	0.4	2	1	66.7	0.7	-	0	0.0	0.0
SUICIDE (E950-E959).....	4	1	31.3	0.4	2	1	66.7	0.7	-	0	0.0	0.0
1980												
GUATEMALA												
TOTAL DEATHS .....	-	10308	3707.9	100.0	-	5326	3887.6	100.0	-	4982	3533.3	100.0
INTESTINAL INFECTIONS DUE TO SPECIFIED ORGANISMS AND ILL-DEFINED (007-009).....	1	1026	369.1	10.0	1	495	361.3	9.3	1	531	376.6	10.7
DISEASES OF THE HEART (390-429).....	2	947	340.6	9.2	2	488	356.2	9.2	2	459	325.5	9.2
CEREBROVASCULAR DISEASE (430-438).....	3	369	132.7	3.6	3	188	137.2	3.5	3	181	128.4	3.6
INFLUENZA AND PNEUMONIA (480-487).....	4	328	118.0	3.2	4	153	111.7	2.9	4	175	124.1	3.5
ANEMIAS (280-285).....	5	211	75.9	2.0	5	112	81.8	2.1	-	99	70.2	2.0
DIABETES MELLITUS (250).....	-	189	68.0	1.8	-	78	56.9	1.5	5	111	78.7	2.2
1979												
HONDURAS												
TOTAL DEATHS .....	-	3821	3939.2	100.0	-	1956	4252.2	100.0	-	1865	3656.9	100.0
DISEASES OF THE HEART (390-429).....	1	531	547.4	13.9	1	272	591.3	13.9	1	259	507.8	13.9
INTESTINAL INFECTIONS DUE TO SPECIFIED ORGANISMS AND ILL-DEFINED (007-009).....	2	167	172.2	4.4	3	72	156.5	3.7	2	95	186.3	5.1
BRONCHITIS, EMPHYSEMA, AND ASTHMA (490-493).....	3	122	125.8	3.2	4	69	150.0	3.5	3	53	103.9	2.8
ALL ACCIDENTS AND VIOLENCE (E800-E999).....	4	111	114.4	2.9	2	82	178.3	4.2	5	29	56.9	1.6
ANEMIAS (280-285).....	5	93	95.9	2.4	5	47	102.2	2.4	4	46	90.2	2.5
1980												
PANAMA												
TOTAL DEATHS .....	-	3244	4701.4	100.0	-	1802	5300.0	100.0	-	1442	4120.0	100.0
CEREBROVASCULAR DISEASE (430-438).....	1	368	533.3	11.3	1	205	602.9	11.4	1	163	465.7	11.3
DISEASES OF THE HEART (390-429).....	2	141	204.3	4.3	2	74	217.6	4.1	2	67	191.4	4.6
DIABETES MELLITUS (250).....	3	95	137.7	2.9	3	41	120.6	2.3	3	54	154.3	3.7
BRONCHITIS, EMPHYSEMA, AND ASTHMA (490-493).....	4	64	92.8	2.0	4	39	114.7	2.2	4	25	71.4	1.7
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589).....	5	53	76.8	1.6	5	33	97.1	1.8	5	20	57.1	1.4

Table II-7g  
 FIVE LEADING CAUSES OF DEATH (ICD-9th REVISION) WITH RATES PER 100,000 POPULATION,  
 AGE 65 AND OVER, BY SEX AND COUNTRY

AREA AND PRINCIPAL CAUSES	TOTAL			MALE			FEMALE					
	RANK ORDER	NUMBER	RATE	PER CENT	RANK ORDER	NUMBER	RATE	PER CENT	RANK ORDER	NUMBER	RATE	PER CENT
1980												
PARAGUAY (AREA OF INFORMATION)												
TOTAL DEATHS .....	-	5122	7016.4	100.0	-	2421	7336.4	100.0	-	2701	6752.5	100.0
CEREBROVASCULAR DISEASE (430-438).....	1	735	1006.8	14.3	1	365	1106.1	15.1	2	370	925.0	13.7
DISEASES OF THE HEART (390-429).....	2	717	982.2	14.0	2	337	1021.2	13.9	1	380	950.0	14.1
DIABETES MELLITUS (250).....	3	150	205.5	2.9	5	46	139.4	1.9	3	104	260.0	3.9
INTESTINAL INFECTIONS DUE TO SPECIFIED ORGANISMS AND ILL-DEFINED (007-009).....	4	122	167.1	2.4	4	57	172.7	2.4	4	65	162.5	2.4
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589).....	5	85	116.4	1.7	3	60	181.8	2.5	-	25	62.5	0.9
INFLUENZA AND PNEUMONIA (480-487).....	-	52	71.2	1.0	-	18	54.5	0.7	5	34	85.0	1.3
1980												
PUERTO RICO												
TOTAL DEATHS .....	-	12245	5080.9	100.0	-	6466	5622.6	100.0	-	5779	4586.5	100.0
DISEASES OF THE HEART (390-429).....	1	1384	574.3	11.3	1	661	574.8	10.2	1	723	573.8	12.5
CEREBROVASCULAR DISEASE (430-438).....	2	1063	441.1	8.7	2	515	447.8	8.0	2	548	434.9	9.5
DIABETES MELLITUS (250).....	3	669	277.6	5.5	3	243	211.3	3.8	3	426	338.1	7.4
CHRONIC LIVER DISEASE AND CIRRHOSIS (571).....	4	280	116.2	2.3	4	218	189.6	3.4	-	62	49.2	1.1
BRONCHITIS, EMPHYSEMA, AND ASTHMA (490-493).....	5	215	89.2	1.8	5	112	97.4	1.7	4	103	81.7	1.8
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589).....	-	139	57.7	1.1	-	73	63.5	1.1	5	66	52.4	1.1
1980												
ST. KITTS AND NEVIS												
TOTAL DEATHS .....	-	287	7972.2	100.0	-	121	9307.7	100.0	-	166	7217.4	100.0
CEREBROVASCULAR DISEASE (430-438).....	1	63	1750.0	22.0	1	19	1461.5	15.7	1	44	1913.0	26.5
DISEASES OF THE HEART (390-429).....	2	37	1027.8	12.9	2	18	1384.6	14.9	2	19	826.1	11.4
DIABETES MELLITUS (250).....	3	13	361.1	4.5	3	4	307.7	3.3	3	9	391.3	5.4
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589).....	4	4	111.1	1.4	4	3	230.8	2.5	4	1	43.5	0.6
INTESTINAL INFECTIONS DUE TO SPECIFIED ORGANISMS AND ILL-DEFINED (007-009).....	5	2	55.6	0.7	-	1	76.9	0.8	4	1	43.5	0.6
CHRONIC LIVER DISEASE AND CIRRHOSIS (571).....	-	2	55.6	0.7	5	2	153.8	1.7	-	0	0.0	0.0
MENINGITIS (320-322).....	-	1	27.8	0.3	-	0	0.0	0.0	4	1	43.5	0.6
1979												
SURINAME												
TOTAL DEATHS .....	-	907	6478.6	100.0	-	455	6500.0	100.0	-	452	6457.1	100.0
DISEASES OF THE HEART (390-429).....	1	150	1071.4	16.5	1	80	1142.9	17.6	1	70	1000.0	15.5
CEREBROVASCULAR DISEASE (430-438).....	2	109	778.6	12.0	2	50	714.3	11.0	2	59	842.9	13.1
BRONCHITIS, EMPHYSEMA, AND ASTHMA (490-493).....	3	32	228.6	3.5	3	22	314.3	4.8	4	10	142.9	2.2
DIABETES MELLITUS (250).....	4	19	135.7	2.1	-	4	57.1	0.9	3	15	214.3	3.3
INTESTINAL INFECTIONS DUE TO SPECIFIED ORGANISMS AND ILL-DEFINED (007-009).....	5	15	107.1	1.7	-	5	71.4	1.1	4	10	142.9	2.2
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589).....	-	12	85.7	1.3	4	8	114.3	1.8	-	4	57.1	0.9
HYPERPLASIA OF THE PROSTATE (600).....	-	7	50.0	0.8	5	7	100.0	1.5	-	0	0.0	0.0

Table II-8  
NUMBER OF LIVE BIRTHS WITH RATES PER 1,000 POPULATION, BY COUNTRY,  
1960 AND 1970-1974

AREA	LIVE BIRTHS						RATES					
	1960	1970	1971	1972	1973	1974	1960	1970	1971	1972	1973	1974
ANTIGUA .....	1078	1540	1700	1573	1257	1274	33.9	23.3	25.4	23.1	18.2	18.2
ARGENTINA .....	473038	544521	564787	559398	561500	560445	23.0	22.9	23.5	22.9	22.7	22.4
BAHAMAS .....	3359	4262	4462	4691	4419	4382	29.7	25.2	25.2	25.6	23.3	22.2
BARBADOS .....	7833	4883	5177	5303	5045	4851	33.6	20.6	21.7	22.1	20.8	19.9
BELIZE .....	4691	4455	5052	4954	5104	...	45.0	37.1	40.7	38.8	38.7	...
BERMUDA .....	1208	1062	1119	1033	919	894	27.5	20.6	21.4	19.5	16.7	16.1
BOLIVIA .....	...	...	...	...	...	...	...	...	...	...	...	...
BRAZIL .....	...	...	...	...	...	...	...	...	...	...	...	...
CANADA .....	478551	371988	362187	347319	343373	345645	26.7	17.4	16.8	15.9	15.6	15.4
CAYMAN ISLANDS .....	264	313	287	351	319	281	31.0	28.5	26.1	31.9	29.0	25.5
CHILE .....	282681	261609	273518	277891	276650	267977	37.1	27.9	28.7	28.6	28.1	26.7
COLOMBIA .....	598530	676887	797160	745462	742500	739440	38.8	33.0	37.8	34.4	33.2	32.2
COSTA RICA .....	58785	57757	56338	57438	53455	56769	46.9	33.4	31.3	31.2	28.5	29.5
CUBA .....	214900	237019	256014	247997	226005	203066	30.6	27.7	29.5	28.0	25.0	22.1
DOMINICA .....	2815	2503	2673	2591	2589	...	47.1	35.3	37.3	35.5	35.5	...
DOMINICAN REPUBLIC .....	110102	163045	162215	177163	207387	166244	36.2	40.1	38.8	41.2	46.8	36.4
ECUADOR .....	206178	230184	243506	242958	244294	244530	47.3	38.6	39.5	38.1	37.0	35.8
EL SALVADOR .....	121403	141471	154309	153464	155632	158524	49.5	40.0	42.3	41.8	41.3	40.8
FALKLAND ISLANDS .....	54	34	38	39	39	24	27.0	17.0	19.0	19.5	19.5	12.0
FRENCH GUIANA .....	1026	1584	1606	1670	1473	...	31.1	31.1	30.9	30.9	26.3	...
GRENADA .....	4016	2741	2879	2939	2933	2734	44.6	29.2	30.6	30.9	26.7	27.3
GUADELOUPE .....	10479	9397	10073	9915	9398	8848	38.4	28.7	31.5	31.0	28.5	26.8
GUATEMALA .....	186476	212151	229674	241593	238498	253055	48.9	40.3	42.4	43.3	41.6	41.8
GYANA .....	23718	23703	22933	25065	...	...	42.0	33.4	31.6	33.8	...	...
HAITI .....	...	...	...	...	...	...	...	...	...	...	...	...
HONDURAS .....	82167	107121	117430	122267	121246	120166	44.4	40.6	43.2	43.5	41.8	42.2
JAMAICA .....	68413	64375	66277	66219	61857	61506	42.0	34.4	34.9	34.3	31.4	30.6
MARTINIQUE .....	10661	9275	9214	8657	7683	...	37.4	29.0	27.0	26.2	23.3	...
MEXICO .....	1608174	2132630	2231399	2346002	2602349	2607452	46.0	42.1	42.5	43.2	46.3	44.9
MONTSERAT .....	359	302	269	318	295	304	29.5	26.9	23.3	26.7	25.1	24.9
NETHERLANDS ANTILLES .....	6628	4748	5175	4941	4405	...	34.5	21.4	22.7	21.5	18.8	...
NICARAGUA .....	63650	84054	78297	...	79380	84906	45.3	45.9	41.5	...	39.4	40.7
PANAMA .....	42359	53287	54948	54910	52091	52772	39.9	37.1	37.2	36.0	33.8	33.4
PARAGUAY <sup>A)</sup> .....	27510	31300	31899	32008	30006	29889	30.6	25.5	24.7	24.5	22.3	21.3
PERU .....	376356	479519	453590	401418	506185	428477	37.6	35.7	35.7	28.2	34.6	28.5
PUERTO RICO .....	76314	67438	71117	68914	68821	70082	32.3	24.8	25.6	24.0	23.3	23.1
ST. KITTS-NEVIS AND ANGUILLA <sup>B)</sup> .....	2426	1156	1107	1236	1186	1143	42.8	25.1	23.6	25.8	24.5	24.1
ST. LUCIA .....	4240	4936	4208	4300	4266	3909	49.2	48.9	40.9	41.3	40.8	36.5
ST. PIERRE AND MIQUELON .....	110	150	...	...	...	97	22.0	30.0	...	...	...	19.4
ST. VINCENT .....	3965	3327	3714	3735	3243	3373	49.8	37.8	41.7	37.1	32.4	36.7
SURINAME .....	11702	12710	13754	14603	...	...	40.4	34.3	37.2	39.5	...	...
TRINIDAD AND TOBAGO .....	32858	25151	26116	28049	26231	26138	39.5	24.5	25.3	26.8	24.8	24.5
TURKS AND CAICOS ISLANDS .....	252	176	190	...	186	...	44.5	29.3	31.7	...	31.0	...
UNITED STATES .....	4257850	3731386	3555970	3258411	3136965	3159958	23.7	18.3	17.2	15.6	14.8	14.8
URUGUAY .....	60611	64674	65953	61689	63435	64914	23.9	23.5	22.6	22.2	22.7	23.2
VENEZUELA .....	338199	392583	405964	406120	405455	434026	45.9	38.2	38.3	37.1	35.9	37.3
VIRGIN ISLANDS (UK) .....	279	313	301	304	245	245	35.2	31.3	30.1	30.4	22.3	22.3
VIRGIN ISLANDS (US) .....	1180	2420	2409	2881	2667	2584	36.8	40.3	46.2	45.0	41.0	39.8
NORTHERN AMERICA .....	4737719	4104586	3919276	3636763	3481257	3506594	23.9	18.2	17.2	15.6	14.9	14.9
MIDDLE AMERICA .....	2730546	3402746	3563454	3622675	3948212	3900608	43.1	39.0	39.6	39.9	41.3	39.9
SOUTH AMERICA .....	2355603	2715307	2914708	2768321	2831537	2769726	34.4	30.7	32.1	29.9	30.2	28.9

<sup>A)</sup> AREA OF INFORMATION.

<sup>B)</sup> DATA FOR 1970 THROUGH 1980 EXCLUDE ANGUILLA.

Table II-8  
NUMBER OF LIVE BIRTHS WITH RATES PER 1,000 POPULATION, BY COUNTRY,  
1975 AND 1976-1980

AREA	LIVE BIRTHS						RATES					
	1975	1976	1977	1978	1979	1980	1975	1976	1977	1978	1979	1980
ANTIGUA .....	1362	1522	1429	1342	...	1238*	15.5	21.4	19.8	18.1	...	16.5
ARGENTINA .....	...	656768	661222	665000*	...	...	...	25.5	25.4	25.2	...	...
BAHAMAS .....	4033	5295	4871	...	5402	5913	19.8	25.1	22.1	...	24.1	24.9
BARBADOS .....	4683	4504	4482	4327	4289	4212	19.1	18.2	17.6	16.3	17.1	16.6
BELIZE .....	5201	...	...	...	...	...	37.2	...	...	...	...	...
BERMUDA .....	837	856	809	745	...	...	14.9	15.0	14.2	12.8	...	...
BOLIVIA .....	...	...	...	...	...	...	...	...	...	...	...	...
BRAZIL .....	...	...	...	...	...	...	...	...	...	...	...	...
CANADA .....	358621	355987	361400*	358852	366064	...	15.8	15.6	15.5	15.3	15.5	...
CAYMAN ISLANDS .....	327	282	268	265	286	...	29.7	25.6	24.4	22.1	17.3	...
CHILE .....	256543	247722	240463	236780	241077	253000	25.2	23.9	22.8	22.1	22.1	22.8
COLOMBIA .....	735673	731163	806492*	...	...	...	31.1	30.0	32.2	...	...	...
COSTA RICA .....	59338	59746	64188	67659	69248	...	30.2	29.7	31.0	31.9	31.9	...
CUBA .....	192941	187555	168960*	146642*	142396*	...	20.7	19.8	17.6	15.1	14.6	...
DOMINICA .....	1783	1758	1745	1735	...	...	23.8	23.1	21.8	21.3	...	...
DOMINICAN REPUBLIC .....	161618	167989	187861	185861	186896	...	34.4	34.7	37.7	36.3	35.4	...
ECUADOR .....	221209	274961*	275692	230259	...	...	31.3	37.6	36.5	29.1	...	...
EL SALVADOR .....	159731	165822	177560*	172897	174183	...	39.9	40.2	41.7	39.7	39.2	...
FALKLAND ISLANDS .....	32	36	35	26	14	32*	16.0	18.0	17.5	13.0	07.0	16.0
FRENCH GUIANA .....	...	...	1463	1500*	1600*	1933*	...	...	22.9	25.0	26.7	32.2
GRENADA .....	2890	2712	2628	2521	2664*	2571	26.3	24.7	23.6	22.9	24.2	26.2
GUADELOUPE .....	...	6926	6320	5645	8257	6425*	...	21.0	19.8	17.6	25.9	19.2
GUATEMALA .....	249478	266497	284747*	283853	296348	286753	40.0	41.4	42.9	41.5	42.1	39.5
GUYANA .....	...	20861	23000	23200*	...	...	...	26.4	28.4	28.3	...	...
HAITI .....	...	...	...	...	...	...	...	...	...	...	...	...
HONDURAS .....	129559	132793	145637	145711	157481	...	41.9	41.5	43.9	42.4	44.2	...
JAMAICA .....	61462	61675*	60423*	58189*	58257*	...	30.1	29.8	28.8	27.4	26.9	...
MARTINIQUE .....	7317	...	5409	5022	...	7392*	22.9	...	16.9	15.2	...	22.6
MEXICO .....	2254497	2156430	2278233	2277708*	...	...	37.5	34.6	35.3	34.0	...	...
MUNTSERRAT .....	213	206	...	192	238	224	17.5	16.9	...	17.5	21.6	18.7
NETHERLANDS ANTILLES .....	...	...	...	...	...	...	...	...	...	...	...	...
NICARAGUA .....	92091	92505	98370	96619	114065*	120560*	42.7	41.4	42.5	40.1	43.1	44.6
PANAMA .....	53790	55263	52722	53040	52648*	52046*	33.2	33.3	31.0	30.3	29.4	28.3
PARAGUAY <sup>A)</sup> .....	28423	29501	31850	33000*	...	35000*	19.6	19.6	20.3	20.0	...	19.9
PERU .....	424351	442909*	436101*	450000*	...	...	27.4	27.8	26.7	26.8	...	...
PUERTO RICO .....	69691	72883	75151	75498	73585	73060	22.3	22.7	22.6	22.5	21.6	21.3
ST. KITTS-NEVIS AND ANGUILLA <sup>B)</sup> .....	1099	1135	1210	1059	1211	1170	23.7	24.1	25.5	21.9	24.9	23.9
ST. LUCIA .....	4125	4095	4116	4140	3732	...	38.2	37.2	34.3	34.5	31.6	...
ST. PIERRE AND MIQUELON .....	99	107	106	...	...	...	19.8	21.4	17.7	...	...	...
ST. VINCENT .....	...	...	3152	3204	3510	...	...	...	33.2	33.4	31.0	...
SURINAME .....	10031	...	11099	10673	10585	9844*	27.9	...	30.0	28.5	27.8	25.2
TRINIDAD AND TOBAGO .....	25673	27149	27094	29111	...	...	23.7	24.7	24.2	25.7	...	...
TURKS AND CAICOS ISLANDS .....	159	...	...	210	289	...	26.5	...	...	35.0	48.2	...
UNITED STATES .....	3144198	3167788	3328632	3333279	3494398	3598000*	14.6	14.6	15.1	15.0	15.6	15.8
URUGUAY .....	59140	66612	57976	65607	...	53986*	21.0	23.5	20.4	22.9	...	18.6
VENEZUELA .....	446530	455036	465194	481782	484700*	491643	37.2	36.8	36.5	36.7	35.9	35.3
VIRGIN ISLANDS (UK) .....	225	225*	210	196	...	258	20.5	18.8	17.5	16.3	...	15.8
VIRGIN ISLANDS (US) .....	2561	2530	2513	2579	...	2548	27.8	26.6	25.3	24.8	...	26.8
NORTHERN AMERICA.....	3503755	3528738	3688947	3692876	3860462	3598000	14.7	14.7	15.2	15.0	15.6	15.8
MIDDLE AMERICA.....	3545847	3477497	3659299	3625225	1354991	564370	35.1	33.4	34.0	32.7	31.2	33.7
SOUTH AMERICA.....	2181932	2925569	3010587	2197827	737976	845438	29.5	28.9	29.0	27.2	29.7	28.1

\* PROVISIONAL DATA  
+ PAHO ESTIMATE

A) AREA OF INFORMATION.

B) DATA FOR 1970 THROUGH 1980 EXCLUDE ANGUILLA.

Table II-9a  
 REPORTED CASES OF DIPHTHERIA WITH RATES PER 100,000 POPULATION,  
 BY COUNTRY, 1977-1980

Country	NUMBER				RATE			
	1977	1978	1979	1980	1977	1978	1979	1980
Antigua	-	-	-	-	-	-	-	-
Argentina	266	267	127	86	1.0	1.0	0.5	0.3
Bahamas	-	-	-	-	-	-	-	-
Barbados	28	20	13	11	11.0	7.5	5.2	4.3
Belize	-	8	-	...	-	5.2	-	...
Bermuda	-	-	-	1	-	-	-	1.7
Bolivia	136	45	45	31	2.6	0.9	0.8	0.6
Brazil	4 927	4 832	4 454	4 515	4.4	4.2	3.8	3.7
Canada	124	119	83	63	0.5	0.5	0.4	0.3
Cayman Islands	...	-	-	-	...	-	-	-
Chile	554	536	344	253	5.3	5.0	3.2	2.3
Colombia	244	175	171	263	1.0	0.7	0.6	1.0
Costa Rica	-	-	-	-	-	-	-	-
Cuba	1	1	1	-	0.0	0.0	0.0	-
Dominica	-	-	-	-	-	-	-	-
Dominican Republic	389	334	198	187	7.8	6.5	3.8	3.4
Ecuador	29	22	24	16	0.4	0.3	0.3	0.2
El Salvador	-	1	-	2	-	0.0	-	0.0
Falkland Islands	-	...	-	-	-	...	-	-
French Guiana	-	-	-	...	-	-	-	...
Grenada	-	-	-	1	-	-	-	1.0
Guadeloupe	-	-	2	1	-	-	0.6	0.3
Guatemala	3	5	4	9	0.0	0.1	0.1	0.1
Guyana	1	1	5	1	0.1	0.1	0.6	0.1
Haiti	12	8	7	23	0.3	0.2	0.1	0.5
Honduras	-	1	2	2	-	0.0	0.1	0.1
Jamaica	36	20	9	11	1.7	0.9	0.4	0.5
Martinique	-	3	1	-	-	0.9	0.3	-
Mexico	20	16	9	7	0.0	0.0	0.0	0.0
Nicaragua	2	-	11	5	0.1	-	0.4	0.2
Panama	-	-	-	-	-	-	-	-
Paraguay (a)	19	4	7	14	1.2	0.2	0.4	0.8
Peru (a)	180	134	119	185	1.7	1.2	1.1	1.6
Puerto Rico	1	-	-	-	0.0	-	-	-
St. Kitts-Nevis and Anguilla (b)	-	-	-	-	-	-	-	-
Saint Lucia	6	1	1	-	5.0	0.8	0.8	-
St. Vincent	...	-	-	-	...	-	-	-
Suriname	-	3	1	-	-	0.8	0.3	-
Trinidad and Tobago	-	-	1	-	-	-	0.1	-
Turks and Caicos Islands	-	-	-	-	-	-	-	-
United States	84	76	59	3	0.0	0.0	0.0	0.0
Uruguay	-	-	-	-	-	-	-	-
Venezuela (a)	54	27	3	12	0.5	0.3	0.0	0.1
Virgin Islands (UK)	-	-	-	-	-	-	-	-
Virgin Islands (US)	-	-	-	-	-	-	-	-
Northern America	208	195	142	67	0.1	0.1	0.1	0.0
Middle America	498	418	259	259	0.4	0.4	0.2	0.2
Caribbean	473	387	233	234	1.7	1.4	0.8	0.8
Continental	25	31	26	25	0.0	0.0	0.0	0.0
South America	6 410	6 046	5 300	5 376	3.0	2.8	2.4	2.3
Tropical	5 590	5 243	4 829	5 037	3.2	2.9	2.6	2.7
Temperate	820	803	471	339	2.1	2.0	1.2	0.8

(a) Reporting area. (b) Excludes Anguilla.

Table II-9b  
 REPORTED CASES OF GONOCOCCAL INFECTIONS WITH RATES PER 100,000 POPULATION,  
 BY COUNTRY, 1977-1980

Country	NUMBER				RATE			
	1977	1978	1979	1980	1977	1978	1979	1980
Antigua	137	185	91	72	190.3	250.0	121.3	96.0
Argentina	15 511	15 883	14 179	...	59.5	60.2	53.0	...
Bahamas	1 193	1 494	1 275	1 292	542.3	664.0	569.2	545.1
Belize	89	101	140	121	59.7	66.0	88.6	74.7
Bermuda	582	587	741	600	1 021.1	1 012.1	1 255.9	1 000.0
Bolivia	2 395	2 262	2 854	1 846	46.5	42.8	52.6	33.0
Canada	51 233	48 751	50 056	52 958	220.3	207.5	211.3	221.2
Cayman Islands	...	-	192	246	...	-	1 151.3	1 447.1
Chile	9 936	11 068	10 739	12 468	94.2	103.2	98.4	112.3
Colombia	48 849	42 889	32 392	37 636	195.0	167.2	122.9	138.9
Costa Rica	10 178	6 370	8 687	...	491.7	300.5	400.3	...
Cuba	8 239	10 211	13 766	16 527	85.9	105.4	140.8	168.1
Dominica	52	31	8	7	65.0	38.1	10.1	8.8
Dominican Republic	23 130	18 540	17 413	12 206	464.6	361.8	330.1	224.7
Ecuador	4 492	3 489	3 629	3 451	59.4	44.2	44.9	41.3
El Salvador	5 618	6 354	5 537	6 034	131.9	146.0	124.7	125.4
Falkland Islands	-	...	-	5	-	...	-	250.0
French Guiana	579	967	734	774	904.7	1 611.7	1 223.3	1 290.0
Grenada	-	-	242	343	-	-	220.0	350.0
Guadeloupe	7	3	1	1	2.2	0.9	0.3	0.3
Guatemala	2 647	2 867	3 111	1 997	39.9	41.9	44.2	27.5
Guyana	3	...	1	...	0.4	...	0.1	...
Haiti	1 690	500	161	-	35.6	10.3	3.3	-
Honduras	5 940	5 996	5 096	5 652	178.9	174.4	143.0	153.1
Jamaica	...	-	...	...	...	-	...	...
Martinique	360	18	33	89	112.5	5.5	10.5	27.2
Mexico	20 840	20 487	33 287	19 816	32.3	30.6	48.0	27.6
Montserrat	...	230	147	108	...	2 090.9	1 336.4	900.0
Nicaragua	3 583	3 123	1 269	2 109	155.0	129.6	48.0	78.0
Panama	3 682	3 643	4 132	...	216.6	208.2	230.8	...
Paraguay (a)	741	635	984	943	47.2	38.4	57.9	53.7
Peru (a)	3 912	4 629	4 563	4 119	37.6	42.1	40.3	35.4
Puerto Rico	3 176	2 183	2 151	2 796	95.7	65.0	63.1	81.3
St. Kitts-Nevis and Anguilla (b)	237	117	128	133	498.9	241.7	262.8	271.4
Saint Lucia	221	627	312	322	184.2	522.5	264.4	268.3
St. Vincent	...	75	396	319	...	78.1	349.2	261.5
Trinidad and Tobago	5 441	3 737	3 644	...	486.4	329.8	323.3	...
Turks and Caicos Islands	106	100	44	142	1 766.7	1 666.7	733.3	2 028.6
United States	1 002 219	1 013 436	1 004 058	1 004 029	456.1	456.3	447.1	442.0
Uruguay	2 062	1 619	2 164	...	72.5	56.5	75.2	...
Venezuela (a)	29 746	26 597	...	...	293.7	259.8	...	...
Virgin Islands (UK)	82	76	55	15	683.3	633.3	423.1	115.4
Virgin Islands (US)	225	216	156	124	226.1	207.7	148.6	130.5
Northern America	1 054 034	1 062 774	1 054 855	1 057 587	433.6	432.6	424.8	421.1
Middle America	96 873	87 284	101 474	70 471	87.9	75.4	86.5	60.8
Caribbean	44 296	38 343	40 215	34 742	176.0	137.9	154.3	137.3
Continental	52 577	48 941	61 259	35 729	61.8	55.6	67.2	39.5
South America	118 226	110 038	72 239	61 242	118.0	108.1	76.6	93.4
Tropical	90 717	81 468	45 157	48 769	149.4	131.9	83.9	89.5
Temperate	27 509	28 570	27 082	12 473	69.7	71.4	66.8	112.3

(a) Reporting Area. (b) Excludes Anguilla.

Table II-9c  
 REPORTED CASES OF INFECTIOUS HEPATITIS WITH RATES PER 100,000 POPULATION,  
 BY COUNTRY, 1977-1980

Country	NUMBER				RATE			
	1977	1978	1979	1980	1977	1978	1979	1980
Antigua	64	15	3	3	88.9	20.3	4.0	4.0
Argentina	14 070	18 658	12 873	19 543	54.0	70.7	48.2	72.2
Bahamas	20	26	16	24	9.1	11.6	7.1	10.1
Barbados	22	23	12	18	8.6	8.7	4.8	7.1
Belize	34	37	37	25	22.8	24.2	23.4	15.4
Bermuda	9	16	18	21	15.8	27.6	30.5	35.0
Bolivia	1 547	1 224	1 079	1 057	30.0	23.2	19.9	18.9
Canada	4 215	2 734	1 610	1 343	18.1	11.6	6.8	5.6
Cayman Islands	...	-	3	3	...	-	18.0	17.6
Chile	9 033	6 014	6 184	4 312	85.6	56.0	56.6	38.8
Colombia	16 147	12 305	9 848	12 668	64.5	48.0	37.4	46.8
Costa Rica	949	917	835	1 596	45.8	43.3	38.5	71.1
Cuba	11 828	16 646	21 954	20 293	123.3	171.8	224.6	206.4
Dominica	11	6	1	3	13.8	7.4	1.3	3.8
Dominican Republic	2 459	3 065	3 006	2 558	49.4	59.8	57.0	47.1
Ecuador	...	...	...	754	...	...	...	9.0
El Salvador	2 870	2 768	2 385	2 307	67.4	63.6	53.7	47.9
Falkland Islands	-	...	-	-	-	...	-	-
French Guiana	2	7	11	5	3.1	11.7	18.3	8.3
Grenada	17	22	25	10	15.5	20.0	22.7	10.2
Guadeloupe	2	4	2	5	0.6	1.3	0.6	1.5
Guatemala	1 827	1 468	1 662	403	27.6	21.5	23.6	5.6
Guyana	193	230	580	290	23.8	28.0	67.1	32.8
Haiti	193	59	111	95	4.1	1.2	2.3	1.9
Honduras	1 220	1 052	1 392	1 608	36.7	30.6	39.1	43.6
Jamaica	48	45	62	21	2.3	2.1	2.9	1.0
Martinique	...	-	8	3	...	-	2.5	0.9
Mexico	5 165	4 048	5 016	4 878	8.0	6.0	7.2	6.8
Montserrat	...	11	4	-	...	100.0	36.4	-
Nicaragua	442	347	232	1 872	19.1	14.4	8.8	69.3
Panama	1 731	1 019	673	...	101.8	58.2	37.6	...
Paraguay (a)	411	295	464	410	26.2	17.9	27.3	23.3
Peru (a)	5 502	5 108	6 049	6 002	52.9	46.4	53.5	51.6
Puerto Rico	430	330	1 000	648	13.0	9.8	29.3	18.8
St. Kitts-Nevis and Anguilla (b)	1	2	-	16	2.1	4.1	-	32.7
Saint Lucia	-	45	40	24	-	37.5	33.9	20.0
St. Vincent	...	18	28	41	...	18.8	24.7	33.6
Suriname	3	13	-	29	0.8	3.5	-	7.4
Trinidad and Tobago	41	42	126	93	3.7	3.7	11.2	8.2
Turks and Caicos Islands	3	-	2	7	50.0	-	33.3	100.0
United States	31 153	29 500	56 393	59 996	14.2	13.3	25.1	26.4
Uruguay	2 188	2 720	3 490	...	76.9	95.0	121.3	...
Venezuela (a)	3 779	3 839	3 985	5 554	37.3	37.5	37.8	51.2
Virgin Islands (UK)	-	-	-	3	-	-	-	23.1
Virgin Islands (US)	8	10	11	...	8.0	9.6	10.5	...
Northern America	35 377	32 250	58 021	61 360	14.6	13.1	23.4	24.4
Middle America	29 385	32 025	38 646	36 557	26.2	27.6	32.3	30.1
Caribbean	15 147	20 369	26 414	23 868	55.7	72.6	92.8	82.9
Continental	14 238	11 656	12 232	12 689	16.7	13.2	13.4	13.7
South America	52 875	50 413	44 563	50 624	56.9	53.0	45.9	48.3
Tropical	27 584	23 021	22 016	26 769	51.5	41.8	38.9	40.2
Temperate	25 291	27 392	22 547	23 855	64.1	68.5	55.6	62.5

(a) Reporting area. (b) Excludes Anguilla.



Table II-9d  
 REPORTED CASES OF LEPROSY WITH RATES PER 100,000 POPULATION,  
 BY COUNTRY, 1977-1980

Country	NUMBER				RATE			
	1977	1978	1979	1980	1977	1978	1979	1980
Antigua	-	7	3	3	-	9.5	4.0	4.0
Argentina	743	584	954	1 477	2.9	2.2	3.6	5.5
Bahamas	1	1	1	-	0.5	0.4	0.4	-
Barbados	3	3	2	3	1.2	1.1	0.8	1.2
Belize	-	-	...	...	-	-	...	...
Bermuda	-	-	2	...	-	-	3.4	...
Bolivia	85	62	80	239	1.7	1.2	1.5	4.3
Brazil	9 133	11 993	14 375	14 515	8.1	10.4	12.1	11.8
Canada	16	13	10	25	0.1	0.1	0.0	0.1
Cayman Islands	-	-	-	...	-	-	-	...
Chile	1	1	1	-	0.0	0.0	0.0	-
Colombia	861	765	1 132	1 160	3.4	3.0	4.3	4.3
Costa Rica	30	32	50	58	1.4	1.5	2.3	2.6
Cuba	424	376	354	358	4.4	3.9	3.6	3.6
Dominica	3	5	-	3	3.8	6.2	-	3.8
Dominican Republic	399	402	311	342	8.0	7.8	5.9	6.3
Ecuador	131	116	88	112	1.7	1.5	1.1	1.3
El Salvador	2	-	2	5	0.0	-	0.0	0.1
Falkland Islands	-	-	...	...	-	-	...	...
French Guiana	42	67	29	35	65.6	111.7	48.3	58.3
Grenada	-	18	...	-	-	16.4	...	-
Guadeloupe	45	50	65	64	14.1	15.6	20.4	19.2
Guatemala	18	22	9	20	0.3	0.3	0.1	0.3
Guyana	31	39	78	78	3.8	4.8	9.0	8.8
Haiti	69	100	148	148	1.5	2.1	3.0	3.0
Honduras	2	1	-	2	0.1	0.0	-	0.1
Jamaica	62	108	104	34	3.0	5.1	4.8	1.6
Martinique	...	17	...	...	...	5.2	...	...
Mexico	606	616	657	684	0.9	0.9	0.9	1.0
Montserrat	...	3	1	4	...	27.3	9.1	33.3
Nicaragua	145	14	-	15	6.3	0.6	-	0.6
Panama	5	1	...	4	0.3	0.1	...	0.2
Paraguay (a)	62	157	248	268	3.9	9.5	14.6	15.3
Peru (a)	83	139	222	375	0.8	1.3	2.0	3.2
Puerto Rico	9	14	...	...	0.3	0.4	...	...
St. Kitts-Nevis and Anguilla (b)	-	6	-	1	-	9.0	-	2.0
Saint Lucia	21	72	5	4	17.5	60.0	4.2	3.3
St. Vincent	...	...	5	...	...	...	4.4	...
Suriname	136	128	...	...	36.8	34.2	...	...
Trinidad and Tobago	52	43	44	42	4.6	3.8	3.9	3.7
Turks and Caicos Islands	5	...	-	...	83.3	...	-	...
United States	151	168	185	223	0.1	0.1	0.1	0.1
Uruguay	1	24	31	30	0.0	0.8	1.1	1.0
Venezuela (a)	263	381	394	...	2.6	3.7	3.7	...
Virgin Islands (UK)	-	-	-	-	-	-	-	-
Northern America	167	181	197	248	0.1	0.1	0.1	0.1
Middle America	1 901	1 911	1 761	1 794	1.7	1.6	1.5	1.5
Caribbean	1 093	1 225	1 043	1 006	4.0	4.4	4.3	4.0
Continental	808	686	718	788	1.0	0.8	0.8	0.8
South America	11 572	14 456	17 632	18 289	5.4	6.6	7.9	8.3
Tropical	10 827	13 847	16 646	16 782	6.2	7.8	9.1	9.4
Temperate	745	609	986	1507	1.9	1.5	2.4	3.7

(a) Reporting area. (b) Excludes Anguilla.

Table II-9e  
 REPORTED CASES OF MALARIA WITH RATES PER 100,000 POPULATION,  
 BY COUNTRY, 1977-1980

Country	NUMBER				RATE			
	1977	1978	1979	1980	1977	1978	1979	1980
Antigua	1	-	-	-	1.4	-	-	-
Argentina	463	325	936	341	1.8	1.2	3.5	1.3
Bahamas	-	2	14	3	-	0.9	6.3	1.3
Barbados	1	2	2	1	0.4	0.8	0.8	0.4
Belize	894	1 218	1 391	1 529	600.0	796.1	880.4	943.8
Bermuda	-	-	-	-	-	-	-	-
Bolivia	10 106	10 897	14 712	16 619	196.2	206.1	271.2	296.8
Brazil	104 436	121 577	147 630	176 237	93.0	105.4	124.4	143.2
Canada	108	160	309	613	0.5	0.7	1.3	2.6
Cayman Islands	-	-	3	8	-	-	18.0	47.1
Chile	-	-	-	-	-	-	-	-
Colombia	57 346	53 412	48 861	41 491	228.9	208.3	185.4	153.2
Costa Rica	217	313	307	376	10.5	14.8	14.1	16.7
Cuba	168	159	294	307	1.8	1.6	3.0	3.1
Dominica	-	-	-	-	-	-	-	-
Dominican Republic	745	1 531	3 080	4 780	15.0	29.9	58.4	88.0
Ecuador	11 275	9 815	8 207	8 748	149.2	124.2	101.6	104.7
El Salvador	32 243	52 521	75 657	95 835	756.9	1 206.5	1 704.0	1 991.2
Falkland Islands	-	...	-	-	-	...	-	-
French Guiana	488	266	604	831	762.5	443.3	1 006.7	1 385.0
Grenada	-	58	1	-	-	52.7	0.9	-
Guadeloupe	-	1	-	1	-	0.3	-	0.3
Guatemala	34 907	59 755	70 622	62 657	526.5	873.6	1 002.3	863.0
Guyana	1 563	927	2 294	3 202	193.0	113.0	265.2	362.2
Haiti	27 679	60 472	41 252	7 951	582.8	1 251.4	838.7	158.7
Honduras	39 414	34 554	25 297	42 814	1 187.2	1 004.8	709.8	1 160.0
Jamaica	4	3	6	-	0.2	0.1	0.3	-
Martinique	...	2	3	-	...	0.6	1.0	-
Mexico	18 851	19 080	20 983	25 734	29.2	28.5	30.2	35.8
Nicaragua	11 584	10 633	18 418	22 043	501.0	441.3	696.6	815.5
Panama	674	263	316	304	39.6	15.0	17.7	16.5
Paraguay	156	156	116	140	5.6	5.4	3.9	4.6
Peru	32 410	20 376	17 127	14 982	198.1	121.1	99.0	84.3
Puerto Rico	2	4	6	5	0.1	0.1	0.2	0.1
St. Kitts-Nevis and Anguilla (a)	-	-	-	-	-	-	-	-
Saint Lucia	-	-	1	-	-	-	0.8	-
St. Vincent	...	-	-	1	...	-	-	0.8
Suriname	993	876	903	4 445	268.4	234.2	237.0	1 139.7
Trinidad and Tobago	1	2	8	2	0.1	0.2	0.7	0.2
Turks and Caicos Islands	-	-	-	-	-	-	-	-
United States	547	731	894	2 062	0.2	0.3	0.4	0.9
Uruguay	1	1	-	-	0.0	0.0	-	-
Venezuela	5 304	5 065	4 705	3 884	41.6	38.6	34.8	27.9
Virgin Islands (UK)	-	-	-	-	-	-	-	-
Virgin Islands (US)	-	1	-	2	-	1.0	-	2.1
Northern America	655	891	1 203	2675	0.3	0.4	0.5	1.1
Middle America	167 385	240 574	257 661	264 353	149.1	207.2	215.3	214.0
Caribbean	28 601	62 237	44 670	13 061	105.0	221.6	156.8	45.2
Continental	138 784	178 337	212 991	251 292	163.2	202.6	233.6	265.6
South America	224 541	223 693	246 095	270 920	100.9	98.0	105.1	112.3
Tropical	224 077	223 367	245 159	270 579	122.4	118.6	126.6	135.2
Temperate	464	326	936	341	1.2	0.8	2.3	0.8

(a) Excludes Anguilla.

Table II-9f  
 REPORTED CASES OF MEASLES WITH RATES PER 100,000 POPULATION,  
 BY COUNTRY, 1977-1980

Country	NUMBER				RATE			
	1977	1978	1979	1980	1977	1978	1979	1980
Antigua	4	10	534	2 291	5.6	13.5	712.0	3 054.7
Argentina	36 538	9 453	9 986	16 110	140.2	35.8	37.4	59.5
Bahamas	1 831	222	1 659	484	832.3	98.7	740.6	204.2
Barbados	1 711	35	16	27	672.3	13.2	6.4	10.7
Belize	19	216	255	541	12.8	141.2	161.4	334.0
Bermuda	10	99	13	22	17.5	170.7	22.0	36.7
Bolivia	8 194	3 363	5 802	3 581	159.1	63.6	106.9	63.9
Brazil	50 241	48 972	60 776	95 154	44.8	42.4	51.2	77.3
Canada	8 832	5 858	22 527	13 347	38.0	24.9	95.1	55.8
Cayman Islands	...	43	274	9	...	358.3	1 643.0	52.9
Chile	1 062	15 381	34 390	3 844	10.1	143.3	315.0	34.6
Colombia	21 362	20 446	18 144	9 222	85.3	79.7	68.8	34.0
Costa Rica	1 972	347	6 410	1 001	95.3	16.4	295.4	44.6
Cuba	25 358	18 751	7 512	3 924	264.3	193.5	76.8	39.9
Dominica	85	-	178	-	106.3	-	225.3	-
Dominican Republic	5 707	5 796	7 669	9 760	114.6	113.1	145.4	179.7
Ecuador	2 438	870	4 206	2 722	32.3	11.0	52.1	32.6
El Salvador	7 567	1 585	10 359	2 244	177.6	36.4	233.3	46.6
Falkland Islands	...	...	-	15	...	...	-	750.0
French Guiana	5	125	39	1	7.8	208.3	65.0	1.7
Grenada	1 542	197	3	53	1 401.8	179.1	2.7	54.1
Guadeloupe	3	2	33	2	0.9	0.6	10.3	0.6
Guatemala	2 682	2 096	3 351	1 922	40.5	30.6	47.6	26.5
Guyana	240	11	910	464	29.6	1.3	105.2	52.5
Haiti	970	280	260	507	20.4	5.8	5.3	10.1
Honduras	2 538	5 219	4 895	4 188	76.4	151.8	137.4	113.5
Jamaica	49	850	82	27	2.3	40.1	3.8	1.2
Martinique	...	27	-	3	...	8.2	-	0.9
Mexico	24 035	3 078	10 691	29 730	37.2	4.6	15.4	41.3
Montserrat	...	3	3	3	...	27.3	27.3	25.0
Nicaragua	901	160	1 270	3 784	39.0	6.6	48.0	140.0
Panama	2 545	2 346	4 350	2 000	149.7	134.1	243.0	108.7
Paraguay (a)	1 596	487	1 606	1 156	101.6	29.5	94.4	65.8
Peru (a)	8 827	3 386	13 345	19 246	84.8	30.8	118.0	165.5
Puerto Rico	1 163	326	424	231	35.0	9.7	12.4	6.7
St. Kitts-Nevis and Anguilla (b)	1	9	856	305	2.1	18.6	1 757.7	622.4
Saint Lucia	-	134	9	35	-	111.7	7.6	29.2
St. Vincent	...	-	40	257	...	-	35.3	210.7
Suriname	...	...	...	254	...	...	...	65.1
Trinidad and Tobago	1 602	768	394	384	143.2	67.8	35.0	33.7
Turks and Caicos Islands	26	10	-	4	433.3	166.7	-	57.1
United States	57 345	26 871	13 597	13 506	26.1	12.1	6.1	5.9
Uruguay	5 178	552	1 300	154	181.9	19.3	45.2	5.3
Venezuela (a)	13 300	18 541	20 663	8 695	131.3	181.1	195.9	80.1
Virgin Islands (UK)	-	-	10	20	-	-	76.9	153.8
Virgin Islands (US)	15	6	6	6	15.1	5.8	5.7	6.3
Northern America	66 187	32 828	36 137	26 875	27.2	13.4	14.6	10.7
Middle America	82 326	42 516	61 543	63 742	73.3	36.6	51.4	51.6
Caribbean	40 067	27 469	19 962	18 332	147.3	97.9	70.1	63.5
Continental	42 259	15 047	41 581	45 410	49.7	17.1	45.6	48.0
South America	148 981	121 587	171 167	160 618	70.1	55.8	76.6	69.6
Tropical	106 203	96 201	125 491	140 495	61.4	54.0	68.6	74.1
Temperate	42 778	25 386	45 676	20 123	108.4	63.5	112.7	49.0

(a) Reporting area. (b) Excludes Anguilla.

Table II-9g  
 REPORTED CASES OF ACUTE POLIOMYELITIS WITH RATES PER 100,000 POPULATION,  
 BY COUNTRY, 1977-1980

Country	NUMBER				RATE			
	1977	1978	1979	1980	1977	1978	1979	1980
Antigua	-	-	-	-	-	-	-	-
Argentina	-	3	21	32	-	0.0	0.1	0.1
Bahamas	-	1	-	-	-	0.4	-	-
Barbados	-	-	-	-	-	-	-	-
Belize	-	-	3	3	-	-	1.9	1.9
Bermuda	-	-	-	-	-	-	-	-
Bolivia	170	43	271	48	3.3	0.8	5.0	0.9
Brazil	2 309	1 497	2 313	1 342	2.1	1.3	1.9	1.1
Canada	2	8	3	-	0.0	0.0	0.0	-
Cayman Islands	...	-	-	-	...	-	-	-
Chile	-	-	-	-	-	-	-	-
Colombia	529	308	479	129	2.1	1.2	1.8	0.5
Costa Rica	-	-	-	-	-	-	-	-
Cuba	-	-	1	-	-	-	0.0	-
Dominica	-	-	-	-	-	-	-	-
Dominican Republic	38	148	11	138	0.8	2.9	0.2	2.5
Ecuador	24	15	5	11	0.3	0.2	0.1	0.1
El Salvador	9	10	3	55	0.2	0.2	0.1	1.1
Falkland Islands	-	...	-	-	-	...	-	-
French Guiana	1	-	-	-	1.6	-	-	-
Grenada	-	-	-	-	-	-	-	-
Guadeloupe	...	-	-	...	...	-	-	...
Guatemala	46	38	24	287	0.7	0.6	0.3	4.0
Guyana	1	-	-	...	0.1	-	-	...
Haiti	61	28	1	20	1.3	0.6	0.0	0.4
Honduras	175	74	226	3	5.3	2.2	6.3	0.1
Jamaica	-	-	-	-	-	-	-	-
Martinique	...	-	-	-	...	-	-	-
Mexico	907	707	827	682	1.4	1.1	1.2	0.9
Montserrat	...	...	-	...	...	...	-	...
Nicaragua	36	1	87	21	1.6	0.0	3.3	0.8
Panama	-	-	-	-	-	-	-	-
Paraguay (a)	20	36	17	7	1.3	2.2	1.0	0.4
Peru (a)	183	82	96	182	1.8	0.7	0.8	1.6
Puerto Rico	-	-	-	-	-	-	-	-
St. Kitts-Nevis and Anguilla (b)	-	-	-	-	-	-	-	-
Saint Lucia	-	-	-	-	-	-	-	-
St. Vincent	1	-	-	-	1.1	-	-	-
Suriname	-	-	1	-	-	-	0.3	-
Trinidad and Tobago	-	-	-	-	-	-	-	-
Turks and Caicos Islands	1	-	-	-	16.7	-	-	-
United States	18	15	34	9	0.0	0.0	0.0	0.0
Uruguay	10	-	-	...	0.4	-	-	...
Venezuela (a)	7	17	52	2	0.1	0.2	0.5	0.0
Virgin Islands (UK)	-	-	-	-	-	-	-	-
Virgin Islands (US)	-	-	-	-	-	-	-	-
Northern America	20	23	37	9	0.0	0.0	0.0	0.0
Middle America	1 274	1 007	1 183	1 209	1.1	0.9	1.0	1.0
Caribbean	101	177	13	158	0.4	0.6	0.0	0.6
Continental	1 173	830	1 170	1 051	1.4	0.9	1.3	1.1
South America	3 254	2 001	3 255	1 753	1.5	0.9	1.5	0.8
Tropical	3 244	1 998	3 234	1 721	1.9	1.1	1.8	0.9
Temperate	10	3	21	32	0.0	0.0	0.1	0.1

(a) Reporting area. (b) Excludes Anguilla.

Table II-9h  
 REPORTED CASES OF SYPHILIS WITH RATES PER 100,000 POPULATION,  
 BY COUNTRY, 1977-1980

Country	NUMBER				RATE			
	1977	1978	1979	1980	1977	1978	1979	1980
Antigua	69	80	33	22	95.8	108.1	44.0	29.3
Argentina	11 197	12 323	9 794	9 329	43.0	46.7	36.6	34.5
Bahamas	318	407	372	403	144.5	180.9	166.1	170.0
Belize	67	28	47	15	45.0	18.3	29.7	9.3
Bermuda	47	33	39	39	82.5	56.9	66.1	65.0
Bolivia	2 346	1 876	2 160	1 926	45.6	35.5	39.8	34.4
Canada	2 998	2 856	2 835	3 000	12.9	12.2	12.0	12.5
Cayman Islands	...	-	3	4	...	-	18.0	23.5
Chile	6 858	10 248	8 393	8 199	65.0	95.5	76.9	73.8
Colombia	21 489	18 254	13 395	15 165	85.8	71.2	50.8	56.0
Costa Rica	4 046	2 533	2 168	1 918	195.5	119.5	99.9	85.4
Cuba	3 771	4 262	4 235	4 353	39.3	44.0	43.3	44.3
Dominica	27	23	1	6	33.8	28.3	1.3	7.5
Dominican Republic	17 782	16 986	17 526	15 565	357.2	331.5	332.2	286.6
Ecuador	2 317	2 096	1 652	1 444	30.7	26.5	20.4	17.3
El Salvador	7 625	8 775	6 591	5 821	179.0	201.6	148.4	120.9
Falkland Islands	-	...	-	3	-	...	-	150.0
French Guiana	277	158	227	180	432.8	263.3	378.3	300.0
Grenada	-	-	17	25	-	-	15.5	25.5
Guadeloupe	132	45	5	71	41.3	14.1	1.6	21.3
Guatemala	968	1 241	255	1 487	14.6	18.1	3.6	20.5
Guyana	-	...	1	...	-	...	0.1	...
Haiti	1 010	270	250	1 480	21.3	5.6	5.1	29.5
Honduras	2 651	2 614	2 459	2 643	79.8	76.0	69.0	71.6
Jamaica	...	-	...	...	...	-	...	...
Martinique	182	57	20	23	56.9	17.3	6.3	7.0
Mexico	8 548	7 470	9 591	4 171	13.2	11.2	13.8	5.8
Montserrat	...	89	47	36	...	809.1	427.3	300.0
Nicaragua	1 912	1 186	476	1 348	82.7	49.2	18.0	49.9
Panama	1 607	1 252	1 045	...	94.5	71.5	58.4	...
Paraguay (a)	1 221	995	1 252	1 251	77.7	60.2	73.6	71.2
Peru (a)	2 723	2 340	2 455	2 241	26.2	21.3	21.7	19.3
Puerto Rico	560	490	580	695	16.9	14.6	17.0	20.2
St. Kitts-Nevis and Anguilla (b)	81	27	16	41	170.5	55.8	32.9	83.7
Saint Lucia	400	440	266	235	333.3	366.7	225.4	195.8
St. Vincent	...	9	15	45	...	9.4	13.2	36.9
Suriname	...	...	-	...	...	...	-	...
Trinidad and Tobago	1 157	1 046	739	...	103.4	92.3	65.6	...
Turks and Caicos Islands	13	5	4	13	216.7	83.3	66.7	185.7
United States	64 621	64 875	67 049	68 832	29.4	29.2	29.9	30.3
Uruguay	2 790	2 351	3 086	...	98.0	82.1	107.2	...
Venezuela (a)	17 519	15 985	...	...	173.0	156.2	...	...
Virgin Islands (UK)	-	-	6	-	-	-	46.2	-
Virgin Islands (US)	9	20	17	11	9.0	19.2	16.2	11.6
Northern America	67 666	67 764	69 923	71 871	27.8	27.6	28.2	28.6
Middle America	52 935	49 355	46 784	40 431	48.0	42.6	39.9	34.2
Caribbean	25 511	24 256	24 152	23 028	101.4	87.2	92.7	91.0
Continental	27 424	25 099	22 632	17 403	32.3	28.5	24.8	18.8
South America	68 737	66 626	42 415	39 738	68.6	65.5	44.8	42.9
Tropical	47 892	41 704	21 142	22 207	78.9	67.5	39.0	40.8
Temperate	20 845	24 922	21 273	17 531	52.8	62.3	52.5	45.9

(a) Reporting area (b) Excludes Anguilla.

Table II-9i  
 REPORTED CASES OF TETANUS WITH RATES PER 100,000 POPULATION,  
 BY COUNTRY, 1977-1980

Country	NUMBER				RATE			
	1977	1978	1979	1980	1977	1978	1979	1980
Antigua	4	3	1	3	5.6	4.1	1.3	4.0
Argentina	335	270	234	219	1.3	1.0	0.9	0.8
Bahamas	2	1	2	3	0.9	0.4	0.9	1.3
Barbados	13	9	7	13	5.1	3.4	2.8	5.1
Belize	3	5	4	1	2.0	3.3	2.5	0.6
Bermuda	-	-	-	-	-	-	-	-
Bolivia	132	117	187	177	2.6	2.2	3.4	3.2
Brazil	2 909	3 011	2 745	3 125	2.6	2.6	2.3	2.5
Canada	9	5	...	2	0.0	0.0	...	0.0
Cayman Islands	...	-	-	-	...	-	-	-
Chile	26	29	24	31	0.2	0.3	0.2	0.3
Colombia	631	695	685	593	2.5	2.7	2.6	2.2
Costa Rica	44	40	22	9	2.1	1.9	1.0	0.4
Cuba	52	37	30	26	0.5	0.4	0.3	0.3
Dominica	5	3	2	2	6.3	3.7	2.5	2.5
Dominican Republic	270	154	253	94	5.4	3.0	4.8	1.7
Ecuador	151	116	92	109	2.0	1.5	1.1	1.3
El Salvador	147	122	114	98	3.5	2.8	2.6	2.0
Falkland Islands	-	...	-	-	-	...	-	-
French Guiana	1	-	1	...	1.6	-	1.7	...
Grenada	10	5	2	3	9.1	4.5	1.8	3.1
Guadeloupe	-	-	-	-	-	-	-	-
Guatemala	85	64	-	67	1.3	0.9	-	0.9
Guyana	21	21	27	13	2.6	2.6	3.1	1.5
Haiti	143	91	72	381	3.0	1.9	1.5	7.6
Honduras	61	36	47	31	1.8	1.0	1.3	0.8
Jamaica	33	40	12	10	1.6	1.9	0.6	0.5
Martinique	...	12	13	5	...	3.6	4.1	1.5
Mexico	490	439	383	596	0.8	0.7	0.6	0.8
Montserrat	...	1	1	-	...	9.1	9.1	-
Nicaragua	17	13	1	89	0.7	0.5	0.0	3.3
Panama	50	29	39	30	2.9	1.7	2.2	1.6
Paraguay (a)	158	149	189	196	10.1	9.0	11.1	11.2
Peru (a)	500	532	487	525	4.8	4.8	4.3	4.5
Puerto Rico	11	10	10	15	0.3	0.3	0.3	0.4
St. Kitts-Nevis and Anguilla (b)	3	2	-	2	6.3	4.1	-	4.1
Saint Lucia	-	5	8	1	-	4.2	6.8	0.8
St. Vincent	...	3	2	-	...	3.1	1.8	-
Trinidad and Tobago	25	13	32	30	2.2	1.1	2.8	2.6
Turks and Caicos Islands	-	-	-	-	-	-	-	-
United States	87	86	81	95	0.0	0.0	0.0	0.0
Uruguay	16	15	17	22	0.6	0.5	0.6	0.8
Venezuela (a)	438	174	...	...	4.3	1.7	...	...
Virgin Islands (UK)	-	-	-	-	-	-	-	-
Virgin Islands (US)	-	-	-	...	-	-	-	...
Northern America	96	91	81	97	0.0	0.0	0.0	0.0
Middle America	1 468	1 137	1 057	1 509	1.3	1.0	0.9	1.2
Caribbean	571	389	447	588	2.1	1.4	1.6	2.0
Continental	897	748	610	921	1.1	0.8	0.7	1.0
South America	5 318	5 129	4 688	5 010	2.5	2.4	2.2	2.3
Tropical	4 941	4 815	4 413	4 738	2.9	2.7	2.6	2.7
Temperate	377	314	275	272	1.0	0.8	0.7	0.7

(a) Reporting area. (b) Excludes Anguilla.

Table II-9j  
 REPORTED CASES OF ALL FORMS OF TUBERCULOSIS WITH RATES PER 100,000  
 POPULATION, BY COUNTRY, 1977-1980

Country	NUMBER				RATE			
	1977	1978	1979	1980	1977	1978	1979	1980
Antigua	6	8	2	8	8.3	10.8	2.7	10.7
Argentina	17 197	16 275	16 569	16 406	66.0	61.7	62.0	60.6
Bahamas	33	26	62	74	15.0	11.6	27.7	31.2
Barbados	14	16	23	64	5.5	6.0	9.2	25.3
Belize	31	16	33	21	20.8	10.5	20.9	13.0
Bermuda	-	3	3	1	-	5.2	5.1	1.7
Bolivia	12 074	11 214	11 202	12 584	234.4	212.1	206.5	224.7
Brazil	47 797	56 484	64 734	72 608	42.6	48.9	54.6	59.0
Canada	3 197	2 940	2 525	2 757	13.7	12.5	10.7	11.5
Cayman Islands	...	-	1	-	...	-	6.0	-
Chile	9 312	8 486	8 798	...	88.3	79.1	80.6	...
Colombia	25 886	22 965	23 301	22 228	103.3	89.5	88.4	82.1
Costa Rica	460	436	566	441	22.2	20.6	26.1	19.6
Cuba	1 257	1 261	1 130	1 134	13.1	13.0	11.6	11.5
Dominica	20	11	5	20	25.0	13.5	6.3	25.0
Dominican Republic	1 388	1 387	2 181	2 126	27.9	27.1	41.3	39.1
Ecuador	2 858	2 617	3 473	3 950	37.8	33.1	43.0	47.3
El Salvador	2 658	2 449	2 567	2 255	62.4	56.3	57.8	46.9
Falkland Islands	-	...	-	-	-	...	-	-
French Guiana	18	19	31	61	28.1	31.7	51.7	101.7
Grenada	11	-	10	17	10.0	-	9.1	17.3
Guadeloupe	-	28	41	82	-	8.8	12.9	24.6
Guatemala	6 695	5 353	5 307	5 624	101.0	78.3	75.3	77.5
Guyana	120	110	71	124	14.8	13.4	8.2	14.0
Haiti	1 110	610	1 390	8 306	23.4	12.6	28.3	165.8
Honduras	1 578	1 427	1 342	1 902	47.5	41.5	37.7	51.5
Jamaica	349	300	140	140	16.6	14.2	6.5	6.4
Martinique	77	50	74	40	24.1	15.2	23.5	12.2
Mexico	10 713	10 158	9 989	11 528	16.6	15.2	14.4	16.0
Montserrat	...	4	1	1	...	36.4	9.1	8.3
Nicaragua	1 741	1 932	1 132	942	75.3	80.2	42.8	34.9
Panama	853	705	499	...	50.2	40.3	27.9	...
Paraguay (a)	1 087	1 193	1 485	1 687	69.2	72.2	87.3	96.1
Peru (a)	17 660	15 506	15 616	16 011	169.7	140.9	138.1	137.7
Puerto Rico	363	395	310	476	10.9	11.8	9.1	13.8
St. Kitts-Nevis and Anguilla (b)	3	1	1	7	6.3	2.1	2.1	14.3
Saint Lucia	37	50	42	41	30.8	41.7	35.6	34.2
St. Vincent	...	21	19	30	...	21.9	16.8	24.6
Suriname	104	71	69	...	28.1	19.0	18.1	...
Trinidad and Tobago	75	120	137	86	6.7	10.6	12.2	7.5
Turks and Caicos Islands	-	-	-	2	-	-	-	28.6
United States	30 145	28 521	27 669	27 749	13.7	12.8	12.3	12.2
Uruguay	1 654	1 709	1 855	...	58.1	59.7	64.5	...
Venezuela (a)	4 019	4 167	4 160	4 230	39.7	40.7	39.4	39.0
Virgin Islands (UK)	-	-	-	-	-	-	-	-
Virgin Islands (US)	2	5	4	...	2.0	4.8	3.8	...
Northern America	33 342	31 464	30 197	30 507	13.7	12.8	12.2	12.1
Middle America	29 474	26 769	27 008	35 367	26.2	23.1	22.6	29.1
Caribbean	4 745	4 293	5 573	12 654	17.2	15.3	19.6	44.0
Continental	24 729	22 476	21 435	22 713	29.1	25.5	23.5	24.5
South America	139 786	140 816	151 364	149 889	65.7	64.5	67.6	69.3
Tropical	111 623	114 346	124 142	133 483	64.4	64.1	67.7	70.5
Temperate	28 163	26 470	27 222	16 406	71.4	66.2	67.2	60.6

(a) Reporting area. (b) Excludes Anguilla.



Table II-9k  
 REPORTED CASES OF TYPHOID FEVER WITH RATES PER 100,000 POPULATION,  
 BY COUNTRY, 1977-1980

Country	NUMBER				RATE			
	1977	1978	1979	1980	1977	1978	1979	1980
Antigua	2	-	-	1	2.8	-	-	1.3
Argentina (a)	1 170	1 057	699	549	4.5	4.0	2.6	2.0
Bahamas	-	-	2	3	-	-	0.9	1.3
Barbados	1	2	4	1	0.4	0.8	1.6	0.4
Belize	4	1	9	2	2.7	0.7	5.7	1.2
Bermuda	-	-	-	-	-	-	-	-
Bolivia	1 361	1 255	1 778	1 870	26.4	23.7	32.8	33.4
Brazil	4 349	3 090	3 449	4 451	3.9	2.7	2.9	3.6
Canada	89	99	105	80	0.4	0.4	0.4	0.3
Cayman Islands	...	-	1	1	...	-	6.0	5.9
Chile (a)	11 533	13 114	10 760	10 872	109.3	122.2	98.6	97.9
Colombia (a)	8 207	8 016	8 492	7 834	32.8	31.3	32.2	28.9
Costa Rica	19	17	56	5	0.9	0.8	2.6	0.2
Cuba	455	371	180	103	4.7	3.8	1.8	1.0
Dominica	48	38	18	17	60.0	46.7	22.8	21.3
Dominican Republic (a)	1 301	918	1 359	802	26.1	17.9	25.8	14.8
Ecuador (a)	2 776	2 710	3 177	5 950	36.7	34.3	39.3	71.2
El Salvador (a)	1 684	3 107	2 293	1 122	39.5	71.4	51.6	23.3
Falkland Islands	-	...	-	-	-	...	-	-
French Guiana	6	8	16	13	9.4	13.3	26.7	21.7
Grenada	30	4	1	-	27.3	3.6	0.9	-
Guadeloupe	3	-	1	7	0.9	-	0.3	2.1
Guatemala	1 359	1 358	1 288	1 102	20.5	19.9	18.3	15.2
Guyana	81	93	60	64	10.0	11.3	6.9	7.2
Haiti (a)	1 520	320	410	817	32.0	6.6	8.3	16.3
Honduras	1 045	660	771	733	31.5	19.2	21.6	19.9
Jamaica	65	-	-	160	3.1	-	-	7.3
Martinique	...	4	8	14	...	1.2	2.5	4.3
Mexico	2 914	2 734	2 860	4 522	4.5	4.1	4.1	6.3
Nicaragua	991	568	356	1 173	42.9	23.6	13.5	43.4
Panama	22	35	16	30	1.3	2.0	0.9	1.6
Paraguay (b)	63	40	86	155	4.0	2.4	5.1	8.8
Peru (a, b)	9 340	7 584	12 228	20 284	89.8	68.9	108.1	174.4
Puerto Rico	-	3	5	8	-	0.1	0.1	0.2
St. Kitts-Nevis and Anguilla (c)	-	-	-	-	-	-	-	-
Saint Lucia	51	10	4	7	42.5	8.3	3.4	5.8
St. Vincent	...	-	-	-	...	-	-	-
Suriname	2	6	7	-	0.5	1.6	1.8	-
Trinidad and Tobago	13	9	14	27	1.2	0.8	1.2	2.4
Turks and Caicos Islands	-	-	-	-	-	-	-	-
United States	398	505	528	510	0.2	0.2	0.2	0.2
Uruguay	44	51	18	90	1.5	1.8	0.6	3.1
Venezuela (a, b)	107	68	42	32	1.1	0.7	0.4	0.3
Virgin Islands (UK)	-	-	-	-	-	-	-	-
Virgin Islands (US)	-	-	1	-	-	-	1.0	-
Northern America	487	604	633	590	0.2	0.2	0.3	0.2
Middle America	11 527	10 159	9 657	10 657	10.3	8.8	8.1	8.6
Caribbean	3 489	1 679	2 008	1 968	12.8	6.0	7.1	6.8
Continental	8 038	8 480	7 649	8 689	9.5	9.6	8.4	9.2
South America	39 039	37 092	40 812	52 164	18.3	17.0	18.2	22.6
Tropical	26 292	22 870	29 335	40 653	15.2	12.8	16.0	21.4
Temperate	12 747	14 222	11 477	11 511	32.3	35.6	28.3	28.0

a) Includes paratyphoid fever. b) Reporting area. c) Excludes Anguilla.

Table II-9f  
 REPORTED CASES OF WHOOPING COUGH WITH RATES PER 100,000 POPULATION,  
 BY COUNTRY, 1977-1980

Country	NUMBER				RATE			
	1977	1978	1979	1980	1977	1978	1979	1980
Antigua	43	89	1	-	59.7	120.3	1.3	-
Argentina	44 875	17 014	18 535	27 223	172.2	64.5	69.3	100.6
Bahamas	1	2	-	15	0.5	0.9	-	6.3
Barbados	3	14	2	-	1.2	5.3	0.8	-
Belize	52	-	2	11	34.9	-	1.3	6.8
Bermuda	1	3	3	-	1.8	5.2	5.1	-
Bolivia	4 375	2 611	2 457	2 377	85.0	49.4	45.3	42.4
Brazil	29 994	32 401	34 026	43 908	26.7	28.1	28.7	35.7
Canada	1 988	2 666	2 116	2 812	8.5	11.3	8.9	11.7
Cayman Islands	...	-	3	-	...	-	18.0	-
Chile	10 169	895	446	2 795	96.4	8.3	4.1	25.2
Colombia	14 981	15 952	11 209	7 664	59.8	62.2	42.5	28.3
Costa Rica	443	87	298	964	21.4	4.1	13.7	42.9
Cuba	978	1 466	147	131	10.2	15.1	1.5	1.3
Dominica	194	44	-	1	242.5	54.1	-	1.3
Dominican Republic	1 035	996	701	558	20.8	19.4	13.3	10.3
Ecuador	2 307	1 964	1 991	836	30.5	24.9	24.6	10.0
El Salvador	1 825	2 360	812	1 003	42.8	54.2	18.3	20.8
Falkland Islands	-	...	-	-	-	...	-	-
French Guiana	3	-	-	2	4.7	-	-	3.3
Grenada	4	-	6	6	3.6	-	5.5	6.1
Guadeloupe	5	1	-	...	1.6	0.3	-	...
Guatemala	1 047	1 093	1 452	1 101	15.8	16.0	20.6	15.2
Guyana	-	...	4	...	-	...	0.5	...
Haiti	1 042	1 024	1 188	812	21.9	21.2	24.2	16.2
Honduras	1 373	1 746	2 451	2 503	41.4	50.8	68.8	67.8
Jamaica	56	38	16	13	2.7	1.8	0.7	0.6
Martinique	...	4	-	...	...	1.2	-	...
Mexico	7 472	3 100	2 625	5 539	11.6	4.6	3.8	7.7
Nicaragua	791	623	267	2 469	34.2	25.9	10.1	91.3
Panama	127	91	726	648	7.5	5.2	40.6	35.2
Paraguay (a)	1 094	848	1 015	925	69.7	51.3	59.7	52.7
Peru (a)	5 589	6 544	12 720	12 134	53.7	59.5	112.5	104.4
Puerto Rico	32	21	6	14	1.0	0.6	0.2	0.4
St. Kitts-Nevis and Anguilla (b)	-	-	-	-	-	-	-	-
Saint Lucia	-	4	1	20	-	3.3	0.8	16.7
St. Vincent	...	46	10	-	...	47.9	8.8	-
Trinidad and Tobago	21	23	47	10	1.9	2.0	4.2	0.9
Turks and Caicos Islands	-	-	-	4	-	-	-	57.1
United States	2 177	2 063	1 623	1 730	1.0	0.9	0.7	0.8
Uruguay	1 426	1 125	230	162	50.1	39.3	8.0	5.6
Venezuela (a)	11 460	4 442	1 736	2 834	113.1	43.4	16.5	26.1
Virgin Islands (UK)	-	-	-	-	-	-	-	-
Virgin Islands (US)	-	1	-	...	-	1.0	-	...
Northern America	4 166	4 732	3 742	4 542	1.7	1.9	1.5	1.8
Middle America	16 544	12 873	10 761	15 822	14.7	11.1	9.0	12.9
Caribbean	3 414	3 773	2 128	1 584	12.6	13.4	7.5	5.6
Continental	13 130	9 100	8 633	14 238	15.4	10.3	9.5	15.0
South America	126 273	83 796	84 369	100 860	59.4	38.6	37.7	44.0
Tropical	69 803	64 762	65 158	70 680	40.4	36.6	35.6	37.5
Temperate	56 470	19 034	19 211	30 180	143.1	47.6	47.4	73.5

(a) Reporting area. (b) Excludes Anguilla.

Table III-1  
NUMBER AND PERCENTAGE OF DEATHS UNDER 5 YEARS OF AGE, BY COUNTRY

AREA	YEAR	ALL AGES	UNDER 5 YEARS		UNDER 1 YEAR		1-4 YEARS	
			NUMBER	PER CENT	NUMBER	PER CENT	NUMBER	PER CENT
ANTIGUA	1978	402	37	9.2	30	7.5	7	1.7
ARGENTINA	1978	233482	31731	13.6	27113	11.6	4618	2.0
BAHAMAS	1979	1240	215	17.3	193	15.6	22	1.8
BARBADOS	1978	2050	151	7.4	125	6.1	26	1.3
BELIZE	1979	651	200	30.7	165	25.3	35	5.4
BERMUDA	1978	362	13	3.6	11	3.0	2	0.6
CANADA	1978	168179	5175	3.1	4289	2.6	886	0.5
CAYMAN ISLANDS	1979	90	10	11.1	7	7.8	3	3.3
CHILE	1979	74178	10300	13.9	8825	11.9	1475	2.0
COLOMBIA	1977	145426	45747	31.5	31881	21.9	13866	9.5
COSTA RICA	1979	9143	1807	19.8	1532	16.8	275	3.0
CUBA	1978	54969	4160	7.6	3313	6.0	847	1.5
DOMINICA	1978	417	45	10.8	38	9.1	7	1.7
DOMINICAN REPUBLIC	1978	23127	7909	34.2	5791	25.0	2118	9.2
ECUADOR	1978	56601	23929	42.3	14832	26.2	9097	16.1
EL SALVADOR	1974	30533	11777	38.6	8467	27.7	3310	10.8
FALKLAND ISLANDS	1977	27	1	3.7	-	-	1	3.7
FRENCH GUIANA	1978	467	69	14.8	51	10.9	18	3.9
GUATEMALA	1978	63998	32446	50.7	20513	32.1	11933	18.6
GUYANA	1977	5883	1390	23.6	1069	18.2	321	5.5
HONDURAS	1978	18127	6575	36.3	3919	21.6	2656	14.7
JAMAICA	1971	14437	2816	19.5	1748	12.1	1068	7.4
MARTINIQUE	1975	2190	206	9.4	167	7.6	39	1.8
MEXICO	1976	455660	166472	36.5	122973	27.0	43499	9.5
MONTserrat	1979	110	10	9.1	10	9.1	-	-
NETHERLANDS ANTILLES	1971	1111	157	14.1	141	12.7	16	1.4
NICARAGUA	1977	12492	4564	36.5	3459	27.7	1105	8.8
PANAMA	1974	9015	2619	29.1	1667	18.5	952	10.6
PARAGUAY (A)	1978	13015	4127	31.7	3017	23.2	1110	8.5
PERU	1978	81806	33633	41.1	22718	27.8	10915	13.3
PUERTO RICO	1977	19895	1657	8.3	1507	7.6	150	0.8
ST. KITTS-NEVIS AND ANGUILLA (B)	1978	466	61	13.1	44	9.4	17	3.6
ST. LUCIA	1978	790	140	17.7	115	14.6	25	3.2
ST. PIERRE AND MIQUELON	1976	33	1	3.0	1	3.0	-	-
ST. VINCENT	1979	693	161	23.2	130	18.8	31	4.5
SURINAME	1978	2730	531	19.5	465	17.0	66	2.4
TRINIDAD AND TOBAGO	1977	7311	719	9.8	586	8.0	133	1.8
TURKS AND CAICOS ISLANDS	1979	34	6	17.6	3	8.8	3	8.8
UNITED STATES	1978	1927788	54374	2.8	45945	2.4	8429	0.4
URUGUAY	1978	28041	2737	9.8	2508	8.9	229	0.8
VENEZUELA	1978	72470	20346	28.1	16325	22.5	4021	5.5
VIRGIN ISLANDS (UK)	1976	59	4	6.8	3	5.1	1	1.7
VIRGIN ISLANDS (US)	1973	496	75	15.1	66	13.3	9	1.8
NORTHERN AMERICA		2096362	59563	2.8	50246	2.4	9317	0.4
MIDDLE AMERICA		729486	244999	33.6	176712	24.2	68287	9.4
SOUTH AMERICA		714126	174541	24.4	128804	18.0	45737	6.4

(A) AREA OF INFORMATION ONLY. (B) EXCLUDING ANGUILLA.

Table III-2  
 NUMBER OF INFANT DEATHS WITH RATES PER 1,000 LIVE BIRTHS, BY  
 COUNTRY, 1960, 1970, AND 1977-1980

AREA	NUMBER						RATE					
	1960	1970	1977	1978	1979	1980	1960	1970	1977	1978	1979	1980
ANTIGUA	129	34	45	33	...	39	68.7	22.1	31.5	22.4	...	31.5
ARGENTINA	29502	32044	29488	27113	...	...	62.4	59.3	44.6	40.8	...	...
BAHAMAS	174	153	135	...	193	154	51.8	35.9	27.7	...	35.7	26.0
BARBADOS	472	224	109	125	107	94	60.3	45.9	24.3	28.9	24.9	22.3
BELIZE	263	226	A)215	...	A)165	...	64.3	50.7	...	...	...	...
BERMUZA	38	16	16	11	...	...	31.5	15.1	19.8	14.8	...	...
BOLIVIA	...	...	...	...	...	...	...	...	...	...	...	...
BRAZIL	...	...	...	...	...	...	...	...	...	...	...	...
CANADA	13077	7001	4675	4289	...	...	27.3	16.8	12.4	12.0	...	...
CAYMAN ISLANDS	3	3	...	...	7	...	11.4	9.6	...	...	24.3	...
CHILE	34003	20750	11429	9169	8825	8078	120.3	79.3	47.5	38.7	30.6	31.9
COLUMBIA	59721	34204	31981	...	...	...	59.8	50.5	39.5	...	...	...
COSTA RICA	4034	3553	1787	1507	1532	...	68.6	61.5	27.8	22.3	22.1	...
CUBA	7634	9073	4225	3313	2719	...	35.4	38.3	25.0	22.6	19.1	...
DOMINICA	302	113	42	38	8119	...	107.3	45.1	24.1	21.9	...	...
DOMINICAN REPUBLIC	11078	8171	6923	5791	...	...	100.6	50.1	36.9	31.2	...	...
ECUADOR	20610	17633	15349	14832	...	...	100.0	76.6	57.5	64.4	...	...
EL SALVADOR	9258	9434	10329	8790	7232	...	76.3	66.7	59.3	50.8	53.0	...
FALKLAND ISLANDS	1	2	-	1	...	-	18.5	58.8	-	38.5	...	-
FRENCH GUIANA	69	55	38	51	...	55	67.3	34.7	26.0	34.0	...	26.5
GRENADA	313	90	...	73	41	54	77.9	32.3	...	29.0	13.4	21.0
GUADELLOUPE	496	398	163	118	...	78	47.3	42.4	25.8	20.9	...	15.3
GUATEMALA	17128	18483	18359	20513	20789	24625	51.9	87.1	64.5	72.3	73.2	85.9
GUYANA	1427	...	1369	...	...	...	62.4	...	46.5	...	...	...
HAITI	...	...	...	...	...	...	...	...	...	...	...	...
HONDURAS	4275	3559	4227	3919	3919	...	52.0	33.2	29.0	26.9	24.9	...
JAMAICA	3522	2071	916	942	...	...	51.5	32.2	15.2	16.2	...	...
MARTINIQUE	574	317	102	...	...	...	53.8	34.2	18.9	...	...	...
MEXICO	119315	146008	105309	137100	...	...	74.2	68.5	46.2	60.2	...	...
MONTSEKAT	41	17	...	...	10	9	114.2	50.3	...	...	72.0	40.2
NETHERLANDS ANTILLES	160	108	...	...	...	...	24.1	22.7	...	...	...	...
NICARAGUA	4483	...	3459	4149	...	...	70.2	...	35.2	42.9	...	...
PANAMA	2363	2156	1470	1168	...	1106	56.9	40.5	27.9	22.0	...	21.3
PARAGUAY C)	2496	2937	3032	3017	812846	8)2845	90.7	93.8	95.2	91.4	...	...
PERU	34655	31212	23479	22718	...	...	92.1	65.1	53.8	50.5	...	...
PUERTO RICO	3325	1932	1507	1390	1467	1347	43.6	28.6	20.1	18.4	14.9	18.4
ST. KITTS-NEVIS AND ANGUILLA D)	238	56	51	44	60	52	98.1	8.4	42.1	41.5	72.5	53.0
ST. LUCIA	454	211	79	115	123	...	107.1	42.7	19.2	27.8	33.0	...
ST. PIERRE AND MIQUELON	...	5	...	...	...	...	...	33.3	...	...	...	...
ST. VINCENT	526	195	174	163	130	...	132.0	58.6	55.2	49.9	37.0	...
SURINAME	476	469	358	465	363	...	40.7	36.9	32.3	43.6	34.0	...
TRINIDAD AND TOBAGO	1491	866	586	711	A)650	...	45.4	34.4	21.6	24.4	...	...
TURKS AND CAICOS ISLANDS	20	8	...	...	3	...	79.4	45.5	...	...	10.4	...
UNITED STATES	110873	74667	46975	43945	45000	45000	26.0	20.0	14.1	13.8	12.9	12.5
URUGUAY	2870	2757	2310	2508	...	2020	47.4	42.5	48.5	38.2	...	37.4
VENEZUELA	17887	19327	18391	16325	15727	15631	52.9	49.2	39.5	33.9	32.4	31.8
VIRGIN ISLANDS (UK)	21	11	11	9	...	9	75.3	35.1	52.4	45.9	...	34.9
VIRGIN ISLANDS (US)	42	71	55	58	...	63	35.6	24.3	21.9	22.5	...	24.7
NORTHERN AMERICA	123988	81689	51466	50245	45000	45000	26.2	19.9	14.0	13.6	12.9	12.5
MIDDLE AMERICA	192121	207551	160271	190067	43332	27660	70.4	62.5	43.8	52.5	43.1	63.4
CARIBBEAN	30985	24122	15123	12917	4863	1929	55.0	39.6	27.3	24.7	20.5	19.8
CONTINENTAL	161119	183419	145140	177146	35472	25731	74.4	67.7	46.8	57.2	50.9	75.9
SOUTH AMERICA	203717	161390	137824	96199	24912	25744	84.9	59.9	45.8	44.2	33.8	32.2
TROPICAL	137341	105837	94397	57408	15387	15686	86.8	58.0	45.9	47.0	32.5	31.0
TEMPERATE	66376	55553	43727	38741	8825	10093	81.3	63.8	45.6	40.1	30.0	32.9

NOT INCLUDED IN TOTAL FOR A) MIDDLE AMERICA, B) SOUTH AMERICA. C) AREA OF INFORMATION. D) EXCLUDES ANGUILLA FOR 1970 THROUGH 1980.

Table III-3  
 NUMBER OF DEATHS IN CHILDREN 1-4 YEARS OF AGE WITH RATES PER 1,000  
 POPULATION, BY COUNTRY, 1960, 1970, AND 1977-1980

AREA	NUMBER						RATE					
	1960	1970	1977	1978	1979	1980	1960	1970	1977	1978	1979	1980
ANTIGUA	53	13	7	7	...	...	7.9	1.0	0.8	0.8	...	...
ARGENTINA	7722	6212	5409	4618	...	...	4.3	3.3	2.6	2.2	...	...
BAHAMAS	...	40	26	...	22	36	...	1.3	0.9	...	0.8	1.2
BAHABADUS	90	47	22	26	23	14	3.5	2.2	1.2	1.3	1.3	0.8
BELIZE	88	74	55	...	35	...	6.7	4.3	2.6	...	1.6	...
BERMUDA	2	5	3	2	...	...	0.5	1.3	0.7	0.6	...	...
BOLIVIA	...	...	...	...	...	...	...	...	...	...	...	...
BRAZIL	...	...	...	...	...	...	...	...	...	...	...	...
CANADA	2067	1263	862	886	...	...	1.2	0.8	0.6	0.6	...	...
CAYMAN ISLANDS	...	...	...	...	3	...	...	...	...	...	1.7	...
CHILE	8793	3684	1756	1554	1475	1273	9.7	4.1	1.7	1.5	1.5	1.3
COLUMBIA	35261	19570	13866	...	...	...	16.3	6.8	4.5	...	...	...
COSTA RICA	1337	1155	299	233	275	...	6.9	4.0	1.4	1.1	1.3	...
CUBA	...	1163	936	847	...	...	...	1.2	1.0	0.9	...	...
DOMINICA	168	50	16	7	6	...	19.9	4.9	1.4	0.6	0.5	...
DOMINICAN REPUBLIC	5241	3262	2541	2118	...	...	11.8	5.9	3.8	3.0	...	...
ECUADOR	14084	12989	10984	9097	...	...	21.5	14.9	10.1	8.1	...	...
EL SALVADOR	5726	5925	...	2473	...	...	17.5	11.1	...	4.1	...	...
FALKLAND ISLANDS	...	-	1	...	...	...	...	-	6.3	...	...	...
FRENCH GUIANA	37	19	9	18	...	...	9.5	3.2	1.2	2.6	...	...
GRENADA	179	58	...	39	...	19	12.8	4.4	...	2.5	...	1.4
GUAJELOUPE	353	155	...	...	...	...	10.4	3.8	...	...	...	...
GUATEMALA	16416	17116	13712	11933	15422	13112	29.0	24.0	15.5	13.1	10.4	12.4
GUYANA	444	...	321	...	...	...	5.8	...	3.4	...	...	...
HAITI	...	...	...	...	...	...	...	...	...	...	...	...
HONOURAS	3747	3861	2977	2656	2503	...	13.9	9.9	5.7	4.8	4.3	...
JAMAICA	1454	1448	...	...	...	...	0.5	0.3	...	...	...	...
MARTINIQUE	291	97	...	...	...	...	8.7	2.3	...	...	...	...
MEXICO	67155	70563	...	...	...	...	13.1	9.5	...	...	...	...
MONTSEKAT	9	4	...	...	-	...	6.5	3.2	...	...	-	...
NETHERLANDS ANTILLES	43	17	...	...	...	...	1.8	0.6	...	...	...	...
NICARAGUA	1806	...	1105	...	...	...	9.1	...	3.6	...	...	...
PANAMA	1260	1400	610	...	...	507	9.6	7.5	2.8	...	...	2.1
PARAGUAY C)	A) 1124	1196	1533	1110	1102	930	...	6.7	7.9	5.0	4.7	4.1
PERU	...	22781	12150	10915	...	...	...	12.5	5.9	5.2	...	...
PUERTO RICO	856	265	150	...	142	151	3.1	0.9	0.5	...	0.5	0.5
ST. KITTS-NEVIS AND ANGUILLA D)	117	23	20	17	28	14	13.9	4.1	4.4	2.8	4.6	2.3
ST. LUCIA	254	61	41	25	...	...	21.7	4.0	2.3	1.9	...	...
ST. PIERRE AND MIQUELON	...	...	...	...	...	...	...	...	...	...	...	...
ST. VINCENT	...	72	63	58	31	...	...	5.3	4.7	3.9	1.8	...
SURINAME	...	206	83	66	74	...	...	4.3	1.7	1.4	1.5	...
TRINIDAD AND TOBAGO	343	197	133	...	...	...	3.2	1.8	1.3	...	...	...
TURKS AND CAICOS ISLANDS	...	...	...	...	3	...	...	...	...	...	3.8	...
UNITED STATES	17682	11548	8307	9429	...	...	1.1	0.8	0.7	0.7	...	...
URUGUAY	361	287	344	229	...	...	1.8	1.3	1.7	1.1	...	...
VENEZUELA	6212	7528	4734	4021	...	...	5.9	5.2	2.9	2.4	...	...
VIRGIN ISLANDS (UK)	...	1	-	5	...	-	...	0.8	-	3.6	...	-
VIRGIN ISLANDS (US)	10	...	...	...	...	817	2.6	...	...	...	...	...
NORTHERN AMERICA	19751	12816	9172	9317	...	...	1.1	0.8	0.7	0.7	...	...
MIDDLE AMERICA	106997	107068	22713	20444	18490	13853	13.3	9.0	5.3	5.1	8.6	8.3
CARIBBEAN	9461	6973	3955	3149	258	234	7.7	3.0	1.9	1.8	0.7	0.6
CONTINENTAL	97535	100094	18758	17295	18232	13619	14.3	10.5	8.6	7.6	10.4	10.5
SOUTH AMERICA	72914	74472	51190	31628	2651	2173	10.6	7.3	4.4	3.7	2.1	1.8
TROPICAL	56038	64289	43580	25227	1176	900	14.2	8.9	5.3	4.9	4.2	4.1
TEMPERATE	16876	10183	7510	6401	1475	1273	5.8	3.4	2.3	1.9	1.5	1.3

NOT INCLUDED IN TOTAL FOR A) SOUTH AMERICA, B) MIDDLE AMERICA. C) AREA OF INFORMATION. D) DATA FOR 1970 THROUGH 1980 EXCLUDE ANGUILLA.

Table III-4  
 NUMBER OF MATERNAL DEATHS WITH RATES PER 10,000 LIVE BIRTHS, BY  
 COUNTRY, 1960 AND 1970-1974

AREA	NUMBER						RATE					
	1960	1970	1971	1972	1973	1974	1960	1970	1971	1972	1973	1974
ANTIGUA	10	3	-	-	1	3	53.2	19.5	-	-	8.0	23.5
ARGENTINA	512	757	...	...	...	...	10.8	13.9	...	...	...	...
BAHAMAS	...	4	3	6	5	5	...	9.4	6.7	12.8	11.3	11.4
BARBADOS	17	7	7	4	5	7	21.7	14.3	13.5	7.5	9.9	14.4
BELIZE	6	2	2	4	1	3	14.7	4.5	4.0	8.1	2.0	...
BERMUDA	-	1	-	-	1	-	-	9.4	-	-	10.9	-
BOLIVIA	...	...	...	...	...	...	...	...	...	...	...	...
BRAZIL	...	...	...	...	...	...	...	...	...	...	...	...
CANADA	215	75	66	54	37	34	4.5	2.0	1.8	1.6	1.1	1.0
CAYMAN ISLANDS	...	-	...	-	-	1	...	-	...	-	-	35.6
CHILE	845	439	389	452	365	326	29.9	16.8	14.2	16.3	13.2	12.2
COLOMBIA	1553	1076	...	1227	1262	1240	25.9	15.9	...	16.5	17.0	16.8
COSTA RICA	74	55	45	53	48	29	12.6	9.5	8.0	9.2	9.0	5.1
CUBA	250	173	173	129	125	117	11.6	7.3	6.8	5.2	5.5	5.8
DOMINICA	6	1	1	1	-	812	21.3	4.0	3.7	3.9	-	...
DOMINICAN REPUBLIC	111	167	160	174	157	165	10.1	10.2	9.9	9.8	7.6	9.9
ECUADOR	557	529	495	486	471	498	27.0	23.0	20.3	20.0	19.3	20.4
EL SALVADOR	210	143	162	180	142	151	17.3	10.1	10.5	11.7	9.1	9.5
FALKLAND ISLANDS	-	...	1	1	-	-	-	...	263.2	256.4	-	-
FRENCH GUIANA	3	3	1	-	-	-	29.2	18.9	6.2	-	-	-
GRENADA	5	-	...	5	...	2	12.5	-	...	17.0	...	7.3
GUADELOUPE	14	...	13	6	5	22	13.4	...	12.9	6.1	5.3	24.9
GUATEMALA	433	333	366	330	...	405	23.2	15.7	15.9	13.7	...	16.0
GUYANA	...	...	23	...	...	...	...	...	10.0	...	...	...
HAITI	...	...	...	...	...	...	...	...	...	...	...	...
HONDURAS	255	186	198	243	178	160	31.0	17.4	16.9	19.9	14.7	12.7
JAMAICA	137	68	90	80	...	...	20.0	10.6	13.6	12.1	...	...
MARTINIQUE	4	13	10	...	2	812	3.8	14.0	10.9	...	2.6	...
MEXICO	3102	3050	3266	3054	3048	2883	19.3	14.3	14.6	13.0	11.7	11.1
MONTSERRAT	2	...	1	-	-	...	55.7	...	37.2	-	-	...
NETHERLANDS ANTILLES	...	...	...	...	...	...	...	...	...	...	...	...
NICARAGUA	103	...	...	...	75	78	16.1	...	...	...	9.4	5.2
PANAMA	85	72	63	61	54	44	20.5	13.5	11.5	11.1	10.4	8.3
PARAGUAY C)	90	175	127	133	138	157	32.7	55.9	39.8	41.6	46.0	52.5
PERU	...	1030	964	933	1005	...	...	21.5	19.5	23.2	19.9	...
PUERTO RICO	38	18	20	27	9	19	5.0	2.7	2.8	3.9	1.3	2.7
ST. KITTS-NEVIS AND ANGUILLA D)	6	2	1	1	1	-	24.7	17.3	9.0	8.1	8.4	-
ST. LUCIA	14	3	3	2	3	2	33.0	6.1	7.1	4.7	7.0	5.1
ST. PIERRE AND MIQUELON	...	...	...	...	...	...	...	...	...	...	...	...
ST. VINCENT	5	3	2	3	2	2	12.5	9.0	5.4	8.1	6.2	5.9
SURINAME	16	9	9	4	10	9	13.7	7.1	6.5	2.7	...	...
TRINIDAD AND TOBAGO	43	34	38	42	38	31	13.1	13.5	14.6	15.0	14.5	11.9
TURKS AND CAICOS ISLANDS	...	...	...	...	1	...	...	...	...	...	53.8	...
UNITED STATES	1579	803	668	612	477	462	3.7	2.2	1.9	1.9	1.5	1.5
URUGUAY	71	50	46	34	37	41	11.7	7.7	7.0	5.5	5.8	6.3
VENEZUELA	353	362	374	391	376	307	10.4	9.2	9.2	9.6	9.3	7.1
VIRGIN ISLANDS (UK)	-	-	1	-	1	...	-	-	33.2	-	40.8	...
VIRGIN ISLANDS (US)	-	...	3	3	2	...	-	...	10.3	10.4	7.5	...
NORTHERN AMERICA	1794	879	734	666	515	496	3.8	2.1	1.9	1.8	1.5	1.4
MIDDLE AMERICA	4930	4337	4628	4408	3903	4126	18.1	13.2	13.3	12.2	10.7	10.8
CARIBBEAN	662	456	526	483	357	376	12.0	8.4	8.4	7.7	6.3	7.6
CONTINENTAL	4268	3841	4102	3925	3546	3750	19.7	14.2	14.4	13.2	11.6	11.2
SOUTH AMERICA	4000	4430	2429	3661	3654	2569	20.0	16.4	15.6	16.8	16.1	14.4
TROPICAL	2572	3184	1993	3174	3252	2202	21.7	17.4	16.4	17.2	16.9	15.2
TEMPERATE	1428	1246	436	487	402	367	17.5	14.3	12.8	14.3	11.8	11.0

NOT INCLUDED IN TOTAL FOR A) MIDDLE AMERICA, B) SOUTH AMERICA. C) AREA OF INFORMATION. D) DATA FOR 1970 THROUGH 1974 EXCLUDE ANGUILLA.

Table III-4  
NUMBER OF MATERNAL DEATHS WITH RATES PER 10,000 LIVE BIRTHS, BY COUNTRY, 1975-1980

AREA	NUMBER						RATE					
	1975	1976	1977	1978	1979	1980	1975	1976	1977	1978	1979	1980
ANTIGUA	2	3	2	1	...	...	14.7	19.7	14.0	7.5	...	...
ARGENTINA	...	...	605	562	...	...	...	...	9.1	8.5	...	...
BAHAMAS	2	5	3	...	2	-	5.0	9.4	6.2	...	3.7	-
BARBADOS	1	2	7	3	3	1	2.1	4.4	15.6	6.9	7.0	2.4
BELIZE	2	A) 2	A) 2	...	A) 3	...	3.8	...	...	...	...	...
BERMUDA	-	-	-	-	...	...	-	-	-	-	...	...
BOLIVIA	...	...	...	...	...	...	...	...	...	...	...	...
BRAZIL	...	...	...	...	...	...	...	...	...	...	...	...
CANADA	27	22	18	23	...	...	0.8	0.6	0.5	0.6	...	...
CAYMAN ISLANDS	...	...	...	...	-	...	...	...	...	...	-	...
CHILE	336	284	246	218	176	185	13.1	11.5	10.2	9.2	7.3	7.3
COLUMBIA	1116	1146	1077	...	...	...	15.2	15.7	13.4	...	...	...
COSTA RICA	41	35	34	26	29	...	6.9	5.9	5.3	3.8	4.2	...
CUBA	132	89	83	67	74	A) 72	6.8	4.7	4.9	4.6	5.2	...
DOMINICA	-	-	...	2	A) 2	...	-	-	...	11.5	...	...
DOMINICAN REPUBLIC	151	114	142	104	...	...	9.3	6.8	7.6	5.6	...	...
ECUADOR	471	475	444	498	...	...	21.3	17.3	16.1	21.6	...	...
EL SALVADOR	148	131	153	...	...	...	9.3	7.9	8.6	...	...	...
FALKLAND ISLANDS	...	...	-	...	-	...	...	...	-	...	-	...
FRENCH GUIANA	B) 1	-	1	1	-	...	...	-	6.8	6.7	-	...
GRENADA	1	3	1	3	...	1	3.5	11.1	3.8	11.9	...	3.9
GUADELOUPE	...	4	6	6	...	...	...	5.8	9.5	10.6	...	...
GUATEMALA	352	385	344	343	445	276	14.1	14.4	12.1	12.1	15.0	9.6
GUYANA	B) 22	32	24	...	...	...	...	15.3	10.4	...	...	...
HAITI	...	...	...	...	...	...	...	...	...	...	...	...
HONDURAS	128	178	166	165	129	...	9.9	13.4	11.4	11.3	8.2	...
JAMAICA	...	...	...	...	...	...	...	...	...	...	...	...
MARTINIQUE	2	...	...	...	...	...	2.7	...	...	...	...	...
MEXICO	2558	2561	...	...	...	...	11.3	11.9	...	...	...	...
MONTSERRAT	1	...	...	-	-	-	46.9	...	...	-	-	-
NETHERLANDS ANTILLES	...	...	...	...	...	...	...	...	...	...	...	...
NICARAGUA	87	78	84	...	...	...	9.4	8.4	8.5	...	...	...
PANAMA	46	51	36	48	...	38	8.6	9.2	6.8	9.0	...	7.3
PARAGUAY C)	136	185	149	151	B) 171	164	47.8	62.7	46.8	45.8	...	46.9
PERU	802	620	740	690	...	...	18.9	14.0	17.0	15.3	...	...
PUEBLO RICO	11	9	10	...	8	11	1.6	1.2	1.3	...	1.1	1.5
ST. KITTS-NEVIS AND ANGUILLA D)	4	2	1	1	1	1	36.4	17.6	8.3	9.4	8.3	8.5
ST. LUCIA	4	2	2	2	...	...	9.7	4.9	4.9	4.8	...	...
ST. PIERRE AND MIQUELON	-	-	...	...	...	...	-	-	...	...	...	...
ST. VINCENT	...	...	-	2	3	...	...	...	-	6.2	8.5	...
SURINAME	11	B) 9	5	14	3	...	11.0	...	4.5	13.1	2.8	...
TRINIDAD AND TOBAGO	33	31	22	...	...	...	12.9	11.4	8.1	...	...	...
TURKS AND CAICOS ISLANDS	...	...	...	...	-	...	...	...	...	...	-	...
UNITED STATES	403	390	373	321	...	...	1.3	1.2	1.1	1.0	...	...
URUGUAY	41	39	34	32	...	...	6.9	5.9	5.9	4.9	...	...
VENEZUELA	305	329	348	310	292	319	6.8	7.2	7.5	6.4	6.0	6.5
VIRGIN ISLANDS (UK)	-	-	-	-	...	...	-	-	-	-	...	...
VIRGIN ISLANDS (US)	...	...	...	...	...	7	...	...	...	...	...	27.5
NORTHERN AMERICA	430	412	391	344	...	...	1.2	1.2	1.1	0.9	...	...
MIDDLE AMERICA	3706	3683	1096	773	694	335	10.7	10.8	8.4	8.5	9.2	7.9
CARIBBEAN	344	264	279	191	91	21	7.2	5.5	5.8	5.4	3.9	2.5
CONTINENTAL	3362	3419	817	582	603	314	11.2	11.7	9.9	10.6	11.5	9.3
SOUTH AMERICA	3218	3110	3673	2476	471	668	14.7	13.7	12.2	11.4	6.4	8.6
TROPICAL	2841	2787	2788	1664	295	483	15.2	14.3	13.6	13.8	6.0	9.2
TEMPERATE	377	323	885	812	176	185	11.9	10.3	9.2	8.4	7.3	7.3

NOT INCLUDED IN TOTAL FOR A) MIDDLE AMERICA, B) SOUTH AMERICA. C) AREA OF INFORMATION. D) EXCLUDES ANGUILLA.



Table IV-1  
NUMBER OF HOSPITALS BY TYPE AND COUNTRY, AROUND 1978

Country	Year	Total	Short-stay hospitals					Other hospitals				
			Total	General	Mater- nity	Pedia- trics	Other	Total	Tuber- culosis	Mental diseases	Leprosy	Other
Antigua	1978	5	3	3	-	-	-	2	-	1	1	-
Argentina	1973	2 864	2 743	2 486	216	31	10	121	31	57	7	26
Bahamas	1978	6	3	3	-	-	-	3	-	1	1	1
Barbados	1978	13	5	4	1	-	-	8	-	1	1	6 (a)
Belize	1976	13	10	10	-	-	-	3	1	1	-	1 (b)
Bermuda	1978	2	1	1	-	-	-	1	-	1	-	-
Bolivia	1975	327	306	304	...	2 (c)	...	21 (d)	...	...	...	21 (d)
Brazil (e)	1973	4 431	3 463	3 144	195	124	-	604	109	281	34	180
Canada	1977	1 371	1 064	963	2	8	91	307	-	56	-	251
Cayman Islands	1978	2	2	2	-	-	-	-	-	-	-	-
Chile	1978	293	259	237	11	7	4	34	4	14	-	16
Colombia (f)	1978	809	761	712	20	19	10	48	11	30	2	5
Costa Rica	1977	37	29	27	1	1	-	8	-	2	1	5
Cuba	1978	248	220	140	58	21	1	28	1	13	1	13
Dominica	1974	5	4	4	-	-	-	1	-	-	1	-
Dominican Republic	1973	311	305	288	6	8	3	6	2	1	1	2
Ecuador	1973	221	202	164	28	6	4	19	10	4	3	2
El Salvador (g)	1978	67	60	54	3	3	-	7	2	4	-	1
Falkland Islands	1974	1	1	1	-	-	-	-	-	-	-	-
French Guiana	1978	7	6	6	-	-	-	1	-	1	-	-
Grenada	1971	7	4	4	-	-	-	3	1	1	1	-
Guadeloupe	1977	26	23	23	-	-	-	3	1	1	1	-
Guatemala	1973	114	81	75	2	2	2	33	5	1	1	26
Guyana (h)	1978	37	33	33	-	-	-	4	1	1	1	1
Haiti	1976	49	45	42	2	1	-	4	3	1	-	-
Honduras	1978	43	40	39	1	-	-	3	1	2	-	-
Jamaica	1974	33	29	27	1	1	-	4	1	1	1	1
Martinique	1974	15	13	9	4	-	-	2	1	1	-	-
Mexico	1974	1 585	1 545	1 382	100 (i)	31	32	40	2	28	1	9
Montserrat	1975	1	1	1	-	-	-	-	-	-	-	-
Nicaragua	1976	67	62	62	-	-	-	5	2	1	1	1
Netherland Antilles	1968	8	6	...	...	...	...	2	1	1	-	-
Panama (j)	1977	78	77	75	-	1	1	1	-	1	-	-
Paraguay	1976	214	210	206	1	-	3	4	1	1	1	1
Peru	1973	435	421	408	10	1	2	14	3	6	1	4
Puerto Rico	1973	132	120	119	-	-	1	12	4	3	1	4
Saint Lucia	1976	6	5	4	-	-	1	1	-	1	-	-
St. Kitts-Nevis-												
Anguila	1977	6	4	4	-	-	-	2	-	1	1	-
St. Pierre et Miquelon	1976	1	1	1	-	-	-	-	-	-	-	-
St. Vincent	1974	8	4	4	-	-	-	4	1	1	1	1
Suriname	1975	15	13	13	-	-	-	2	1	1	-	-
Trinidad and Tobago (k)	1978	13	11	11	-	-	-	2	1	1	-	-
Turks & Caicos Islands	1979	1	1	1	-	-	-	-	-	-	-	-
United States	1977	7 234	6 364	6 322	20	-	22	870	19	512	...	339
Uruguay	1971	149	141	...	...	...	...	8	...	...	...	...
Venezuela	1977	403	364	338 (l)	7	12	7	39	7	22	2	8
Virgin Islands (UK)	1977	2	2	1	-	-	1	-	-	-	-	-
Virgin Islands (US)	1966	3	3	3	-	-	-	-	-	-	-	-
Northern America		8 608	7 430	7 287	22	8	113	1 178	19	569	-	590
Latin America	(m)	13 140	11 640	10 473	667	271	82	1 108	208	488	67	335
Middle America		2 904	2 717	2 421	179	69	42	189	30	70	16	71
South America	(m)	10 206	8 923	8 052	488	202	40	919	178	418	51	264

(a) Mainly accommodate chronically ill, handicapped and welfare patients. (b) Includes hospitals for the care of the aged and infirm. (c) Incomplete data. (d) Type of hospital unspecified; data may include other short-stay hospitals. (e) Data on distribution by type of hospitals refer 1971. (f) Provisional data. (g) Excludes 4 hospitals and an unspecified number of beds available on a contractual basis. (h) Excludes 15 health centers and clinics with 110 beds. (i) Includes hospitals for gynecology-obstetrics and maternity-pediatrics. (j) Provisional data and include 28 health centers and clinics with 231 beds. (k) Excludes 14 private health establishments, including hospitals and nursing homes with 292 beds. (l) Includes 76 general health centers with beds. (m) Includes 364 hospitals not in distribution.

Table IV-2  
NUMBER OF HOSPITAL BEDS BY TYPE OF HOSPITAL, WITH RATIOS PER 1,000 POPULATION,  
BY COUNTRY, AROUND 1978

Country	Year	All hospitals		Short-stay hospitals					Other hospitals					
		Total	Ratio	Total	Ratio	General	Mater- nity	Pedia- trics	Other	Total	Tuber- culosis	Mental diseases	Leprosy	Others
Antigua	1978	467	6.3	227	3.1	227	-	-	-	240	-	200	40	-
Argentina	1973	133 847	5.4	103 380	4.2	96 908	3 300	2 947	225	30 467	5 434	20 847	1 600	2 586
Bahamas	1978	879	3.9	495	2.2	495	-	-	-	384	-	210	24	150
Barbados	1978	2 187	8.7	681	2.7	661	20	-	-	1 506	-	637	8	861(a)
Belize	1976	657	4.6	408	2.8	408	-	-	-	249	52	139	-	58(b)
Bermuda	1978	387	6.6	230	3.9	230	-	-	-	157	-	157	-	-
Bolivia	1975	10 361	1.8	8 685(c)	1.5	8 610	...	75(c)	...	1 676(d)	...	...	...	1 676
Brazil (e)	1973	382 952	3.8	212 594	2.1	147 949	34 736	29 909	-	154 928	23 940	80 176	17 051	33 761
Canada	1977	207 666	8.9	163 682	7.0	160 279	221	2 812	370	43 984	-	15 793	-	28 191
Cayman Islands	1978	40	3.3	40	3.3	40	-	-	-	-	-	-	-	-
Chile	1978	38 622	3.6	32 827	3.0	30 638	241	1 338	610	5 795	468	4 265	-	1 062
Colombia (f)	1978	43 098	1.7	36 266	1.4	33 330	386	1 697	853	6 832	1 253	5 144	67	368
Costa Rica	1977	7 163	3.5	5 088	2.5	4 483	120	485	-	2 075	-	1 603	30	442
Cuba	1978	38 751	4.0	30 111	3.1	19 274	5 486	5 204	147	8 640	188	6 534	333	1 585
Dominica	1974	318	4.3	312	4.2	312	-	-	-	6	-	-	6	-
Dominican Republic	1973	12 507	2.8	10 747	2.4	9 641	386	692	28	1 760	428	700	132	500
Ecuador	1973	13 594	2.1	10 444	1.6	8 732	844	640	228	3 150	1 083	1 788	207	72
El Salvador (g)	1978	7 668	1.8	6 036	1.4	5 210	367	435	24	1 632	536	1 026	-	70
Falkland Islands	1974	27	13.5	27	13.5	27	-	-	-	-	-	-	-	-
French Guiana	1978	724	11.0	570	8.6	570	-	-	-	154	-	154	-	-
Grenada	1971	650	6.9	306	3.3	306	-	-	-	344	40	180	-	124
Guadeloupe	1977	4 193	11.5	3 316	9.1	3 316	-	-	-	877	211	486	180	-
Guatemala	1973	11 403	2.0	8 451	1.5	7 455	547	339	110	2 952	823	973	60	1 096
Guyana (h)	1978	3 666	4.5	2 258	2.8	2 258	-	-	-	1 408	154	450	354	450
Haiti	1976	3 643	0.8	3 279	0.7	2 963	116	200	-	364	306	58	-	-
Honduras	1978	4 634	1.3	3 949	1.1	3 452	497	-	-	685	321	364	-	-
Jamaica	1974	7 657	3.8	4 188	2.1	3 752	176	260	-	3 469	232	3 000	185	52
Martinique	1974	3 317	10.2	2 467	6.9	2 467	-	-	-	850	200	650	-	-
Mexico	1974	67 363	1.2	59 012	1.0	46 035	2 350(i)	2 469	8 158	8 351	723	6 306	422	900
Montserrat	1975	57	4.7	57	4.7	57	-	-	-	-	-	-	-	-
Netherland Antilles	1968	1 969	9.2	1 259	5.9	...	...	...	...	710	210	500	-	-
Nicaragua	1976	4 850	2.2	3 801	1.7	3 801	-	-	-	1 049	479	435	75	60
Panama (j)	1977	6 836	3.9	5 978	3.4	5 322	-	345	311	858	-	858	-	-
Paraguay	1976	4 209	1.5	3 266	1.2	3 066	110	-	90	943	300	495	100	48
Peru	1973	29 086	2.0	26 849	1.8	25 471	644	722	12	2 237	112	1 661	8	456
Puerto Rico	1973	12 194	4.1	9 093	3.1	9 069	-	-	24	3 101	915	1 626	32	528
Saint Lucia	1976	572	5.2	410	3.7	398	-	-	-	12	162	-	162	-
St. Kitts-Nevis Anguila	1977	287	4.3	271	4.0	271	-	-	-	16	-	6	10	-
St. Pierre and Miquelon	1976	78	15.6	78	15.6	78	-	-	-	-	-	-	-	-
St. Vincent	1974	541	5.9	264	2.9	264	-	-	-	277	50	75	22	130
Suriname	1975	2 258	5.4	1 608	3.8	1 608	-	-	-	650	100	550	-	-
Trinidad and Tobago (k)	1978	3 727	3.3	2 044	1.8	2 044	-	-	-	1 683	279	1 404	-	-
Turks and Caicos Islands	1979	21	3.5	21	3.5	21	-	-	-	-	-	-	-	-
United States	1977	1 365 626	6.3	1 075 833	5.0	1 073 167	1 252	-	1 414	289 793	3 281	227 709	...	58 803
Uruguay	1971	16 603	5.7	10 460	3.6	...	...	...	...	6 143	...	...	...	...
Venezuela	1977	42 960	3.4	35 588	2.8	33 264(l)	927	1 134	263	7 372	1 102	4 645	500	1 125
Virgin Islands (UK)	1977	42	3.5	42	3.5	42	-	-	-	-	-	-	-	-
Virgin Islands (US)	1966	248	4.6	248	4.6	248	-	-	-	-	-	-	-	-
Northern America		1 573 757	6.5	1 239 823	5.1	1 233 754	1 473	2 812	1 784	333 934	3 281	243 659	-	86 994
Latin America		926 848(m)	3.0	647 423	2.1	524 465	51 253	48 891	11 095	263 995	39 939	148 307	21 446	48 160
Middle America		204 841	1.9	162 601	1.5	132 034	10 065	10 429	8 814	42 240	5 993	28 132	1 559	6 556
South America		722 007(m)	3.5	484 822	2.3	392 431	41 188	38 462	2 281	221 755	33 946	120 175	19 887	41 604

(a) Mainly accommodate chronically ill, handicapped and welfare patients. (b) Includes hospitals for the care of the aged and infirm. (c) Incomplete data. (d) Type of hospital unspecified; data may include other short-stay hospitals. (e) Data on distribution by type of hospitals refer 1971. (f) Provisional data. (g) Excludes 4 hospitals and an unspecified number of beds available on a contractual basis. (h) Excludes 15 health centers and clinics with 110 beds. (i) Includes hospitals for gynecology-obstetrics and maternity-pediatrics. (j) Provisional data and include 28 health centers and clinics with 231 beds. (k) Excludes 14 private health establishments, including hospitals and nursing homes with 292 beds. (l) Includes 76 general health centers with beds. (m) Includes 15 430 beds that are not in the distribution.

Table IV-3  
NUMBER AND PERCENTAGE DISTRIBUTION OF HOSPITALS, BY OWNERSHIP AND COUNTRY,  
AROUND 1978

Country	Year	Total	Ministry of Health		Social Security		Other Public		Private	
			Number	Per cent	Number	Per cent	Number	Per cent	Number	Per cent
Antigua	1978	5	4	80.0	-	-	-	-	1	20.0
Argentina	1973	2 864	124	4.3	87	3.0	1 083	37.8	1 570	54.8
Bahamas	1978	6	5	83.3	-	-	-	-	1	16.6
Barbados	1978	13	10	76.9	-	-	-	-	3	23.0
Belize	1976	13	11	84.6	-	-	-	-	2	15.4
Bermuda	1978	2	2	100.0	-	-	-	-	-	-
Bolivia	1975	327	172	52.6	72	22.0	6	1.8	77	23.5
Brazil	1971	4 067	142	3.5	-	-	518	12.7	3 407	83.8
Canada	1977	1 371	125	9.1	-	-	1 163 (a)	84.8	83	6.1
Cayman Islands	1978	2	2	100.0	-	-	-	-	-	-
Chile	1978	293	219	74.7	-	-	17 (a)	5.8	57	19.5
Colombia	1978	809	597	73.8	35	4.3	22	2.7	155	19.2
Costa Rica	1977	37	7	18.9	27	72.9	-	-	3	8.1
Cuba	1978	248	248	100.0	-	-	-	-	-	-
Dominica	1974	5	5	100.0	-	-	-	-	-	-
Dominican Republic	1973	311	82	26.4	13	4.2	15	4.8	201	64.6
Ecuador	1973	221	72	32.6	12	5.4	20	9.0	117	52.9
El Salvador	1978	67	22	32.8	18	26.9	2	3.0	25	37.3
Falkland Islands	1977	1	1	100.0	-	-	-	-	-	-
French Guiana	1978	7	3	42.9	-	-	2	28.6	2	28.6
Guadeloupe	1971	26	8	30.8	-	-	2	7.7	16	61.5
Guatemala	1973	114	43	37.7	34	29.8	-	-	37	32.5
Guyana	1978	37	25	67.6	-	-	5	13.5	7	18.9
Haiti	1976	49	32	65.3	1	2.0	-	-	16	32.7
Honduras	1978	43	18	41.9	2	4.6	-	-	23	53.5
Mexico	1971	1 521	653	42.9	333	21.9	77	5.1	458	30.1
Nicaragua	1976	67	-	-	4	6.0	28	41.8	35	52.2
Panama (b)	1977	78	57	73.1	7	9.0	-	-	14	17.9
Paraguay	1976	214	92	43.0	22	10.3	82	38.3	18	8.4
Peru	1973	435	177	40.7	20	4.6	64	14.7	174	40.0
Puerto Rico	1973	132	76	57.6	-	-	8	6.1	48	36.4
Saint Lucia	1976	6	5	83.3	-	-	-	-	1	16.7
St. Kitts, Nevis and Anguilla (c)	1977	6	6	100.0	-	-	-	-	-	-
St. Pierre and Miquelon	1976	1	1	100.0	-	-	-	-	-	-
St. Vincent	1974	8	8	100.0	-	-	-	-	-	-
Suriname	1975	15	7	46.7	-	-	1	6.7	7	46.7
Trinidad and Tobago (d)	1978	27	13	48.1	-	-	-	-	14	51.9
Turks and Caicos Islands	1979	1	1	100.0	-	-	-	-	-	-
United States	1977	7 234	58	0.8	-	-	2 583	35.7	4 593	63.5
Uruguay	1971	149	65	43.6	...	...	...	...	...	...
Venezuela	1976	386	108	28.0	18	4.7	57	14.8	203	52.6
Virgin Islands (UK)	1977	2	1	50.0	-	-	-	-	1 (e)	50.0
<b>Northern America</b>		<b>8 608</b>	<b>186</b>	<b>2.1</b>	<b>-</b>	<b>0.0</b>	<b>3 746</b>	<b>43.5</b>	<b>4 676</b>	<b>54.3</b>
<b>Latin America (f)</b>		<b>12 463</b>	<b>3 056</b>	<b>24.5</b>	<b>705</b>	<b>5.6</b>	<b>2 009</b>	<b>16.1</b>	<b>6 693</b>	<b>53.7</b>
<b>Middle America</b>		<b>2 787</b>	<b>1 317</b>	<b>47.3</b>	<b>439</b>	<b>15.7</b>	<b>132</b>	<b>4.7</b>	<b>899</b>	<b>32.2</b>
<b>South America (f)</b>		<b>9 676</b>	<b>1 739</b>	<b>18.1</b>	<b>266</b>	<b>2.7</b>	<b>1 877</b>	<b>19.3</b>	<b>5 794</b>	<b>59.9</b>

(a) Includes University Hospitals. (b) Provisional data. (c) Includes 1 cottage hospital with 25 beds. (d) Includes 14 private sector hospitals and nursing homes, with 292 beds. (e) 1976 data. (f) Excludes Uruguay.

Note: Figures reflect the availability of data by hospital size and may differ from that given in other tables.

Table IV-4  
NUMBER AND PERCENTAGE DISTRIBUTION OF HOSPITAL BEDS BY OWNERSHIP AND  
COUNTRY, AROUND 1978

Country	Year	Total	Ministry of health		Social security		Other public		Private	
			Number	Per cent	Number	Per cent	Number	Per cent	Number	Per cent
Antigua	1978	479	467	97.5	-	-	-	-	12	2.5
Argentina	1973	133 847	29 310	21.9	4 977	3.7	69 465	51.9	30 095	22.5
Bahamas	1978	879	855	97.3	-	-	-	-	24	2.7
Barbados	1978	2 187	2 067	94.5	-	-	-	-	120	5.5
Belize	1976	657	622	94.7	-	-	-	-	35	5.3
Bermuda	1978	387	387	100.0	-	-	-	-	-	-
Bolivia	1975	10 361	5 196	50.1	3 403	32.8	216	2.1	1 546	14.9
Brazil	1971	367 522	23 496	6.4	-	-	101 105	27.5	242 921	66.1
Canada	1977	207 666	4 936	2.4	-	-	198 985 (a)	95.8	3 745	2.7
Cayman Islands	1978	40	40	100.0	-	-	-	-	-	-
Chile	1978	38 622	33 767	87.4	-	-	2 601 (a)	6.3	2 254	5.8
Colombia	1978	43 098	30 064	69.8	4 302	10.0	1 916	4.4	6 816	15.8
Costa Rica	1977	7 163	261	3.6	6 762	94.4	-	-	140	2.0
Cuba	1977	38 751	37 851	100.0	-	-	-	-	-	-
Dominica	1974	318	318	100.0	-	-	-	-	-	-
Dominican Republic	1973	12 507	6 999	56.0	2 006	16.0	582	4.7	2 920	23.3
Ecuador	1973	13 594	6 019	44.3	1 038	7.6	1 788	13.2	4 749	34.9
El Salvador	1978	7 668	5 921	77.2	845	11.0	190	2.5	712	9.3
Falkland Islands	1977	27	27	100.0	-	-	-	-	-	-
French Guiana	1978	724	559	77.2	-	-	121	16.7	44	6.0
Guadeloupe	1971	3 566	2 161	60.6	-	-	200	5.6	1 205	33.8
Guatemala	1973	11 403	8 449	74.1	2 154	18.9	-	-	800	7.0
Guyana	1978	3 666	3 094	84.4	-	-	222	6.1	350	9.5
Haiti	1976	3 643	2 523	69.3	55	1.5	-	-	1 065	29.2
Honduras	1978	4 634	3 111	67.1	466	10.1	-	-	1 057	22.8
Mexico	1971	62 566	18 402	29.4	30 068	48.1	5 276	8.4	8 820	14.1
Nicaragua	1976	4 850	-	-	227	4.7	3 856	79.5	767	15.8
Panama (b)	1977	6 836	4 964	72.6	1 403	20.5	-	-	469	6.9
Paraguay	1976	4 209	1 390	33.0	692	16.4	1 944	46.2	183	4.3
Peru	1973	29 086	13 318	45.8	3 840	13.2	6 992	24.0	4 936	17.0
Puerto Rico	1973	12 194	6 230	51.1	-	-	1 173	9.6	4 791	39.3
Saint Lucia	1976	572	462	80.8	-	-	-	-	110	19.2
St. Kitts, Nevis and Anguilla (c)	1977	287	287	100.0	-	-	-	-	-	-
St. Pierre and Miquelon	1976	78	78	100.0	-	-	-	-	-	-
St. Vincent	1974	541	541	100.0	-	-	-	-	-	-
Suriname	1975	2 258	1 136	50.3	-	-	516	22.9	606	26.8
Trinidad and Tobago (d)	1978	4 019	3 727	92.7	-	-	-	-	292	7.3
Turks and Caicos Islands	1979	21	21	100.0	-	-	-	-	-	-
United States	1977	1 365 626	4 611	0.3	-	-	555 356	40.7	805 659	59.0
Uruguay	1971	16 603	12 436	74.9	...	...	...	...	...	...
Venezuela	1976	36 126	21 785	60.3	2 897	8.0	5 414	15.0	6 030	16.7
Virgin Islands (UK)	1977	42	34	80.9	-	-	-	-	8 (e)	19.0
Northern America		1 573 757	10 012	0.6	-	-	754 341	47.9	809 404	51.4
Latin America (f)		868 963	276 374	31.8	65 135	7.5	203 577	23.4	323 877	37.3
Middle America		185 823	107 213	57.7	43 986	23.6	11 277	6.0	23 347	12.5
South America (f)		683 140	169 161	24.8	21 149	3.1	192 300	28.1	300 530	44.0

(a)Includes university hospitals. (b)Provisional data. (c)Includes 1 cottage hospital with 25 beds. (d)Includes 14 private sector hospitals and nursing homes, with 292 beds. (e)Provisional 1976 data. (f)Excludes Uruguay.

Note: Figures reflect the availability of data by hospital size and may differ from that given in other tables.

Table IV-5  
 NUMBER AND PERCENTAGE DISTRIBUTION OF ALL TYPES OF SHORT-STAY HOSPITALS,  
 BY SIZE AND COUNTRY, AROUND 1978

Country	Year	Total	Under 50 beds		50-99 beds		100-499 beds		500 and more beds	
			Number	Per cent	Number	Per cent	Number	Per cent	Number	Per cent
Antigua	1978	3	2	66.6	-	-	1	33.3	-	-
Argentina	1973	950	626	65.9	142	14.9	161	16.9	21	2.2
Bahamas	1978	3	1	33.3	1	33.3	1	33.3	-	-
Barbados	1978	5	3	-	-	-	1	-	1	-
Belize	1976	10	8	80.0	1	10.0	1	10.0	-	-
Bermuda	1975	1	-	-	-	-	1	100.0	-	-
Brazil	1973	4 431	2 477	55.9	964	21.8	914	20.6	76	1.7
Canada (a)	1975	980	503	51.3	145	14.8	238	24.3	94	9.6
Cayman Islands	1975	2	2	100.0	-	-	-	-	-	-
Chile	1978	260	118	45.4	63	24.2	64	24.6	15	5.8
Colombia (b)	1978	762	576	75.6	106	13.9	74	9.7	6	0.8
Costa Rica	1977	29	8	27.6	6	20.7	14	48.3	1	3.4
Cuba	1978	220	105	47.7	27	12.3	78	35.5	10	4.5
Dominica	1974	4	3	75.0	-	-	1	25.0	-	-
Ecuador	1973	197	147	74.6	23	11.7	26	13.2	1	0.5
El Salvador (b)	1978	56	31	55.4	10	17.8	13	23.2	2	3.6
Falkland Islands	1977	1	1	100.0	-	-	-	-	-	-
French Guiana	1978	6	2	33.3	2	33.3	2	33.3	-	-
Grenada	1974	3	1	33.3	1	33.3	1	33.3	-	-
Guadeloupe	1977	23	4	17.4	15	65.2	3	13.0	1	4.3
Guatemala	1978	44	16	36.4	8	18.2	18	40.9	2	4.5
Guyana (b)	1978	33	25	75.8	3	9.0	4	12.1	1	3.0
Honduras (b)	1978	40	20	50.0	11	27.5	8	20.0	1	2.5
Jamaica	1974	30	3	10.0	6	20.0	21	70.0	-	-
Nicaragua	1976	34	10	29.4	10	29.4	14	41.2	-	-
Panama (b)	1977	77	55	71.4	6	7.8	14	18.2	2	2.6
Peru	1973	202	105	52.0	35	17.3	52	25.7	10	5.0
Puerto Rico	1973	120	70	58.3	26	21.7	22	18.3	2	1.7
St. Kitts, Nevis and Anguilla	1977	4	3	75.0	-	-	1	25.0	-	-
Saint Lucia	1976	4	3	75.0	-	-	1	25.0	-	-
St. Pierre and Miquelon	1976	1	-	-	1	100.0	-	-	-	-
St. Vincent	1974	4	3	75.0	-	-	1	25.0	-	-
Suriname	1975	13	6	46.2	3	23.1	3	23.1	1	7.6
Trinidad and Tobago (c)	1978	11	4	36.4	4	36.4	1	9.1	2	18.2
Turks and Caicos Islands	1979	1	1	100.0	-	-	-	-	-	-
United States	1977	6 308	1 597	25.3	1 481	23.5	2 868	45.5	362	5.7
Uruguay	1976	58	25	43.1	12	20.6	19	32.8	2	3.4
Venezuela	1976	348	236	67.8	47	13.5	54	15.5	11	3.2
Virgin Islands (UK)	1978	1	1	100.0	-	-	-	-	-	-
Northern America		7 290	2 100	28.8	1 627	22.3	3 107	42.6	456	6.3
Latin America		7 989	4 701	58.8	1 532	19.2	1 588	19.9	168	2.1
Middle America		728	357	49.0	132	18.1	215	29.6	24	3.3
South America		7 261	4 344	59.8	1 400	19.3	1 373	18.9	144	2.0

(a)Includes beds from 83 full and partial teaching hospitals. (b)Provisional. (c)Includes 14 health establishments hospitals and nursing homes with 292 beds.

Note: Figures are based on data available by size of hospitals, and the total may differ from that given for short-stay hospitals in other tables.

Table IV-6  
NUMBER AND PERCENTAGE DISTRIBUTION OF BEDS IN ALL TYPES OF SHORT-STAY  
HOSPITALS, BY HOSPITAL SIZE AND COUNTRY, AROUND 1978

Country	Year	Total	Under 50 beds		50-99 beds		100-499 beds		500 and more beds	
			Number	Per cent	Number	Per cent	Number	Per cent	Number	Per cent
Antigua	1978	227	20	8.8	-	-	207	91.2	-	-
Argentina	1973	72 221	11 012	15.2	9 904	13.7	32 317	44.7	18 988	26.3
Bahamas	1978	495	24	4.8	58	11.7	413	83.4	-	-
Barbados	1978	681	40	5.9	-	-	100	14.7	541	79.4
Belize	1976	408	175	42.9	55	13.5	178	43.6	-	-
Bermuda	1975	222	-	-	-	-	222	100.0	-	-
Canada (a)	1975	127 522	11 720	9.2	-	8.0	49 997	39.2	55 646	43.6
Cayman Islands	1975	38	38	100.0	-	-	-	-	-	-
Chile	1978	32 224	2 668	8.3	4 449	13.8	14 115	43.8	10 992	34.1
Colombia (b)	1978	36 051	10 741	29.8	7 281	20.2	13 968	38.7	4 061	11.3
Costa Rica	1977	5 088	164	3.2	449	8.8	3 180	62.5	1 295	25.5
Cuba	1978	30 111	2 612	8.7	2 038	6.8	18 284	60.7	7 177	23.8
Dominica	1974	312	48	15.4	-	-	264	84.6	-	-
Ecuador	1973	10 424	2 692	25.8	1 577	15.1	5 141	49.3	1 014	9.7
El Salvador (b)	1978	6 036	636	10.5	688	11.4	3 151	52.2	1 561	25.9
Falkland Islands	1977	27	27	100.0	-	-	-	-	-	-
French Guiana	1978	570	44	7.7	121	21.2	405	71.1	-	-
Grenada	1974	309	25	8.1	60	19.4	224	72.5	-	-
Guadeloupe	1977	2 931	125	4.3	1 251	42.7	619	21.1	936	31.9
Guatemala	1978	6 385	335	5.2	621	9.7	3 700	57.9	1 729	27.1
Guyana (b)	1977	2 258	517	22.9	184	8.1	619	27.4	938	41.6
Honduras (b)	1978	3 949	453	11.5	686	17.4	2 129	53.9	681	17.2
Jamaica	1974	4 420	94	2.1	418	9.5	3 908	88.4	-	-
Nicaragua	1976	3 377	234	6.9	710	21.0	2 433	72.0	-	-
Panama (b)	1977	6 073	869	14.3	425	7.0	3 178	52.3	1 601	26.4
Peru	1973	22 094	2 182	9.9	2 440	11.0	9 620	43.5	7 852	35.5
Puerto Rico	1973	9 093	1 659	18.2	1 810	19.9	4 443	48.9	1 181	13.0
St. Kitts, Nevis and Anguilla	1977	271	107	39.4	-	-	164	60.5	-	-
Saint Lucia	1976	462	65	14.1	-	-	397	85.9	-	-
St. Pierre and Miquelon	1976	78	-	-	78	100.0	-	-	-	-
St. Vincent	1974	264	53	20.1	-	-	211	79.9	-	-
Suriname	1975	1 608	182	11.3	187	11.6	723	45.0	516	32.1
Trinidad and Tobago (c)	1978	2 044	124	6.1	273	13.4	109	5.3	1 538	75.2
Turks and Caicos Islands	1979	21	21	100.0	-	-	-	-	-	-
United States	1977	1 059 494	50 992	4.8	106 583	10.1	644 372	60.8	257 547	24.3
Uruguay	1976	6 667	742	11.1	764	11.5	3 885	58.3	1 276	19.1
Venezuela	1976	26 289	4 306	16.4	3 029	11.5	11 148	42.4	7 806	29.7
Virgin Islands (UK)	1978	34	34	100.0	-	-	-	-	-	-
Northern America		1 187 316	116 820	9.8	62 712	5.3	694 591	58.5	313 193	26.4
Latin America		293 462	39 420	13.4	43 126	14.7	139 233	47.4	71 683	24.4
Middle America		82 727	9 484	11.5	8 013	9.7	46 990	56.8	18 240	22.0
South America		210 735	29 936	14.2	35 113	16.7	92 243	43.8	53 443	25.4

(a)Includes 83 full and partial teaching hospitals. (b)Provisional. (c)Includes 14 health establishments hospitals and nursing homes with 292 beds.

Note: Figures are based on data available by size of hospitals, and the total may differ from that given for short-stay hospitals in other tables.

Table IV-7  
 NUMBER AND PERCENTAGE DISTRIBUTION OF MINISTRY OF HEALTH SHORT-STAY  
 HOSPITALS, BY SIZE AND COUNTRY, AROUND 1978

Country	Year	Total	Under 50 beds		50-99 beds		100-499 beds		500 and more beds	
			Number	Per cent	Number	Per cent	Number	Per cent	Number	Per cent
Antigua	1978	2	1	50.0	-	-	1	50.0	-	-
Argentina	1973	94	...	...	...	...	...	...	...	...
Bahamas	1978	2	-	-	1	50.0	1	50.0	-	-
Barbados	1978	2	1	50.0	-	-	-	-	1	50.0
Belize	1976	8	6	75.0	1	25.0	1	25.0	-	-
Bermuda	1975	1	-	-	-	-	1	100.0	-	-
Canada	1975	87	78	89.7	2	2.3	7	8.0	-	-
Cayman Islands	1975	2	2	100.0	-	-	-	-	-	-
Chile	1978	209	89	42.6	49	23.4	58	27.8	13	6.2
Colombia (a)	1978	569	437	76.8	77	13.5	53	9.3	2	0.4
Costa Rica	1977	5	4	80.0	-	-	1	20.0	-	-
Cuba	1978	220	105	47.7	27	12.3	78	35.5	10	4.5
Ecuador	1973	67	33	49.3	16	23.9	18	26.9	-	-
El Salvador (a)	1978	20	2	10.0	6	30.0	10	50.0	2	10.0
Falkland Islands	1977	1	1	100.0	-	-	-	-	-	-
French Guiana	1978	2	-	-	-	-	2	100.0	-	-
Grenada	1974	3	1	33.3	1	33.3	1	33.3	-	-
Guadeloupe (b)	1977	7	3	42.9	-	-	3	42.9	1	14.3
Guatemala	1978	44	16	36.4	8	18.2	18	40.9	2	4.5
Guyana (a)	1978	21	17	81.0	1	4.8	2	9.5	1	4.8
Honduras (a)	1978	15	2	13.3	7	46.7	5	33.3	1	6.7
Jamaica	1974	24	1	4.2	3	12.5	20	83.3	-	-
Mexico	1976	2 009	1 934	96.2	19	0.9	38	1.9	18	0.9
Nicaragua	1976	-	-	-	-	-	-	-	-	-
Panama	1977	56	43	76.8	3	5.4	9	16.1	1	1.8
Peru	1973	110	58	52.7	15	13.6	33	30.0	4	3.6
Puerto Rico	1973	70	56	80.0	6	8.6	7	10.0	1	1.4
St. Kitts, Nevis and Anguilla	1977	4	3	75.0	-	-	1	25.0	-	-
Saint Lucia	1976	4	3	75.0	-	-	1	25.0	-	-
St. Pierre and Miquelon	1976	1	-	-	1	100.0	-	-	-	-
St. Vincent	1974	4	3	75.0	-	-	1	25.0	-	-
Suriname	1975	5	3	60.0	1	20.0	1	20.0	-	-
Trinidad and Tobago	1978	11	4	36.4	4	36.4	1	9.1	2	18.2
Turks and Caicos Islands	1979	1	1	100.0	-	-	-	-	-	-
United States	1977	57	35	61.4	10	17.5	11	19.3	1	-
Uruguay	1976	57	25	43.9	12	21.1	19	33.3	1	1.8
Venezuela	1976	87	23	26.4	27	31.0	30	34.5	7	8.0
Virgin Islands (UK)	1978	1	1	100.0	-	-	-	-	-	-
Northern America		146	113	77.4	13	8.9	19	13.0	1	0.7
Latin America (c)		3 642	2 878	79.0	284	7.8	413	11.4	67	1.8
Middle America		2 514	2 192	87.1	86	3.4	197	7.9	39	1.6
South America (c)		1 128	686	60.8	198	17.5	216	19.1	28	2.5

(a)Provisional. (b)Excludes 15 clinics of health centers and 1 251 beds. (c)Excludes Argentina.

Note: Figures are based on data available by size of hospitals, and the total may differ from that given for short-stay hospitals in other tables.



Table IV-8  
NUMBER AND PERCENTAGE DISTRIBUTION OF BEDS IN MINISTRY OF HEALTH SHORT-STAY  
HOSPITALS, BY HOSPITAL SIZE AND COUNTRY, AROUND 1978

Country	Year	Total	Under 50 beds		50-99 beds		100-499 beds		500 and more beds	
			Number	Per cent	Number	Per cent	Number	Per cent	Number	Per cent
Antigua	1978	215	8	3.7	-	-	207	96.3	-	-
Argentina	1973	8 704	...	...	...	...	...	...	...	...
Bahamas	1978	471	-	-	58	12.3	413	87.7	-	-
Barbados	1978	561	20	3.6	-	-	-	-	541	96.4
Belize	1976	373	140	37.5	55	14.7	178	47.7	-	-
Bermuda	1975	222	-	-	-	-	222	100.0	-	-
Canada	1975	2 681	568	21.3	130	4.8	1 983	74.0	-	-
Cayman Islands	1975	38	38	100.0	-	-	-	-	-	-
Chile	1978	28 148	2 201	7.8	3 484	12.4	12 873	45.7	9 590	34.1
Colombia (a)	1978	25 560	8 066	31.6	5 434	21.3	10 710	41.9	1 350	5.3
Costa Rica	1977	191	71	37.2	-	-	120	62.8	-	-
Cuba	1978	30 111	2 612	8.7	2 038	6.8	18 284	60.7	7 177	23.8
Ecuador	1973	5 254	829	15.8	1 117	21.3	3 308	63.0	-	-
El Salvador (a)	1978	4 520	67	1.5	393	8.7	2 499	55.3	1 561	34.5
Falkland Islands	1977	27	27	100.0	-	-	-	-	-	-
French Guiana	1978	405	-	-	-	-	405	100.0	-	-
Grenada	1974	309	25	8.1	60	19.4	224	72.5	-	-
Guadeloupe (b)	1977	1 652	97	5.9	-	-	619	37.5	936	56.7
Guatemala	1978	6 385	335	5.2	621	9.7	3 700	57.9	1 729	27.1
Guyana (a)	1978	1 686	303	18.0	60	3.6	385	22.8	938	55.6
Honduras (a)	1978	2 426	42	1.7	475	19.6	1 228	50.6	681	28.1
Jamaica	1974	3 675	33	0.9	232	6.3	3 410	92.8	-	-
Mexico	1976	22 600	10 839	48.0	1 322	5.8	5 848	25.9	4 591	20.3
Nicaragua	1976	-	-	-	-	-	-	-	-	-
Panama	1977	4 106	556	13.5	215	5.2	2 453	59.7	882	21.5
Peru	1973	11 410	1 140	10.0	977	8.6	6 162	54.0	3 131	27.4
Puerto Rico	1973	4 208	1 293	30.7	367	8.7	1 933	45.9	615	14.6
St. Kitts, Nevis and Anguilla	1977	271	107	39.5	-	-	164	60.5	-	-
Saint Lucia	1976	300	65	21.7	-	-	235	78.3	-	-
St. Pierre and Miquelon	1976	78	-	-	78	100.0	-	-	-	-
St. Vincent	1974	264	53	20.1	-	-	211	79.9	-	-
Suriname	1975	486	88	18.1	72	14.8	326	67.1	-	-
Trinidad and Tobago	1978	2 044	124	6.1	273	13.4	109	5.3	1 538	-
Turks and Caicos Islands	1979	21	21	100.0	-	-	-	-	-	-
United States	1977	4 254	1 073	25.2	605	14.2	2 076	48.8	500	11.8
Uruguay	1976	6 049	742	12.3	764	12.6	3 885	64.2	658	10.9
Venezuela	1976	13 844	697	5.0	1 629	11.8	6 655	48.1	4 863	35.1
Virgin Islands (UK)	1978	34	34	100.0	-	-	-	-	-	-
Northern America		7 235	1 641	22.7	813	11.2	4 281	59.2	500	6.9
Latin America (c)		177 644	30 673	17.3	19 646	11.1	86 544	48.7	40 781	22.9
Middle America		84 937	16 580	19.5	6 051	7.1	41 624	49.0	20 251	23.9
South America (c)		92 869	14 093	15.2	13 537	14.6	44 709	48.1	20 530	22.1

(a)Provisional. (b)Excludes 15 clinics of health centers and 1 251 beds. (c)Excludes Argentina.

Note: Figures are based on data available by size of hospitals, and the total may differ from that given for short-stay hospitals in other tables.

Table IV-9  
 NUMBER AND PERCENTAGE DISTRIBUTION OF SOCIAL SECURITY SHORT-STAY HOSPITALS,  
 BY SIZE AND COUNTRY, AROUND 1978

Country	Year	Total	Under 50 beds		50-99 beds		100-499 beds		500 and more beds	
			Number	Per cent	Number	Per cent	Number	Per cent	Number	Per cent
Antigua	1978	-	-	-	-	-	-	-	-	-
Bahamas	1978	-	-	-	-	-	-	-	-	-
Barbados	1978	-	-	-	-	-	-	-	-	-
Belize	1976	-	-	-	-	-	-	-	-	-
Bermuda (a)	1975	-	-	-	-	-	-	-	-	-
Canada	1975	-	-	-	-	-	-	-	-	-
Cayman Islands	1975	-	-	-	-	-	-	-	-	-
Chile	1978	-	-	-	-	-	-	-	-	-
Colombia (a)	1978	34	15	44.1	7	20.6	9	26.5	3	8.8
Costa Rica	1977	24	4	16.7	6	25.0	13	54.2	1	4.2
Cuba	1978	-	-	-	-	-	-	-	-	-
Ecuador	1973	12	8	66.7	2	16.7	2	16.7	-	-
El Salvador (a)	1978	12 (b)	9	75.0	2	16.7	1	8.3	-	-
Falkland Islands	1977	-	-	-	-	-	-	-	-	-
French Guiana	1978	-	-	-	-	-	-	-	-	-
Grenada	1974	-	-	-	-	-	-	-	-	-
Guadeloupe	1977	-	-	-	-	-	-	-	-	-
Guatemala	1978	-	-	-	-	-	-	-	-	-
Guyana	1978	-	-	-	-	-	-	-	-	-
Haiti	1978	1	-	-	1	100.0	-	-	-	-
Honduras (a)	1978	2	-	-	-	-	2	100.0	-	-
Jamaica	1974	-	-	-	-	-	-	-	-	-
Mexico	1976	407	275	67.6	55	13.5	74	18.2	3	0.7
Nicaragua	1976	4	3	75.0	-	-	1	25.0	-	-
Panama (a)	1977	7	1	14.3	2	28.6	3	42.9	1	14.3
Peru	1973	13	-	-	5	38.5	6	46.2	2	15.4
Puerto Rico (a)	1973	-	-	-	-	-	-	-	-	-
St. Kitts, Nevis and Anguilla	1977	-	-	-	-	-	-	-	-	-
Saint Lucia	1976	-	-	-	-	-	-	-	-	-
St. Pierre and Miquelon	1976	-	-	-	-	-	-	-	-	-
St. Vincent	1974	-	-	-	-	-	-	-	-	-
Suriname	1975	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	1978	-	-	-	-	-	-	-	-	-
Turks and Caicos Islands	1979	-	-	-	-	-	-	-	-	-
United States	1977	-	-	-	-	-	-	-	-	-
Uruguay	1978	-	-	-	-	-	-	-	-	-
Venezuela	1976	18	6	33.3	3	16.7	8	44.4	1	5.6
Virgin Islands (UK)	1978	-	-	-	-	-	-	-	-	-
Latin America		534	321	60.1	83	15.5	117	21.9	13	2.4
Middle America		457	292	63.9	66	14.4	94	20.6	5	1.1
South America		77	29	37.7	17	22.1	23	29.9	8	10.4

(a) Provisional. (b) Excludes 4 hospitals used on contractual basis.

Note: Figures are based on data available by size of hospitals, and the total may differ from that given for short-stay hospitals in other tables.

Table IV-10  
 NUMBER AND PERCENTAGE DISTRIBUTION OF BEDS IN SOCIAL SECURITY SHORT-STAY  
 HOSPITALS, BY HOSPITAL SIZE AND COUNTRY, AROUND 1978

Country	Year	Total	Under 50 beds		50-99 beds		100-499 beds		500 and more beds	
			Number	Per cent	Number	Per cent	Number	Per cent	Number	Per cent
Antigua	1978	-	-	-	-	-	-	-	-	-
Bahamas	1978	-	-	-	-	-	-	-	-	-
Barbados	1978	-	-	-	-	-	-	-	-	-
Belize	1976	-	-	-	-	-	-	-	-	-
Bermuda (a)	1975	-	-	-	-	-	-	-	-	-
Canada	1975	-	-	-	-	-	-	-	-	-
Cayman Islands	1975	-	-	-	-	-	-	-	-	-
Chile	1978	-	-	-	-	-	-	-	-	-
Colombia (a)	1978	4 264	345	8.1	510	12.0	1 487	34.9	1 922	45.1
Costa Rica	1977	4 897	93	1.9	449	9.2	3 060	62.5	1 295	26.4
Cuba	1978	-	-	-	-	-	-	-	-	-
Ecuador	1973	1 038	229	22.1	121	11.7	-	-	688	66.3
El Salvador (a)	1978	714 (b)	137	19.2	145	20.3	432	60.5	-	-
Falkland Islands	1977	-	-	-	-	-	-	-	-	-
French Guiana	1978	-	-	-	-	-	-	-	-	-
Grenada	1974	-	-	-	-	-	-	-	-	-
Guadeloupe	1977	-	-	-	-	-	-	-	-	-
Guatemala	1978	-	-	-	-	-	-	-	-	-
Guyana	1978	-	-	-	-	-	-	-	-	-
Honduras (a)	1978	466	-	-	-	-	466	100.0	-	-
Jamaica	1974	-	-	-	-	-	-	-	-	-
Mexico	1976	25 819	3 235	12.5	3 738	14.5	16 582	64.2	2 264	8.8
Nicaragua	1976	227	47	20.7	-	-	180	79.3	-	-
Panama (a)	1977	1 403	46	3.3	132	9.4	506	36.1	719	51.2
Peru	1973	3 312	-	-	390	11.8	834	25.2	2 088	63.0
Puerto Rico (a)	1973	-	-	-	-	-	-	-	-	-
St. Kitts, Nevis and Anguilla	1977	-	-	-	-	-	-	-	-	-
Saint Lucia	1976	-	-	-	-	-	-	-	-	-
St. Pierre and Miquelon	1976	-	-	-	-	-	-	-	-	-
St. Vincent	1974	-	-	-	-	-	-	-	-	-
Suriname	1975	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	1978	-	-	-	-	-	-	-	-	-
Turks and Caicos Islands	1979	-	-	-	-	-	-	-	-	-
United States	1977	-	-	-	-	-	-	-	-	-
Uruguay	1978	-	-	-	-	-	-	-	-	-
Venezuela	1976	2 897	168	5.8	309	10.7	1 768	61.0	652	22.5
Virgin Islands (UK)	1978	-	-	-	-	-	-	-	-	-
Northern America		-	-	-	-	-	-	-	-	-
Latin America		45 037	4 300	9.5	5 794	12.9	25 315	56.2	9 628	21.4
Middle America		33 526	3 558	10.6	4 464	13.3	21 226	63.3	4 278	12.8
South America		11 511	742	6.4	1 330	11.6	4 089	35.5	5 350	46.5

(a) Provisional. (b) Excludes 4 hospitals used on contractual basis.

Note: Figures are based on data available by size of hospitals, and the total may differ from that given for short-stay hospitals in other tables.

Table IV-11  
 NUMBER AND PERCENTAGE DISTRIBUTION OF OTHER PUBLIC SECTOR SHORT-STAY  
 HOSPITALS, BY SIZE AND COUNTRY, AROUND 1978

Country	Year	Total	Under 50 beds		50-99 beds		100-499 beds		500 and more beds	
			Number	Per cent	Number	Per cent	Number	Per cent	Number	Per cent
Antigua	1978	-	-	-	-	-	-	-	-	-
Bahamas	1978	-	-	-	-	-	-	-	-	-
Barbados	1978	-	-	-	-	-	-	-	-	-
Belize	1976	-	-	-	-	-	-	-	-	-
Bermuda	1975	-	-	-	-	-	-	-	-	-
Canada (a)	1975	882	415	47.1	142	16.1	231	26.2	94	10.7
Cayman Islands	1975	-	-	-	-	-	-	-	-	-
Chile (b)	1978	14	9	64.3	2	14.3	2	14.3	1	7.1
Colombia (c)	1978	21	13	61.9	3	14.3	4	19.0	1	4.8
Costa Rica	1977	-	-	-	-	-	-	-	-	-
Cuba	1978	-	-	-	-	-	-	-	-	-
Dominican Republic	1975	-	-	-	-	-	-	-	-	-
Ecuador	1973	12	4	33.3	2	16.7	5	41.7	1	8.3
El Salvador (c)	1978	2	-	-	1	50.0	1	50.0	-	-
Falkland Islands	1977	-	-	-	-	-	-	-	-	-
French Guiana	1978	2	-	-	2	100.0	-	-	-	-
Grenada	1974	-	-	-	-	-	-	-	-	-
Guadeloupe	1977	-	-	-	-	-	-	-	-	-
Guatemala	1978	-	-	-	-	-	-	-	-	-
Guyana (c)	1978	-	-	-	-	-	-	-	-	-
Honduras (c)	1978	-	-	-	-	-	-	-	-	-
Jamaica	1974	1	-	-	-	-	1	100.0	-	-
Nicaragua	1976	22	3	13.6	7	31.8	12	54.5	-	-
Panama (c)	1977	-	-	-	-	-	-	-	-	-
Peru	1973	25	5	20.0	7	28.0	9	36.0	4	16.0
Puerto Rico	1973	7	3	42.9	2	28.6	1	14.3	1	14.3
St. Kitts/Nevis, Anguilla	1977	-	-	-	-	-	-	-	-	-
Saint Lucia	1976	-	-	-	-	-	-	-	-	-
Saint Pierre and Miquelon	1976	-	-	-	-	-	-	-	-	-
St. Vincent	1974	-	-	-	-	-	-	-	-	-
Suriname	1975	2	-	-	1	50.0	1	50.0	-	-
Trinidad and Tobago	1978	-	-	-	-	-	-	-	-	-
Turks and Caicos Islands	1979	-	-	-	-	-	-	-	-	-
United States	1977	2 129	793	37.2	606	28.5	616	29.9	114	5.4
Uruguay	1976	1	-	-	-	-	-	-	1	100.0
Venezuela	1976	55	36	65.5	7	12.7	9	16.4	3	5.5
Virgin Islands (UK)	1978	-	-	-	-	-	-	-	-	-
<b>Northern America</b>		<b>3 011</b>	<b>1 208</b>	<b>40.1</b>	<b>748</b>	<b>25.0</b>	<b>847</b>	<b>28.1</b>	<b>208</b>	<b>6.9</b>
<b>Latin America</b>		<b>164</b>	<b>73</b>	<b>44.5</b>	<b>34</b>	<b>20.7</b>	<b>45</b>	<b>27.4</b>	<b>12</b>	<b>7.3</b>
<b>Middle America</b>		<b>32</b>	<b>6</b>	<b>18.8</b>	<b>10</b>	<b>31.2</b>	<b>15</b>	<b>46.9</b>	<b>1</b>	<b>3.1</b>
<b>South America</b>		<b>132</b>	<b>67</b>	<b>50.8</b>	<b>24</b>	<b>18.2</b>	<b>30</b>	<b>22.7</b>	<b>11</b>	<b>8.3</b>

(a)Includes 83 full and partial teaching hospitals. (b)Includes university hospitals. (c)Provisional.

Note: Figures are based on data available by size of hospitals, and the total may differ from that given for short-stay hospitals in other tables.

Table IV-12  
NUMBER AND PERCENTAGE DISTRIBUTION OF BEDS IN OTHER PUBLIC SECTOR SHORT-  
STAY HOSPITALS, BY SIZE AND COUNTRY, AROUND 1978

Country	Year	Total	Under 50 beds		50-99 beds		100-499 beds		500 and more beds	
			Number	Per cent	Number	Per cent	Number	Per cent	Number	Per cent
Antigua	1978	-	-	-	-	-	-	-	-	-
Bahamas	1978	-	-	-	-	-	-	-	-	-
Barbados	1978	-	-	-	-	-	-	-	-	-
Belize	1976	-	-	-	-	-	-	-	-	-
Bermuda	1975	-	-	-	-	-	-	-	-	-
Canada (a)	1975	124 580	10 941	8.8	9 979	8.0	48 014	38.5	55 646	44.7
Cayman Islands	1975	-	-	-	-	-	-	-	-	-
Chile (b)	1978	2 257	141	6.2	156	6.9	558	24.7	1 402	37.1
Colombia (c)	1978	1 890	246	13.0	205	10.8	675	37.7	789	41.7
Costa Rica	1977	-	-	-	-	-	-	-	-	-
Cuba	1978	-	-	-	-	-	-	-	-	-
Dominican Republic	1975	-	-	-	-	-	-	-	-	-
Ecuador	1973	2 315	111	4.8	148	6.4	1 042	45.0	1 014	43.8
El Salvador (c)	1978	190	-	-	90	47.4	100	52.6	-	-
Falkland Islands	1977	-	-	-	-	-	-	-	-	-
French Guiana	1978	121	-	-	121	100.0	-	-	-	-
Grenada	1974	-	-	-	-	-	-	-	-	-
Guadeloupe	1977	-	-	-	-	-	-	-	-	-
Guatemala	1978	-	-	-	-	-	-	-	-	-
Guyana (c)	1978	-	-	-	-	-	-	-	-	-
Honduras (c)	1978	-	-	-	-	-	-	-	-	-
Jamaica	1974	498	-	-	-	-	498	100.0	-	-
Nicaragua	1976	2 654	59	2.2	495	18.7	2 100	79.1	-	-
Panama (c)	1978	-	-	-	-	-	-	-	-	-
Peru	1973	5 403	144	2.7	489	9.1	2 137	40.2	2 633	48.7
Puerto Rico	1973	908	88	9.7	125	13.8	129	14.2	566	62.3
St. Kitts/Nevis, Anguilla	1977	-	-	-	-	-	-	-	-	-
Saint Lucia	1976	-	-	-	-	-	-	-	-	-
Saint Pierre and Miquelon	1976	-	-	-	-	-	-	-	-	-
St. Vincent	1974	-	-	-	-	-	-	-	-	-
Suriname	1975	377	-	-	177	46.9	200	53.1	-	-
Trinidad and Tobago	1978	-	-	-	-	-	-	-	-	-
Turks and Caicos Islands	1979	-	-	-	-	-	-	-	-	-
United States	1977	292 984	25 390	8.7	42 469	14.5	135 557	46.3	89 568	30.6
Uruguay	1976	618	-	-	-	-	-	-	618	100.0
Venezuela	1976	5 316	798	15.0	426	78.0	1 801	33.9	2 291	43.1
Virgin Islands (UK)	1978	-	-	-	-	-	-	-	-	-
Northern America		417 564	36 331	8.7	52 448	12.6	183 571	44.0	145 214	34.8
Latin America		22 547	1 587	7.0	2 432	10.8	9 240	41.0	9 313	41.3
Middle America		4 250	147	3.5	710	16.7	2 827	66.5	566	13.3
South America		18 297	1 440	7.9	1 722	9.4	6 413	35.0	8 747	47.8

(a)Includes beds from 83 full and partial teaching hospitals. (b)Includes university hospitals. (c)Provisional.

Note: Figures are based on data available by size of hospitals, and the total may differ from that given for short-stay hospitals in other tables.

Table IV-13  
NUMBER AND PERCENTAGE DISTRIBUTION OF PRIVATE SECTOR STORT-STAY HOSPITALS,  
BY SIZE AND COUNTRY, AROUND 1978

Country	Year	Total	Under 50 beds		50-99 beds		100-499 beds		500 and more beds	
			Number	Per cent	Number	Per cent	Number	Per cent	Number	Per cent
Antigua	1978	1	-	100.0	-	-	-	-	-	-
Bahamas	1978	1	-	100.0	-	-	-	-	-	-
Barbados	1978	3	2	66.6	-	-	1	33.3	-	-
Belize	1976	2	2	100.0	-	-	-	-	-	-
Bermuda	1975	-	-	-	-	-	-	-	-	-
Canada	1975	11	10	90.9	1	9.1	-	-	-	-
Cayman Islands	1975	-	-	-	-	-	-	-	-	-
Chile	1978	35	20	57.1	12	34.3	3	8.6	-	-
Colombia (a)	1978	138	111	80.4	19	13.8	8	5.8	-	-
Costa Rica	1977	-	-	-	-	-	-	-	-	-
Cuba	1978	-	-	-	-	-	-	-	-	-
Ecuador	1973	106	102	96.2	3	2.8	1	0.9	-	-
El Salvador (a)	1978	22	20	90.9	1	4.5	1	4.5	-	-
Falkland Islands	1977	-	-	-	-	-	-	-	-	-
French Guiana	1978	2	2	100.0	-	-	-	-	-	-
Grenada	1974	-	-	-	-	-	-	-	-	-
Guatemala	1978	-	-	-	-	-	-	-	-	-
Guyana (a)	1978	7	4	57.1	2	28.6	1	14.3	-	-
Honduras (a)	1978	23	18	78.2	3	13.0	2	8.7	-	-
Jamaica	1974	5	2	40.0	3	60.0	-	-	-	-
Nicaragua	1976	8	4	50.0	3	37.5	1	12.5	-	-
Panama	1977	14	11	78.6	1	7.1	2	14.3	-	-
Peru	1973	54	42	77.8	8	14.8	4	7.4	-	-
Puerto Rico	1973	43	11	19.2	18	34.6	14	26.9	-	-
St. Kitts, Nevis and Anguilla	1977	-	-	-	-	-	-	-	-	-
Saint Lucia (b)	1976	1	-	-	-	-	1	100.0	-	-
St. Pierre and Miquelon	1976	-	-	-	-	-	-	-	-	-
St. Vincent	1974	-	-	-	-	-	-	-	-	-
Suriname	1975	7	3	42.9	2	28.6	2	28.6	-	-
Turks and Cacos Islands	1979	-	-	-	-	-	-	-	-	-
United States	1977	4 122	769	18.6	865	21.0	2 241	54.3	247	6.0
Uruguay	1976	...	...	...	...	...	...	...	...	...
Venezuela	1976	188	171	91.0	10	5.3	7	3.7	-	-
Virgin Islands (UK)	1978	-	-	-	-	-	-	-	-	-
Northern America		4 133	779	18.8	866	21.0	2 241	54.2	247	6.0
Latin America		660	527	79.8	85	12.9	48	7.3	-	-
Middle America		123	72	58.5	29	23.6	22	17.9	-	-
South America		537	455	84.7	56	10.4	26	4.8	-	-

(a) Provisional. (b) Contains 30 beds subsidized by Government.

Note: Figures are based on data available by size of hospitals, and the total may differ from that given for short-stay hospitals in other tables.

Table IV-14  
 NUMBER AND PERCENTAGE DISTRIBUTION OF BEDS IN PRIVATE SECTOR SHORT-STAY  
 HOSPITALS, BY HOSPITAL SIZE AND COUNTRY, AROUND 1978

Country	Year	Total	Under 50 beds		50-99 beds		100-499 beds		500 and more beds	
			Number	Per cent	Number	Per cent	Number	Per cent	Number	Per cent
Antigua	1978	12	12	100.0	-	-	-	-	-	-
Bahamas	1978	24	24	100.0	-	-	-	-	-	-
Barbados	1978	120	20	16.7	-	-	100	83.3	-	-
Belize	1976	35	35	100.0	-	-	-	-	-	-
Canada	1975	261	211	80.8	50	19.2	-	-	-	-
Cayman Islands	1975	-	-	-	-	-	-	-	-	-
Chile	1978	1 546	326	21.1	809	52.3	411	26.6	-	-
Colombia (a)	1978	4 337	2 084	48.1	1 157	26.7	1 096	25.3	-	-
Cuba	1978	-	-	-	-	-	-	-	-	-
Ecuador	1973	1 817	1 523	83.8	191	10.5	103	5.7	-	-
El Salvador (a)	1978	612	432	70.6	60	9.8	120	19.6	-	-
Falkland Islands	1977	-	-	-	-	-	-	-	-	-
French Guiana	1978	44	44	100.0	-	-	-	-	-	-
Grenada	1974	-	-	-	-	-	-	-	-	-
Guyana (a)	1978	350	102	29.1	124	35.4	124	35.4	-	-
Honduras (a)	1978	1 057	411	38.9	211	20.0	435	41.2	-	-
Jamaica	1974	247	61	24.7	186	75.3	-	-	-	-
Nicaragua	1976	496	128	25.8	215	43.3	153	30.8	-	-
Panama	1977	564	267	47.3	78	13.8	219	38.8	-	-
Peru	1973	1 969	898	45.6	584	29.7	487	24.7	-	-
Puerto Rico	1973	3 953	254	6.4	1 318	33.3	2 381	60.2	-	-
St. Kitts, Nevis and Anguilla	1977	-	-	-	-	-	-	-	-	-
Saint Lucia (b)	1976	110	-	-	-	-	110	100.0	-	-
St. Pierre and Miquelon	1976	-	-	-	-	-	-	-	-	-
St. Vincent	1974	-	-	-	-	-	-	-	-	-
Suriname	1974	606	94	15.5	115	19.0	397	65.5	-	-
Turks and Caicos Islands	1979	-	-	-	-	-	-	-	-	-
United States	1977	762 256	24 529	3.2	63 509	8.3	506 739	66.5	167 479	22.0
Venezuela	1976	4 232	2 643	62.5	665	15.7	924	21.8	-	-
Virgin Islands (UK)	1978	-	-	-	-	-	-	-	-	-
Northern America		762 517	24 740	3.2	63 559	8.3	506 739	66.5	167 479	22.0
Latin America		22 131	9 358	42.3	5 713	25.8	7 060	31.9	-	-
Middle America		7 230	1 644	22.7	2 068	28.6	3 518	48.7	-	-
South America		14 901	7 714	51.8	3 645	24.5	3 542	23.8	-	-

(a) Provisional. (b) Contains 30 beds subsidized by Government.

Note: Figures are based on data available by size of hospitals, and the total may differ from that given for short-stay hospitals in other tables.



Table IV-15  
NUMBER OF PHYSICIANS, NURSES, AND NURSING AUXILIARIES PER 10,000 POPULATION,  
AROUND 1979

Country	Year	Physicians		Year	Nursing personnel(a)			
		Number	Ratio		Nurses		Nursing auxiliaries	
					Number	Ratio	Number	Ratio
Antigua	1978	32	4.3	1980	127	16.9	144	19.2
Argentina	1979	71 253	26.7	1977	18 658	7.2	22 153	8.5
Bahamas	1979	198	8.8	1979	449	20.0	540	24.1
Barbados	1979	201	8.0	1979	764	30.4	431	17.2
Belize	1979	41	2.6	1980	230	14.4	49	3.1
Bermuda	1973	58	10.5	1980	476	79.3	...	...
Bolivia	1974	2 583	4.7	1980	955	1.7	2 498	4.5
Brazil	1980	106 479	8.7	1980	22 895	1.9	153 214	12.6
Canada	1979	43 192	18.2	1980	155 178	64.8	75 700	31.6
Cayman Islands	1979	16	9.4	1980	58	34.1	37	21.8
Chile	1979	5 671	5.2	1980	3 596	3.2	22 961	20.7
Colombia (b)	1977	12 720	5.1	1980	3 010	1.1	27 760	10.2
Costa Rica	1975	1 293	6.6	1980	1 226	5.5	4 884	21.9
Cuba (c)	1978	14 388	14.8	1980	14 156	14.3	13 037	13.2
Dominica (d)	1973	13	1.8	1973	152	20.8	31	4.2
Dominican Republic	1973	2 374	5.4	1980	500	0.9	3 981	7.3
Ecuador	1973	3 109	4.7	1980	2 200	2.6	10 000	12.0
El Salvador	1979	1 272	2.9	1980	1 715	3.8	3 521	7.7
Falkland Islands	1977	3	15.0	1977	8	40.0	6	30.0
French Guiana	1979	59	9.8	1979	287	47.8	...	...
Grenada	1978	25	2.3	1978	107	9.7	37	3.4
Guadeloupe	1977	275	8.6	1977	749	23.4	65	2.0
Guatemala	1976	784	1.2	1980	811	1.1	4 088	5.6
Guyana	1979	85	1.0	1980	1 050	11.8	800	9.0
Haiti	1979	600	1.2	1980	771	1.5	1 128	2.3
Honduras	1979	1 141	3.2	1980	545	1.5	3 000	8.1
Jamaica	1979	759	3.5	1979	2 252 (d)	10.4	1 178 (d)	5.4
Martinique	1979	364	7.1	1974	724 (e)	20.2	320	8.9
Mexico	1974	46 473	8.0	1980	39 189	5.4	58 877	8.2
Montserrat	1979	7	6.4	1979	43	39.1	13	11.8
Nicaragua	1979	962	3.6	1980	1 017	3.7	4 306	15.7
Panama (f)	1978	1 550	8.5	1980	2 132	11.0	3 524	18.2
Paraguay	1979	1 700	5.7	1980	521	1.7	1 421	4.6
Peru	1979	11 682	6.8	1980	8 350	4.6	3 524	1.9
Puerto Rico	1980	4 057	11.7	1980	7 181	20.6	7 410	21.3
St. Kitts, Nevis	1979	16	2.4	1980	207	37.3	6	1.1
Saint Lucia	1976	32	2.9	1980	272	22.7	111	9.3
St. Pierre and Miquelon	1976	6	12.0	1976	20	40.0	3	6.0
St. Vincent	1974	22	2.4	1980	102	10.4	95	9.7
Suriname	1979	224	5.9	1980	615	16.0	291	7.6
Trinidad and Tobago	1978	780	6.9	1980	3 840	33.7	1 041	9.1
Turks and Caicos Islands	1979	3	5.0	1980	27	45.0	2	3.3
United States	1979	375 066	16.7	1978	1 112 000	50.1	1 439 000	64.8
Uruguay	1979	5 400	18.8	1971	988	3.4	5 956	20.4
Venezuela	1977	14 565	11.4	1977	8 833	6.9	26 804	21.0
Virgin Islands (UK)	1978	10	4.2	1978	20	16.7	24	20.0
Virgin Islands (US)	1974	96	14.8	1974	241	37.1	111 (g)	17.1
Northern America		418 322	16.8		1 267 674	50.5	1 514 703	61.6
Latin America		313 317	9.2		151 573	4.2	389 379	10.8

(a) 1980 Information Based on Questionnaire for "Assessment of Existing Nursing Practice, Education and Aspects of Structure".  
 (b) Partial Information taken from cable. (c) Informe Annual 1977. (d) Government Personnel. (e) Includes psychiatric nurses.  
 (f) La Salud Panameña en Cifras 1978. (g) Practical nurses with certificates.

Table IV-16  
 PHYSICIANS, NURSES, NURSING AUXILIARIES, NURSING PERSONNEL, AND DENTISTS PER  
 10,000 POPULATION, BY SUBREGION, AROUND 1972 AND 1979

Subregion	Physicians		Nurses		Nurse auxiliaries		Nursing personnel		Dentists	
	Number	Ratio	Number	Ratio	Number	Ratio	Number	Ratio	Number	Ratio
1 9 7 2										
Northern America	353 278	15.5	862 574	37.7	1 434 062	62.8	2 296 636	100.4	111 392	4.9
Latin America	196 944	7.0	76 363	2.7	282 772	9.8	359 136	12.5	64 464	2.3
Middle America	55 731	6.0	31 680	3.4	79 217	8.2	110 897	11.6	9 588	1.0
Continental	40 737	6.0	14 754	2.2	60 562	8.4	75 316	10.5	6 633	1.0
Caribbean	14 994	6.1	16 926	6.9	18 655	7.7	35 581	14.6	2 955	1.2
English-speaking	1 703	4.3	5 805	14.8	1 441	3.7	7 246	18.5	223	0.6
South America	141 213	7.5	44 683	2.3	203 555	10.5	248 238	12.8	54 876	2.9
Temperate	58 696	15.8	17 938	4.8	49 338	13.3	67 276	18.1	13 455	3.6
Tropical	82 517	5.4	26 745	1.7	154 217	10.0	180 962	11.7	41 421	2.7
Regional total	550 222	10.8	938 937	18.3	1 716 834	33.3	2 655 771	51.6	175 856	3.6
1 9 7 9										
Northern America	418 322	16.8	1 267 674	51.5	1 514 703	61.5	2 782 377	113.1	129 873	5.3
Latin America	313 317	9.2	151 573	4.2	387 379	10.8	538 952	15.1	83 766	2.7
Middle America	77 784	7.3	79 607	6.4	111 991	9.1	191 598	15.5	29 976	1.9
Continental	53 516	6.8	46 865	5.0	82 249	8.7	129 114	13.7	1 308	0.2
Caribbean	24 268	8.8	32 742	11.3	29 742	10.3	62 484	21.6	4 668	1.6
English-speaking	2 210	5.0	8 661	19.6	3 801	8.6	12 462	28.2	235	0.5
South America	235 533	10.0	71 966	3.0	277 388	11.6	349 534	14.7	77 790	3.4
Temperate	82 327	20.3	23 250	5.8	51 076	12.8	74 326	18.6	11 193	2.8
Tropical	153 206	7.9	48 716	2.5	226 312	11.4	275 028	13.9	66 597	3.5
Regional total	731 639	12.4	1 419 247	23.3	1 902 082	31.3	3 321 329	54.6	237 639	3.8

Table IV-17  
DISTRIBUTION OF PHYSICIANS BY SPECIALTY AND COUNTRY, AROUND 1978

Country	Year	Total	General practice	Surgery	Internal medicine	Pediatrics	Gynecology and obstetrics	Psychiatry	Radio-ology	Anes-thesi-ology	Pathol-ogy	Public health	Other and not stated
Antigua	1978	32	17	3	1	1	3	1	1	2	-	1	2
Bahamas	1978	186	101 (a)	6	6	4	5	2	2	3	3	2	55
Barbados	1978	194	59	4	6	5	6	3	4	6	3	9	89
Belize	1977	46	32	3	1	1	2	1	1	1	-	2	1
Bermuda	1975	58	17	4	5	1	3	6	1	2	2	-	17
Canada	1978	42 238	17 913	6 391	3 105	1 252	1 304	2 002	1 393	1 423	788	149	6 518
Cayman Islands	1978	14	6	2	1	1	1	-	-	-	-	-	3
Chile	1975	4 414	3 967	...	...	393	...	54	...	...	...	...	...
Colombia (b)	1978	7 106	4 468	321	151	410	291	82	117	252	80	216	718
Costa Rica	1975	1 293	486	242	18	128	104	71	48	17	31	6	142
Dominica	1971	13	5	1	1	1	1	1	...	1	1	1	...
Dominican Republic	1973	2 374	1 619	43	116	107	94	28	23	26	10	35	273
Ecuador	1973	3 109	1 115	473	...	385	416	33	75	...	...	45	567
Falkland Islands	1979	3	1	1	-	-	-	-	-	1	-	-	-
French Guiana	1978	58	36	6	-	-	4	2	1	2	-	3	4
Grenada	1978	25	3	2	-	-	1	-	-	1	-	-	18
Guyana (c)	1977	106	74	6	4	2	4	2	1	2	1	4	6
Haiti	1978	665	411	25	21	23	29	5	5	5	3	12	126
Honduras	1978	1 083	588	54	32	83	58	23	12	22	15	42	154
Jamaica	1974	271	144	32	12	11	15	5	12	4	10	26	...
Martinique	1974	231	153	9	1	7	7	9	9	8	1	10	17
Mexico	1974	46 473	16 974	1 880	491	2 089	2 394	416	696	1 781	343	237	19 172
Nicaragua	1976	1 357	875	44	35	103	63	22	11	37	6	15	146
Panama (a)	1978	1 550	795	119	40	126	109	55	17	28	15	11	755
Peru	1978	11 032	3 151	633	211	962	1 000	149	46	77	32	662	4 109
Paraguay	1974	1 173	337	292	...	132	186	19	17	11	...	24	155
Puerto Rico (a)	1980	4 057	1 607	759	421	375	268	173	80	87	66	18	203
St. Kitts, Nevis and Anguilla (a)	1978	15	14	1	2	1	2	1	-	1	-	-	1
Saint Lucia	1976	32	17	2	2	1	1	1	-	2	-	1	5
St. Pierre and Miquelon	1976	6	5	1	-	-	-	-	-	-	-	-	-
St. Vincent	1974	22	15	1	1	1	1	-	-	1	-	1	1
Suriname	1978	214	152	8	12	6	6	4	1	2	-	8	16
Trinidad and Tobago	1975	539	424	29	17	6	11	7	8	4	5	15	13
Turks and Caicos Islands	1977	3	3	-	-	-	-	-	-	-	-	-	-
United States (d)	1977	359 515	54 361	77 021 (e)	61 278	23 609	23 038	27 566	17 603	13 815	12 466	...	48 758
Virgin Islands (UK)	1978	10	5	2	1	-	-	-	-	1	-	1	1
Virgin Islands (US)	1976	96	22	14	9	16	11	5	4	2	3	4	6

(a) Total not equal to distribution because subgroups are not mutually exclusive. (b) Data provisional and for government only.  
(c) Data for private sector are incomplete. (d) Source Health United States 1979. (e) Excludes obstetrics and gynecology.

Table IV-18  
NURSES BY MAJOR FUNCTION AND COUNTRY, AROUND 1980

Country	Practicing nurses	Hospital nurses	Nursing faculty	Providers of direct community care	Community health supervisors	Trainers of community health workers	Private sector	Other(b)
Antigua(a)	127	62	3	40	2	-	16	6
Argentina	18 658	12 607	310	...	...	380	5 361	-
Belize	230	95	6	26	2	...	...	(101)
Bermuda	476	247	-	21	7	-	-	(201)
Bolivia	955	721	68	157	...	...	...	9
Brazil	22 895	16 019	...	...	...	...	...	(6 876)
Canada	155 178	123 897	4 646	...	...	...	...	26 635
Cayman Islands	58	45	...	5	...	...	6	2
Chile	3 596	2 103	242	786	...	...	465	...
Colombia	3 010	1 706	722	53	213	50	...	266
Costa Rica(a)	1 226	1 012	63	140	140	6	53	34
Cuba	14 156	9 005	...	4 400	...	...	...	751
Dominican Republic	500	318	39	2	31	...	...	(110)
Ecuador	2 200	816	140	55	8	6	800	(375)
El Salvador	1 715	1 026	69	538	77	5	-	-
Guatemala	811	534	73	172	...	...	...	(32)
Guyana	1 050	690	26	170	10	2	84	68
Haiti	771	...	54	...	20	4	...	693
Honduras	545	369	48	...	128	...	...	...
Mexico	39 189	31 040	2 034	1 072	254	48	4 000	(741)
Nicaragua	1 017	592	79	219	45	...	25	57
Panama	2 132	1 589	100	291	10	-	142	-
Paraguay	521	272	28	160	...	10	51	-
Peru	8 350	6 168	550	...	----- 503 -----	-----	1 029	100
St. Kitts	207	153	7	36	3	-	8	-
Saint Lucia(a)	272	220	4	38	10	38	...	...
St. Vincent	102	47(c)	4	35(d)	4	30	...	...
Suriname	615	540	26	32	3	-	14	-
Trinidad and Tobago	3 840	2 398	56	293	14	-	124	(955)
Turks and Caicos Islands(a)	27	17	1	9	2	-	-	-
United States	958 300	622 800	32 200	...	...	...	30 080	(273 220)

Source: Questionnaire for Assessment of Existing Nursing Practice, Education and Aspects of Structure in Relation to the Nursing Resolution XIX of the Directing Council, October 1980.

(a) Subgroups are not mutually exclusive. (b) Numbers in parentheses were calculated from but not recorded on the source questionnaire. (c) Includes nursing assistants.

Table IV-19  
NURSING AUXILIARIES BY MAJOR FUNCTION AND COUNTRY, AROUND 1980

Country	Practicing nurse aux- iliaries	Hospital nurse aux- iliaries	Providers of direct com- munity care	Trainers of com- munity health workers	Community health su- pervisors	Other(a)
Antigua	144	38	19	-	-	87
Argentina	25 060	...	...	...	...	(25 060)
Belize	49	...	...	...	...	(49)
Bolivia	2 498	1 641	856	-	-	1
Canada	75 700	75 000	...	...	...	700
Cayman Islands	37	27	6	-	-	b) 4
Chile	22 961	13 760	- - - - -	3 592(c) - - - - -	- - - - -	5 609(b)
Colombia	27 760	23 860	3 863	-	37	-
Costa Rica	4 884	4 011	873	-	-	-
Cuba	13 037	5 818	6 257	...	...	(962)
Dominican Republic	3 981	3 018	325	...	...	638
Ecuador(d)	10 000	7 976	2 024	...	2 024	-
El Salvador	3 621	2 661	960	-	-	-
Guatemala	4 088	2 829	1 153	-	-	106
Guyana	800	585	50	-	-	165(b)
Haiti	1 128	...	...	...	...	(1 128)
Honduras	3 000	...	...	...	...	(3 000)
Mexico	58 877	40 975	16 041	113	236	1 512
Nicaragua	4 306	2 815	1 284	...	...	207
Panama	3 524	2 974	550	-	-	-
Paraguay	1 421	671	735	15	-	-
Peru	21 498	19 104	1 894	-	-	500(b)
St. Kitts	-	-	-	-	-	-
Saint Lucia	111	30	11	-	-	70
St. Vincent	95	44	21	-	-	30
Suriname	291	235	56	-	-	-
Trinidad and Tobago(d)	1 041	881	157	-	14	(91)(b)
Turks and Caicos Islands	2	2	-	-	-	-

Source: Questionnaire for Assessment of Existing Nursing Practice, Education and Aspects of Structure in Relation to the Nursing Resolution XIX of the Directing Council, October 1980.

(a) Numbers in parentheses were calculated from but not recorded on the source questionnaire. (b) Private sector.  
(c) Excludes trainers. (d) Subgroups not mutually exclusive.

Table IV-20  
PROFESSIONAL AND AUXILIARY HEALTH PERSONNEL,<sup>a</sup> BY COUNTRY, AROUND 1979

Country	Year	Pharmacy		Radiology		Midwifery		Community health		
		Pharmacists	Auxiliaries	Radiologists	X-Ray technicians(b)	Nurse midwives	Assistant midwives	Traditional birth attendants	Health educators	Health promoters
Antigua	1978	17	8(c)	1	3	26	-	-	2	...
Argentina	1979	919	692	...	3 447	...	...	...	25	1 789
Bahamas	1979	36	10(c)	2	15	85	49	...	3	...
Barbados	1979	...	99	5	27	390	35	...	2	...
Belize	1979	1	1	1	7	107	...	55	-	...
Bermuda	1973	2	...	1	7	104	...	...	...	...
Bolivia	1979	115	...	...	...	...	...	...	...	...
Brazil	1974	2 394	...	...	7 332	...	...	2 557	...	3 181
Canada	1979	16 052	...	1 427	8 055	...	...	...	...	...
Cayman Islands	1979	...	...	-	4	2	-	...	1	...
Chile	1979	290	...	...	...	2 372	...	1 962	...	...
Colombia	1978	98	322	117	158	...	...	...	...	...
Costa Rica	1976	638	421	48(d)	96	1 600	...	...	...	...
Cuba	1978	565	...	...	1 257	...	...	...	...	...
Dominica	1978	-	-	1	3	40	7	7	-	...
Dominican Republic	1978	48	...	...	65	...	...	...	88	3 873
Ecuador	1973	146(e)	79	75	234	166	...	...	81	...
El Salvador	1978	514	154	...	88	...	...	...	19	228
Falkland Islands	1979	-	-	-	-	-	-	5	-	...
French Guiana	1979	18	...	1	...	-	-	287	-	...
Grenada	1978	1	24	...	...	...	...	...	2	...
Guadeloupe	1978	...	...	9	...	55	...	...	...	...
Guatemala	1976	7	35	4	78	...	...	...	...	...
Guyana	1979	32	...	1	7	180	...	...	4	...
Haiti	1979	6	14	7	20	100	-	2 325	9	...
Honduras	1979	392	...	13	116	...	...	3 791	10	...
Jamaica	1979	151	...	...	62	485	-	...	...	...
Martinique	1979	138	...	14	...	...	102	...	...	...
Mexico	1979	...	...	...	186	...	...	...	64	...
Montserrat	1979	2	3	...	1	1	-	...	-	...
Nicaragua	1979	26	...	...	65	...	...	...	...	...
Panama	1978	157	...	17	200	...	...	...	...	...
Paraguay	1979	860	...	...	44	224	386	163	26	...
Peru	1979	3 309	166	150	309	2	147	...	-	...
Puerto Rico	1979	1 107	53	...	560	...	...	...	229	...
St. Kitts-Nevis and Anguilla	1979	3	2	-	2	119	...	...	1	...
Saint Lucia	1978	...	21	...	6	101	12(f)	...	1	...
St. Pierre and Miquelon	1976	1	...	...	...	...	...	...	...	...
St. Vincent	1974	-	11	-	4	85	-	...	-	...
Suriname	1979	14	82	2	26	87	6	...	...	...
Trinidad and Tobago	1978	314	...	...	47	203	...	...	13	...
Turks and Caicos Islands	1979	-	2	-	1	5(g)	5(g)	8(g)	-	...
United States	1978	135 000	...	12 062(g)	100 000	...	...	...	...	...
Uruguay	1979	...	125	75	157	...	1 206	...	4	...
Venezuela	1977	3 187	...	...	...	...	...	1 200	...	...
Virgin Islands (UK)	1978	2	...	...	1	10	-	...	1	...

(a) Private sector data are included when available, but are generally incomplete. (b) Includes radiographers, technicians, auxiliaries, and hygienists. (c) Trainees. (d) Data for 1975. (e) Includes biochemists. (f) Student midwives. (g) Data for 1977.

Sources: Informe Anual de Estadísticas de Salud, Bolivia, 1979. Anuario do Brasil, Brazil, 1978. La Salud Pública en la República Dominicana, Un Año de Actividades, Dominican Republic, 1978-1979. Anuario Estadístico, Nicaragua, 1979. Annual Report of the Health Division, Saint Lucia, 1978. Annual Report, Trinidad and Tobago, 1978. Health United States, United States, 1979. For Chile, nurse midwives: Sixth Report on the World Health Situation, Part II, WHO, 1978.

Table IV-21  
PROFESSIONAL AND AUXILIARY HEALTH PERSONNEL,<sup>a</sup> BY COUNTRY, AROUND 1979

Country	Year	Environmental health		Nutrition	Data management		Rehabilitation	Health institution support personnel		Animal health
		Sanitary engineers	Sanitary inspectors	Nutritionists and dieticians	Statistical personnel	Medical record personnel	Therapy personnel	Health administrators(b)	Laboratory personnel	Veterinarians
Antigua	1978	-	18	...	3	...	-	2	5	2
Argentina	1979	...	61	508	1 283	...	...	...	3 142	...
Bahamas	1979	1	14	3	1	...	15	4	49	...
Barbados	1979	2	84	7	-	...	6	5	41	5
Belize	1979	1	17	1	2	...	4	1	10	4
Bermuda	1973	...	...	2	...	...	1	...	...	...
Bolivia	1976	...	...	...	...	...	...	...	...	310
Brazil	1974	...	...	1 522	...	...	...	...	4 674	...
Canada	1979	...	...	...	...	2 160	2 763	...	17 629	3 909
Cayman Islands	1979	1	29	-	1	...	...	1	2	1
Chile	1979	20	...	1 300(c)	...	...	...	...	...	...
Colombia	1978	51	32	141	217	...	181	...	...	97
Costa Rica(d)	1976	15	74	69	124	...	6	52	142	102
Cuba	1978	21	...	...	...	...	...	...	4 790	1 168
Dominica	1978	-	17	1	1	...	1	3	7	2
Dominican Republic	1976(d)	27	312	20	111	...	4	55	440	150
Ecuador	1973	42	415	12	29	798	18	331	456	240
El Salvador	1978	8	240	12	15	...	43	46	263	125
Falkland Islands	1979	-	-	-	-	...	...	1	1	1
French Guiana	1979	-	1	-	-	...	...	4	12	1
Grenada	1978	-	19	1	2	...	1	1	8	1
Guadeloupe	1978	1	...	...	...	...	...	...	...	...
Guatemala	1976	...	122	...	8	...	...	...	243	...
Guyana	1979	-	62	-	2	...	...	1	60	-
Haiti	1979	2	137	8	17	...	...	11	95	...
Honduras	1979	2	112	17	173	...	15	18	235	2
Jamaica	1979	1	487	9	3	...	...	...	135	1
Mexico	1979	114	1 353	116	180	...	379	401	303	179
Montserrat	1979	-	4	1	-	...	...	1	2	1
Nicaragua	1979	...	...	6	...	...	32	...	...	92
Panama	1978	...	151	...	...	...	...	...	543	...
Paraguay	1979	18	123	24	98	...	27	4	84	566
Peru	1979	308	575	273	290	...	393	...	687	1 514
Puerto Rico	1979	...	...	341	...	...	...	184	1 061	...
St. Kitts-Nevis and Anguilla	1979	-	17	2	1	2	1	2	4	1
Saint Lucia	1978	2	18	3	2	3	4(f)	2	20	2
St. Pierre and Miquelon	1976	...	...	...	...	...	...	...	...	1
St. Vincent	1974	1	18	1	-	...	-	1	5	1
Suriname	1979	1	123	-	2	...	24	...	88	7
Trinidad and Tobago(e)	1978	1	142	13	17	3	15	5	...	...
Turks and Caicos Islands	1979	-	2	-	-	...	...	...	1	-
United States(f)	1978	...	...	35 000	...	50 000	149 500	180 000(g)	219 000	33 500
Uruguay	1979	...	...	...	...	...	...	15	80	1 200
Venezuela	1977	382	1 213	209	...	313	...	...	...	117
Virgin Islands (UK)	1978	2	3	...	1	...	-	...	2	1

(a) Private sector data are included when available, but are generally incomplete. (b) Non-physician public health and hospital administrators. (c) Sixth Report on the World Health Situation, Part Two, WHO, Geneva, Switzerland, 1977. Estimate. (d) Around 1976. (e) Ministry of Health only. (f) Source: Health Resources Statistics, Bureau of Labor Statistics, 1978. (g) Includes physicians.



Table V-1  
 NUMBER OF DISCHARGES AND PATIENT DAYS FOR ALL HOSPITALS AND SHORT-STAY  
 HOSPITALS, WITH RATIOS PER 100 POPULATION, BY COUNTRY, AROUND 1978

Country	Year	All hospitals				Short-stay hospitals			
		Discharges		Patient days		Discharges		Patient days	
		Number	Ratio	Number	Ratio	Number	Ratio	Number	Ratio
Antigua	1978	4 656	6.3	99 633	134.6	4 509	6.1	58 753 (a)	79.4
Bahamas	1978	19 743	8.8	245 330	109.0	18 641	8.3	18 983	52.9
Barbados	1978	22 590	9.0	668 773	267.5	21 273	8.5	156 897 (a)	62.8
Belize	1976	12 318	8.6	...	...	12 175	8.5	...	...
Bermuda	1978	7 559	12.8	66 994	113.5	7 116	12.1	62 169	105.4
Bolivia	1975	137 528	2.4	1 560 578	27.7	...	...	...	...
Canada	1977	3 669 354	15.8	52 409 106	225.1	3 576 911	15.4	40 156 244	172.5
Cayman Islands	1978	1 649	13.7	...	...	1 649	13.7	...	...
Chile	1978	1 069 642	9.9	10 114 298	93.2	1 044 869	9.6	8 266 069	76.1
Colombia	1978	1 321 710	5.2	9 079 854	35.4	1 290 658	5.0	7 586 149	29.6
Costa Rica	1977	237 374	11.5	2 049 579	99.5	221 879	10.8	141 544	6.9
Cuba	1978	1 201 653	12.4	11 549 010	118.7	1 161 161	11.9	8 725 699	89.7
Ecuador	1973	287 752	4.4	3 302 570	50.0	281 867	4.3	2 341 877	35.5
El Salvador	1978	266 310	6.1	1 925 621	44.2	257 564	5.9	1 512 591	34.7
Falkland Islands	1977	358	17.9	8 395	419.8	358	17.9	8 395	419.8
French Guiana	1978	13 686	20.7	147 750	223.9	13 195	20.0	143 449	217.3
Guadeloupe	1977	37 853	10.4	905 248	248.0	35 965	9.9	640 364	175.4
Guatemala (a)	1978	171 730	2.6	1 780 815	26.9	167 627	2.5	1 345 617	20.3
Guyana	1973	63 464	8.4	...	...	...	...	...	...
Haiti	1976	48 753	1.0	...	...	47 102	1.0	...	...
Honduras	1978	147 922	4.3	1 133 505	33.0	143 545	4.2	914 233	26.6
Jamaica	1974	144 041	7.2	...	...	140 397	7.0	1 291 153	64.3
Montserrat	1975	1 558	12.9	12 687	105.7	1 558	12.9	12 687	105.7
Nicaragua	1976	102 766	4.6	1 068 676	47.9	...	...	...	...
Panama (b)	1977	141 299	8.0	1 599 697	90.3	140 490	7.9	1 508 834	85.2
Paraguay	1976	...	...	...	...	58 764	2.1	465 380	16.7
Peru	1973	497 979	3.4	6 510 259	44.5	490 952	3.4	5 624 757	38.4
Puerto Rico	1973	351 950	11.9	3 176 918	107.7	336 365	11.4	2 333 425	79.1
St. Kitts - Nevis and Anguilla (c)	1977	6 032	9.1	71 780	108.8	6 024	9.1	71 780	108.8
Saint Lucia	1976	11 523	10.5	...	...	11 054	10.0	81 260	73.9
St. Pierre and Miquelon	1976	936	18.7	13 171	263.4	936	18.7	13 171	263.4
St. Vincent	1974	5 996	6.4	136 424	146.7	5 818	6.3	53 358	57.4
Suriname	1974	27 897	6.8	...	...	27 256	6.6	...	...
Trinidad and Tobago (d)	1978	114 950	10.1	...	...	109 945	9.7	...	...
Turks and Caicos Islands	1973	560	9.3	3 800	63.3	560	9.3	3 800	63.3
United States	1978	37 425 499	17.2	376 792 302	172.8	36 404 572	16.7	289 435 345	132.7
Uruguay	1976	...	...	...	...	152 643	5.4	1 566 980	55.4
Venezuela (e)	1977	717 096	5.6	6 839 712	53.7	578 165	4.5	4 412 704	34.6
Virgin Islands (UK)	1977	1 037	8.6	8 695	72.5	1 037	8.6	8 695	72.5
Northern America		41 103 348	17.0	429 281 573	177.5	39 989 535	16.6	329 666 929	136.5
Latin America		7 191 375	6.0	63 999 607	58.2	67 948 065	5.8	49 295 433	44.1

(a) Ministry of Health only. (b) Provisional data. (c) Patient Days exclude Anguilla; 25 beds and 750 discharges included for Anguilla. (d) Annual Report of the Ministry of Health 1978, Republic of Trinidad and Tobago. (e) Calculations based only on Ministry of Health and University hospital data.

Note: Only countries with data for at least 50% of the hospital beds are included.

Table V-2  
 INDICES OF UTILIZATION OF SHORT-STAY HOSPITALS, ALL TYPES OF  
 OWNERSHIP, BY COUNTRY, AROUND 1978

Country	Year	Beds	Discharges	Patient days	Turnover rate	Average days of stay	Occupancy rate (per cent)
Antigua	1978	219	4 509 (a)	58 753 (b)	20.6	13.0 (c)	77.8 (c)
Argentina	1973	72 221	1 174 415	18 314 265	16.3	15.6	69.5
Bahamas	1978	471	18 641 (a)	118 983	39.6	6.4	69.2
Barbados	1978	681	21 273	156 897	31.2	7.4	63.1
Belize	1976	408	12 318	...	29.8	...	...
Bermuda	1978	230	7 116 (a)	62 169	30.9	8.7	74.1
Bolivia	1975	5 947	81 782	849 331	13.8	10.4	39.1
Canada	1977	163 238	3 576 911	40 156 244	21.9	11.2	67.4
Cayman Islands	1978	40	1 649	...	41.2	...	...
Chile	1978	32 827	1 044 869	8 266 069	31.8	7.9	69.0
Colombia (c)	1978	36 266	1 290 658	7 586 149	35.6	5.9	57.3
Costa Rica	1977	5 088	221 879	1 415 441	43.6	6.4	76.2
Cuba	1978	30 111	1 161 161	8 725 699	38.6	7.5	79.4
Dominica	1975	226	4 383	67 975	19.4	15.5	82.4
Dominican Republic	1973	7 977	266 433	1 665 327	33.4	6.3	57.2
Ecuador	1973	10 424	281 867	2 341 877	27.0	8.3	61.6
El Salvador	1978	5 406	257 564	1 512 591	47.6	5.9	76.7
Falkland Islands	1977	27	a) 358	8 395	13.3	23.4	85.2
French Guiana	1978	570	13 195 (a)	143 449	23.1	10.9	68.9
Grenada	1974	224	7 610	...	34.0	...	...
Guadeloupe	1977	3 316	35 965 (a)	640 364	10.8	17.8	52.9
Guatemala	1978	6 287	167 627	1 345 617	26.7	8.0	58.6
Guyana	1973	1 709	62 029	...	36.3	...	...
Haiti	1976	3 218	47 102	...	14.6	...	...
Honduras	1978	3 949	143 545	914 233	36.3	6.4	63.4
Jamaica	1974	4 188	140 397	1 291 153	33.5	9.2	84.5
Mexico	1976	42 959	1 749 797	8 096 685	40.7	4.6	...
Montserrat	1975	57	1 558	12 687	27.3	8.1	61.0
Nicaragua	1976	2 881	99 285	746 490	34.5	7.5	70.8
Panama (c)	1977	5 359	140 490	1 508 834	26.2	10.7	77.1
Paraguay	1976	2 241	58 764	465 380	26.2	7.9	56.7
Peru	1973	21 952	490 952	5 624 757	22.4	11.5	70.2
Puerto Rico	1973	9 093	336 365	2 333 425	37.0	6.9	70.3
St. Kitts-Nevis and Anguilla	1977	287	6 024	71 780	21.0	11.9	68.5
Saint Lucia	1976	398	11 054	81 260	27.8	7.4	55.8
St. Pierre and Miquelon	1976	78	936 (a)	13 171	12.0	14.1	46.1
St. Vincent	1974	264	5 818	53 358	22.0	9.2	55.4
Suriname	1974	1 299	27 256	...	21.0	...	...
Trinidad and Tobago	1978	2 044	109 945	...	53.8	...	...
Turks and Caicos Islands	1973	20	560	3 800	28.8	6.8	52.1
United States	1977	1 075 833	36 404 572	289 435 345	33.8	8.0	73.7
Uruguay	1976	6 667	152 643	1 566 980	22.9	10.3	64.2
Venezuela	1976	13 823	530 505	4 085 382	38.4	7.7	80.8
Virgin Islands (UK)	1977	34	1 037	8 695	30.5	8.4	70.1
Northern America		1 239 379	39 989 535	329 666 929	32.3	8.2	72.9
Latin America		341 153	10 183 139	80 082 081	29.8	7.9	64.3
Middle America		135 205	4 973 852	30 830 047	36.8	6.2	62.5
South America		205 973	5 209 287	49 252 034	25.3	9.5	65.5

(a) Admissions. (b) Excludes patient days from 12 beds. (c) Provisional.

Note: Bed totals reflect the availability of patient day or discharge data and may differ from that given in other tables.

Table V-3  
 INDICES OF UTILIZATION OF SHORT-STAY MINISTRY OF HEALTH HOSPITALS,  
 BY COUNTRY, AROUND 1978

Country	Year	Beds	Discharges	Patient days	Turnover rate	Average days of stay	Occupancy rate (per cent)
Antigua	1978	219	4 509	58 753 (a)	20.6	13.8	77.8
Argentina	1978	69 112	1 359 255	15 589 687	19.7	11.5	61.8
Bahamas	1978	471	18 641	118 983	39.6	6.4	69.2
Barbados	1978	561	18 331 (b)	156 877	32.7	8.6	76.6
Belize	1976	373	11 373	...	30.5	...	...
Bermuda	1978	230	7 116	62 169	30.9	8.7	74.1
Bolivia	1975	3 917	42 777	473 999	10.9	11.1	33.2
Canada	1977	1 887	34 353	378 113	18.2	11.0	54.9
Cayman Islands	1978	40	1 649	...	41.2	...	...
Chile	1978	28 751	921 837	7 360 596	32.1	8.0	70.1
Colombia	1978	25 560	855 745	4 935 399	33.5	5.8	52.9
Costa Rica	1977	191	8 203	36 841	42.9	4.5	52.8
Cuba	1978	30 111	1 161 161	8 725 699	38.6	7.5	79.4
Dominica	1975	226	4 383	67 975	19.4	15.5	82.4
Dominican Republic	1973	5 389	220 692	1 102 366	40.9	5.0	56.0
Ecuador	1973	5 254	143 635	1 157 385	27.3	8.1	60.4
El Salvador	1978	6 036	257 564	1 512 591	42.7	5.9	68.7
Falkland Islands	1977	27	358 (b)	8 395	13.3	23.4	85.2
French Guiana	1978	405	9 118 (b)	105 706	22.5	11.6	71.5
Grenada	1974	224	7 610	...	34.0	...	...
Guadeloupe	1977	3 316	35 965 (b)	640 364	10.8	17.8	52.9
Guatemala	1978	6 287	167 627	1 345 617	26.7	8.0	58.6
Guyana	1973	1 709	62 029	...	36.3	...	...
Haiti	1976	2 159	39 897	...	18.5	...	...
Honduras	1978	2 426	84 475	649 513	34.8	7.7	73.4
Jamaica	1974	3 443	114 952	1 093 532	33.4	9.5	87.0
Mexico	1976	17 110	387 029	778 710	22.6	2.0	12.4
Panama	1977	4 106	99 319	1 142 312	24.2	11.5	76.2
Paraguay	1976	942	30 474	133 527	32.4	4.4	38.7
Peru	1973	11 268	263 645	2 592 130	23.4	9.8	63.0
Puerto Rico	1973	4 208	126 098	914 246	30.0	7.3	59.5
St. Kitts-Nevis, Anguilla	1977	271	6 024	71 780	22.2	11.9	72.5
Saint Lucia	1976	288	7 431	58 977	25.8	7.9	56.0
St. Pierre and Miquelon	1976	78	936 (b)	13 171	12.0	14.1	46.1
St. Vincent	1974	264	5 818	53 358	22.0	9.2	55.4
Suriname	1975	326	7 666	...	23.5	...	...
Trinidad and Tobago	1978	2 024	109 945	...	54.3	...	...
Turks and Caicos Islands	1973	20	560	3 800	28.0	6.8	52.1
United States (c)	1977	4 254	113 705	955 908	26.7	8.4	61.6
Uruguay	1978	5 931	131 687	1 231 905	22.2	9.4	56.9
Venezuela	1976	13 823	530 505	4 085 382	38.4	7.7	80.8
Virgin Islands, UK	1977	34	1 037	8 695	30.5	8.4	70.1
Northern America		6 449	156 110	1 409 361	24.2	9.0	59.9
Latin America		256 822	7 259 024	56 215 100	28.3	7.7	60.0

(a) Excludes patient days from 12 beds. (b) Admissions. (c) United States Public Health Service.

Note: Bed totals reflect the availability of patient day or discharge data and may differ from that given in other tables.

Table V-4  
 INDICES OF UTILIZATION OF SHORT-STAY SOCIAL SECURITY HOSPITALS,  
 BY COUNTRY, AROUND 1978

Country	Year	Beds	Discharges	Patient days	Turnover rate	Average days of stay	Occupancy rate (per cent)
Antigua	1978	-	-	-	-	-	-
Bahamas	1978	-	-	-	-	-	-
Barbados	1978	-	-	-	-	-	-
Belize	1976	-	-	-	-	-	-
Bermuda	1978	-	-	-	-	-	-
Bolivia	1975	2 030	39 005	375 332	19.2	9.6	50.7
Canada	1977	-	-	-	-	-	-
Cayman Islands	1978	-	-	-	-	-	-
Chile	1978	-	-	-	-	-	-
Colombia (a)	1978	4 264	202 964	1 422 066	47.6	7.0	91.4
Costa Rica	1977	4 897	213 676	1 378 600	43.6	6.5	77.1
Cuba	1978	-	-	-	-	-	-
Dominica	1975	-	-	-	-	-	-
Dominican Republic	1973	2 006	35 458	384 100	17.7	10.8	52.5
Ecuador	1973	1 038	28 270	304 353	27.2	10.8	80.3
El Salvador	1978	714	34 549	193 985	48.4	5.6	74.4
Falkland Islands	1977	-	-	-	-	-	-
French Guiana	1978	-	-	-	-	-	-
Grenada	1974	-	-	-	-	-	-
Guatemala	1973	1 110	46 698	264 685	42.1	5.7	65.3
Guyana	1978	-	-	-	-	-	-
Honduras	1978	466	27 419	119 647	58.8	4.4	70.3
Jamaica	1974	-	-	-	-	-	-
Mexico	1976	25 849	1 362 768	7 317 975	52.7	5.4	77.4
Montserrat	1975	-	-	-	-	-	-
Panama (a)	1977	1 403	38 374	358 661	27.4	9.3	70.0
Paraguay	1976	434	12 617	115 191	29.1	9.1	72.5
Peru	1973	3 312	75 305	1 084 719	22.7	14.1	89.7
Puerto Rico	1973	-	-	-	-	-	-
St. Kitts-Nevis, Anguilla	1977	-	-	-	-	-	-
Saint Lucia	1976	-	-	-	-	-	-
St. Pierre and Miquelon	1976	-	-	-	-	-	-
St. Vincent	1974	-	-	-	-	-	-
Suriname	1974	-	-	-	-	-	-
Trinidad and Tobago	1978	-	-	-	-	-	-
Turks and Caicos Islands	1978	-	-	-	-	-	-
United States	1977	-	-	-	-	-	-
Virgin Islands (UK)	1977	-	-	-	-	-	-
Northern America		-	-	-	-	-	-
Latin America		47 523	2 117 103	13 319 314	44.5	6.3	76.8

(a)Provisional.

Note: Bed totals reflect the availability of patient day or discharge data and may differ from that given in other tables.

Table V-5  
 INDICES OF UTILIZATION OF OTHER PUBLIC SECTOR SHORT-STAY HOSPITALS,  
 BY COUNTRY, AROUND 1978

Country	Year	Beds	Discharges	Patient days	Turnover rate	Average days of stay	Occupancy rate (per cent)
Antigua	1978	-	-	-	-	-	-
Bahamas	1978	-	-	-	-	-	-
Barbados	1978	-	-	-	-	-	-
Belize	1976	-	-	-	-	-	-
Bermuda	1978	-	-	-	-	-	-
Canada	1977	161 124	3 528 238	39 708 981	21.9	11.3	67.5
Cayman Islands	1978	-	-	-	-	-	-
Chile	1978	2 530	66 640	608 041	26.3	9.1	65.8
Colombia (a)	1978	1 890	46 418	361 509	24.6	7.8	52.4
Costa Rica	1977	-	-	-	-	-	-
Cuba	1978	-	-	-	-	-	-
Dominica	1975	-	-	-	-	-	-
Dominican Republic	1973	582	10 283	178 861	17.7	17.4	84.2
Ecuador	1973	2 315	67 369	674 471	29.1	10.0	79.8
El Salvador	1978	190	5 632	37 908	29.6	6.7	54.7
Falkland Islands	1977	-	-	-	-	-	-
French Guiana	1978	-	-	-	-	-	-
Grenada	1974	-	-	-	-	-	-
Guyana	1978	-	-	-	-	-	-
Honduras	1978	-	-	-	-	-	-
Jamaica	1974	498	12 251	140 887	24.6	11.5	77.5
Montserrat	1975	-	-	-	-	-	-
Panama	1977	-	-	-	-	-	-
Paraguay	1976	865	15 673	216 662	18.1	13.8	68.4
Peru	1973	5 403	92 711	1 578 253	17.2	17.0	80.0
Puerto Rico	1973	908	25 507	213 135	28.1	8.4	64.3
St. Kitts-Nevis, Anguilla	1977	-	-	-	-	-	-
Saint Lucia	1976	-	-	-	-	-	-
Saint Pierre and Miquelon	1976	-	-	-	-	-	-
St. Vincent	1974	-	-	-	-	-	-
Suriname	1974	516	10 340	...	20.0	...	...
Trinidad and Tobago	1978	-	-	-	-	-	-
Turks and Caicos Islands	1973	-	-	-	-	-	-
United States	1977	307 052	9 055 036	80 169 951	29.5	8.9	71.5
Uruguay	1976	618	10 241	207 957	16.6	20.3	91.9
Virgin Islands (UK)	1977	-	-	-	-	-	-
Northern America		468 176	12 583 274	119 878 932	26.9	9.5	70.2
Latin America		16 315	363 065	4 217 684	22.3	11.6	70.8

(a) Provisional.

Note: Bed totals reflect the availability of patient day or discharge data and may differ from that given in other tables.

Table V-6  
 INDICES OF UTILIZATION OF PRIVATE SECTOR SHORT-STAY HOSPITALS,  
 BY COUNTRY, AROUND 1978

Country	Year	Beds	Discharges	Patient days	Turnover rate	Average days of stay	Occupancy rate (per cent)
Antigua	1978	12	244 (a)	...	20.3	...	...
Bahamas	1978	24	...	...	...	...	...
Barbados	1978	120	2 942	...	24.5	...	...
Belize	1976	35	802	...	22.9	...	...
Bermuda	1978	-	-	-	-	-	-
Canada	1977	227	14 320	69 150	63.1	4.8	83.5
Cayman Islands	1978	-	-	-	-	-	-
Chile	1978	1 546	56 392	297 432	36.5	5.3	52.7
Colombia (b)	1978	4 552	185 531	867 175	40.8	4.7	52.2
Costa Rica	1977	4 897	213 676	1 378 600	43.6	6.5	77.1
Cuba	1978	-	-	-	-	-	-
Dominica	1975	-	-	-	-	-	-
Ecuador	1973	1 817	42 593	205 668	23.4	4.8	31.0
El Salvador	1978	612	...	...	...	...	...
Falkland Islands	1977	-	-	-	-	-	-
French Guiana	1978	44	652 (a)	5 849	14.8	9.0	36.4
Grenada	1974	-	-	-	-	-	-
Guyana	1978	350	...	...	...	...	...
Haiti	1976	1 059	7 205	...	6.8	...	...
Honduras	1978	1 057	31 651	145 073	29.9	4.6	37.6
Jamaica	1974	247	13 194	56 734	53.4	4.3	62.9
Montserrat	1975	-	-	-	-	-	-
Peru	1973	1 969	59 291	369 655	30.1	6.2	51.4
Puerto Rico	1973	3 977	184 760	1 206 044	46.5	6.5	83.1
St. Kitts/Nevis, Anguilla	1977	-	-	-	-	-	-
Saint Lucia	1976	110	3 623	22 283	32.9	6.2	55.3
Saint Pierre and Miquelon	1976	-	-	-	-	-	-
St. Vincent	1974	-	-	-	-	-	-
Suriname	1974	457	9 250	...	20.2	...	...
Turks and Caicos Islands	1978	-	-	-	-	-	-
United States	1977	764 527	27 235 831	208 309 486	35.6	7.6	74.6
Virgin Islands, UK	1977	8	...	...	...	...	...
Northern America		764 754	27 250 151	208 378 636	35.6	7.6	74.7
Latin America		22 893	811 806	4 554 513	35.5	5.6	54.5

(a) Admissions. (b) Provisional data.

Note: Bed totals reflect the availability of patient day or discharge data and may differ from that given in other tables.

Table V-7  
 INDICES OF UTILIZATION OF SHORT-STAY HOSPITALS, BY SIZE OF HOSPITAL AND COUNTRY,  
 AROUND 1978

Country	Year	Size of hospitals											
		Under 50 beds			50-99 beds			100-499 beds			500 beds and over		
		Turn-over rate	Average days of stay	Per cent occupancy	Turn-over rate	Average days of stay	Per cent occupancy	Turn-over rate	Average days of stay	Per cent occupancy	Turn-over rate	Average days of stay	Per cent occupancy
Antigua	1978	-	-	-	-	-	-	20.7	13.7	77.8	-	-	-
Argentina	1973	22.1	8.1	49.1	16.7	12.7	58.2	18.0	14.4	71.1	9.6	32.1	84.4
Bahamas	1978	...	...	...	76.3	2.7	57.3	35.0	7.4	70.9	-	-	-
Barbados	1978	45.2	1.0	12.9	-	-	-	15.8	-	-	33.1	8.7	78.5
Bermuda	1975	-	-	-	-	-	-	34.4	7.9	74.5	-	-	-
Canada	1975	29.5	7.1	57.5	30.5	8.4	69.9	30.0	9.2	75.4	25.9	10.2	72.2
Chile	1978	34.1	5.5	51.2	31.3	6.9	59.5	34.0	7.4	69.3	30.4	9.2	76.4
Colombia	1978	34.5	4.2	40.1	35.3	5.4	52.5	35.0	6.4	60.9	43.0	8.4	98.7
Costa Rica	1977	53.2	3.0	43.6	42.3	5.3	61.2	42.7	6.8	80.0	46.2	5.9	75.3
Cuba	1978	41.5	5.2	59.5	46.6	5.9	74.7	42.0	6.9	79.7	26.8	11.9	87.2
Dominica	1975	-	-	-	-	-	-	18.2	15.5	77.3	-	-	-
Dominican Republic	1975	39.7	3.0	33.2	42.0	3.9	45.1	31.7	6.8	59.5	-	-	-
Ecuador	1973	25.5	5.3	37.1	24.5	7.0	47.1	30.3	8.8	73.2	18.7	17.5	89.8
El Salvador	1976	44.6	4.2	50.7	52.4	3.9	56.3	52.9	5.4	78.4	22.1	10.9	65.8
Falkland Islands	1977	13.3	23.4	85.2	-	-	-	-	-	-	-	-	-
French Guiana	1978	14.8	9.0	36.4	28.3	9.3	71.8	22.5	11.6	71.5	-	-	-
Guatemala	1973	21.9	6.8	40.6	31.4	8.3	71.0	24.4	10.9	72.9	9.4	30.9	79.2
Honduras (a)	1978	22.0	3.6	22.0	38.4	5.0	52.2	46.7	5.4	69.7	11.3	26.6	82.6
Jamaica	1974	38.1	5.9	61.3	39.3	6.8	72.7	31.1	8.3	70.4	-	-	-
Nicaragua	1976	20.3	8.0	44.2	27.8	8.6	65.2	36.6	7.3	73.2	-	-	-
Panama	1978	13.0	9.8	34.7	26.3	6.5	46.9	21.3	10.9	63.6	20.8	13.2	75.3
Paraguay	1976	31.4	3.8	32.3	32.6	6.7	59.6	26.8	9.8	70.0	17.4	13.8	65.6
Peru	1977	30.5	5.1	42.9	27.3	9.0	67.1	26.8	9.5	69.4	14.2	17.3	67.5
United States	1978	33.3	5.7	51.5	34.9	6.5	62.5	36.0	7.6	74.5	30.2	9.6	79.5

(a) Provisional.



Table V-8  
 PERCENTAGE OF CHILDREN UNDER 1 YEAR RECEIVING BCG, DPT, MEASLES, AND POLIOMYELITIS  
 VACCINES, BY COUNTRY, 1977

Country	BCG	DPT		Measles	Poliomyelitis	
		1st. dose	3rd. dose		1st. dose	3rd. dose
Antigua	-	53	32	-	67	58
Bahamas	73	...	...	...	...	...
Belize	40	74	38	4	64	33
Chile	86	95	84	86	91	86
Colombia	28	25	9	5	29	12
Costa Rica	69	77	50	2	70	43
Cuba	82	79	64	43	95	96
Ecuador	39	22	-	7	19	11
Falkland Islands	80	38	8	-	48	13
French Guiana	...	10	10	...	10	10
Guadeloupe	59	-	-	...	-	-
Guyana	46	58	29	...	74	56
Haiti	10	6	2	...	2	1
Mexico	4	12	8	24	15	8
Panama	57	66	36	33	87	39
Peru	100	46	19	27	44	17
St. Kitts-Nevis and Anguilla (a)	...	88	76	...	72	67
Trinidad and Tobago	-	53	33	-	60	36
Turks and Caicos Islands	48	76	72	57	57	57
United States	...	...	27	...	...	19
Uruguay	93	100	58	32	98	68
Venezuela	...	78	51	38	100	88
Virgin Islands (UK)	-	100	100	-	100	100

(a) Excludes Anguilla

Table V-9  
 PERCENTAGE OF CHILDREN UNDER 1 YEAR RECEIVING BCG, DPT, MEASLES, AND POLIOMYELITIS  
 VACCINES, BY COUNTRY, 1978

Country	BCG	DPT		Measles	Poliomyelitis	
		1st. dose	3rd. dose		1st. dose	3rd. dose
Antigua	-	46	24	-	51	26
Argentina	43	...	...	48	...	...
Bahamas	73	...	...	-	...	...
Barbados	2	75	63	-	70	56
Bolivia	...	20	2	9	20	2
Brazil	44	...	11	43	48	46
Cayman Islands	-	78	53	...	68	49
Chile	89	94	84	90	92	-
Colombia	32	34	17	8	34	16
Costa Rica	54	77	52	4	75	44
Cuba	83	82	67	57	93	-
Dominica	...	100	61	54	21	20
Ecuador	82	25	...	11	22	7
El Salvador	77	76	-	...	76	61
French Guiana	...	11	11	...	11	11
Guadeloupe	5	1	1	...	-	-
Guyana	14	58	32	...	57	31
Haiti	3	...	...	1	4	1
Honduras	9	55	-	24	59	31
Mexico	14	32	15	53	49	23
Nicaragua	24	36	18	...	71	17
Panama	63	69	38	42	96	39
Peru	32	37	18	19	40	18
St. Kitts-Nevis and Anguilla (a)	...	64	47	...	62	32
Trinidad and Tobago	...	49	32	...	55	37
Uruguay	...	74	45	18	67	...
Venezuela	...	71	30	39	100	80
Virgin Islands (UK)	-	8	7	-	8	6

(a) Excludes Anguilla

Table V-10  
 PERCENTAGE OF CHILDREN UNDER 1 YEAR RECEIVING BCG, DPT, MEASLES, AND POLIOMYELITIS  
 VACCINES, BY COUNTRY, 1979

Country	BCG	DPT		Measles	Poliomyelitis	
		1st. dose	3rd. dose		1st. dose	3rd. dose
Argentina	44	23	11	47	90	4
Bahamas	68	52	28	1	50	27
Barbados	-	75	62	-	75	59
Belize	35	70	41	6	57	42
Bolivia	24	30	1	12	43	11
Brazil	57	...	52	50	...	51
Cayman Islands	-	79	49	-	77	52
Chile	92	94	87	80	83	88
Colombia	46	51	17	13	48	18
Costa Rica	66	92	60	14	87	55
Cuba	95	83	71	52	96	...
Dominica	...	58	31	...	76	31
Ecuador	77	36	22	69	39	11
El Salvador	72	78	40	...	77	40
Falkland Islands	38	63	3	-	60	3
French Guiana	-	...	10	...	...	...
Grenada	-	8	5	-	8	5
Guatemala	49	59	-	...	59	-
Guyana	59	57	33	...	61	37
Honduras	16	67	22	23	77	28
Mexico	10	30	15	7	33	11
Montserrat	23	67	14	-	45	5
Panama	65	77	44	44	69	57
Paraguay	22	31	11	1	32	6
Peru	49	40	15	21	39	16
Puerto Rico	...	...	...	1	...	...
St. Kitts-Nevis and Anguilla (a)	...	78	47	...	66	25
Suriname	...	37	24	-	35	20
Trinidad and Tobago	-	52	28	-	55	28
Turks and Caicos Islands	-	29	21	-	29	21
United States (b)	...	...	27	5	...	19
Virgin Islands (U.K.)	-	100	27	...	85	14

a) Excludes Anguilla. (b) United States immunization survey.

Table V-11  
 PERCENTAGE OF CHILDREN UNDER 1 YEAR RECEIVING BCG, DPT, MEASLES,  
 AND POLIOMYELITIS VACCINES, BY COUNTRY, 1980

Country	BCG	DPT		Measles	Polio	
		1st. dose	3rd. dose		1st. dose	3rd. dose
Antigua	...	...	55	...	...	37
Argentina	64	67	42	60	100	96
Bahamas	54	55	30	-	55	29
Barbados	-	74	59	-	72	52
Belize	55	...	40	19	...	34
Bermuda	...	61	4	-	61	5
Bolivia	25	32	10	12	37	12
Brazil	55	...	50	48	...	...
Cayman Islands	...	...	50	-	...	46
Chile	95	96	81	85	94	77
Colombia	43	38	15	12	39	15
Costa Rica	73	73	55	26	72	54
Cuba	95	75	64	46	98	100
Dominica	...	...	68	...	...	57
Dominican Republic	12	91	36	29	100	46
Ecuador	54	34	7	17	38	14
El Salvador	56	57	...	...	55	...
Falkland Islands	60	50	3	-	53	5
Grenada	...	40	26	...	44	34
Guatemala	37	51	...	...	51	...
Guyana	58	58	35	-	61	40
Haiti	21	...	6	...	...	3
Honduras	26	70	30	33	70	32
Jamaica	...	...	34	...	...	25
Mexico	17	22	12	3	74	31
Montserrat	37	20	16	-	20	15
Nicaragua	33	49	15	15	53	21
Panama	68	75	46	47	77	44
Paraguay	31	40	17	10	41	14
Peru	48	35	13	20	36	14
Puerto Rico	...	...	...	4	...	...
St. Kitts-Nevis and Anguilla (a)	-	88	50	50	92	69
Saint Lucia	...	...	56	...	...	58
St. Vincent	...	...	25	...	...	25
Suriname	...	24	17	-	24	16
Trinidad and Tobago	-	54	21	-	59	31
Turks and Caicos Islands	9	8	4	-	8	4
Uruguay	95	84	52	18	83	59
Virgin Islands (U.K.)	...	...	80	...	...	95
Virgin Islands (U.S.)	...	56	30	-	55	9
Venezuela	66	53	46	40	100	80

a) Excludes Anguilla

Table VII-1  
NUMBER (IN THOUSANDS) AND PERCENTAGE OF THE POPULATION WITH  
WATER SUPPLY SERVICES IN LATIN AMERICA, AROUND 1979

Country	Year	Total					Urban					Rural					
		Population served					Population served					Population served					
		Popu- lation	House connec- tions	Easy access	Total	%	Popu- lation	House connec- tions	%	Easy access	Total	%	Popu- lation	House connec- tions	Easy access	Total	%
Argentina	1979	a) 26 393	14 625	1 081	15 706	60	21 557	14 122	66	822	14 944	69	4 836	503	259	762	16
Bahamas	1975	120	103	14	117	98	120	103	86	14	117	98	-	-	-	-	-
Barbados	1979	253	230	23	253	100	125	124	99	1	125	100	128	106	22	128	100
Belize	1977	146	65	31	96	66	80	51	64	27	78	98	66	14	4	18	27
Bolivia	1976	4 611	513	1 297	1 810	39	1 925	478	25	1 099	1 577	82	2 686	35	198	233	9
Brazil	1976	109 355	53 022	16 018	69 040	63	66 257	49 398	75	-	49 398	75	43 098	3 624	16 018	19 642	46
Chile	1979	11 059	7 676	680	8 356	76	8 427	7 452	88	373	7 825	93	2 632	224	307	531	20
Colombia	1979	25 000	14 944	1 000	15 944	64	16 000	12 910	81	1 000	13 910	87	9 000	2 034	...	2 034(b)	23
Costa Rica	1979	2 162	1 686	55	1 741	81	995	974	98	20	994	100	1 167	712	35	747	64
Cuba	1978	9 690 (a)	5 983	-	5 983	62	6 260	5 743	92	-	5 743	92	3 430	240	-	240	7
Dominica	1979	80	22	47	69	86	23	12	48	12	24	100	57	10	35	45	79
Dominican Rep.	1976	4 835	1 804	928	2 732	57	2 264	1 494	66	498	1 992	88	2 571	310	430	740	29
Ecuador	1979	7 718	2 820	1 097	3 917	51	3 753	2 661	71	692	3 353	89	3 965	159	405	564	14
El Salvador	1979	4 379	1 246	843	2 089	48	1 822	1 108	61	110	1 218	67	2 557	138	733	871	34
Guadeloupe	1975	213	75	-	75	35	...	...	...	...	...	...	213	75	-	75	35
Guatemala	1979	6 992	1 428	1 536	2 964	42	2 537	1 284	51	984	2 268	89	4 455	144	552	696	16
Guyana	1979	838	527	253	780	93	278	257	92	13	270	97	560	270	240	510	91
Haiti	1979	5 000	305	294	599	12	1 300	302	22	276	578	45	3 700	3	18	21	1
Honduras	1979	3 592	977	989	1 966	55	1 252	627	50	518	1 145	91	2 340	350	471	821	35
Jamaica	1976	2 091	1 125	590	1 715	82	620	618	100	2	620	100	1 471	507	588	1 095	74
Mexico	1977	61 974	34 610	1 750	36 360	59	39 881	27 430	69	1 750	29 180	73	22 093	7 180	-	7 180	32
Montserrat	1976	14	12	1	13	93	2	2	100	-	2	100	12	10	1	11	92
Nicaragua	1979	2 542	893	272	1 165	46	1 295	822	63	226	1 048	81	1 247	71	46	117	9
Panama	1977	1 797	1 074	409	1 483	83	929	866	93	63	929	100	868	208	346	554	64
Paraguay	1979	2 973	395	440	835	28	1 100	350	32	300	650	59	1 873	45	140	185	10
Peru	1979	17 698	7 319	1 321	8 640	49	9 580	6 514	68	1 054	7 568	79	8 118	805	267	1 072	13
St. Kitts-Nevis and Anguilla (c)	1975	38	14	24	38	100	14	8	57	6	14	100	24	6	18	24	100
Suriname	1979	420	237	122	359	85	240	192	80	48	240	100	180	45	74	119	66
Trinidad & Tobago	1973	1 084	553	412	965	89	366	285	78	35	320	87	718	268	377	645	90
Uruguay	1979	2 903	2 075	183	2 258	78	2 344	2 012	86	172	2 184	93	559	63	11	74	13
Venezuela	1976	13 307	7 753	3 000	10 753	81	9 566	6 000	63	3 000	9 000	94	3 741	1 753	-	1 753	47
Virgin Islands (UK) 1979		10	5	-	5	50	5	5	100	-	5	100	5	-	-	-	-
Latin America		329 287	164 116	34 710	198 826	60	200 917	144 204	72	13 115	157 319	78	128 370	19 912	21 595	41 507	32

(a) Current U.N. midyear population estimate. (b) House connections only. (c) Excludes Anguilla.

Table VII-2  
 NUMBER (IN THOUSANDS) AND PERCENTAGE OF THE POPULATION WITH  
 SEWERAGE SERVICES IN LATIN AMERICA, AROUND 1979

Country	Year	T o t a l			U r b a n			R u r a l		
		Popu- lation	Population Served		Popu- lation	Population Served		Popu- lation	Population Served	
			Number	%		Number	%		Number	%
Argentina	1979	26 393 (a)	7 209	27	21 557	7 209	33	4 836	-	-
Bahamas	1975	120	14	12	120	14	12	-	-	-
Barbados	1979	253	...	...	125	...	...	128	...	...
Belize	1977	146	5	3	80	4	5	66	1	2
Bolivia	1976	4 611	892	19	1 925	892	46	2 686	-	-
Brazil	1976	109 355	22 752	21	66 257	22 752	34	43 098	-	-
Chile	1979	11 059	5 266	48	8 427	5 261	5	2 632	5	0
Colombia	1979	25 000	11 441	46	16 000	10 850	68	9 000	591	7
Costa Rica	1979	2 162	428	20	995	428	43	1 167	...	...
Cuba	1978	9 690 (a)	3 155	33	6 260	2 915	46	3 430	240	7
Dominica	1979	80	...	...	23	...	...	57	...	...
Dominican Republic	1976	4 835	1 030	21	2 264	600	27	2 571	430	17
Ecuador	1979	7 718	3 115	40	3 753	2 690	72	3 965	425	11
El Salvador	1979	4 379	854	20	1 822	854	47	2 557	-	-
Guadeloupe	1975	213	...	...	...	-	-	213	...	...
Guatemala	1979	6 992	854	12	2 537	854	34	4 455	-	-
Guyana	1979	838	119	14	278	119	43	560	-	-
Haiti	1979	5 000	95	2	1 300	-	-	3 700	95	3
Honduras	1979	3 592	538	15	1 252	537	43	2 340	1	0
Jamaica	1976	2 091	153	7	620	133	21	1 471	20	1
Mexico	1977	61 974	16 483	27	39 881	16 390	41	22 093	93	0
Montserrat	1976	14	-	-	2	-	-	12	-	-
Nicaragua	1979	2 542	403	16	1 295	403	31	1 247	...	...
Panama	1976	1 797	1 563	87	929	903	97	868	660	78
Paraguay	1979	2 973	260	9	1 100	260	24	1 873	-	-
Peru	1979	17 698	5 269	30	9 580	5 256	55	8 118	13	0
St. Kitts-Nevis and Anguilla (b)	1975	38	-	-	14	-	-	24	-	-
Suriname	1979	420	87	21	240	87	36	180	-	-
Trinidad & Tobago	1973	1 084	292	27	366	252	69	718	40	6
Uruguay	1979	2 903	1 446	50	2 344	1 446	62	559	...	...
Venezuela	1976	13 307	5 267	40	9 566	5 000	52	3 741	267	7
Virgin Islands (UK)	1979	10	-	-	5	-	-	5	-	-
Latin America		329 287	88 990	27	200 917	86 109	43	128 370	2 881	2

(0) Less than 0.5 percent. (a) Current U.N. midyear population estimate. (b) Excludes Anguilla.





## **ANNEX VIII**

Table VIII-1  
 NUMBER OF DEATHS (ICD-9th REVISION) FROM SPECIFIC CAUSES WITH CRUDE AND  
 AGE-ADJUSTED DEATH RATES PER 100,000 POPULATION

BRAZIL (REPORTING AREA)			
1979			
CAUSE	NUMBER	CRUDE RATE	AGE ADJUSTED RATE
ALL CAUSES .....	707378	717.9	765.4
CHOLERA (001).....	-	-	-
TYPHOID AND PARATYPHOID FEVER (002).....	126	0.1	0.1
FOOD POISONING (003,005).....	400	0.4	0.4
SHIGELLOSIS AND AMEBIASIS (004,006).....	235	0.2	0.2
OTHER INTESTINAL INFECTIONS (007-009).....	42079	42.7	43.9
TUBERCULOSIS OF RESPIRATORY SYSTEM (010-012).....	6364	6.5	6.6
OTHER TUBERCULOSIS (013-018).....	679	0.7	0.7
PLAGUE (020).....	2	0.0	0.0
DIPHTHERIA (032).....	560	0.6	0.6
WHOOPING COUGH (033).....	323	0.3	0.3
MENINGOCOCCAL INFECTION (036).....	503	0.5	0.5
TETANUS (037).....	801	0.8	0.8
SEPTICEMIA (038).....	6503	6.6	6.8
ACUTE POLIOMYELITIS (045).....	342	0.3	0.3
SMALLPOX (050).....	-	-	-
MEASLES (055).....	3350	3.4	3.4
YELLOW FEVER (060).....	5	0.0	0.0
ARTHROPOD-BORNE ENCEPHALITIS (062-064).....	4	0.0	0.0
VIRAL HEPATITIS (070).....	858	0.9	0.9
RABIES (071).....	107	0.1	0.1
MALARIA (084).....	541	0.5	0.5
TRYPANOSOMIASIS (086).....	5978	6.1	6.3
SYPHILIS (090-097).....	342	0.3	0.4
ALL OTHER INFECTIOUS AND PARASITIC DISEASES (REST OF 001-139).....	3038	3.1	3.2
MALIGNANT NEOPLASM OF STOMACH (151).....	8554	8.7	9.3
MALIGNANT NEOPLASM OF COLON (153).....	2009	2.0	2.2
MALIGNANT NEOPLASM OF RECTUM, RECTOSIGMOID JUNCTION AND ANUS (154).....	1103	1.1	1.2
MALIGNANT NEOPLASM OF TRACHEA, BRONCHUS AND LUNG (162).....	5940	6.0	6.3
MALIGNANT NEOPLASM OF FEMALE BREAST (174).....	3439	3.5	3.7
MALIGNANT NEOPLASM OF CERVIX UTERI (180).....	2055	2.1	2.2
LEUKEMIA (204-208).....	2454	2.5	2.5
MALIGNANT NEOPLASM OF OTHER AND UNSPECIFIED SITES (REST OF 140-208).....	30495	30.9	33.0
OTHER AND UNSPECIFIED NEOPLASMS (210-239).....	1552	1.6	1.6
DIABETES MELLITUS (250).....	9828	10.0	10.8
KWASHIORKOR (260).....	204	0.2	0.2
NUTRITIONAL MARASMUS (261).....	1584	1.6	1.7
OTHER PROTEIN-CALORIE MALNUTRITION (262-263).....	8770	8.9	9.2
AVITAMINOSIS (264-269).....	1146	1.2	1.2
OTHER ENDOCRINE AND METABOLIC DISEASES (REST OF 240-279).....	3563	3.6	3.9
ANEMIAS (280-285).....	2232	2.3	2.3
OTHER DISEASES OF BLOOD AND BLOOD FORMING ORGANS (286-289).....	654	0.7	0.7
MENTAL DISORDERS (290-319).....	1792	1.8	1.9

73140  
 10.36%  
 0.21-0.39

Table VIII-1  
 NUMBER OF DEATHS (ICD-9th REVISION) FROM SPECIFIC CAUSES WITH CRUDE AND  
 AGE-ADJUSTED DEATH RATES PER 100,000 POPULATION

BRAZIL (REPORTING AREA)			
1979			
(CONT.)			
CAUSE	NUMBER	CRUDE RATE	AGE ADJUSTED RATE
MENINGITIS (320-322).....	3828	3.9	3.9
OTHER DISEASES OF NERVOUS SYSTEM AND SENSE ORGANS (323-389).....	5703	5.8	5.9
ACUTE RHEUMATIC FEVER (390-392).....	297	0.3	0.3
CHRONIC RHEUMATIC HEART DISEASE (393-398).....	1570	1.6	1.6
HYPERTENSIVE DISEASE (401-405).....	12312	12.5	13.9
ACUTE MYOCARDIAL INFARCTION (410).....	33786	34.3	37.3
OTHER ISCHEMIC HEART DISEASE (411-414). DISEASES OF PULMONARY CIRCULATION AND OTHER HEART DISEASE (415-429).....	45729	46.4	51.7
CEREBROVASCULAR DISEASE (430-438).....	57919	58.8	66.2
ATHEROSCLEROSIS (440).....	8750	8.9	11.5
OTHER DISEASES OF CIRCULATORY SYSTEM (441-459).....	2874	2.9	3.2
PNEUMONIA (480-486).....	35396	35.9	38.0
INFLUENZA (487).....	416	0.4	0.5
BRONCHITIS, EMPHYSEMA AND ASTHMA (490-493).....	8221	8.3	9.2
OTHER DISEASES OF RESPIRATORY SYSTEM (460-478, 494-519).....	13178	13.4	14.3
ULCER OF STOMACH AND DUODENUM (531-533) APPENDICITIS (540-543).....	436	0.4	0.5
INTESTINAL OBSTRUCTION AND HERNIA (550-553, 560).....	2300	2.3	2.5
CHRONIC LIVER DISEASE AND CIRRHOSIS (571).....	9013	9.1	9.5
OTHER DISEASES OF DIGESTIVE SYSTEM (REST OF 520-579).....	9294	9.4	10.0
NEPHRITIS, NEPHROTIC SYNDROME AND NEPHROSIS (580-589).....	6890	7.0	7.5
HYPERPLASIA OF PROSTATE (600).....	325	0.3	0.4
OTHER DISEASE OF GENITOURINARY SYSTEM (590-599, 601-629).....	2275	2.3	2.5
ABORTION (630-639).....	397	0.4	0.4
DIRECT OBSTETRIC DEATHS (640-646, 651-676).....	2137	2.2	2.1
OTHER OBSTETRIC DEATHS (647, 648, 650)...	46	0.0	0.0
CONGENITAL ANOMALIES (740-759).....	8595	8.7	8.9
BIRTH TRAUMA (767).....	649	0.7	0.7
OTHER CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-766, 768-779)...	49206	49.9	50.7
SYMPTOMS AND ILL-DEFINED CONDITIONS (780-799).....	142574	144.7	155.5
ALL OTHER DISEASES (680-739).....	1393	1.4	1.5
MOTOR VEHICLE TRAFFIC ACCIDENTS (E810-E819).....	20665	21.0	20.9
ACCIDENTAL FALLS (E880-E888).....	1805	1.8	2.1
ALL OTHER ACCIDENTS (REST OF E800-E949) SUICIDE (E950-E959).....	3509	3.6	3.5
HOMICIDE (E960-E969).....	11157	11.3	11.0
INJURY UNKNOWN WHETHER ACCIDENTALLY OR PURPOSELY INFLICTED (E980-E989).....	13301	13.5	13.2
ALL OTHER VIOLENCE (E970-E978, E990-E999).....	94	0.1	0.1

Table VIII-2  
 FIVE LEADING CAUSES OF DEATH IN BRAZIL (REPORTING AREA), ICD-9th REVISION, WITH  
 RATES PER 100,000 POPULATION, BY AGE AND SEX, 1979

PRINCIPAL CAUSES	-----TOTAL*-----				-----MALE-----				-----FEMALE-----			
	RANK ORDER	NUMBER	RATE	PER CENT	RANK ORDER	NUMBER	RATE	PER CENT	RANK ORDER	NUMBER	RATE	PER CENT
ALL AGES												
TOTAL DEATHS .....	-	707378	717.9	100.0	-	406571	829.7	100.0	-	299780	605.3	100.0
DISEASES OF THE HEART (390-429).....	1	108051	109.7	15.3	1	59401	121.2	14.6	1	48538	98.0	16.2
CEREBROVASCULAR DISEASE (430-438).....	2	57919	58.8	8.2	3	29955	61.1	7.4	2	27910	56.4	9.3
MALIGNANT NEOPLASMS (140-208).....	3	56049	56.9	7.9	2	30767	62.8	7.6	3	25258	51.0	8.4
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779).....	4	49855	50.6	7.0	4	28535	58.2	7.0	4	21106	42.6	7.0
INTESTINAL INFECTIONS DUE TO SPECIFIED ORGANISMS AND ILL-DEFINED (007-009).....	5	42079	42.7	5.9	-	23493	47.9	5.8	5	18548	37.5	6.2
ACCIDENTS (E800-E949).....	-	36686	37.2	5.2	5	28154	57.5	6.9	-	8478	17.1	2.8
UNDER 1 YEAR												
TOTAL DEATHS .....	-	179128 ✓	6176.8	100.0	-	100953	6730.2	100.0	-	77857	5561.2	100.0
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779).....	1	48860	1684.8	27.3	1	28002	1866.8	27.7	1	20687	1477.6	26.6
INTESTINAL INFECTIONS DUE TO SPECIFIED ORGANISMS AND ILL-DEFINED (007-009).....	2	35506	1224.3	19.8	2	20072	1338.1	19.9	2	15411	1100.8	19.8
INFLUENZA AND PNEUMONIA (480-487).....	3	18447	636.1	10.3	3	10381	692.1	10.3	3	8035	573.9	10.3
NUTRITIONAL DEFICIENCIES (260-269).....	4	8213	283.2	4.6	4	4703	313.5	4.7	4	3497	249.8	4.5
CONGENITAL ANOMALIES (740-759).....	5	7092	244.6	4.0	5	3868	257.9	3.8	5	3200	228.6	4.1

\* Totals may include deaths for which sex was not specified.

115 = 210 329  
 30 2 90

Table VIII-2  
 FIVE LEADING CAUSES OF DEATH IN BRAZIL (REPORTING AREA), ICD-9th REVISION, WITH  
 RATES PER 100,000 POPULATION, BY AGE AND SEX, 1979

PRINCIPAL CAUSES	-----TOTAL*-----				-----MALE-----				-----FEMALE-----			
	RANK ORDER	NUMBER	RATE	PER CENT	RANK ORDER	NUMBER	RATE	PER CENT	RANK ORDER	NUMBER	RATE	PER CENT
1-4 YEARS												
TOTAL DEATHS .....	-	34201	273.3	100.0	-	17862	282.2	100.0	-	16300	263.5	100.0
INFLUENZA AND PNEUMONIA (480-487).....	1	4734	37.8	13.8	1	2390	37.8	13.4	1	2340	37.8	14.4
INTESTINAL INFECTIONS DUE TO SPECIFIED ORGANISMS AND ILL-DEFINED (007-009)....	2	3955	31.6	11.6	2	2052	32.4	11.5	2	1897	30.7	11.6
ACCIDENTS (E800-E949).....	3	1964	15.7	5.7	3	1148	18.1	6.4	4	813	13.1	5.0
MEASLES (055).....	4	1671	13.4	4.9	5	835	13.2	4.7	3	835	13.5	5.1
NUTRITIONAL DEFICIENCIES (260-269).....	5	1652	13.2	4.8	4	838	13.2	4.7	5	810	13.1	5.0
5-14 YEARS												
TOTAL DEATHS .....	-	15942	64.7	100.0	-	9435	76.0	100.0	-	6489	53.1	100.0
ACCIDENTS (E800-E949).....	1	4063	16.5	25.5	1	2704	21.8	28.7	1	1355	11.1	20.9
INFLUENZA AND PNEUMONIA (480-487).....	2	989	4.0	6.2	3	534	4.3	5.7	2	452	3.7	7.0
MALIGNANT NEOPLASMS (140-208).....	3	946	3.8	5.9	2	560	4.5	5.9	3	384	3.1	5.9
DISEASES OF THE HEART (390-429).....	4	679	2.8	4.3	4	356	2.9	3.8	4	322	2.6	5.0
INTESTINAL INFECTIONS DUE TO SPECIFIED ORGANISMS AND ILL-DEFINED (007-009)....	5	379	1.5	2.4	5	202	1.6	2.1	5	176	1.4	2.7

\* Totals may include deaths for which sex was not specified.

Table VIII-2  
 FIVE LEADING CAUSES OF DEATH IN BRAZIL (REPORTING AREA), ICD-9th REVISION, WITH  
 RATES PER 100,000 POPULATION, BY AGE AND SEX, 1979

PRINCIPAL CAUSES	-----TOTAL*-----				-----MALE-----				-----FEMALE-----			
	RANK ORDER	NUMBER	RATE	PER CENT	RANK ORDER	NUMBER	RATE	PER CENT	RANK ORDER	NUMBER	RATE	PER CENT
15 - 49 YEARS												
TOTAL DEATHS .....	-	140586	297.3	100.0	-	91355	391.3	100.0	-	49114	205.1	100.0
ACCIDENTS (E800-E949).....	1	21548	45.6	15.3	1	17984	77.0	19.7	4	3545	14.8	7.2
DISEASES OF THE HEART (390-429).....	2	18178	38.4	12.9	2	10686	45.8	11.7	1	7479	31.2	15.2
MALIGNANT NEOPLASMS (140-208).....	3	11956	25.3	8.5	4	5790	24.8	6.3	2	6160	25.7	12.5
HOMICIDE, LEGAL INTERVENTION AND OPERATIONS OF WAR (E960-E978, E990-E999)	4	9477	20.0	6.7	3	8513	36.5	9.3	-	954	4.0	1.9
CEREBROVASCULAR DISEASE (430-438).....	5	8552	18.1	6.1	5	4591	19.7	5.0	3	3957	16.5	8.1
COMPLICATIONS OF PREGNANCY, CHILDBIRTH, AND THE PUERPERIUM (630-676).....	-	2523	5.3	1.8	-	0	0.0	0.0	5	2528	10.6	5.1
50 - 64 YEARS												
TOTAL DEATHS .....	-	112946	1441.9	100.0	-	70359	1815.7	100.0	-	42489	1073.5	100.0
DISEASES OF THE HEART (390-429).....	1	28210	360.1	25.0	1	17681	456.3	25.1	1	10500	265.3	24.7
MALIGNANT NEOPLASMS (140-208).....	2	18827	240.4	16.7	2	10778	278.1	15.3	2	8044	203.2	18.9
CEREBROVASCULAR DISEASE (430-438).....	3	14602	186.4	12.9	3	8452	218.1	12.0	3	6142	155.2	14.5
ACCIDENTS (E800-E949).....	4	4347	55.5	3.8	4	3371	87.0	4.8	5	966	24.4	2.3
DIABETES MELLITUS (250).....	5	2999	38.3	2.7	-	1320	34.1	1.9	4	1678	42.4	3.9
CHRONIC LIVER DISEASE AND CIRRHOSIS (571).....	-	2748	35.1	2.4	5	2152	55.5	3.1	-	596	15.1	1.4

\* Totals may include deaths for which sex was not specified.

Table VIII-2  
 FIVE LEADING CAUSES OF DEATH IN BRAZIL (REPORTING AREA), ICD-9th REVISION, WITH  
 RATES PER 100,000 POPULATION, BY AGE AND SEX, 1979

PRINCIPAL CAUSES	-----TOTAL*-----				-----MALE-----				-----FEMALE-----			
	RANK ORDER	NUMBER	RATE	PER CENT	RANK ORDER	NUMBER	RATE	PER CENT	RANK ORDER	NUMBER	RATE	PER CENT
65 YEARS AND OVER												
TOTAL DEATHS .....	-	217757	6696.1	100.0	-	112603	7408.1	100.0	-	104973	6060.8	100.0
CEREBROVASCULAR DISEASE (430-438).....	1	34086	1048.2	15.7	1	16549	1088.8	14.7	1	17508	1010.9	16.7
DISEASES OF THE HEART (390-429).....	2	25045	770.1	11.5	2	12279	807.8	10.9	2	12748	736.0	12.1
DIABETES MELLITUS (250).....	3	5133	157.8	2.4	4	1863	122.6	1.7	3	3269	188.7	3.1
BRONCHITIS, EMPHYSEMA AND ASTHMA (490-493).....	4	4727	145.4	2.2	3	3025	199.0	2.7	4	1697	98.0	1.6
NEPHRITIS, NEPHROTIC SYNDROME AND NEPHROSIS (580-589).....	5	2686	82.6	1.2	5	1478	97.2	1.3	5	1207	69.7	1.1

\* Totals may include deaths for which sex was not specified.