

REPORTED CASES OF NOTIFIABLE DISEASES IN THE AMERICAS, 1966



PAN AMERICAN HEALTH ORGANIZATION
Pan American Sanitary Bureau, Regional Office of the
WORLD HEALTH ORGANIZATION

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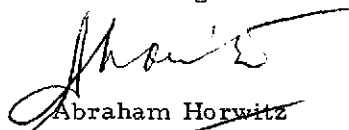
FOREWORD

The reading of this report, the ninth in a series, makes clear the priority which control programs for communicable diseases have and should continue to have in order to reduce morbidity and mortality rates in the countries of the Americas. As the data analyzed show, there have been substantial decreases which are reflected in the lower numbers of cases and of deaths due to these causes. However, the figures which are still being recorded indicate that techniques for the prevention and cure of some of these diseases are not being applied even now at a level to interrupt their spread in the community. Their severity is proportionally greater in children, especially in those who are in advanced states of malnutrition. From this fact emerges the necessity for simultaneous actions to immunize all those exposed to the risk of disease and to improve their nutrition with a well-balanced diet.

The published reports permit the construction of the natural history of the infections of most frequent occurrence in the Americas which are susceptible to efficient control. Without health statistics, complete in the sense that under-registration is as low as possible, accurate with respect to etiological diagnosis and published opportunely, it is difficult to organize programs of prevention and cure related to each disease. Thus, statistics is an essential instrument in promotion and recovery of health.

We hope that this report will contribute to the extension of programs of the Governments and to the reduction of morbidity and mortality due to the communicable diseases while at the same time improvement is occurring in the quality of the information which reflects their impact in our societies.

The data contained are a result of the perceptiveness shown by the Ministers of Health of the Americas and of their interest in the coordinating activities which they have assigned to our Organization.


Abraham Horwitz
Director

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EXPLANATION OF SYMBOLS

Category not applicable
Data not available
Provisional data	+
Disease not notifiable	*
Quantity zero	-
Rate less than 0.05	0.0
Rate based on less than 10 cases in a population of less than 20,000	()

INTRODUCTION

This report for the year 1966 is the ninth of a series of publications containing statistics of notifiable diseases in the Americas for the years since 1946.⁽¹⁾ International exchange of data on communicable diseases has always been a responsibility of the Pan American Health Organization. The basis for the procedures governing the international reporting of these diseases is set forth in the *International Sanitary Regulations*⁽²⁾ and the *Pan American Sanitary Code*.⁽³⁾ Detailed descriptions of the procedures are given in the publication *Guide for the Reporting of Statistical Information in the Health Field*.⁽⁴⁾

National systems for reporting of notifiable diseases are the sources of the information available to the Pan American Health Organization and the World Health Organization. These systems vary not only with respect to the diseases included by national laws or regulations but also in the completeness of reporting and the quality and reliability of diagnostic information. However, the six quarantinable diseases, namely, cholera, plague, louse-borne relapsing fever, louse-borne typhus, smallpox and yellow fever, are notifiable in all countries in ac-

cordance with international agreements.

The revised data presented in this report have been taken from the replies of national health administrations to a joint annual questionnaire of the Pan American Health Organization and Headquarters of the World Health Organization. Revised information for 1966 was provided by almost all of the countries and other areas of the Americas. In a few instances, the data have been supplemented by provisional figures obtained from the weekly or monthly reports.

Data on deaths constitute an important contribution to the completeness of reporting of some communicable diseases and to an understanding of the epidemiology of many. For this reason, since 1961 the publications of this series have included mortality data obtained through the national death registration systems.

The Veterinary Services of the Ministries of Health or of Agriculture have provided information on cases and other indices of zoonoses in animals.

ORGANIZATION OF REPORT

The available information for each of the countries and territories of the Region of the Americas is presented in eight main tables (I-VIII). The structure is similar to that of previous reports. Tables I and II give the total numbers of reported cases of 41 communicable diseases in 1966 with rates per 100,000 population. For comparison the numbers of cases reported in 1965 and the

five-year medians for 1961-1965 are shown. If data are not available for every year of the period, the medians are based on data for four or for three years.

Distributions of the reported cases by month of occurrence are shown for selected diseases in Table III and the age distributions of reported cases of some diseases ap-

(1) *Reported Cases of Notifiable Diseases in the Americas, 1946-1965*, PAHO, Scientific Publications Nos. 38, 48, 58, 86, 102, 114, 135, 149.

(2) *International Sanitary Regulations*, Third Annotated Edition, WHO, 1966.

(3) *Pan American Sanitary Code*, in Official Document No. 88, PAHO, March 1969.

(4) *Guide for the Reporting of Statistical Information in the Health Field*, PAHO, Miscellaneous Publication No. 78, December 1964.

pear in Table IV. The geographical occurrence of the quarantinable diseases and of leprosy, malaria and yaws is presented by major political divisions of each country in Table V. Data on cases of zoonoses in man and animals are contained in Table VI. Table VII gives data on deaths from the listed communicable diseases in 1966.

Table VIII summarizes for 1965 and 1966 the total numbers of reported cases and of deaths from 50 communicable diseases with rates per 100,000 population for the three regions of the Americas: Northern America, Middle America, and South America. The first of these regions includes Canada, the United States, Bermuda, and St. Pierre and Miquelon. Middle America is composed of Mexico, Central America, Panama, and the countries and territories of the Caribbean. The countries and territories of South America and the Falkland Islands constitute the third region. Greenland, a part of the European Region of WHO, is excluded. Except for the quarantinable diseases, the regional summary figures do not include data for all the countries or for the same coun-

tries for every disease and for each of the years.

Two appendix tables provide population figures for 1966. Estimated midyear populations of all the countries and territories of the Americas are shown in Table A; these estimates are based on figures published by the United Nations. Table B gives estimated population of reporting areas in six countries and one territory for which the reporting systems do not cover the entire country. These latter data were provided by the national health authorities.

In each of the eight main tables of the report, the diseases are arranged in alphabetical order. The category number of the disease from the *International Classification of Diseases*, 1955 Revision⁽¹⁾, is shown in parentheses.

In addition to supplying background information, the introduction to the report contains an analysis of the occurrence of selected communicable diseases in the Region.

COMPLETENESS OF REPORTING

An understanding of the national reporting systems and of special local situations affecting notification is helpful for the interpretation of the data presented in this report. The countries and other areas of the Americas differ widely in the extent to which the cases of notifiable diseases are reported to the health authorities. The degree of completeness depends on the adequacy and effectiveness of the national and local reporting systems. There may be wide variations between different parts of the same country. Omissions tend to be substantial where medical personnel and facilities are scarce or unevenly distributed and where travel and communications are difficult. Also, the cases of less serious diseases for which medical care

is not usually sought are more likely to be underreported.

For diseases with an appreciable case fatality rate, comparison of the numbers of reported cases with those of registered deaths may provide a measure of the degree of underreporting. Analysis of the time trend of particular diseases may be complicated by the effects of special programs for control or eradication. A malaria eradication campaign or a tuberculosis control program, for instance, may initially lead to a substantial increase in the number of cases diagnosed and reported. Variations in the criteria for diagnosis or in the definition of cases also affect both the comparison of reported incidence in different areas and the trends.

(1) *International Classification of Diseases*, 1955 Revision, Vols. 1 and 2, WHO, 1957.

REPORTING AREAS

In some countries of the Americas reporting of notifiable diseases, other than the quarantinable, is limited to a "reporting area". This is usually not a contiguous area; it may consist of all localities with access to health services or of selected communities meeting certain requirements as to adequacy of reporting (e.g. communities reporting for every month of the year). In 1966 reporting areas were defined in Bolivia, El Salvador, Honduras, Paraguay, Peru, Venezuela and Surinam.

Data for Brazil were not available except for the quarantinable diseases and malaria. For some diseases, data for the State of São Paulo are included. São Paulo is a large state with an estimated population of 15,564,000 in 1966. However, the incidence of diseases in this state is not necessarily typical of the rest of Brazil.

Population estimates for the reporting areas are given in Appendix Table B. The

proportion of the total population of each country living in these areas in 1965 and 1966 is shown in Table 1. Changes in percentages have been slight between these two years. For El Salvador the data on notifiable diseases for 1963 and 1964 were for the entire country, but in 1965 a reporting area covering 75 per cent of the total population was defined.

Table 1. Percentage of Population Living in Reporting Areas, by Country, 1965 and 1966

Country	1965	1966
Bolivia		50
El Salvador	75	75
Honduras	50	58
Paraguay	52	52
Peru	52	51
Venezuela	69	69
Surinam	89	89

QUARANTINABLE DISEASES

The six quarantinable diseases are notifiable in the entire Region of the Americas. International agreements require that the national health administrations report cases promptly to the Pan American Sanitary Bureau and to Headquarters of the World Health Organization. The World Health Organization distributes the information on infected areas to all countries of the world.

Table 2 shows the total number of cases of five of these six quarantinable diseases reported in the Americas during the ten years 1957-1966. Cholera has not oc-

curred in the Hemisphere for over 50 years, except for two cases of laboratory infection in 1965. Louse-borne relapsing fever occurs rarely and only one case was reported in 1966.

Plague, smallpox, louse-borne typhus and jungle yellow fever still cause serious outbreaks. The distribution of cases by country in 1965 and 1966 is given in Table 3. The major political divisions within these countries, where cases occurred in 1966, are shown in Table V and Figures 1 to 4.

Table 2. Reported Cases of Quarantinable Diseases in the Americas, 1957-1966

Year	Cholera	Plague	Relapsing fever, louse-borne	Smallpox (a)	Typhus, louse-borne	Yellow fever
1957	-	154	-	7 222	747	80
1958	-	97	6	5 301	818	61
1959	-	93	20	6 045	659	30
1960	-	258	4	8 532	668	34
1961	-	308	2	9 065	474	82
1962	-	527	3	9 852	557	52
1963	-	423	-	7 348	465	141
1964	-	653	-	3 621	279	98
1965	b) 2	845	-	3 484	461	87
1966	-	897	1	3 565	461	304

(a) These Regional totals have been revised on the basis of more complete reports from Brazil. (b) Laboratory-acquired cholera.

Table 3. Reported Cases of Quarantinable Diseases, by Country, 1965 and 1966

Country	1965				1966			
	Plague	Small-pox	Typhus, louse-borne	Yellow fever	Plague	Small-pox	Typhus, louse-borne	Yellow fever
Total	845	3 484	461	87	897	3 565	461	304
Argentina	-	a) 15	-	2	-	21	-	51
Bolivia	149	-	126	19	3	-	206	69
Brazil	119	3 269	-	b) 14	48	3 518	-	167
Chile	-	-	11	-	-	-	6	-
Colombia	-	149	-	2	-	b) 8	-	3
Ecuador	369	-	189	-	171	-	130	-
Mexico	-	-	34	-	-	-	75	-
Paraguay	-	32	-	-	-	5	-	-
Peru (c)	200	18	101	45	669	13	44	9
United States (d)	8	-	-	-	a) 6	-	-	-
Uruguay	-	e) 1	-	-	-	-	-	-
Venezuela	-	-	-	5	-	-	-	5

(a) Including imported cases. (b) Confirmed cases only. (c) One case of louse-borne relapsing fever was reported in 1966. (d) Two cases of laboratory-acquired cholera were reported in 1965. (e) Imported.

a. Plague

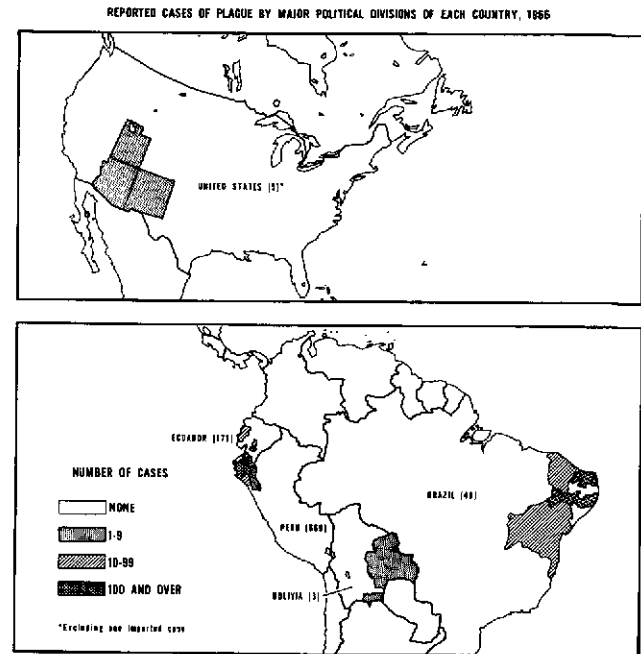
The total number of reported cases of plague again increased in 1966, continuing the upward trend since 1960. Cases decreased in all countries except Peru where a large increase was due to a major epidemic in four provinces of the northern department of Piura.

These four provinces, Ayabaca, Huanacabamba, Morropón and Sullana, are in the mountainous region in which plague has been enzootic among wild rodents since its introduction around 1920. Seasonal outbreaks with from 15 to 151 human cases occurred in each of the years 1956-1965, but the 1966 epidemic surpassed these with a total of 586 cases. The incidence began to rise in September 1965 and reached a peak of 185 cases in February 1966. Epidemics of human cases are undoubtedly due to increases in the population of wild rodents and their ectoparasites and to factors which bring them into proximity with humans. An apparent extension of the epidemic in Piura occurred from December 1965 to August 1966 in the Departments of Cajamarca and Lambayeque, with a total of 83 cases for 1966.

The ecological problems of enzootic plague in northern Peru are believed to be similar to those of the contiguous region of southern Ecuador. For this reason, the "border region" is sometimes considered as a single area in studies of plague. Epidemics have rarely occurred simultaneously in Ecuador and Peru. In the Provinces of El Oro and Loja, Ecuador, the number of reported cases declined from 248 in 1965 to 134 in 1966. The seasonal peak of 76 cases occurred in October 1965, four months earlier than that in Peru.

In the coastal Manabí Province of Ecuador more than 100 cases were reported

Figure 1



in each of the years 1962-1965, but only 18 in 1966. The port of Manta was free of cases during the entire year, for the first time since 1961. The affected areas of the Provinces of Cañar and Chimborazo, where 19 cases were reported, are situated some 90 miles to the north of the border region, but are also mountainous and share much the same climate.

Two of the three cases reported in Bolivia occurred in Tarija Department which borders Argentina. The other case occurred in an area of Santa Cruz Department, northwest of the capital where plague had not been observed since 1950.

In Brazil, 35 cases were reported in the northeastern states of Ceará, Pernambuco and Rio Grande do Norte, reflecting a continued decrease since the epidemic of 1964 (273 cases in the Northeast). In the State of Bahia, 13 cases were confirmed as compared with 36 in 1965 and 12 in 1964.

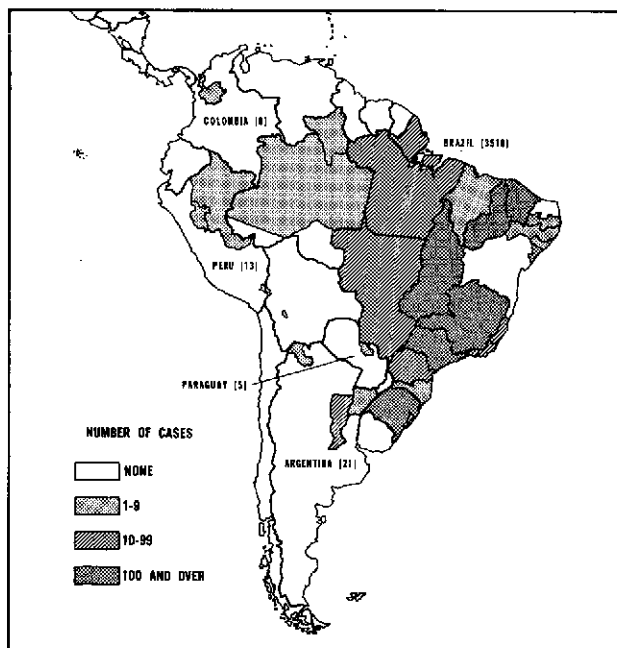
Five human cases due to the enzootic infection among wild rodents were reported in the United States, one in the State of Arizona, three in New Mexico and one in Utah. One imported case was infected in Viet-Nam. A report of infected wild rodents in the State of California was received during the year.

b. Smallpox

Brazil accounted for almost 99 per cent of the cases of smallpox reported in the Americas in 1966; the corresponding percentage for 1965 was 94. A slight increase in cases in Brazil during 1966 was the result of the more complete reporting generated by the national eradication campaign. The increase in reported cases has continued in 1967 but a sharp decline may soon be expected to occur as a result of mass vaccination campaigns carried out through the national and state programs.

Figure 2

REPORTED CASES OF SMALLPOX BY MAJOR POLITICAL DIVISIONS OF EACH COUNTRY, 1966



Cases were reported in three northern provinces of Argentina and in the Department of Concepción, Paraguay, which borders Brazil. The disease persisted in the Amazonic region of Peru with 13 cases reported.

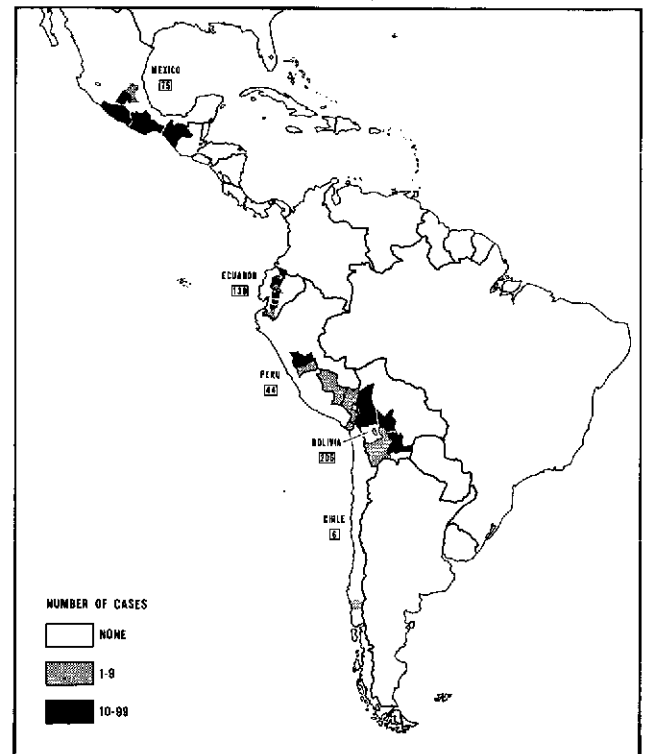
In Colombia, eight confirmed cases were reported in the Department of Antioquia which had 33 confirmed and 34 unconfirmed cases in 1965.

c. Louse-borne typhus

The reported incidence of louse-borne typhus increased for Bolivia and Mexico in 1966 as compared with 1965, and decreased for Ecuador and Peru. A small outbreak was again reported in Chile.

Figure 3

REPORTED CASES OF LOUSE-BORNE TYPHUS BY MAJOR POLITICAL DIVISIONS OF EACH COUNTRY, 1966



Of the total of 461 cases for the Americas, 408 were reported in 39 outbreaks in rural communities. As in previous years, the disease occurred in mountainous regions where a cool climate prevails.

d. Jungle yellow fever

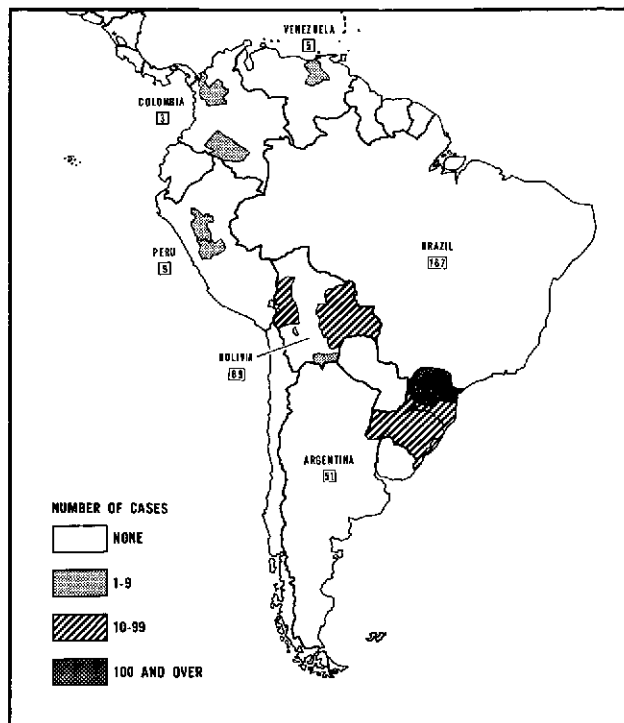
Several outbreaks of jungle yellow fever in Argentina, Bolivia and Brazil during 1966 are principally responsible for the unusually high total number of reported cases for that year.

The cyclic wave of the infection in jungle animals and mosquitoes southward from the Amazon basin, which was first observed in 1964, reached Misiones Province, Argentina, in December 1965. In that month and the first three months of 1966, 53 cases occurred in two areas of Misiones Province and one area of Corrientes Province, near the Uruguay River. Eighteen of the cases were fatal, and of these eight were confirmed by histopathological examination. The virus was isolated in three nonfatal cases. The epidemiological characteristics of the disease are reflected in the occupations of the 41 adult males affected; 18 were farmers, 13 wood cutters, 5 sailors, three tractor or truck drivers, one a physician and one retired. As the mosquito vectors inhabit the forest canopy, persons engaged in clearing forest land for farms, settlements or roads are most frequently infected.

On the other side of the Uruguay River, a more extensive region of southern Brazil was affected by the epizootic wave of infection, comprising the western part of the States of Paraná, Santa Catarina and Rio Grande do Sul. In these states 167 cases were clinically diagnosed, of which 63 were fatal and 22 were confirmed by histopathology. The affected area stretched to the east as far as Piratuba in Santa Catarina and to Passo Fundo in Rio Grande do Sul, and southward to São Luis Gonzaga along the Uruguay River.

Figure 4

REPORTED CASES OF JUNGLE YELLOW FEVER BY MAJOR POLITICAL DIVISIONS OF EACH COUNTRY, 1966



A northward wave from the Amazon basin reached an area of Anzoátegui State, Venezuela, bordering the Caribbean, in 1966. Five persons who engaged in tilling small plots of ground surrounded by forest were affected, four of them fatally. All of the cases were confirmed by laboratory methods.

Outbreaks occurred in the southern and eastern regions of Santa Cruz Department, Bolivia, with a total of 52 reported cases, and one case was reported in Yacuiba Canton, Tarija Department, which borders the Province of Salta, Argentina. Sixteen cases were also reported in the jungle areas of La Paz Department, including Caranavi Canton which has reported cases in six of the last ten years.

In Peru, six cases were reported in a region of Huánuco Department which has been affected with unusual frequency since

1960 since cases have occurred in each of the seven years 1960-1966. There were also three cases in Mariscal Cáceres Province of San Martín Department which last reported a case in 1964. Of the nine cases diagnosed in Peru, eight were fatal.

In Colombia, one confirmed fatal case occurred in an area of the Magdalena River Valley, in the Department of Antioquia, and two confirmed fatal cases in the Amazon Basin, in the Intendency of Caquetá.

DIPHTHERIA

During the past fifteen years, the reported cases of diphtheria have declined substantially in many countries of the Americas (Table 4). In all but five the number of reported cases per 100,000 population has decreased and in 11 by over two-thirds in the period 1952-1966.

Table 5 presents available data on the number of persons immunized against diph-

theria during 1962-1966. For countries with information for at least three of these five years, the total number of immunizations reported during this period is given in relation to the 1966 population under five years of age. It is clear that extension of immunization programs is needed since large numbers of children are not presently being immunized.

Table 4. Average Annual Reported Cases of Diphtheria with Rates per 100,000 Population, by Country, 1952-1953 and 1965-1966

Country	1952-1953		1965-1966		Percentage decrease
	Number	Rate	Number	Rate	
Argentina	3 112	17.3	1 905	8.5	51
Barbados	10	4.8	5	2.0	58
Bolivia	104	3.3	194	7.0	(112)
Canada	161	1.1	44	0.2	80
Chile	1 136	17.8	1 056	12.2	31
Colombia	a) 1 694	19.7	722	3.9	80
Costa Rica	240	27.7	32	2.2	92
Cuba	160	2.8	984	6.4	(129)
Dominican Republic	142	6.1	332	9.0	(48)
Ecuador	296	8.5	165	3.2	62
El Salvador (a)	208	22.9	183	8.2	64
Guatemala	72	2.4	84	1.9	21
Guyana	30	6.6	16	2.4	64
Haiti	66	1.9	16	0.4	79
Honduras (a)	...	...	18	0.6	...
Jamaica	35	2.4	22	1.2	50
Mexico	1 068	3.8	422	1.0	74
Nicaragua	36	3.2	2	0.1	97
Panama	37	4.3	20	1.5	65
Paraguay (a)	220	16.9	37	3.4	80
Peru (a)	170	4.7	44	0.7	85
Trinidad and Tobago	116	17.3	56	5.6	68
United States	2 724	1.7	186	0.1	94
Uruguay	196	8.6	377	13.8	(60)
Venezuela (a)	485	16.1	318	5.2	68

(a) Reporting area. () Percentage increase.

Table 5. Number of Persons Immunized Against Diphtheria, 1962-1966, and Ratio of Total Immunizations in Period per 100 Population Under Five Years of Age in 1966

Country	Number of persons immunized					Ratio (a)
	1962	1963	1964	1965	1966	
Argentina	562 870	411 047	...	600 741	...	105
Barbados	1 471	...	5 813	...	1 637	44
Bolivia	...	30 794	...	...	39 193	...
Brazil (b)	68 104	92 005	58 673	57 720	...	...
Chile	463 155	436 930	440 217	387 360	482 231	169
Colombia	368 013	464 044	390 512	260 039	357 685	56
Costa Rica	19 582	...	c) 60 209	...	162 555	...
Cuba	416 857	d) 788 844	175 408	...	381 739	...
Dominican Republic	e) 5 370	5 184	...	...	c) 72 784	...
Ecuador	37 000	...	164 328	31 231	23 966	35
El Salvador	14 421	23 330	...	41 687	29 058	26
Guatemala	30 671	18 498	69 579	59 971	87 259	55
Haiti	55	...	...	178	16.915	...
Honduras	9 881	5 184	14 272	47 204	6 206	18
Jamaica	4 347	60 495	29 069	...	10 435	43
Mexico	424 680	444 825	698 868	374 477	503 506	33
Nicaragua	7 398	14 126	21 331	11 606	...	22
Panama	7 400	9 109	26 233	30 688	30 062	48
Paraguay (e)	8 137	6 939	9 287	7 912	31 319	18
Peru	76 427	...	109 391	139 353	84 414	25
United States	c,f) 11 240 145	...	...	...	...	g) 78
Venezuela	201 400	193 902	153 309	260 368	129 832	59

(a) Calculated for countries with data for three or more years and with population data.
 (b) São Paulo State; excluding capital 1962-1964. (c) Number of doses. (d) October 1962 to December 1963. (e) Including boosters. (f) Excluding immunizations by private physicians or in other non-governmental facilities. (g) Estimate of children 1-4 years of age immunized with DPT in 1967.

In Table 6 are given reported cases and deaths from diphtheria with rates per 100,000 population in the three regions of the Americas during the ten years 1957-1966. Diphtheria morbidity and mortality in Latin America remain at much higher levels than in Northern America. In 1966 the reported case rates in Middle and South America were 20 and 65 times the rate in Northern America. Of the 6,713 cases of diphtheria reported in 1966 in the Region (excluding Brazil), approximately three-fourths were in South America. Less than 4 per cent were in Northern America. In 1966 nearly 1,200 deaths from diphtheria were recorded in the countries with data available. About 57 per

cent of these deaths occurred in South America, 41 per cent in Middle America, and 2 per cent in Northern America.

Diphtheria is primarily a childhood disease. However, as shown in Figure 5, in a few countries (Bolivia, Cuba and Uruguay) more than 50 per cent of cases reported by age in 1965-1966 occurred in persons over 15 years of age; in Canada, Chile, Colombia and the United States, more than 20 per cent of cases were in adults. In most countries a greater proportion of cases occur in children of school age than in either of the younger age groups shown.

Table 7 presents average annual age specific rates of reported cases of diphtheria in countries where data were available for 1965-1966. With few exceptions, the highest attack rates are found in children 1-4

years of age. Relatively high rates are also observed among school age children in Chile, and among infants in Chile, Colombia, Paraguay and Uruguay.

Table 6. Reported Cases and Deaths from Diphtheria with Rates per 100,000 Population in Three Regions of the Americas, 1957-1966

Year	Northern America				Middle America				South America			
	Cases		Deaths		Cases (a)		Deaths (b)		Cases (c)		Deaths (d)	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1957	1 359	0.7	102	0.05	2 817	3.0	696	1.2	6 450	11.0	859	2.2
1958	984	0.5	82	0.04	1 993	3.2	723	1.2	6 698	11.2	1 048	2.6
1959	974	0.5	72	0.04	2 021	3.1	733	1.2	7 313	11.7	1 032	2.5
1960	973	0.5	76	0.04	2 670	4.0	900	1.4	8 389	13.0	1 104	2.6
1961	708	0.4	73	0.04	3 246	4.7	687	1.0	8 222	12.6	954	2.2
1962	515	0.3	50	0.02	3 013	4.3	662	1.0	5 443	8.2	926	2.1
1963	389	0.2	52	0.03	2 707	3.7	585	0.8	7 242	10.7	772	1.6
1964	318	0.2	47	0.02	2 151	2.8	595	0.8	6 041	8.3	650	1.4
1965	215	0.1	24	0.01	1 793	2.3	448	0.6	4 831	6.5	637	1.3
1966	246	0.1	27	0.01	1 630	2.0	481	0.7	4 837	6.5	662	1.3

(a) Excluding Honduras in 1957-1958. (b) Excluding Haiti; Jamaica in 1957, 1959-1960 and 1966; Nicaragua in 1966; Trinidad and Tobago in 1965. (c) Excluding Brazil. (d) Excluding Argentina, Bolivia and Brazil; Guyana in 1965-1966; Paraguay in 1964; Uruguay in 1962.

Figure 5

PERCENTAGE DISTRIBUTION OF REPORTED CASES OF DIPHTHERIA BY AGE IN 13 COUNTRIES, 1965-1966

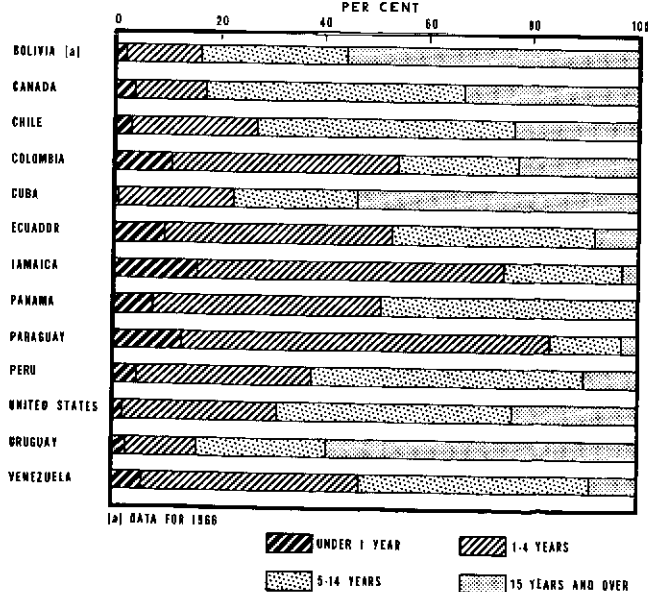


Table 7. Average Annual Reported Cases of Diphtheria per 100,000 Population by Age in Selected Countries, 1965-1966

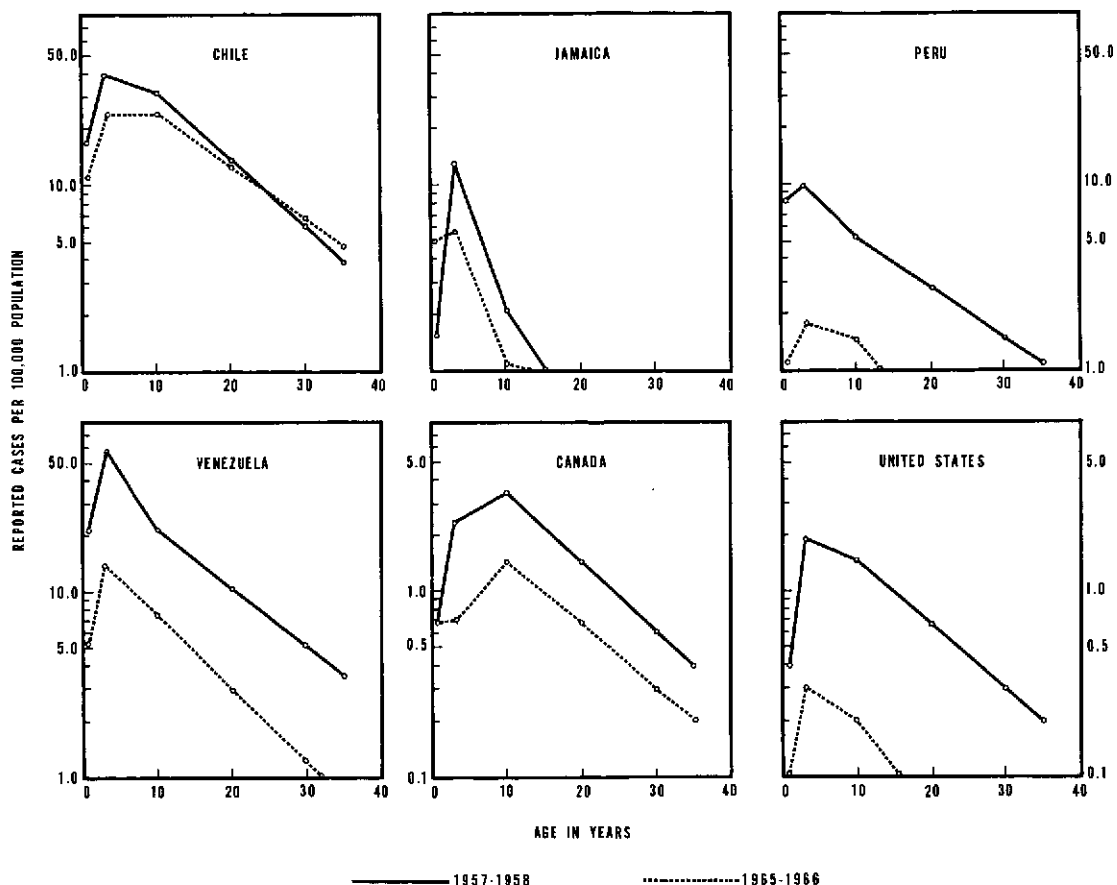
Country	Age groups in years			
	Under 1 (a)	1-4	5-14	15 and over
Canada (b, c)	0.7	0.7	1.4	0.2
Chile	11.8	24.3	24.5	4.8
Colombia	12.1	12.6	3.1	1.6
Ecuador	6.6	10.1	4.4	0.5
Jamaica	5.0	5.5	1.1	0.0
Panama	3.1	5.1	2.8	-
Paraguay (d)	18.1	17.7	1.6	0.2
Peru (d)	1.1	1.8	1.4	0.1
United States	0.1	0.3	0.2	0.0
Uruguay	13.9	23.5	19.0	11.3
Venezuela (e)	5.4	13.5	7.4	0.7

(a) Per 100,000 live births. (b) Provinces reporting age distribution. (c) Data for 1965. (d) Reporting area. (e) Organized reporting area.

Data on reported cases of diphtheria per 100,000 population by age in 1957-1958 and 1965-1966 are shown for six countries in Figure 6. Among children the largest re-

duction in diphtheria morbidity over the decade is generally observed to be in the age group 1-4 years.

Figure 6
 AVERAGE ANNUAL REPORTED CASES OF DIPHTHERIA PER 100,000 POPULATION
 BY AGE IN SIX COUNTRIES, 1957-1958 AND 1965-1966



MEASLES

The development of an effective vaccine gives promise for the eventual control of measles which is a cause of considerable morbidity and mortality in the Region. In

1966 nearly 450,000 cases were reported in the Americas excluding Brazil, Canada and Ecuador and nearly 21,000 deaths from measles were registered in areas covering about

three-fourths of the population of the Region.

Table 8 presents data on reported cases and deaths in the three regions of the Americas during the period 1957-1966. Morbidity and mortality in Middle and South America have not declined. Reported case rates in South America are higher than in Middle America, undoubtedly the result of differences in reporting of cases. Underreporting of cases may account in part for the high case fatality rates in both regions but the large number of deaths is evidence of the great severity of the disease in Middle and South America. The role of malnutrition in increasing the death rates from infectious diseases such as measles is being studied.

Figure 7 shows reported cases and deaths from measles per 100,000 population in three countries during the period 1947-1966. A large increase in reported case rates is noted in Chile and a small increase in Mexico which probably results from improved reporting of cases. The two curves for each country illustrate, by similar annual fluctuations, relationship between increases in morbidity and mortality.

Interpretation of the similarity in the increase in morbidity and mortality in Chile over the period is difficult. There is no reason to expect changes in the level of morbidity in these countries during most of the period, except those due to improvements in the reporting of cases. In the United States and Mexico no marked changes occurred. But in Chile underregistration of deaths would not be expected to follow the same pattern as that of underreporting of cases. Chile has in recent years had an unusually high mortality rate from measles.

Mortality in both Mexico and the United States has shown a downward trend which may be related to improvement in health conditions and the availability of medical care.

In Table 9 are presented data on average annual reported cases of measles by age in 1965-1966 for eight countries of Latin America. In these countries the largest proportions of cases occur in children under 5 years of age - 62 to 79 per cent. From 7 to 22 per cent are in children under one year of age.

Table 8. Reported Cases and Deaths from Measles with Rates per 100,000 Population in the Three Regions of the Americas, 1957-1966

Year	Northern America				Middle America				South America			
	Cases (a)		Deaths		Cases (b)		Deaths (c)		Cases (d)		Deaths (e)	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1957	492 345	287.5	499	0.3	64 679	109.4	11 979	21.0	136 395	249.4	4 846	12.6
1958	765 000	439.2	652	0.3	55 729	91.4	10 817	18.4	116 473	208.5	7 413	18.5
1959	410 893	231.9	469	0.2	59 241	94.2	9 127	15.4	114 781	199.6	5 155	12.4
1960	442 107	245.6	433	0.2	68 128	101.9	9 292	15.3	142 229	239.0	7 427	17.2
1961	424 153	231.6	530	0.3	61 638	91.8	9 583	14.5	112 294	185.0	5 613	12.7
1962	481 536	259.0	489	0.2	77 193	113.2	9 471	13.9	153 453	248.5	7 883	18.2
1963	385 163	204.1	437	0.2	98 931	135.5	12 454	17.8	136 084	217.1	7 210	15.3
1964	458 118	239.3	479	0.2	109 403	145.3	11 411	15.7	174 779	259.2	9 002	18.8
1965	262 493	135.4	347	0.2	84 258	111.9	14 554	19.7	139 228	200.1	8 086	16.0
1966	204 249	104.2	311	0.1	94 435	118.4	12 643	17.2	147 239	213.3	7 416	14.3

(a) Excluding Canada. (b) Excluding Honduras in 1957-1959, and Nicaragua in 1961, 1962 and 1965. (c) Excluding Haiti in 1957-1966; Trinidad and Tobago in 1965; Jamaica in 1957-1960 and 1966; Nicaragua in 1966. (d) Excluding Brazil, Ecuador and Surinam in 1957-1966; Guyana in 1959-1960. (e) Excluding Argentina, Bolivia and Brazil in 1957-1966; Guyana in 1959, 1965 and 1966; Paraguay in 1964; Uruguay in 1962.

Figure 7
REPORTED CASES AND DEATHS FROM MEASLES PER 100,000 POPULATION IN THREE COUNTRIES, 1947-1966

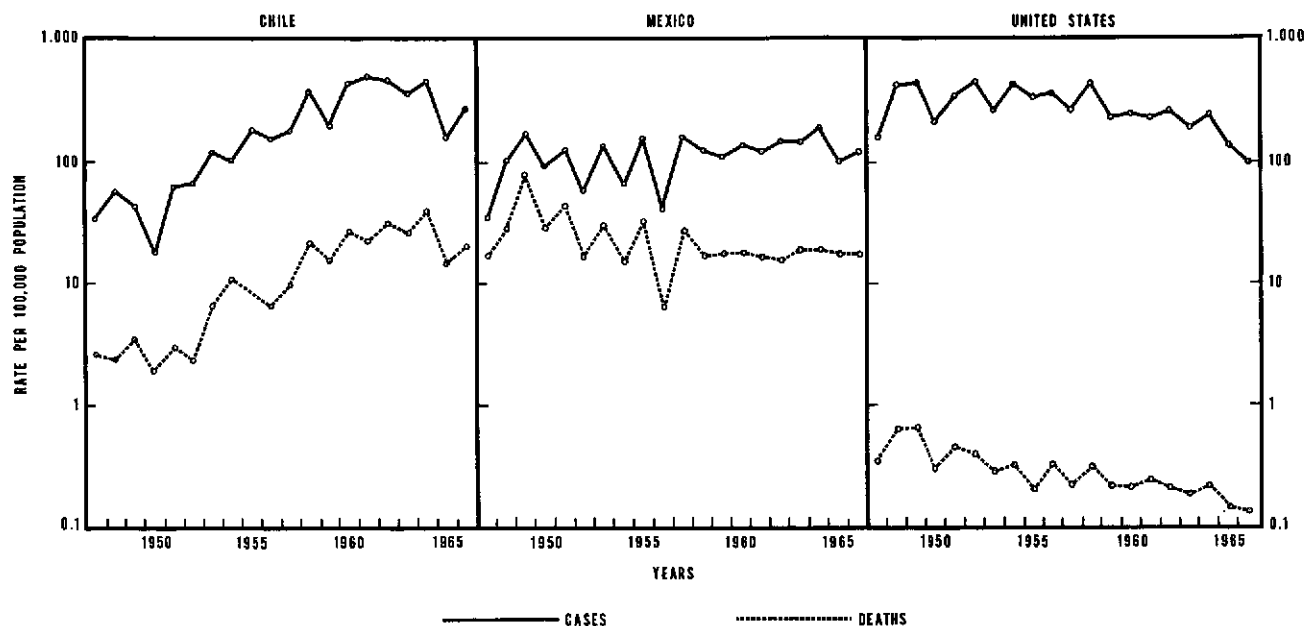


Table 9. Average Annual Reported Cases of Measles per 100, 000 Population and Percentage Distribution of Cases, by Age, in Eight Countries, 1965-1966

Country	Rate				Percentage			
	Age groups in years							
	Under 1 (a)	1-4	5-14	15 and over	Under 1	1-4	5-14	15 and over
Chile	1477.1	907.5	203.5	10.4	22.5	50.9	23.7	3.0
Colombia	964.9	711.1	148.3	8.9	19.4	54.3	23.6	2.7
Jamaica	161.6	359.1	97.3	14.1	7.4	54.9	28.0	9.7
Panama	374.7	377.0	112.3	17.0	13.8	48.2	28.7	9.3
Paraguay (b)	483.8	231.3	55.5	2.3	20.4	51.6	25.9	2.1
Peru (b)	1809.0	1623.5	284.1	12.0	15.8	61.1	21.2	1.9
Uruguay	775.7	1023.8	257.2	7.6	12.1	53.5	30.8	3.6
Venezuela (c)	1230.0	1475.3	239.4	9.4	16.2	62.5	19.8	1.6

(a) Per 100,000 live births. (b) Reporting area. (c) Organized reporting area.

In Chile, Colombia and Venezuela, for which data are presented in Table 10, measles mortality in 1965-1966 was highest among infants. The proportions of deaths in this age group in Chile and Venezuela were

markedly higher than the corresponding figures for cases shown in Table 9. In these three countries 85 to nearly 94 percent of measles deaths occurred in children under 5 years of age.

Vaccination against measles has been introduced in recent years, but only in a few countries of the Americas have extensive programs been developed. The vaccine has been expensive and local and generalized reactions were an early deterrent to widespread use.

Beginning in 1963 programs were begun in both Chile and the United States. In 1966 a program was initiated in Peru, and more recently in additional countries. The results observed in the decline in reported cases of measles have been remarkable. The potential with the use of the vaccine is great, particularly in countries with a high mortality rate.

Table 10. Average Annual Deaths from Measles per 100,000 Population and Percentage Distribution of Deaths, by Age, in Three Countries, 1965-1966

Age	Chile	Colombia	Venezuela
Under 1 year (a)	237.2	63.5	27.6
1-4 years	66.9	46.7	19.6
5-14 years	3.7	5.1	1.3
15 years and over	0.3	0.1	0.1
	Percentage		
Under 1 year	46.2	22.0	26.9
1-4 years	47.3	63.1	63.5
5-14 years	5.4	14.1	8.1
15 years and over	1.1	0.8	1.4

(a) Per 100,000 live births.

MUMPS

Less information is available on mumps in the Region than on other childhood diseases. Mumps is not a notifiable disease in several large countries such as Canada and Colombia. In the United States, in recent years, mumps cases have been reported optionally by 36 to 40 states with about 70 per cent of the population of the country. In the countries where mumps is notifiable there is probably a considerable degree of underreporting.

Table 11 presents available data on reported cases of mumps in the countries of the Americas during 1962-1966. Countries that reported more than 100 cases per 100,000 population in at least one of these five years include Chile, Cuba, El Salvador, Jamaica, United States, and Venezuela. In 1966 relatively high incidence rates are also noted in Argentina, Paraguay and Peru.

Data on reported cases of mumps by age in recent years are available only for

three countries, and are presented in Table 12. Mumps occurs in these countries with greatest frequency in school-age children - 54 per cent in Peru, 51 per cent in Uruguay and 38 per cent in Cuba. Although a mild childhood disease, in young adults mumps can be a more severe disease with complications. In Cuba 44 per cent of reported cases were in persons over 15 years of age (30.6 per cent in the age group 15-24 years). In Peru 22.3 per cent and in Uruguay 25.8 per cent of the cases were over 15 years of age.

With the availability of a live attenuated vaccine for general use, protection against mumps by means of vaccination has become a possibility. However, improved reporting of cases by age and sex and also of complications is needed to understand more fully the epidemiologic characteristics of this disease and to protect the most vulnerable groups.

Table 11. Reported Cases of Mumps with Rates per 100,000 Population, by Country, 1962-1966

Country	Number					Rate				
	1962	1963	1964	1965	1966	1962	1963	1964	1965	1966
Argentina	4 491	10 528	15 156	15 996	16 625	21.4	48.5	68.8	71.6	73.3
Bolivia	4	4	27	255	a) 211	0.1	0.1	0.7	6.9	11.3
Brazil	...	...	...	...	b) 404	...	...	...	...	2.6
Chile	4 145	8 042	4 068	4 290	9 208	51.6	97.9	48.5	50.0	105.2
Colombia (a)	9 293	...	...	...	...	68.1	...	...	...	...
Costa Rica	35	987	425	...	...	2.7	73.4	30.6	...	...
Cuba	268	439	10 123	13 259	2 813	3.8	6.1	136.2	173.8	35.9
Dominican Republic	432	471	625	1 446	1 037	13.3	14.0	17.9	39.9	27.6
El Salvador (c)	724	1 655	3 213	1 677	769	47.8	60.8	113.8	76.1	33.8
Guatemala	586	792	668	843	901	14.5	19.0	15.5	19.0	19.7
Guyana *	19	...	1	1	...	3.2	...	0.2	0.2	...
Haiti	363	...	...	222	...	8.8	...	...	5.1	...
Honduras (a)	807	318	...	...	456	84.8	31.8	...	...	41.7
Jamaica	121	2 332	1 132	93	105	7.3	137.3	65.0	5.2	5.7
Mexico	9 778	13 356	19 310	13 678	...	25.4	33.5	46.8	32.0	...
Nicaragua	...	79	...	...	...	...	5.1	...	...	...
Panama	81	119	317	217	66	7.2	10.2	26.3	17.4	5.1
Paraguay (a)	549	363	169	501	801	45.0	33.0	15.4	47.2	73.3
Peru (a)	3 561	2 949	3 165	3 000	4 697	69.1	61.2	58.6	49.1	77.2
Trinidad and Tobago *	327	...	76	342	335	36.6	...	8.0	35.1	33.5
United States (d)	114 237	177 463	212 932	114 491	128 295	89.0	139.8	161.1	85.5	91.7
Uruguay	1 430	434	391	2 845	475	54.7	16.4	14.6	104.8	17.3
Venezuela (a)	3 753	5 370	5 156	9 057	9 821	71.1	97.2	89.6	151.1	157.9

(a) Reporting area. (b) São Paulo State. (c) Reporting area, except in 1963 and 1964.
(d) Data for 36 to 40 States.

Table 12. Reported Cases of Mumps by Age, with Percentage Distribution, in Three Countries, 1966

Age groups	Cuba		Peru		Uruguay (a)	
	Number	Per cent	Number	Per cent	Number	Per cent
All ages	2 813	100	4 697	100	2 845	100
Under 1 year	40	1.4	92	2.0	25	0.9
1-4 years	437	15.5	1 037	22.1	530	18.6
5-14 years	1 056	37.8	2 517	53.6	1 456	51.2
15-24 years	860	30.6	590	12.6	334	11.7
25-44 years	303	10.8	401	8.5	333	11.7
45 years and over	74	2.6	57	1.2	67	2.4
Not stated	43	1.5	3	0.1	100	3.5

(a) Data for 1965

POLIOMYELITIS

Immunization against poliomyelitis in the last decade has produced dramatic reductions in morbidity and mortality from the disease in several countries.

In Table 13 are presented total numbers of reported cases and deaths from poliomyelitis in the three regions of the Americas during 1957-1966 and rates per 100,000 population. In 1957 almost 11,000 cases were reported in the Region, and of these close to 6,000 were in Northern America. Reported cases in 1966 (excluding those in Brazil) totaled 3,142, of which only 116 were in Northern America. In both Middle and South America the annual numbers of cases show considerable variation but overall a decline is evident in these two regions.

Marked declines in case rates are clear in the United States and Canada (see Figure 8). In Middle America reductions in reported case rates are observed in Costa Rica, Cuba, and Trinidad and Tobago and until 1966 in Mexico. In other countries of Middle America there was no apparent downward trend. In South America the number of reported cases per 100,000 population has decreased in Argentina, Chile, Uruguay and

Venezuela. In several other countries in this region increases are apparent and in some the level remained unchanged.

Deaths from poliomyelitis in Northern America have also declined substantially, with only nine deaths registered in 1966. In Middle and South America there has been little change in poliomyelitis mortality over the past decade except for 1966. In the countries of Latin America included in Table 13 there were 489 deaths in 1966 as compared with the nine in Northern America.

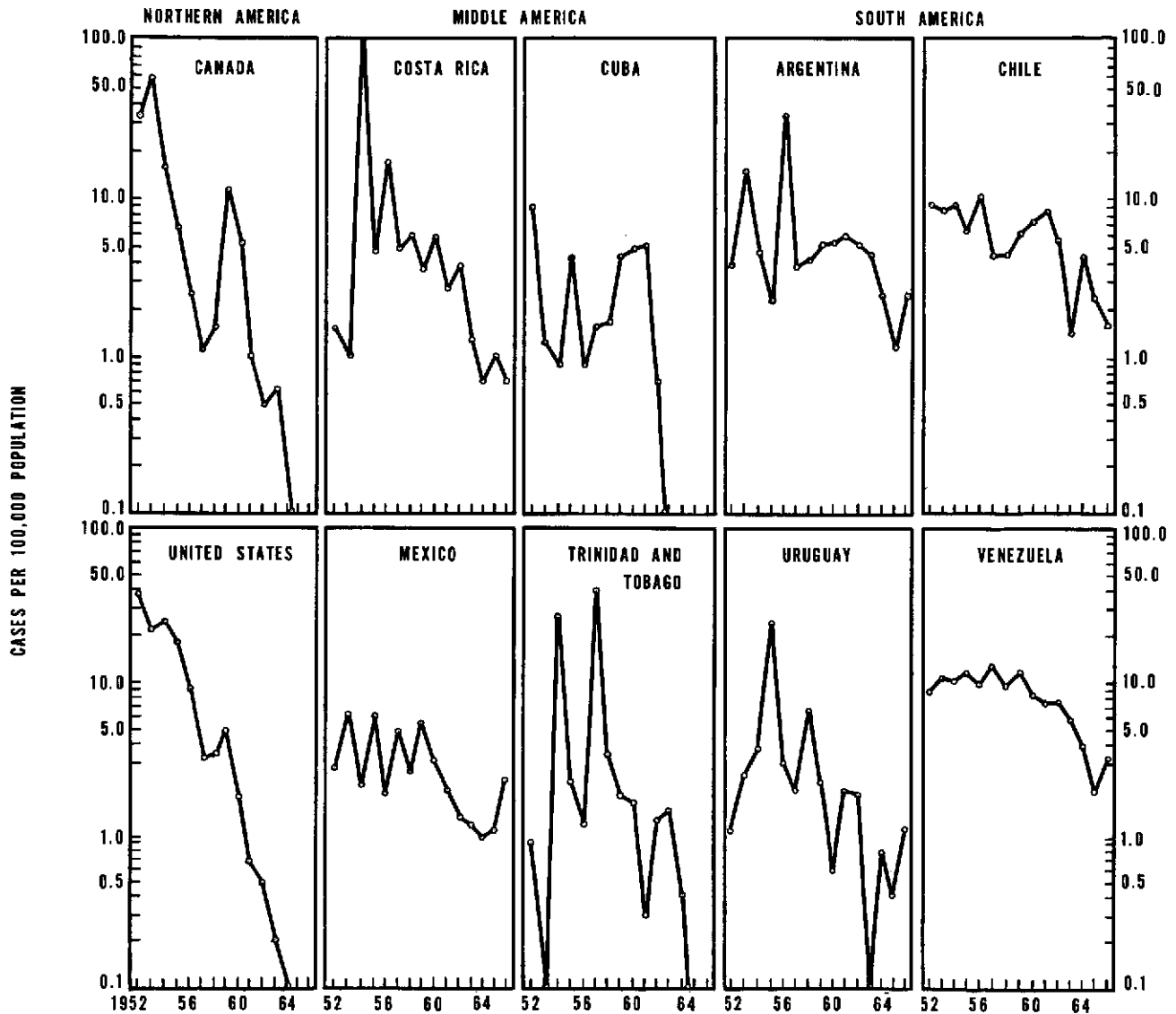
Table 14 shows the percentage distribution of reported cases of poliomyelitis by age in countries in 1957-1958 and in 1965-1966. In the Latin American countries, large proportions of the cases in the early period (1957-1958) occurred in children under five years of age. In the United States only one-third of cases reported in 1957-1958 were in this age group. In the later period the proportions under five remained high in the Latin American countries. However in the United States two-thirds of reported cases in 1965-1966 were under five years, or twice the proportion in the earlier period.

Table 13. Reported Cases and Deaths from Acute Poliomyelitis with Rates per 100,000 Population in the Three Regions of the Americas, 1957-1966

Year	Northern America				Middle America				South America			
	Cases		Deaths		Cases		Deaths (a)		Cases (b)		Deaths (c)	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1957	5 671	3.0	247	0.13	2820	4.6	317	0.55	2 261	3.9	225	0.58
1958	6 036	3.2	281	0.15	1 973	3.1	295	0.49	2 470	4.1	244	0.61
1959	10 312	5.3	636	0.33	3 005	4.6	342	0.56	2 762	4.4	297	0.72
1960	4 106	2.1	313	0.16	2 640	3.9	373	0.59	2 759	4.3	272	0.63
1961	1 500	0.7	101	0.05	1 552	2.2	295	0.45	2 950	4.5	291	0.66
1962	1 001	0.5	67	0.03	933	1.3	243	0.36	3 407	5.1	335	0.78
1963	571	0.3	57	0.03	1 451	2.0	266	0.38	2 954	4.4	309	0.65
1964	141	0.1	22	0.01	769	1.0	317	0.44	2 614	3.6	319	0.67
1965	75	0.0	17	0.01	1 266	1.6	348	0.47	1 646	2.2	248	0.49
1966	116	0.1	9	0.00	1 280	1.6	305	0.42	1 746	2.3	184	0.35

(a) Excluding Haiti; Jamaica in 1957, 1959-1960 and 1966; Nicaragua in 1966; Trinidad and Tobago in 1965. (b) Excluding Brazil. (c) Excluding Argentina, Bolivia and Brazil; Guyana in 1965 and 1966; Paraguay in 1964; Uruguay in 1962.

Figure 8
 REPORTED CASES OF POLIOMYELITIS PER 100,000 POPULATION IN
 SELECTED COUNTRIES OF THE AMERICAS, 1952-1966



These changes for the United States may reflect the results of the emphasis on mass vaccination programs without maintaining, after the mass program, immunization activities directed to the very young.

Table 15 gives average annual reported cases of poliomyelitis per 100,000 population by age for 1957-1958 and 1965-1966.

YEAR

In four of nine countries for which data were available for both the periods the highest attack rates in 1957-1958 were in children under one year of age. In the later period, however, in seven of the nine the attack rates were highest under one year.

In the countries where the decline in poliomyelitis incidence has been marked, ex-

Table 14. Percentage Distribution of Reported Cases of Acute Poliomyelitis by Age in Selected Countries, 1957-1958 and 1965-1966

Country	Under 5 years		5 years and over	
	1957-1958	1965-1966	1957-1958	1965-1966
Chile	80.8	80.7	19.2	19.3
Colombia	a) 75.7	78.2	a) 24.3	21.8
Jamaica	48.6	84.8	51.4	15.2
Nicaragua	b) 92.2	80.9	b) 7.9	19.1
Paraguay	56.6	84.4	43.4	15.6
Peru	90.7	97.4	9.3	2.6
United States	34.8	66.0	65.2	34.0
Uruguay	60.2	53.6	39.8	46.4
Venezuela	83.4	90.2	16.6	9.8

(a) Average of 1957 and 1959 data.

(b) 1958 only.

tensive vaccination programs have been carried out in recent years. Table 16 presents available data on the number of persons immunized against poliomyelitis during 1962-

1966. In the United States, by the end of 1965, based on a sample survey,⁽¹⁾ over 80 per cent of the population under 20 years of age had received either inactivated polio vaccine or oral live polio vaccine.

The potential of vaccination programs in eliminating poliomyelitis has been clearly demonstrated. The 116 cases and nine deaths in the United States and Canada in 1966 indicate the success which can be expected. However, in many countries where vaccination programs have been carried out epidemics have continued to occur in inadequately protected communities.

Polio vaccination should be systematically introduced and continued in all countries. Insufficient coverage, continuous migration of children to areas with high prevalence of polioviruses and failure to vaccinate children born after completion of mass campaigns have contributed to the continued occurrence of cases.

Table 15. Average Annual Reported Cases of Acute Poliomyelitis per 100,000 Population by Age in Selected Countries, 1957-1958 and 1965-1966

Country	1957 - 1958 (a)				1965 - 1966 (b)			
	Age groups in years							
	Under 1 (c)	1-4	5-14	15 and over	Under 1 (c)	1-4	5-14	15 and over
Canada (d)	4.9	8.8	4.4	2.3	-	0.4	0.0	0.0
Chile	27.2	22.8	2.7	0.3	14.5	9.7	1.2	0.1
Colombia (e)	5.8		1.0	0.2	11.1	9.9	1.3	0.2
Costa Rica	23.5	21.1	2.4	0.8	...	...	...	...
Ecuador	...	...	...	...	19.0	15.7	1.7	0.1
Guyana	30.4	108.1	10.8	0.4	...	...	...	...
Jamaica	18.5	53.0	15.3	7.3	5.7	8.9	0.7	0.1
Nicaragua	181.3	72.0	4.3	0.4	37.9	26.3	3.4	0.1
Panamá	...	...	...	...	1.0	1.5	0.6	0.4
Paraguay (f)	7.3	9.0	1.3		7.2	7.8	0.6	0.1
Peru (f)	74.3	35.1	1.8	0.5	51.7	22.8	0.4	0.0
United States	6.3	10.6	5.5	1.5	0.4	0.3	0.0	0.0
Uruguay	20.3	26.8	5.6	1.0	6.2	3.2	1.3	0.2
Venezuela (g)	52.1	43.9	3.8	1.2	18.1	11.3	0.7	0.1

(a) Data for 1957 in Colombia and Guyana; for 1958 in Nicaragua. (b) Data for 1965 in Canada and Nicaragua. (c) Per 100,000 live births. (d) Provinces reporting age distribution. (e) Reporting area in 1957-1958. (f) Reporting area. (g) Organized reporting area.

(1) *Poliomyelitis Surveillance*, Annual Summary for 1965, Communicable Disease Center, No. 288, 1966, U.S. Public Health Service.

Table 16. Number of Persons Immunized Against Poliomyelitis, by Country, 1962-1966

Country	1962	1963	1964	1965	1966
Argentina	137 900	5 000 000		a) 6 774 571	a) 10 186 196
Barbados	347	a) 128 399	1 708	2 092	1 521
Bolivia	47 411	102 696	1 346	10 505	71 797
Brazil (b)	1 006 888	104 558	629 065	353 074	...
Canada	...	c) 500 000	2 850 000	...	...
Chile	913 169	90 433	545 466	261 429	326 884
Colombia	...	a) 76 592	18 428	29 364	92 421
Costa Rica	5 000	a) 164 028	a) 27 207	...	a) 94 967
Cuba	2 219 907	185 261	218 347	230 716	234 985
Dominican Republic	...	580 209	...	72 101	28 659
Ecuador	...	...	228 533	...	22 421
El Salvador	...	16 015	...	174	325 000
Guatemala	12 550	15 200	...	...	46 362
Guyana	...	120 000	...	...	20 604
Haiti	8	...	...	...	...
Honduras	21 179	9 129	7 202	106 540	50 213
Jamaica	17 565	147 828	16 261	44 219	21 347
Mexico (a)	3 901 439	5 797 563	6 186 823	3 635 686	1 140 510
Nicaragua	398	7 198	20 177	102 979	...
Panama	2 669	55 249	30 977	5 867	8 372
Paraguay	d) 513	...	24 737	266 789	16 931
Peru	20 078	94 516	75 731	40 785	1 969 500
Trinidad and Tobago	e) 122	...	...	...	...
United States (f)	...	150 334 848	115 968 591	36 553 581	33 660 941
Uruguay	735 234	...	...	...	...
Venezuela	207 189	232 604	1 514 131	476 311	631 108

(a) Number of doses administered. (b) São Paulo State excluding capital. (c) Minimum estimate. (d) Data for capital. (e) Excluding data from school program. (f) Number of doses of all types of vaccine sold or distributed.

WHOOPING COUGH

Whooping cough, a disease which has been preventable for many years, continues to cause excessive morbidity in many countries of Latin America. In 1966, the number of reported cases per 100,000 population was over 50 in 13 countries; in five of them the rate was above 100 (see Table I). In most countries of Latin America reductions in morbidity during the period 1952-1966 were small or non-existent. In Canada, Colombia, Guatemala, Nicaragua, Uruguay and the United States, reported cases per 100,000 population declined markedly (Figure 9).

Table 17 presents data on morbidity and mortality in the three regions of the Americas during the past ten years. Case rates vary from year to year due to the epidemic occurrence of the disease. Overall, reported cases per 100,000 population in Middle and South America have changed little during the decade, and have continued to be at least 10 and 20 times higher than in Northern America. Reported cases in Northern America decreased from 19.0 per 100,000 population in 1957 to 5.7 in 1966.

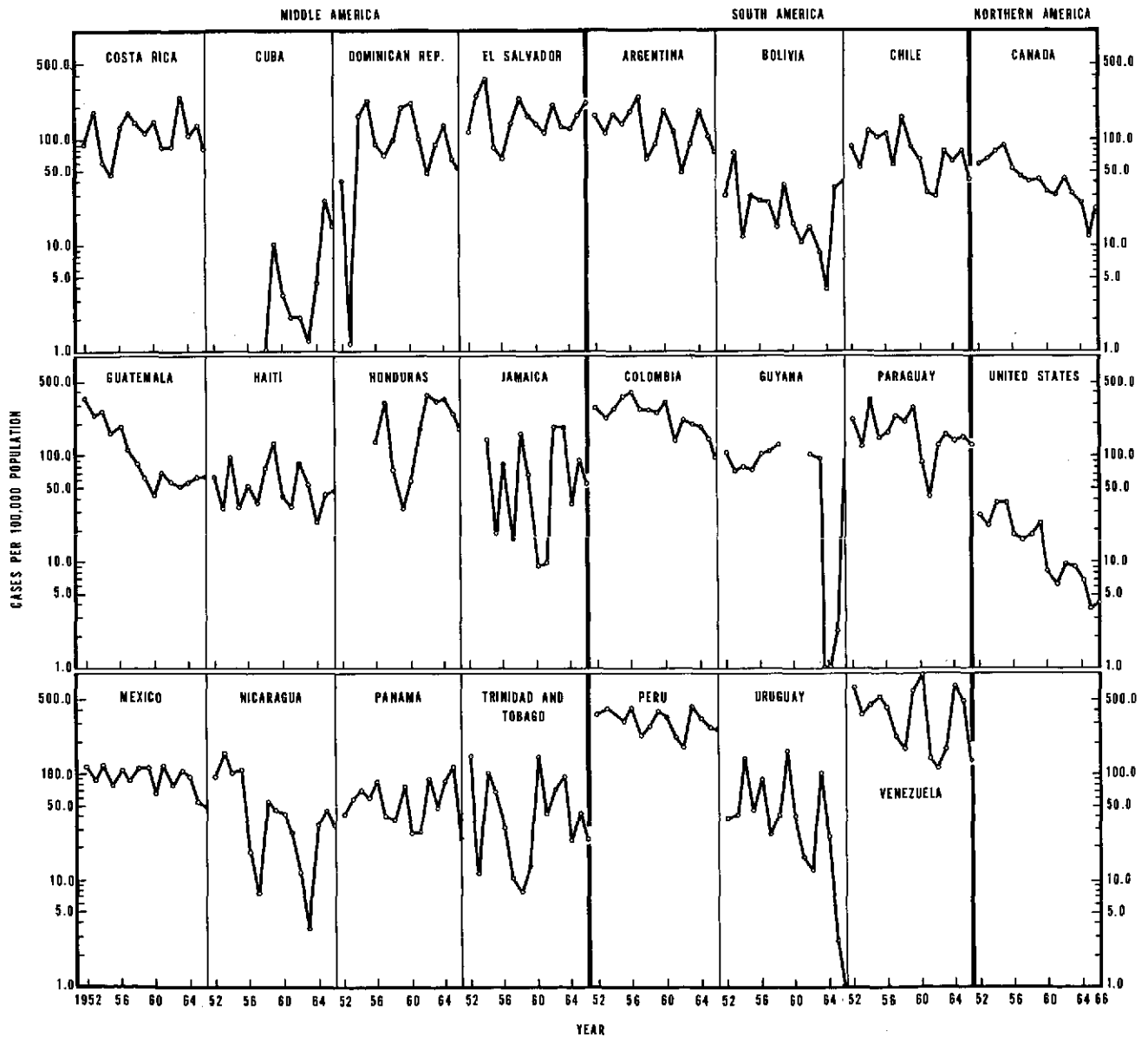
During the period 1957-1966 whooping cough mortality has declined. Death rates in Latin America, however, remain at considerably elevated levels. In 1966, based on information for only about half the population, nearly 14,000 deaths from this disease

were registered in Middle and South America. In Northern America 55 deaths were attributed to whooping cough in that year.

As can be seen in Table 18 most cases

Figure 9

REPORTED CASES OF WHOOPING COUGH PER 100,000 POPULATION IN SELECTED COUNTRIES OF THE AMERICAS, 1952-1966



of whooping cough occurred in early childhood. In the nine countries of Latin America for which data are shown, 71 to 78 per cent of reported cases in 1965-1966 occurred among children under five years of age. In Canada, on the other hand, about one half of reported cases were among school age children.

Average annual age-specific rates of reported cases in 1965-1966 are also presented for selected countries. The pattern of whooping cough morbidity by age is similar in these countries. The rates are highest for infants and decrease with increasing age. In Canada, the difference in incidence between the school age children and the pre-school children is relatively small.

Immunization against whooping cough is usually given in combination with that against diphtheria and tetanus through the use of DPT vaccine. Thus the numbers of immunizations reported for diphtheria in Table 5 are also indices of the size of the vaccination programs against whooping cough.

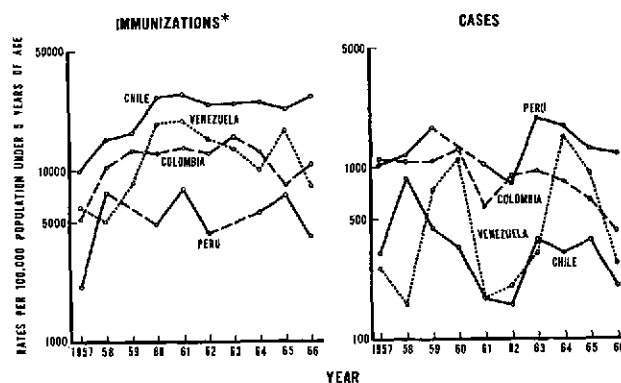
Figure 10 presents reported cases of whooping cough per 100,000 population among pre-school children and vaccinations per 100,000 population under five years of age

in four countries during 1957-1966. The inverse relationship between rates of immunization and reported cases is apparent. The country with the highest rates of vaccinations generally has the lowest incidence rates, and vice versa.

Most countries of the Region have immunization programs but large numbers of children are not being protected. The need for extension of programs to reach a far larger proportion of the pre-school population is evident.

Figure 10

REPORTED CASES OF WHOOPING COUGH AMONG PRE-SCHOOL CHILDREN AND IMMUNIZATIONS PER 100,000 POPULATION UNDER 5 YEARS OF AGE IN FOUR COUNTRIES, 1957-1966



*Data refer mostly to DPT immunizations

Table 17. Reported Cases and Deaths from Whooping Cough with Rates per 100,000 Population in the Three Regions of the Americas, 1957-1966

Year	Northern America				Middle America				South America			
	Cases		Deaths		Cases		Deaths (a)		Cases (b)		Deaths (c)	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1957	35 785	19.0	246	0.13	47 282	77.6	13 106	22.9	110 053	202.1	7 790	20.2
1958	39 141	20.5	217	0.11	66 523	105.9	13 456	22.2	84 053	151.1	6 789	17.0
1959	47 367	24.3	315	0.16	62 387	96.3	13 908	22.9	114 128	199.3	9 417	22.7
1960	20 803	10.5	189	0.10	41 597	62.2	9 359	14.9	141 367	238.6	8 857	20.6
1961	16 944	8.4	112	0.06	62 211	90.5	9 704	14.7	66 368	110.9	5 542	12.6
1962	25 825	12.6	107	0.05	56 857	81.7	9 746	14.3	60 183	97.9	6 421	14.9
1963	23 269	11.2	143	0.07	70 596	96.6	9 987	14.3	89 692	143.8	8 263	17.5
1964	17 849	8.5	119	0.06	59 805	79.1	10 226	14.1	138 006	205.5	6 894	14.4
1965	9 274	4.3	64	0.03	45 267	58.7	8 272	11.2	105 186	151.9	5 852	11.6
1966	12 375	5.7	55	0.03	41 656	52.2	8 100	11.0	67 342	97.9	5 463	10.5

(a) Excluding Haiti; Jamaica in 1957, 1959-1960 and 1966; Nicaragua in 1966; Trinidad and Tobago in 1965. (b) Excluding Brazil and Ecuador; Guyana in 1959-1961. (c) Excluding Argentina, Bolivia and Brazil; Guyana in 1965 and 1966; Paraguay in 1964; Uruguay in 1962.

Table 18. Average Annual Reported Cases of Whooping Cough per 100,000 Population and Percentage Distribution of Cases, by Age, in Ten Countries, 1965-1966

Country	Rate				Percentage			
	Age groups in years							
	Under 1 (a)	1-4	5-14	15 and over	Under 1	1-4	5-14	15 and over
Canada (b)	71.4	29.2	21.3	0.3	16.3	30.5	50.8	2.4
Chile	501.6	221.1	65.6	0.9	27.3	44.4	27.3	0.9
Colombia	866.1	458.7	87.3	4.3	25.7	51.8	20.5	1.9
Costa Rica (c)	827.6	623.0	154.6	4.7	21.8	51.7	25.1	1.4
Jamaica	517.4	276.8	62.3	1.2	27.9	49.9	21.2	1.0
Panama	390.3	255.2	66.2	3.4	21.8	49.6	25.8	2.8
Paraguay (d)	1 352.3	526.9	123.3	3.8	24.2	49.9	24.5	1.5
Peru (d)	1 669.5	1 124.3	241.8	9.1	19.1	55.4	23.6	1.9
Uruguay	19.3	8.3	1.9	0.1	30.5	43.9	23.2	2.4
Venezuela (e)	827.5	500.5	104.9	2.0	26.5	51.6	21.1	0.8

(a) Per 100,000 live births. (b) 1965 data for provinces reporting age distribution. (c) 1963-1964 data. (d) Reporting area. (e) Organized reporting area.

TABLE I. REPORTED CASES OF NOTIFIABLE DISEASES WITH RATES PER
100,000 POPULATION, BY COUNTRY, 1966

Country	Amebiasis (046)				Ankylostomiasis (129)				Anthrax (062)				
	1961-65	1965	1966		1961-65	1965	1966		1961-65	1965	1966		
	Median	Number	Number	Rate	Median	Number	Number	Rate	Median	Number	Number	Rate	
Argentina	1 378	1 578	2 232	9.8	9 266	7 238	6 693	29.5	212	146	160	0.7	
Barbados	-	-	-	-	*	*	*	*	*	*	*	*	
Bolivia	...	...	...	...	...	...	...	...	*	*	*	*
Brazil	...	...	...	...	...	...	...	...	...	...	...	...
Canada	20	51	47	0.2	*	*	*	*	...	...	...	...
Chile	307	158	...	...	...	...	...	...	256	163	142	1.6
Colombia	*	*	*	*	*	*	*	*	a)	9	5	1	0.0
Costa Rica	1 786	...	...	...	811	...	10 103	679.9	6	...	...	...
Cuba	536	536	1 210	15.4	*	*	-	-	*	*	-	-	
Dominican Republic	1 237	1 022	617	16.4	19 233	...	...	...	-	-	...	...
Ecuador	*	*	*	*	*	*	*	*	*	*	*	*	
El Salvador (a)	...	4 402	4 198	184.4	...	1 829	1 247	54.8	18	114	84	3.7	
Guatemala	...	...	...	...	...	...	...	...	*	*	*	*
Guyana	...	...	...	...	*	20	*	54	8.2	-	-	-
Haiti	614	1 637	2 074	46.2	578	12 378	322	7.2	67	57	29	0.6	
Honduras (a)	...	17 292	18 119	1 333.3	...	...	386	28.4	-	-	-	-
Jamaica	16	-	2	0.1	159	143	182	9.9	-	-	-	-	
Mexico	35 109	35 109	17 880	40.5	25 843	...	...	...	96	34	18	0.0
Nicaragua	...	...	14 100	822.2	*	*	16 017	933.9	*	*	*	*
Panama	729	711	627	48.7	3 175	3 521	3 806	296.7	3	17	1	0.1	
Paraguay (a)	...	...	...	...	14 760	13 010	29 709	2 718.1	1	-	4	0.4
Peru (a)	2 417	2 417	2 159	35.5	3 498	4 770	2 663	43.7	58	34	42	0.7	
Trinidad and Tobago	* 1	* 1	* 2	0.2	* 377	* 166	* 196	19.6	...	-	-	-	
United States	2 886	2 768	2 921	1.5	*	*	b) 3 756	8.5	7	7	5	0.0	
Uruguay	...	...	...	...	-	-	-	-	54	59	70	2.5
Venezuela (a)	25 335	24 172	17 989	289.2	*	*	c) 27 425	4 408.5	7	4	1	0.0	
Antigua	...	...	...	...	...	...	-	-	-	-	-	-
Bahamas	...	...	94	67.1	...	...	6	4.3	...	...	-	-
Bermuda	-	-	-	-	-	-	1	2.0	-	-	-	-	
British Honduras	12	23	41	37.6	*	*	-	-	-	-	-	-	
Canal Zone	6	5	17	30.4	-	...	-	-	-	-	-	-	
Cayman Islands	-	...	-	-	...	...	-	-	-	...	-	-
Dominica	260	241	61	89.7	...	*	*	*	*	*	*	*	
Falkland Islands	-	-	-	-	-	-	-	-	-	-	-	-	
French Guiana	-	-	+	-	-	-	-	-	-	-	...	...
Grenada	...	...	...	...	...	...	...	...	...	-	...	...
Guadeloupe	-	2	...	...	...	...	...	...	-	-	-	-
Martinique	-	-	-	-	*	*	*	*	*	*	*	*	
Montserrat	...	-	...	...	...	...	1	(7.1)	-	-	-	-
Netherlands Antilles	*	...	7	3.3	*	...	*	*	*	...	-	-	
Puerto Rico	3	-	7	0.3	-	-	-	-	-	-	-	-	
St. Kitts-Nevis- Anguilla	...	...	...	...	*	*	*	*	-	-	-	-
St. Lucia	...	...	...	...	...	-	-	-	-	-	-	-
St. Pierre and Miquelon	-	-	-	-	-	-	-	-	-	-	-	-	
St. Vincent	...	...	-	-	...	...	*	*	...	...	-	-
Surinam (a)	...	...	...	...	*	*	*	*	-	-	-	-
Turks and Caicos Islands	-	...	+	-	-	...	+	-	-	...	+	-	
Virgin Islands (UK)	...	...	23	255.6	...	...	-	-	...	...	-	-
Virgin Islands (USA)	2+	1+	1	2.0	73+	78+	44	88.0	...	...	...	...

(a) Reporting area.

(b) Data for 10 states; not nationally notifiable.

(c) Including cestode infestation (126) and infestation with worms of other, mixed and unspecified type (130).

TABLE I. REPORTED CASES OF NOTIFIABLE DISEASES WITH RATES PER
100,000 POPULATION, BY COUNTRY, 1966

Country	Brucellosis (undulant fever) (044)				Diphtheria (055)				Dysentery, bacillary, other and unspecified (045, 047, 048)			
	1961-65 Median	1965 Number	1966		1961-65 Median	1965 Number	1966		1961-65 Median	1965 Number	1966	
			Number	Rate			Number	Rate			Number	Rate
Argentina	1140	636	1430	6.3	3118	2293	1517	6.7	24684	20737	44997	198.3
Barbados	*	*	*	*	5	2	8	3.3	-	-	-	-
Bolivia	...	...	...	...	62	194	a) 194	10.4	b) 8	c) 266	a,c) 82	4.4
Brazil (d)	...	...	...	...	...	938	1622	10.4	...	c) 59	c) 66	0.4
Canada	57	38	21	0.1	71	51	37	0.2	3841	3971	3375	16.8
Chile	6	8	6	0.1	1520	1094	1019	11.6	75	189	b) 506	5.8
Colombia	a) 11	41	66	0.4	a) 1021	644	800	4.3	*	*	*	*
Costa Rica	1	...	...	...	88	41	23	1.5	1838	b) 1751	...	...
Cuba	35	19	6	0.1	923	625	359	4.6	c) 10	c) 2	c) 34	0.4
Dominican Republic	-	-	-	-	358	321	344	9.2	16676	16802	11427	304.4
Ecuador	*	*	*	*	335	154	176	3.3	*	*	*	*
El Salvador (a)	5	3	5	0.2	91	187	179	7.9	...	+ 1994	1422	62.5
Guatemala	*	*	5	0.1	87	89	79	1.7	b) 8786	b) 8641	b) 10365	226.6
Guyana	*	*	*	*	20	19	13	2.0	b) 271	b) 271	b) 155	23.4
Haiti	*	*	*	*	28	11	21	0.5	451	387	645	14.4
Honduras (a)	...	1	-	-	6	5	10	0.7	b) 22715	c) 3173	5305	390.4
Jamaica	-	-	-	-	34	34	10	0.5	132	69	66	3.6
Mexico	1335	1093	1431	3.2	488	348	496	1.1	c) 4151	c) 4059	c) 2698	6.1
Nicaragua	*	*	*	*	10	1	3	0.2	...	b) 13694	c) 972	56.7
Panama	1	-	-	-	92	16	23	1.8	523	426	321	24.9
Paraguay (a)	6	2	2	0.2	38	27	47	4.3	b) 1122	...	...	...
Peru (a)	963	1102	1482	24.3	47	49	39	0.6	18575	22677	18912	310.7
Trinidad and Tobago	*	*	*	*	69	78	33	3.3	* 1520	* 1520	* 1184	118.4
United States	409	262	262	0.1	314	164	209	0.1	c) 12571	c) 11027	c) 11888	6.1
Uruguay	5	8	6	0.2	83	66	688	25.0	b) 2	-	1	0.0
Venezuela (a)	6	5	7	0.1	453	291	344	5.5	71035	56855	60617	974.4
Antigua	-	-	-	-	-	-	-	-	b) 14	+b) 25	b) 8	13.3
Bahamas	...	...	-	-	-	-	-	-	...	...	17	12.1
Bermuda	-	-	-	-	-	-	-	-	-	-	-	-
British Honduras	-	-	-	-	1	1	1	0.9	10	-	-	-
Canal Zone	-	-	-	-	-	-	-	-	7	c) 5	c) 16	28.6
Cayman Islands	-	...	-	-	-	...	1	(11.1)	-	...	-	-
Dominica	*	*	*	*	-	-	-	-	756	882	968	1423.5
Falkland Islands	-	-	-	-	-	-	-	-	-	-	-	-
French Guiana	-	-	...	...	-	-	-	-	-	-	+ c)	-
Grenada	...	-	...	...	...	...	...	...	...	...	...	...
Guadeloupe	-	-	-	-	5	12	9	2.8	-	-	b) 3	0.9
Martinique	-	-	-	-	9	5	10	3.1	-	-	-	-
Montserrat	-	-	-	-	-	-	2	(14.3)	b) 3	1	b) 2	(14.3)
Netherlands Antilles	*	...	*	*	2	...	14	6.7	c) 1366	...	c) 712	339.0
Puerto Rico	-	-	-	-	16	16	3	0.1	c) 10	c) 5	c) 7	0.3
St. Kitts-Nevis- Anguilla	-	-	-	-	-	-	-	-	b) 64	b) 51	b) 79	13.0
St. Lucia	-	-	-	-	-	1	2	1.9	b) 50	b) 1	b) 1	1.0
St. Pierre and Miquelon	-	-	-	-	-	-	-	-	-	-	-	-
St. Vincent	...	...	-	-	...	...	-	-	...	...	4	4.4
Surinam (a)	-	-	-	-	-	-	-	-	...	...	c) 3	1.0
Turks and Caicos Islands	...	...	+	-	-	...	+	-	76	...	+	1 (16.7)
Virgin Islands (UK)	...	...	-	-	...	...	-	-	...	...	7	(77.8)
Virgin Islands (USA)	...	...	...	...	-	+	-	-	c) 5	+c) 15	+c) 6	12.0

(a) Reporting area.

(b) Dysentery, all forms (045-048).

(c) Bacillary dysentery (045).

(d) São Paulo State.

TABLE I. REPORTED CASES OF NOTIFIABLE DISEASES WITH RATES PER
100,000 POPULATION, BY COUNTRY, 1966

Country	Encephalitis, acute infectious (082)				Gonococcal infection (030-035)				Hepatitis, infectious (092)				
	1961-65 Median	1965 Number	1966		1961-65 Median	1965 Number	1966		1961-65 Median	1965 Number	1966		
			Number	Rate			Number	Rate			Number	Rate	
Argentina	614	875	620	2.7	9 389	5 387	5 941	26.2	2 702	2 685	5 723	25.2	
Barbados	*	*	*	*	*	*	*	*	*	*	*	*	
Bolivia	2	4	a) 1	0.1	78	299	a) 188	10.1	-	46	a) 101	5.4	
Brazil (b)	...	...	126	0.8	...	...	...	...	...	688	808	5.2
Canada	c) 5	c) 91	c) 4	0.0	19 411	20 150	21 479	107.1	d) 10 080	d) 6 612	d) 5 835	29.1	
Chile	133	133	103	1.2	*	*	*	*	250	1 260	1 135	13.0	
Colombia	a) 339	214	188	1.0	...	e) 38 955	37 273	200.4	*	*	*	*	
Costa Rica	6	+	2	4	0.3	2 227	+ 1 801	1 460	98.3	564	564	...	
Cuba	35	30	40	0.5	697	f) 697	663	8.5	4 659	8 834	8 977	114.6	
Dominican Republic	-	-	-	-	...	...	...	...	49	49	294	7.8
Ecuador	...	-	-	-	...	...	...	...	*	*	*	*
El Salvador (a)	-	...	...	...	3 330	3 330	3 415	150.0	335	1 365	1 831	80.4
Guatemala	4	2	-	-	3 238	3 238	3 508	76.7	*	*	*	*	
Guyana	*	*	*	*	* 2 248	*	* 6	0.9	**	35	* 48	7.3	
Haiti	-	-	3	0.1	3 849	3 643	3 837	85.6	109	+g) 74	...	...
Honduras (a)	9	9	10	0.7	4 107	5 107	6 835	502.9	...	284	286	21.0	
Jamaica	5	8	3	0.2	28 220	31 623	35 972	1956.1	100	96	103	5.6	
Mexico	31	42	+ 27	0.1	18 784	16 512	11 395	25.8	2 961	2 516	2 820	6.4	
Nicaragua	*	*	*	*	1 026	1 505	2 182	127.2	*	*	96	5.6	
Panama	2	2	3	0.2	487	401	600	46.6	185	401	168	13.1	
Paraguay (a)	29	44	43	3.9	434	328	383	35.0	182	122	194	17.7	
Peru (a)	67	70	90	1.5	7 492	f) 7 737	f) 5 622	92.4	2 451	3 259	3 597	59.1	
Trinidad and Tobago	-	-	-	-	* 7 104	* 8 505	* 7 318	731.8	**	6	*	2	
United States	...	1 722	2 121	1.1	278 289	324 925	351 738	179.5	d) 42 974	d) 33 856	32 859	16.8	
Uruguay	29	37	45	1.6	162	152	90	3.3	...	1 720	1 645	59.8	
Venezuela (a)	6 897	74	309	5.0	19 125	21 471	24 728	397.5	*	*	448	7.2	
Antigua	-	+	-	-	117	...	-	-	1	...	2	3.3	
Bahamas	1	+	11	7.9	250	+ 250	12	8.6	...	...	23	16.4
Bermuda	-	-	-	-	138	141	148	296.0	6	2	2	4.0	
British Honduras	1	2	1	0.9	*	*	61	56.0	2	2	9	8.3	
Canal Zone	-	-	-	-	80	80	67	119.6	d) 14	d) 9	12	21.4	
Cayman Islands	-	...	-	-	5	...	...	...	-	...	-	-
Dominica	-	-	-	-	293	452	170	250.0	4	-	2	2.9	
Falkland Islands	-	-	-	-	-	3	9	(450.0)	-	-	-	-	
French Guiana	-	-	+	-	129	114	+	97	262.2	-	-	...	
Grenada	...	...	...	...	...	...	...	...	...	...	...	...
Guadeloupe	-	-	-	-	3	3	3	0.9	...	-	-	-	
Martinique	*	*	*	*	*	*	*	*	*	*	*	*	
Montserrat	-	-	-	-	13	17	41	292.9	2	2	2	(14.3)	
Netherlands Antilles	*	...	*	*	*	...	*	*	*	...	-	-	
Puerto Rico	1	3	3	0.1	2 719	2 948	2 883	108.1	d) 1 114	d) 1 474	1 116	41.8	
St. Kitts-Nevis- Anguilla	1	3	-	-	223	78	37	60.7	32	27	30	49.2	
St. Lucia	*	*	*	*	1 093	456	798	774.8	...	-	14	13.6	
St. Pierre and Miquelon	-	-	-	-	6	13	10	200.0	12	12	-	-	
St. Vincent	...	...	*	*	...	...	914	1015.6	...	...	*	*
Surinam (a)	...	...	...	...	* 2 068	* 1 972	634.1	...	...	...	...	...
Turks and Caicos Islands	-	...	+	-	44	...	+	70	1166.7	-	+	4	(66.7)
Virgin Islands (UK)	...	...	-	-	...	...	...	...	...	...	-	-
Virgin Islands (USA)	-	+	-	-	112	+	84	+	125	250.0	...	...

(a) Reporting area.

(b) São Paulo State.

(c) Arthropod-borne encephalitis (082, 0).

(d) Including serum jaundice (N998, 5).

(e) Excluding blennorrhagic ophthalmia of newborn (033 pt.).

(f) Acute and unspecified gonorrhoea (030).

(g) Incomplete data.

TABLE I. REPORTED CASES OF NOTIFIABLE DISEASES WITH RATES PER
100,000 POPULATION, BY COUNTRY, 1966

Country	Influenza (480-483)				Leprosy (080)				Malaria (a) (110-117)			
	1961-65 Median	1965 Number	1966		1961-65 Median	1965 Number	1966		1961-65 Median	1965 Number	1966	
			Number	Rate			Number	Rate			Number	Rate
Argentina	49 139	80 529	74 665	329.1	734	1 168	921	4.1	825	387	428	1.9
Barbados	-	-	-	-	1	1	-	-	*	*	*	*
Bolivia	932	5 118	b) 2 263	121.5	18	-	b) 19	1.0	315	941	1 380	38.8
Brazil	...	...	...	...	5 642	...	...	...	110 306	110 306	108 630	130.6
Canada	*	*	*	*	1	1	1	0.0	1	3	7	0.0
Chile	9 175	4 248	...	...	-	-	-	-	-	-	+ c) 1	0.0
Colombia	b) 73 266	90 828	82 155	441.8	b) 561	230	990	5.3	b) 21 245	18 888	22 148	119.1
Costa Rica	11 625	5 282	6 166	414.9	35	38	37	2.5	1 583	2 563	3 046	205.0
Cuba	12 511	12 511	7 689	93.2	159	331	330	4.2	833	127	36	0.5
Dominican Republic	69 329	57 454	47 021	1 252.6	47	24+	26	0.7	8027	+ 3 063	495	13.2
Ecuador	...	...	...	...	...	333	179	3.4	4 694	4 172	4 698	88.2
El Salvador (d)	19 400	32 462	56 274	2 471.4	24	3	7	0.3	17 846	34 217	68 582	2 257.6
Guatemala	15 153	16 804	66 859	1 461.4	8	111	169	3.7	14 472	14 472	22 045	481.9
Guyana	2 744	6 340	6 588	995.2	* 39	* 992*	22	3.3	235	28	911	137.6
Haiti	21 773	15 382	18 637	415.5	9	5	2	0.0	21 569	12 740	9 307	207.5
Honduras (d)	16 482	16 363	27 427	2 018.2	28	28	21	1.5	6 750	6 952	17 127	724.8
Jamaica	2 087	2 087	1 426	77.5	25	26	21	1.1	5	2	c) 2	0.1
Mexico	71 540	82 675	47 185	106.9	271	271	121	0.3	11 759	10 114	11 605	26.3
Nicaragua	1 879	5 608	9 680	564.4	18	18	11	0.6	11 359	8 307	15 647	912.4
Panama	4 647	5 724	7 130	554.0	2	7	1	0.1	2 426	2 063	3 668	285.0
Paraguay (d)	16 794	15 951	12 977	1 187.3	392	297	215	19.7	6 242	6 728	32 996	1 575.7
Peru (d)	36 948	36 948	46 702	767.2	59	37	51	0.8	1 934	1 877	2 051	17.1
Trinidad and Tobago	* 4 377	* 6 455	* 2 933	293.3	25	22	48	4.8	-	-	-	-
United States	*	*	*	*	96	96	109	0.1	e) 99	e) 147	e) 565	0.3
Uruguay	5 023	3 036	3 729	135.6	27	27	33	1.2	1	2	4	0.1
Venezuela (d)	f) 88 065	f) 33 660	f) 36 198	581.9	266	362	381	6.1	e) 2 853	e) 5 339	e) 5 481	61.4
Antigua	372	+ 178	13	21.7	2	...	-	-	-	+ -	-	-
Bahamas	6	+ 1	24	17.1	2	5	3	2.1	4	1	1	0.7
Bermuda	4	4	...	...	-	-	1	2.0	-	-	-	-
British Honduras	544	...	1 277	1 171.6	-	-	-	-	23	207	552	506.4
Canal Zone	-	-	-	-	-	-	-	-	9	9	31	55.4
Cayman Islands	56	...	...	...	-	...	-	-	-	...	-	-
Dominica	275	1 024	830	1 220.8	-	1	3	4.4	-	-	-	-
Falkland Islands	-	-	-	-	-	-	-	-	-	-	-	-
French Guiana	-	-	-	-	57	57	+ 25	67.6	25	22	+ 11	29.7
Grenada	...	...	...	...	-	...	...	...	-	...	...	...
Guadeloupe	-	-	-	-	60	104	119	37.3	-	-	-	-
Martinique	*	*	*	*	48	34	60	18.3	-	-	-	-
Montserrat	36	36	1 081	7 578.6	1	1	-	-	-	-	-	-
Netherlands Antilles	*	...	*	*	6	...	5	2.4	*	...	*	*
Puerto Rico	13 042	10 714	8 825	330.8	1	1	3	0.1	-	c) 2	c) 10	0.4
St. Kitts-Nevis- Anguilla	570	323	137	224.6	-	1	1	1.6	-	-	-	-
St. Lucia	46	-	-	-	3	3	3	2.9	4	-	-	-
St. Pierre and Miquelon	10	275	-	-	-	-	-	-	-	-	-	-
St. Vincent	...	...	1 231	1 367.8	...	...	-	-	...	...	-	-
Surinam (d)	*	*	*	*	201	218	181	58.2	1 681	4 171	3 405	972.9
Turks and Caicos Islands	8	...	+ 22	366.7	-	...	+ 3	(50.0)	-	...	+ c) 1	(16.7)
Virgin Islands (UK)	...	...	-	-	...	...	-	-	...	...	-	-
Virgin Islands (USA)	...	...	...	...	1	+ 1	+ -	-	-	+ -	-	-

(a) Cases reported correspond to those confirmed in eradication programs, with a few exceptions.

(b) Reporting area.

(c) Imported.

(d) Reporting area, except for malaria.

(e) Including cases acquired outside the country - in Venezuela 545 in 1965, 846 in 1966.

(f) Including, probably, cases of common cold and bronchial processes reported as influenza.

TABLE I. REPORTED CASES OF NOTIFIABLE DISEASES WITH RATES PER
100,000 POPULATION, BY COUNTRY, 1966

Country	Measles (085)				Meningococcal infections (057)				Paratyphoid fever (a) (041)			
	1961-65 Median	1965 Number	1966		1961-65 Median	1965 Number	1966		1961-65 Median	1965 Number	1966	
			Number	Rate			Number	Rate			Number	Rate
Argentina	13 102	9 875	44 902	197.9	812	893	909	4.0	...	...	...	...
Barbados	*	*	*	*	1	+	1	-	-	-	-	-
Bolivia	390	1 084	b) 881	47.3	9	+	19	b) 6	0.3	-	-	-
Brazil (c)	...	5 325	4 432	28.5	...	161	134	0.9	...	...	...	...
Canada	*	*	*	*	111	88	85	0.4	...	...	...	...
Chile	35 941	13 110	23 604	269.8	92	68	101	1.2	...	...	...	...
Colombia	b) 36 756	43 332	22 243	119.6	b) 280	439	307	1.7	...	...	...	...
Costa Rica	2 977	1 987	1 427	98.0	8	+	6	7	0.5	+	5	3
Cuba	2 151	9 281	10 638	135.8	17	20	15	0.2	46	30	33	0.4
Dominican Republic	2 344	2 319	2 481	66.1	-	+	2	-	305	396	309	8.2
Ecuador	*	*	*	*	...	...	...	...	...	...	...	...
El Salvador (b)	5 443	10 889	9 124	400.7	-	-	-	-	42	42	34	1.5
Guatemala	2 548	5 517	3 275	71.6	2	-	-	-	32	19	95	2.1
Guyana	308	66	772	118.6	*	*	*	*	-	-	-	-
Haiti	796	738	+d) 998	22.2	44	98	94	2.1	-	-	...	...
Honduras (b)	3 382	4 391	4 769	350.9	69	...	30	2.2	...	...	...	...
Jamaica	441	778	2 310	125.6	14	9	8	0.4	-	-	-	-
Mexico	53 864	43 654	53 118	120.3	31	77	34	0.1	2 592	2 478	2 252	5.1
Nicaragua	...	...	422	24.6	-	-	-	-	139	22	175	10.2
Panama	942	942	1 685	130.9	5	2	2	0.2	2	1	1	0.1
Paraguay (b)	740	975	340	31.1	8	6	18	1.6	...	...	...	...
Peru (b)	17 730	18 228	25 045	511.5	74	39	71	1.2	...	...	...	...
Trinidad and Tobago	* 285	* 193	* 172	17.2	3	4	4	0.4	...	...	1	0.1
United States	423 919	261 904	204 136	104.2	2 470	3 040	3 381	1.7	e) 15 390	e) 17 161	e) 16 841	8.6
Uruguay	2 077	7 923	363	13.2	2	2	5	0.2	8	14	6	0.2
Venezuela (b)	32 627	44 635	29 089	467.6	8	7	5	0.1	...	...	...	...
Antigua	7	+	2	-	-	+	-	-	...	+	-	...
Bahamas	...	...	-	-	-	+	3	-	1	+	2	-
Bermuda	35	569	113	226.0	-	-	-	-	-	1	1	2.0
British Honduras	39	39	197	180.7	-	+	-	4	3.7	-	-	-
Canal Zone	74	114	51	91.1	-	-	-	3	5.4	-	-	-
Cayman Islands	1	...	...	...	-	...	-	-	-	...	-	-
Dominica	366	16	2	2.9	3	1	3	4.4	...	...	...	...
Falkland Islands	-	-	-	-	-	-	-	-	-	-	-	-
French Guiana	2	-	-	-	-	-	-	-	-	-	-	-
Grenada	...	...	...	...	...	...	...	...	...	...	...	...
Guadeloupe	1	13	1	0.3	-	-	1	0.3	-	-	-	-
Martinique	19	3	27	8.3	-	-	-	-	...	...	...	...
Montserrat	1	21	2	(14.3)	-	-	-	-	...	...	-	-
Netherlands Antilles	*	...	*	*	*	...	*	*	e) 634	...	e) 447	212.9
Puerto Rico	2 977	2 977	3 676	137.8	14	14	20	0.7	-	-	-	-
St. Kitts-Nevis- Anguilla	681	383	27	44.3	-	1	-	-	-	-	-	-
St. Lucia	3	3	12	11.7	-	-	-	-	...	...	...	...
St. Pierre and Miquelon	-	20	-	-	-	-	-	-	-	-	-	-
St. Vincent	...	...	25	27.8	...	...	2	2.2	...	...	-	-
Surinam (b)	*	*	*	*	...	...	...	...	...	...	1	0.3
Turks and Caicos Islands	-	...	+	-	-	...	+	-	-	...	+	-
Virgin Islands (UK)	...	...	-	-	...	...	-	-	...	...	-	-
Virgin Islands (USA)	...	...	...	...	-	+	-	-	-	+	-	-

(a) Data for paratyphoid fever are included in data for typhoid fever (040) in Argentina, Brazil, Canada, Chile, Colombia, Ecuador, Honduras, Paraguay, Peru, Venezuela, Antigua, Dominica, Martinique and St. Lucia.

(b) Reporting area.

(c) São Paulo State.

(d) Incomplete data.

(e) Including other salmonella infections (042).

TABLE I. REPORTED CASES OF NOTIFIABLE DISEASES WITH RATES PER
100,000 POPULATION, BY COUNTRY, 1966

Country	Plague (058)				Poliomyelitis, acute (a) (080)				Rabies (094)			
	1961-65 Median	1965 Number	1966		1961-65 Median	1965 Number	1966		1961-65 Median	1965 Number	1966	
			Number	Rate			Number	Rate			Number	Rate
Argentina	-	-	-	-	955	260	574	2.5	22	16	10	0.0
Barbados	-	-	-	-	-	-	-	-	*	*	*	*
Bolivia	49	149	3	0.1	3	41	14	0.8	-	-	-	-
Brazil (c)	106	119	48	0.1	...	541	562	3.6	...	25	18	0.1
Canada	-	-	-	-	89	3	3	0.0	-	-	-	-
Chile	-	-	-	-	363	206	141	1.6	5	1	1	0.0
Colombia	-	-	-	-	b) 397	330	489	2.6	b) 45	103	50	0.3
Costa Rica	-	-	-	-	18	15	10	0.7	-	-	-	-
Cuba	-	-	-	-	1	-	-	-	-	-	1	0.0
Dominican Republic	-	-	-	-	29	46	17	0.5	2	11	3	0.1
Ecuador	258	369	171	3.2	97	217	148	2.8	16	15	12	0.2
El Salvador (d)	-	-	-	-	32	81	36	1.6	6	7	11	0.5
Guatemala	-	-	-	-	147	210	118	2.6	3	6	6	0.1
Guyana	-	-	-	-	2	-	-	-	*	*	*	*
Haiti	-	-	-	-	12	5	5	0.1	1	3	...	...
Honduras (d)	-	-	-	-	38	265	38	2.8	2	1	2	0.1
Jamaica	-	-	-	-	25	53	6	0.3	-	-	-	-
Mexico	-	-	-	-	483	477	1024	2.3	42	38	55	0.1
Nicaragua	-	-	-	-	70	105	15	0.9	1	1	-	-
Panama	-	-	-	-	20	9	4	0.3	-	-	-	-
Paraguay (d)	-	-	-	-	39	18	14	1.3	2	2	-	-
Peru	125	200	669	5.6	b) 553	b) 444	b) 138	2.3	11	11	26	0.2
Trinidad and Tobago	-	-	-	-	4	-	1	0.1	-	-	-	-
United States	1	8	e) 6	0.0	449	72	113	0.1	2	2	1	0.0
Uruguay	-	-	-	-	21	12	29	1.1	-	1	2	0.1
Venezuela	-	-	-	-	b) 316	b) 118	b) 199	3.2	19	15	17	0.2
Antigua	-	-	-	-	-	+	-	-	-	-	-	-
Bahamas	-	-	-	-	2	+	-	-	-	+	-	-
Bermuda	-	-	-	-	-	-	-	-	-	-	-	-
British Honduras	-	-	-	-	-	-	1	0.9	-	-	-	-
Canal Zone	-	-	-	-	-	-	-	-	-	-	-	-
Cayman Islands	-	-	-	-	-	-	-	-	-	-	-	-
Dominica	-	-	-	-	-	...	-	-	*	...	-	-
Falkland Islands	-	-	-	-	-	-	-	-	-	-	-	-
French Guiana	-	-	-	-	-	-	-	-	-	-	-	-
Grenada	-	-	-	-	-	...	-	-	-	+	-	-
Guadeloupe	-	-	-	-	-	...	1	0.3	-	-	-	-
Martinique	-	-	-	-	-	-	1	0.3	-	-	-	-
Montserrat	-	-	-	-	-	-	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	...	-	-	*	...	-	-
Puerto Rico	-	-	-	-	5	-	2	0.1	-	-	-	-
St. Kitts-Nevis- Anguilla	-	-	-	-	-	-	-	-	-	-	-	-
St. Lucia	-	-	-	-	-	-	-	-	-	-	-	-
St. Pierre and Miquelon	-	-	-	-	-	-	-	-	-	-	-	-
St. Vincent	-	-	-	-	...	...	1	1.1	...	...	-	-
Surinam (d)	-	-	-	-	-	-	-	-	-	-	-	-
Turks and Caicos Islands	-	-	-	-	-	...	+	-	-	+	-	-
Virgin Islands (UK)	-	-	-	-	...	...	-	-	...	...	-	-
Virgin Islands (USA)	-	-	-	-	-	+	+	-	-	+	-	-

(a) Data refer to paralytic poliomyelitis (080.0,080.1) in Argentina (through 1965), Canada, El Salvador, Haiti, Honduras, Mexico (through 1965), Nicaragua, and Paraguay (in 1966).

(b) Reporting area.

(c) São Paulo State, except for plague.

(d) Reporting area, except for plague

(e) Including 1 imported case.

TABLE I. REPORTED CASES OF NOTIFIABLE DISEASES WITH RATES PER
100,000 POPULATION, BY COUNTRY, 1966

Country	Relapsing fever (a) (071)				Scarlet fever (050)				Smallpox (084)			
	1961-65 Median	1965 Number	1966		1961-65 Median	1965 Number	1966		1961-65 Median	1965 Number	1966	
			Number	Rate			Number	Rate			Number	Rate
Argentina	...	...	...	...	766	584	1072	4.7	b) 6	b) 15	21	0.1
Barbados	...	...	...	...	*	*	*	*	-	-	-	-
Bolivia	...	...	...	...	23	43	c) 18	1.0	-	-	-	-
Brazil	...	...	...	...	...	d) 141	d) 117	0.8	6 433	3 269	3 518	4.2
Canada	...	...	...	...	e) 10 605	e) 13 596	e) 20 022	99.9	-	-	-	-
Chile	...	...	...	...	2 404	2 076	2 458	28.1	-	-	-	-
Colombia	c) 143	16	202	1.1	c) 297	319	283	1.5	f) 21	g) 149	f) 8	0.0
Costa Rica	-	-	-	-	12+	7	16	1.1	-	-	-	-
Cuba	-	-	-	-	28	47	41	0.5	-	-	-	-
Dominican Republic	-	-	-	-	*	*	*	*	-	-	-	-
Ecuador	...	...	...	...	...	...	...	...	45	-	-	-
El Salvador (h)	-	-	-	-	5	5	7	0.3	-	-	-	-
Guatemala	-	-	-	-	39	30	36	0.8	-	-	-	-
Guyana	...	...	...	...	-	-	-	-	-	-	-	-
Haiti	-	-	-	-	-	-	...	...	-	-	-	-
Honduras (h)	-	-	-	-	*	*	4	0.3	-	-	-	-
Jamaica	-	-	-	-	13	15	12	0.7	-	-	-	-
Mexico	2	-	-	-	628	867	679	1.5	-	-	-	-
Nicaragua	...	...	...	...	*	*	*	*	-	-	-	-
Panama	-	-	-	-	3	3	1	0.1	-	-	-	-
Paraguay (h)	-	-	-	-	1	-	2	0.2	-	32	5	0.2
Peru (h)	-	-	d) 1	0.0	171	171	185	3.0	18	18	13	0.1
Trinidad and Tobago	-	-	-	-	*	*	*	*	-	-	-	-
United States	...	...	j) 5	0.0	e) 342 161	e) 395 168	e) 427 752	218.3	-	-	-	-
Uruguay	-	-	-	-	201	67	155	5.6	k) 1	k) 1	-	-
Venezuela (h)	-	-	-	-	9	4	1	0.0	-	-	-	-
Antigua	-	...	-	-	-	-	-	-	-	-	-	-
Bahamas	-	...	-	-	-	+	28	45	32.1	-	-	-
Bermuda	-	-	-	-	3	3	12	24.0	-	-	-	-
British Honduras	-	-	-	-	-	1	5	4.6	-	-	-	-
Canal Zone	-	-	-	-	3	3	-	-	-	-	-	-
Cayman Islands	-	...	-	-	-	...	-	-	-	-	-	-
Dominica	-	-	-	-	-	-	-	-	-	-	-	-
Falkland Islands	-	-	-	-	-	-	-	-	-	-	-	-
French Guiana	-	-	...	...	-	-	+	-	-	-	-	-
Grenada	...	...	...	...	...	...	...	...	-	-	-	-
Guadeloupe	-	-	-	-	-	-	-	-	-	-	-	-
Martinique	-	-	-	-	-	-	-	-	-	-	-	-
Montserrat	-	-	-	-	-	-	-	-	-	-	-	-
Netherlands Antilles	-	...	-	-	4	...	3	1.4	-	-	-	-
Puerto Rico	-	-	-	-	e) 489	18	23	0.9	-	-	-	-
St. Kitts-Nevis- Anguilla	-	-	-	-	-	-	-	-	-	-	-	-
St. Lucia	-	-	-	-	-	-	-	-	-	-	-	-
St. Pierre and Miquelon	-	-	-	-	-	-	-	-	-	-	-	-
St. Vincent	...	...	-	-	...	...	1	1.1	-	-	-	-
Surinam (h)	-	-	-	-	...	...	...	...	-	-	-	-
Turks and Caicos Islands	-	...	+	-	-	...	+	-	-	-	-	-
Virgin Islands (UK)	...	...	-	-	...	...	-	-	-	-	-	-
Virgin Islands (USA)	...	...	-	-	-	+	+	-	-	-	-	-

(a) Cases reported in 1965 and 1966, except the case in Peru, were of tick-borne relapsing fever (071.1).

(b) Including imported cases - 1 in 1965.

(c) Reporting area.

(d) São Paulo State.

(e) Including streptococcal sore throat (051).

(f) Confirmed cases.

(g) Including 68 confirmed cases.

(h) Reporting area, except for louse-borne relapsing fever and smallpox.

(i) Louse-borne relapsing fever.

(j) Data for California State.

(k) Imported.

TABLE I. REPORTED CASES OF NOTIFIABLE DISEASES WITH RATES PER
100,000 POPULATION, BY COUNTRY, 1966

Country	Syphilis (020-029)				Tetanus (061)				Trachoma (095)			
	1961-65 Median	1965 Number	1966		1961-65 Median	1965 Number	1966		1961-65 Median	1965 Number	1966	
			Number	Rate			Number	Rate			Number	Rate
Argentina	5 149	4 257	5 710	25.2	538	454	563	2.5	380	367	508	2.2
Barbados	*	*	*	*	*	*	*	*	*	*	*	*
Bolivia	124	202	a) 91	4.9	8	-	a) 24	1.3	*	*	*	*
Brazil (b)	...	...	...	...	...	1 226	1 076	6.9	...	...	...	...
Canada	2 432	2 388	1 970	9.8	11	9	5	0.0	*	*	*	*
Chile	* 3 502	* 4 479	* 3 603	41.2	61	61	42	0.5	1	16	-	-
Colombia	a) 10 186	c) 16 704	c) 16 530	88.9	a) 1 029	754	754	4.1	*	*	*	*
Costa Rica	1 170	+ 639	754	50.7	46	45	49	3.3	-	-	-	-
Cuba	1 691	2 322	2 049	26.2	509	509	474	6.1	*	*	-	-
Dominican Republic	10 494	10 066	...	...	475	478	+ 265	7.1	645	329	...	...
Ecuador	...	...	...	...	*	*	*	*	...	...	...	...
El Salvador (a)	6 552	9 159	8 675	381.0	243	420	288	12.6	-	-	-	-
Guatemala	906	1 852	1 755	38.4	92	107	110	2.4	*	*	*	*
Guyana	* 374	* *	* 961	145.2	* 12	* 1	* 11	1.7	* 1	* *	* *	* *
Haiti	3 405	2 907	2 600	58.0	630	615	891	19.9	29	125	...	...
Honduras (a)	1 800	868	2 588	190.4	52	86	52	3.8	*	*	*	*
Jamaica	2 298	2 025	3 766	204.8	114	113	99	5.4	-	-	-	-
Mexico	18 219	16 323	12 907	29.2	1 049	912	743	1.7	6	...	...	...
Nicaragua	1 537	2 309	1 745	101.7	...	...	250	14.6	*	*	*	*
Panama	239	351	254	19.7	89	132	312	24.2	3	-	-	-
Paraguay (a)	1 835	1 951	1 836	168.0	147	147	146	13.4	10	3	4	0.4
Peru (a)	3 570	3 570	3 141	51.6	239	323	311	5.1	15	38	24	0.4
Trinidad and Tobago	* 349	* 221	* 598	59.8	* 3	* *	* *	*	*	*	*	*
United States	124 137	112 842	106 159	63.7	322	300	235	0.1	*	*	d) 1 165	3.9
Uruguay	234	333	423	15.4	56	45	51	1.9	1	1	-	-
Venezuela (a)	9 480	9 395	10 032	161.3	636	595	708	11.4	6	3	-	-
Antigua	172	...	6	10.0	6	...	5	8.3	-	...	-	-
Bahamas	30	+ 178	27	19.3	...	...	12	8.6	...	...	-	-
Bermuda	12	50	68	136.0	-	-	1	2.0	-	-	-	-
British Honduras	654	77	...	...	10	8	2	1.8	-	-	-	-
Canal Zone	24	38	33	58.9	-	-	-	-	-	-	-	-
Cayman Islands	1	...	...	...	-	...	1	(11.1)	-	...	-	-
Dominica	66	42	69	101.5	10	9	10	14.7	*	*	*	*
Falkland Islands	-	-	-	-	-	-	-	-	-	-	-	-
French Guiana	54	50	+ 19	51.4	2	2	+ -	-	-	-	...	...
Grenada	...	...	...	...	...	...	...	...	...	...	...	...
Guadeloupe	495	451	309	96.9	8	2	10	3.1	...	-	-	-
Martinique	9	+e) 468	1 079	330.0	12	10	12	3.7	-	-	-	-
Montserrat	7	3	62	442.9	3	3	1	(7.1)	...	-	-	-
Netherlands Antilles	*	...	*	*	*	...	-	-	*	...	*	*
Puerto Rico	1 401	1 861	2 116	79.3	109	70	58	2.2	*	-	-	-
St. Kitts-Nevis- Anquilla	18	18	11	18.0	1	-	1	1.6	-	-	-	-
St. Lucia	196	34	164	159.2	...	-	-	-	-	-	-	-
St. Pierre and Miquelon	-	-	1	(20.0)	-	-	-	-	-	-	-	-
St. Vincent	...	...	17	18.9	...	...	9	10.0	...	...	*	*
Surinam (a)	* 286	* 286	* 286	92.6	*	*	*	*	*	*	*	*
Turks and Caicos Islands	2	...	+ 24	400.0	-	...	+ 1	(16.7)	-	...	+ -	-
Virgin Islands (UK)	...	...	...	...	...	...	-	-	...	...	-	-
Virgin Islands (USA)	454	+ 460	+ 206	412.0	...	...	...	...	...	...	...	...

(a) Reporting area.

(b) São Paulo State.

(c) Congenital and early syphilis (020, 021).

(d) Data for 8 States; not nationally notifiable.

(e) Including data for yaws (073).

TABLE I. REPORTED CASES OF NOTIFIABLE DISEASES WITH RATES PER
100,000 POPULATION, BY COUNTRY, 1966

Country	Tuberculosis (001-019)				Typhoid fever (a) (040)				Typhus, louse-borne (100)			
	1961-65 Median	1965 Number	1966		1961-65 Median	1965 Number	1966		1961-65 Median	1965 Number	1966	
			Number	Rate			Number	Rate			Number	Rate
Argentina	19098	16380	22007	97.0	1545	1036	1418	6.2	-	-	-	-
Barbados	72	42	28	11.4	12	-	9	3.7	-	-	-	-
Bolivia	1471	2485	b) 1956	105.0	118	311	b) 170	9.1	64	126	206	5.6
Brazil	...	...	...	...	...	c) 398	c) 369	2.4	-	-	-	-
Canada	d) 5705	d) 4803	d) 4517	22.5	195	158	127	0.6	-	-	-	-
Chile	*	*	*	*	4618	5598	4576	52.3	6	11	6	0.1
Colombia	b) 13455	e) 13362	e) 14617	78.6	b) 11971	10179	9084	48.8	-	-	-	-
Costa Rica	567	570	567	38.2	77	52	103	6.9	-	-	-	-
Cuba	2768	4958	2846	36.3	948	236	169	2.2	-	-	-	-
Dominican Republic	1060	1042	+e) 589	15.2	556	434	336	9.0	-	-	-	-
Ecuador	5758	e) 5930	e) 6170	115.8	2945	2171	2127	39.9	259	189	130	2.4
El Salvador (f)	4823	4823	5595	245.7	1153	1153	828	36.3	-	-	-	-
Guatemala	3647	6121	5524	120.7	887	1082	1251	27.3	-	-	-	-
Guyana	195	293	242	36.6	308	343	242	36.6	-	-	-	-
Haiti	3862	e) 3514	e) 3391	75.6	411	411	902	20.1	-	-	-	-
Honduras (f)	2157	e) 2321	e) 2183	160.6	648	753	874	64.3	-	-	-	-
Jamaica	335	301	356	19.4	163	142	113	6.1	-	-	-	-
Mexico	16070	16070	e) 10306	23.3	5980	4847	6387	14.5	39	34	75	0.2
Nicaragua	707	1998	2311	134.8	286	51	93	5.4	-	-	-	-
Panama	1354	1354	1035	80.4	22	22	5	0.4	-	-	-	-
Paraguay (f)	1223	1127	1358	124.2	66	35	218	19.9	-	-	-	-
Peru (f)	23853	23853	22433	368.5	5047	5924	7315	120.2	44	101	44	0.4
Trinidad and Tobago	312	135	796	79.6	62	11	29	2.9	-	-	-	-
United States	d) 53727	d) 49011	d) 47767	24.4	568	454	378	0.2	-	-	-	-
Uruguay	2044	1804	2130	77.5	247	247	289	10.5	-	-	-	-
Venezuela (f)	7529	7192	6514	104.7	560	560	354	5.7	-	-	-	-
Antigua	2+	-	6	10.0	9+	-	15	25.0	-	-	-	-
Bahamas	145+	143	70	50.0	16+	7	3	2.1	-	-	-	-
Bermuda	16	14	6	12.0	-	-	-	-	-	-	-	-
British Honduras	74	80	56	51.4	10	7	5	4.6	-	-	-	-
Canal Zone	17	19	22	39.3	1	1	2	3.6	-	-	-	-
Cayman Islands	2	...	-	-	-	...	-	-	-	-	-	-
Dominica	128	111	67	98.5	76	91	115	169.1	-	-	-	-
Falkland Islands	2	2	1	(50.0)	-	-	-	-	-	-	-	-
French Guiana	27+	12+	2	5.4	11	11+	13	35.1	-	-	-	-
Grenada	29	...	...	...	6	...	...	...	-	-	-	-
Guadeloupe	146	75	162	50.8	10	-	3	0.9	-	-	-	-
Martinique	135	135	142	43.4	169	58	190	58.1	-	-	-	-
Montserrat	5	6	6	(42.9)	6	2	1	(7.1)	-	-	-	-
Netherlands Antilles	23	...	16	7.6	4	...	4	1.9	-	-	-	-
Puerto Rico	1812	1602	1247	46.7	18	18	20	0.7	-	-	-	-
St. Kitts-Nevis- Anguilla	18	19	7	11.5	-	-	-	-	-	-	-	-
St. Lucia	59	88	93	90.3	40	62	48	46.6	-	-	-	-
St. Pierre and Miquelon	11	12	6	(120.0)	-	-	-	-	-	-	-	-
St. Vincent	...	...	19	21.1	...	...	-	-	-	-	-	-
Surinam (f)	148	145	150	48.2	18	18	71	22.8	-	-	-	-
Turks and Caicos Islands	-	...	11	183.3	-	...	1	(16.7)	-	-	-	-
Virgin Islands (UK)	...	...	-	-	...	...	-	-	-	-	-	-
Virgin Islands (USA)	4+	2+	4	8.0	-+	-+	-	-	-	-	-	-

(a) Data for typhoid fever include data for paratyphoid fever (041) in Argentina, Brazil, Canada, Chile, Colombia, Ecuador, Honduras, Paraguay, Peru, Venezuela, Antigua, Dominica, Martinique and St. Lucia.
(b) Reporting area.

(c) São Paulo State.
(d) Newly reported active cases.
(e) Respiratory tuberculosis (001-008).
(f) Reporting area, except for louse-borne typhus.

TABLE I. REPORTED CASES OF NOTIFIABLE DISEASES WITH RATES PER
100,000 POPULATION, BY COUNTRY, 1966

Country	Whooping cough (056)				Yaws (073)				Yellow fever (a) (091)			
	1961-65 Median	1965 Number	1966		1961-65 Median	1965 Number	1966		1961-65 Median	1965 Number	1966	
			Number	Rate			Number	Rate			Number	Rate
Argentina	22 975	22 975	17 750	78.2	-	...	...	...	-	2	51	0.2
Barbados	*	*	*	*	*	*	*	*	-	-	-	-
Bolivia	364	1 276	b) 703	37.8	*	*	b) 2	0.1	13	19	69	1.8
Brazil	...	c) 1 761	c) 1 461	9.4	...	...	...	...	2	14	167	0.2
Canada	5 476	2 474	4 549	22.7	*	*	*	*	-	-	-	-
Chile	5 279	6 649	3 599	41.1	-	...	...	...	-	-	-	-
Colombia	b) 28 520	26 245	18 095	97.3	b) 327	189	84	0.5	10	2	3	0.0
Costa Rica	1 529	1 925	1 222	82.2	-	-	-	-	-	-	-	-
Cuba	151	2 081	1 230	15.7	-	-	-	-	-	-	-	-
Dominican Republic	2 973	2 261	2 008	53.5	42	+	30	+	6	0.2	-	-
Ecuador	...	...	...	...	*	*	*	*	-	-	-	-
El Salvador (d)	3 049	3 653	4 617	202.8	-	-	-	-	-	-	-	-
Guatemala	2 355	2 717	2 857	62.4	*	*	*	*	-	-	-	-
Guyana	* 292	* 14	* 580	87.6	* 3	* 18	* 30	4.5	-	-	-	-
Haiti	1 908	1 908	2 046	45.6	86	69	161	3.6	-	-	-	-
Honduras (d)	3 507	2 914	2 479	182.4	*	*	*	*	-	-	-	-
Jamaica	1 619	1 619	997	54.2	215	101	52	2.8	-	-	-	-
Mexico	39 119	22 981	22 266	50.4	*	-	-	-	-	-	-	-
Nicaragua	425	741	571	33.3	*	*	*	*	-	-	-	-
Panama	1 001	1 413	315	24.5	6	7	1	0.1	-	-	-	-
Paraguay (d)	1 596	1 596	1 503	137.5	...	...	...	...	-	-	-	-
Peru (d)	17 018	17 018	16 050	263.7	41	63	25	0.4	49	45	9	0.1
Trinidad and Tobago	* 424	* 424	* 233	23.3	*	*	*	*	-	-	-	-
United States	13 005	6 799	7 717	3.9	*	-	e) 3	0.0	-	-	-	-
Uruguay	449	72	10	0.4	-	-	-	-	-	-	-	-
Venezuela (d)	9 490	29 341	9 051	145.5	140	131	f) 6	0.1	2	5	5	0.1
Antigua	-	+	-	1	1.7	1	...	-	-	-	-	-
Bahamas	1	+	1	6	4.3	-	-	-	-	-	-	-
Bermuda	-	-	1	109	218.0	-	-	-	-	-	-	-
British Honduras	-	-	-	73	67.0	-	-	-	-	-	-	-
Canal Zone	-	-	-	-	-	-	-	-	-	-	-	-
Cayman Islands	-	...	...	...	-	...	-	-	-	-	-	-
Dominica	240	4	-	-	34	29	125	183.8	-	-	-	-
Falkland Islands	-	-	-	-	-	-	-	-	-	-	-	-
French Guiana	-	-	+	1	2.7	-	-	...	-	-	-	-
Grenada	...	...	...	...	-	...	...	...	-	-	-	-
Guadeloupe	-	-	-	-	-	-	-	-	-	-	-	-
Martinique	7	10	1	0.3	-	g) ...	...	...	-	-	-	-
Montserrat	2	2	136	971.4	...	...	h) 7	(50.0)	-	-	-	-
Netherlands Antilles	*	...	*	*	*	...	*	*	-	-	-	-
Puerto Rico	406	180	139	5.2	-	-	-	-	-	-	-	-
St. Kitts-Nevis- Anguilla	2	431	463	767.2	-	-	-	-	-	-	-	-
St. Lucia	1	-	-	-	415	43	27	26.2	-	-	-	-
St. Pierre and Miquelon	-	-	-	-	-	-	-	-	-	-	-	-
St. Vincent	...	...	1	1.1	...	...	1 097	1 218.9	-	-	-	-
Surinam	*	*	*	*	*	*	*	*	-	-	-	-
Turks and Caicos Islands	-	...	+	-	-	-	+	-	-	-	-	-
Virgin Islands (UK)	...	...	-	-	...	...	-	-	-	-	-	-
Virgin Islands (USA)	-	+	2	+	-	-	-	-	-	-	-	-

(a) All cases were of jungle yellow fever.

(b) Reporting area.

(c) São Paulo State.

(d) Reporting area, except for yellow fever.

(e) Imported.

(f) Infectious cases; data for entire country.

(g) Data for yaws are included in data for syphilis (020-029).

(h) Latent cases.

TABLE II. REPORTED CASES OF OTHER COMMUNICABLE DISEASES WITH RATES PER 100,000 POPULATION BY COUNTRY, 1966

Disease and country	1961-65 Median	1965 Number	1966		Disease and country	1961-65 Median	1965 Number	1966	
			Number	Rate				Number	Rate
DENGUE (090)					LEPTOSPIROSIS (072) (cont.)				
Argentina	-	1	-	-	Brazil (d)	...	95	84	0.5
Dominican Republic	527	527	...	...	Chile	2	...	...	...
Jamaica	36	36	6	0.3	Haiti	1	...	...	...
Venezuela (a)	-	4040	7750	124.8	Jamaica	13	13	27	1.5
Antigua	-	8	-	-	Trinidad and Tobago	*	*	1	0.1
Puerto Rico	93	93	2	0.1	United States	84	84	72	0.0
FILARIASIS (127)					Venezuela (a)	2	2	3	0.0
Dominican Republic	117	330	...	...	Canal Zone	-	1	2	3.6
Guatemala (b)	5405	6133	5921	129.4	French Guiana	-	-	1	2.7
Guyana (c)	* 2074	* 1278	* 1986	300.0	Martinique	-	1	1	0.3
Haiti	18	...	...	...	Puerto Rico	3	1	3	0.1
Mexico (b)	178	...	...	...	PSITTACOSIS(096.2)				
Panama	-	1	-	-	Argentina	-	1	-	-
Venezuela (a)	12	82	21	0.3	Canada	5	5	1	0.0
Antigua	12	...	3	5.0	Guyana	*	*	3	0.5
Bahamas	...	...	1	0.7	United States	76	60	50	0.0
Montserrat	2	2	9	(64.3)	SCHISTOSOMIASIS (123)				
St. Kitts-Nevis-Anguilla	14	2	-	-	Brazil (d)	...	+ 165	184	1.2
Surinam (a)	* 343	* 409	* 153	49.2	Dominican Republic	45	...	+ 6	0.2
HYDATIDOSIS (125)					United States	*	* f)	288	1.5
Argentina	316	268	412	1.8	Venezuela (a)	2526	2526	2124	34.1
Chile	238	888	784	9.0	Antigua	-	...	1	1.7
Peru (a)	147	150	173	2.3	Puerto Rico	333	135	95	3.6
Uruguay	364	428	418	15.2	Surinam (a)	* *	569	* 423	136.0
Falkland Islands	-	-	1	(50.0)	Virgin Islands (USA)	16	+ 16	+ 6	12.0
Surinam	* *	1	*	*	TRICHINIASIS (128)				
LEISHMANIASIS (120)					Argentina	21	60	7	0.0
Argentina	50	50	145	0.8	Canada	43	40	98	0.5
Bolivia	2	-	a)	-	Chile	57	51	99	1.1
Colombia	a) 219	214	271	1.5	Guyana	*	*	3	0.5
Costa Rica	423	...	...	...	United States	199	199	115	0.1
Guatemala	8	7	16	0.3	Virgin Islands (UK)	...	...	2	(22.2)
Honduras (a)	15	19	145	10.7	TRYPANOSOMIASIS (121)				
Mexico	14	...	...	...	Argentina	1700	1984	+ 2776	12.2
Nicaragua	*	*	53	3.1	Brazil (e)	...	12	2	0.0
Panama	111	93	92	7.1	Costa Rica	1	-	-	-
Paraguay (a)	333	180	733	67.1	El Salvador (a)	33	168	147	6.5
Peru (a)	697	808	928	15.2	Guatemala	180	164	g) 578	12.6
Venezuela (a)	851	582	866	13.9	Honduras (a)	4	-	-	-
LEPTOSPIROSIS (072)					Panama	4	23	-	-
Argentina	2	-	3	0.0	Paraguay (a)	10	...	13	1.2
Barbados	9	1	13	5.3	Peru (a)	2	2	-	-

(a) Reporting area.
 (b) Onchocerciasis.
 (c) Data represent infection, not necessarily disease.
 (d) São Paulo State.

(e) São Paulo City.
 (f) Data for two states; not nationally notifiable.
 (g) Infected with *T. cruzi* 190, *T. rangeli* 388.

TABLE II. REPORTED CASES OF OTHER COMMUNICABLE DISEASES WITH RATES PER 100,000
POPULATION BY COUNTRY, 1966 (continued)

Disease and country	1961-65 Median	1965 Number	1966		Disease and country	1961-65 Median	1965 Number	1966	
			Number	Rate				Number	Rate
TRYPANOSOMIASIS (121) (cont.)					TYPHUS, FLEA-BORNE (MURINE) (101) (cont.)				
Uruguay	2	1	9	0.3	Brazil (d)	...	-	2	0.0
Venezuela (a)	337	596	397	6.4	Chile (h)	32	32	14	0.2
TULAREMIA (059)					Colombia	a) 244	97	97	0.5
Canada	3	1	3	0.0	Costa Rica	-	-	10	0.7
United States	328	264	208	0.1	Ecuador	11	16	6	0.1
TYPHUS, FLEA-BORNE (MURINE) (101)					Mexico	70	32	39	0.1
Argentina	1	-	12	0.1	Peru	3	a) 5	a) 3	0.0
					United States	32	28	33	0.0
					Venezuela (a)	10	5	5	0.1
					Puerto Rico	1	1	2	0.1

(a) Reporting area.
(d) São Paulo State.

(h) Including unspecified typhus (107).

TABLE III. REPORTED CASES OF SELECTED COMMUNICABLE DISEASES BY MONTH, 1966

Disease and country	Total	Month or four-week period												Not stated	
		Jan. I	Feb. II	Mar. III	April IV	May V	June VI	July VII	Aug. VIII	Sept. IX	Oct. X	Nov. XI	Dec. XII		
AMEBIASIS (046)															
Argentina	2232	238	231	178	271	154	161	.	112	132	137	196	245	179	-
Canada	47	6	5	7	3	3	5	1	1	3	1	4	1	7	-
Cuba	1210	62	118	140	99	84	154	.	89	118	119	74	83	70	-
Dominican Republic	617	56	82	89	50	13	15	.	34	78	19	66	58	57	-
El Salvador (a)	4198	300	318	363	167	344	467	.	482	488	326	361	362	220	-
Haiti	2074	189	149	110	140	153	121	.	238	284	246	144	129	181	-
Honduras (a)	18119	1364	1245	1507	1028	1427	2043	.	1688	2188	1887	1403	1397	962	-
Jamaica	2	-	-	-	-	-	-	.	-	-	-	-	-	1	-
Mexico	17880	2203	2091	2599	2073	2424	552	.	1019	1363	804	976	966	810	-
Nicaragua	14100	1156	993	1339	780	1142	1418	.	1316	1371	1316	1241	1409	619	-
Panama	627	57	49	51	48	52	66	.	85	70	47	61	28	33	-
Peru (a)	2159	153	158	171	213	213	173	.	185	152	180	206	179	176	-
Trinidad and Tobago *	2	-	-	-	2	-	-	.	-	-	-	-	-	-	-
United States	2921	189	219	235	241	265	277	.	286	249	233	286	202	259	-
Venezuela (a)	17989	1683	1194	1491	1359	1611	1629	.	1773	1723	1375	1397	1361	1393	-
British Honduras	41	11	1	2	-	-	11	.	-	-	-	16	-	-	-
Canal Zone	17	-	1	2	6	-	3	.	3	-	-	1	1	-	-
Dominica	61	4	1	6	11	2	2	.	-	-	5	21	7	2	-
Netherlands Antilles	7	1	1	2	-	1	-	.	-	1	-	1	-	-	-
Puerto Rico	7	-	-	-	1	1	-	.	-	1	-	-	3	-	1
Virgin Islands (UK)	23	4	5	2	2	1	-	.	1	3	-	5	-	-	-
Virgin Islands (USA) +	1	1	-	-	-	-	-	.	-	-	-	-	-	-	-
DIPHTHERIA (055)															
Argentina	1517	222	119	128	206	155	154	.	134	96	82	82	80	59	-
Barbados	8	-	1	2	-	-	1	.	-	1	1	-	-	2	-
Bolivia (a)	194	8	15	44	22	61	14	7	12	4	1	3	2	1	-
Brazil (b)	1622	90	122	220	229	252	201	.	123	106	95	61	61	62	-
Canada	37	7	-	1	1	4	4	3	-	2	8	2	2	5	-
Chile	1019	83	69	76	98	134	100	.	95	92	79	83	72	38	-
Colombia	800	43	59	70	47	61	59	37	31	51	52	51	33	49	157
Costa Rica	23	-	2	1	5	1	4	.	5	-	2	2	-	1	-
Cuba	359	35	29	37	13	34	39	.	17	30	32	22	38	33	-
Dominican Republic	344	33	35	26	33	4	29	.	29	40	36	30	22	27	-
Ecuador	176	5	6	10	20	10	14	13	17	16	11	19	14	21	-
El Salvador (a)	179	13	3	12	7	5	9	.	28	32	9	16	28	17	-
Guatemala (c)	79	6	10	4	-	4	-	6	8	11	7	5	8	10	-
Guyana	13	5	3	-	1	1	2	.	-	-	1	-	-	-	-
Haiti	21	1	2	1	10	-	1	.	3	-	2	-	-	1	-
Honduras (a)	10	-	-	-	-	-	1	.	-	-	-	-	6	3	-
Jamaica	10	4	1	1	-	-	3	.	-	-	-	-	-	1	-
Mexico	496	33	68	37	29	8	18	.	33	43	39	58	83	47	-
Panama	23	1	1	-	1	-	-	.	1	1	2	-	15	1	-
Paraguay (a)	47	10	3	4	7	3	2	.	8	3	2	-	2	3	-
Peru (a)	39	2	5	5	2	5	10	.	1	2	-	1	1	5	-
Trinidad and Tobago	33	5	1	6	5	1	2	.	2	-	6	1	-	4	-
United States	209	12	9	12	16	17	11	.	20	13	28	22	18	31	-
Uruguay	688	6	9	31	47	153	132	.	114	76	44	38	14	24	-
Venezuela (a)	344	50	24	18	16	18	14	.	19	30	50	36	29	40	-

(a) Reporting area.
(b) São Paulo State.

(c) Distribution by month based on provisional data.

TABLE III. REPORTED CASES OF SELECTED COMMUNICABLE DISEASES BY MONTH, 1966 (continued)

Disease and country	Total	Month or four-week period													Not stat- ed
		Jan. I	Feb. II	Mar. III	April IV	May V	June VI	July VII	Aug. VIII	Sept. IX	Oct. X	Nov. XI	Dec. XII		
DIPHTHERIA (055) (cont.)															
British Honduras	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Guadeloupe	9	4	1	-	-	-	1	-	1	1	-	-	-	-	-
Martinique	10	-	1	-	-	-	-	-	2	1	1	3	1	1	-
Netherlands Antilles	14	-	1	-	2	1	1	-	-	2	-	-	2	5	-
Puerto Rico	3	-	1	-	1	1	-	-	-	-	-	-	-	-	-
St. Lucia	2	-	-	-	1	-	-	-	-	-	1	-	-	-	-
HEPATITIS, INFECTIOUS (092)															
Argentina	5723	502	300	368	533	411	535	-	595	680	412	443	483	461	-
Bolivia (a)	101	2	4	18	3	7	4	6	12	32	4	6	3	-	-
Brazil (b)	808	71	67	125	93	81	79	-	76	55	45	55	30	31	-
Canada (d)	5835	619	703	584	460	408	308	261	257	285	372	458	547	505	70
Chile	1135	64	65	104	111	124	147	-	140	99	94	87	52	48	-
Cuba	8977	528	611	874	601	768	938	-	796	1022	740	692	835	571	1
Dominican Republic	294	32	33	47	4	22	28	-	26	29	18	24	16	17	-
El Salvador (a)	1831	117	118	167	110	161	182	-	152	173	200	137	192	122	-
Guyana *	48	3	3	6	5	4	5	-	3	5	2	8	5	1	-
Honduras (a)	286	30	15	26	13	19	41	-	36	21	29	17	18	21	-
Jamaica	103	8	16	5	6	13	18	-	2	3	3	18	5	8	-
Mexico	2820	244	241	207	98	108	109	-	212	434	307	360	366	134	-
Nicaragua	96	6	12	9	9	4	8	-	9	3	8	13	11	4	-
Panama	168	19	13	12	18	9	9	-	26	18	18	13	7	6	-
Paraguay (a)	194	10	10	20	10	9	15	-	25	30	20	16	8	21	-
Peru (a)	3597	302	291	312	322	329	275	-	296	297	283	295	342	253	-
Trinidad and Tobago *	2	-	-	-	2	-	-	-	-	-	-	-	-	-	-
United States	32859	2952	3015	3172	2654	2603	2452	-	2250	2545	2337	2743	2977	3152	7
Uruguay	1645	92	107	148	156	180	169	-	183	208	98	101	119	84	-
Venezuela (a)	448	34	37	37	37	40	46	-	30	40	43	38	31	35	-
Antigua	2	-	-	-	1	-	-	-	-	-	-	-	1	-	-
Bermuda	2	1	-	1	-	-	-	-	-	-	-	-	-	-	-
British Honduras	9	-	-	-	3	3	-	-	-	1	1	-	1	-	-
Canal Zone	12	-	-	3	4	-	1	-	-	-	1	1	1	1	-
Dominica	2	-	-	-	-	-	-	-	1	-	-	-	-	1	-
Puerto Rico	1116	29	60	126	83	105	102	-	94	125	91	96	103	112	-
St. Kitts-Nevis-Anguilla	30	1	1	3	2	1	1	-	2	4	2	7	1	5	-
St. Lucia	14	1	3	3	-	1	1	-	2	-	-	-	3	-	-
Turks and Caicos Islands +	4	-	-	-	-	-	-	-	-	3	-	-	1	-	-
MALARIA (110-117)															
Argentina	428	62	37	56	99	68	22	-	28	12	5	10	16	13	-
Bolivia	1380	109	112	124	166	184	149	104	92	106	70	51	54	59	-
Brazil	108630	6001	5743	9562	8352	9344	10793	-	9187	12035	8172	10096	9656	9689	-
Canada	7	7	-	-	-	-	-	-	-	-	-	-	-	-	-
Chile (e) +	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-
Colombia	22148	1262	1812	1879	1640	1873	1981	-	1609	2250	1547	2224	2201	1870	-

(a) Reporting area.

(b) São Paulo State.

(d) Including serum jaundice (N998.5).

(e) Imported cases.

TABLE III. REPORTED CASES OF SELECTED COMMUNICABLE DISEASES BY MONTH, 1966 (continued)

Disease and country	Total	Month or four-week period													
		Jan. I	Feb. II	Mar. III	April IV	May V	June VI	July VII	Aug. VIII	Sept. IX	Oct. X	Nov. XI	Dec. XII	Not stated	
MALARIA (110-117) (cont.)															
Costa Rica	3046	125	158	132	147	165	118	.	235	568	326	445	370	257	-
Cuba	36	6	8	5	1	1	1	.	2	8	2	2	-	-	-
Dominican Republic	495	33	20	35	122	9	134	.	11	15	54	55	1	6	-
Ecuador	4698	371	231	252	262	458	482	617	192	234	406	197	485	511	-
El Salvador	68562	3164	2067	2523	1491	2398	3616	.	5501	6454	8109	10549	11771	10919	-
Guatemala	22045	495	929	1214	918	1047	1547	.	1905	3227	3052	3257	2900	1554	-
Guyana	911	1	1	17	34	78	91	81	212	153	87	76	66	8	6
Haiti	9307	1287	1045	962	1084	579	633	.	833	659	878	404	486	457	-
Honduras	17127	714	930	787	374	497	581	.	778	1910	3204	2475	2985	1892	-
Jamaica (e)	2	-	-	1	-	-	-	.	-	-	-	1	-	-	-
Mexico	11605	468	458	694	506	434	756	.	621	1267	2249	1689	1735	684	44
Nicaragua	15647	538	743	945	565	554	719	.	680	1930	2112	2055	3248	1558	-
Panama	3668	190	150	164	194	339	683	.	347	339	430	341	302	189	-
Paraguay	32996	698	1075	2108	2101	3345	4143	.	2853	2689	2504	2512	5565	3403	-
Peru	2051	107	119	243	192	172	218	.	140	234	163	133	152	178	-
United States (f)	565	20	13	28	26	35	44	.	41	44	53	83	74	78	26
Uruguay	4	-	-	-	1	-	-	.	-	1	-	2	-	-	-
Venezuela (f)	5481	697	526	432	362	448	432	.	410	420	453	435	525	341	-
British Honduras	552	31	1	8	26	31	40	.	42	7	55	110	147	54	-
Canal Zone	31	-	-	2	1	2	9	.	8	2	-	-	4	3	-
French Guiana	11	-	1	-	-	1	-	2	-	1	1	3	-	2	-
Puerto Rico (e)	10	-	1	2	1	1	-	.	-	-	-	-	1	4	-
Surinam	3405	639	481	373	346	351	450	.	117	82	178	83	162	143	-
Turks and Caicos Islands (e)	1	-	-	-	-	-	-	.	-	-	-	-	-	1	-
MEASLES (085)															
Argentina	44902	1454	417	449	639	506	944	.	1584	4207	5102	9483	10674	9443	-
Bolivia (a)	881	15	22	26	39	64	28	56	48	201	136	88	90	68	-
Brazil (b)	4432	359	240	243	188	217	225	.	373	413	483	570	537	604	-
Chile	23604	1672	992	1081	1202	1728	2278	.	2447	2740	2531	2921	2742	1270	-
Colombia	22243	968	1073	1308	1179	1374	1807	1169	1438	1431	1409	1549	1633	1818	4087
Costa Rica	1427	144	73	57	113	45	72	.	59	57	93	223	227	284	-
Cuba	10636	571	795	1085	832	937	898	.	767	795	618	748	1362	1228	-
Dominican Republic	2481	104	110	181	175	58	68	.	141	227	217	497	358	363	-
El Salvador (a)	9124	793	881	1108	576	555	723	.	694	845	616	721	962	650	-
Guatemala (c)	3275	168	184	212	187	287	285	234	233	267	309	261	341	307	-
Guyana	772	9	4	31	52	31	180	.	244	110	27	22	35	27	-
Haiti (g)	996	10	18	4	...	28	15	55	35	60	84	116	160	411	-
Honduras (a)	4769	410	323	457	470	556	733	.	431	320	427	229	258	155	-
Jamaica	2310	209	179	354	228	402	374	.	142	183	27	61	31	120	-
Mexico	53118	5445	6642	7770	8666	3508	4144	.	4627	4403	2252	2150	2157	1354	-
Nicaragua	422	28	55	-	42	42	21	.	35	42	-	14	63	77	3
Panama	1685	276	189	206	81	53	66	.	96	229	165	145	90	89	-
Paraguay (a)	340	20	4	15	11	15	13	.	109	40	28	29	26	30	-
Peru (a)	25045	1608	1491	1427	1344	1575	2324	.	3033	3900	3446	2477	1633	787	-
Trinidad and Tobago	172	11	5	2	13	15	15	.	3	5	27	29	24	23	-

(a) Reporting area.

(b) São Paulo State.

(c) Distribution by month based on provisional data.

** Discrepancy between total cases and data by month.

(e) Imported cases.

(f) Including cases acquired outside the country.

(g) Incomplete data.

TABLE III. REPORTED CASES OF SELECTED COMMUNICABLE DISEASES BY MONTH, 1966 (continued)

Disease and country	Total	Month or four-week period												Not stated	
		Jan. I	Feb. II	Mar. III	April IV	May V	June VI	July VII	Aug. VIII	Sept. IX	Oct. X	Nov. XI	Dec. XII		Dec. XIII
MEASLES (085) (cont.)															
United States	204 138	21 563	29 738	40 602	35 524	30 303	20 205	.	7 457	3 015	1 826	3 417	4 099	6 349	40
Uruguay	363	132	22	7	13	26	11	.	23	19	26	33	15	36	-
Venezuela (a)	29 089	3 099	2 956	3 424	2 565	2 152	1 749	.	1 737	2 041	2 022	2 229	2 572	2 543	-
Bermuda	113	109	1	2	-	-	1	.	-	-	-	-	-	-	-
British Honduras	197	10	19	17	140	-	6	.	1	1	-	-	1	2	-
Canal Zone	51	30	10	4	1	-	1	.	1	1	-	1	-	2	-
Dominica	2	1	-	-	-	-	-	.	-	1	-	-	-	-	-
Guadeloupe	1	-	-	-	-	1	-	.	-	-	-	-	-	-	-
Martinique	27	-	-	-	-	-	-	.	-	7	-	6	1	13	-
Puerto Rico	3 678	263	253	614	455	413	325	.	172	205	148	243	352	233	-
St. Kitts-Nevis-Anguilla	27	3	7	14	1	1	1	.	-	-	-	-	-	-	-
St. Lucia	12	-	3	-	1	5	-	.	-	1	2	-	-	-	-
St. Vincent	25	8	5	1	2	1	-	.	2	5	1	-	-	-	-
POLIOMYELITIS (080)															
Argentina	574	49	85	27	131	93	92	.	11	23	12	12	18	21	-
Bolivia (a)	14	5	2	3	1	2	1	-	-	-	-	-	-	-	-
Brazil (b)	562	100	79	68	48	72	23	.	35	47	41	22	17	14	-
Canada (h)	3	-	-	-	-	-	-	1	-	-	1	-	-	1	-
Chile	141	23	8	20	11	17	10	-	12	7	9	8	10	6	-
Colombia	489	8	17	7	13	17	30	11	17	17	15	15	20	72	230
Costa Rica	10	2	1	-	-	-	-	.	-	1	1	4	1	-	-
Dominican Republic	17	1	1	-	1	-	7	-	-	1	3	1	-	2	-
Ecuador	148	12	19	15	12	11	14	13	14	9	5	12	6	6	-
El Salvador (a, h)	38	5	4	7	1	2	4	.	2	5	1	1	3	1	-
Guatemala (c)	118	4	5	3	6	11	14	23	9	12	6	11	5	9	-
Haiti (h)	5	-	-	-	-	-	2	.	1	1	-	-	-	1	-
Honduras (a, h)	38	1	1	6	4	-	5	.	9	5	1	1	2	3	-
Jamaica	8	1	1	-	-	3	-	.	-	-	-	-	1	-	-
Mexico	1 024	33	53	41	65	51	124	.	172	118	128	127	67	47	-
Nicaragua (h)	15	1	1	3	-	-	-	.	4	2	-	1	3	-	-
Panama	4	-	-	-	-	1	1	.	-	-	-	1	1	-	-
Paraguay (a, h)	14	4	4	-	-	2	-	.	1	1	-	-	-	2	-
Peru (a)	138	40	19	13	10	6	3	.	5	3	8	11	9	11	-
Trinidad and Tobago	1	-	-	-	-	-	-	.	-	1	-	-	-	-	-
United States	113	2	3	5	3	6	6	.	33	14	11	10	9	11	-
Uruguay	29	5	9	2	2	-	1	.	1	5	2	-	1	1	-
Venezuela (a)	199	27	43	19	16	15	24	.	17	8	11	10	5	4	-
British Honduras	1	-	-	1	-	-	-	.	-	-	-	-	-	-	-
Guadeloupe	1	-	-	-	-	-	-	.	-	-	1	-	-	-	-
Martinique	1	-	1	-	-	-	-	.	-	-	-	-	-	-	-
Puerto Rico	2	-	-	-	-	-	-	.	1	-	1	-	-	-	-
St. Vincent	1	-	-	-	-	-	-	.	1	-	-	-	-	-	-
TYPHOID FEVER (040)															
Argentina (i)	1 416	170	134	143	218	138	86	.	76	56	73	90	110	122	-
Barbados	9	-	1	2	2	4	-	.	-	-	-	-	-	-	-

(a) Reporting area.

(b) São Paulo State.

(c) Distribution by month based on provisional data.

(h) Paralytic poliomyelitis (080.0, 080.1).

(i) Including paratyphoid fever (041).

TABLE III. REPORTED CASES OF SELECTED COMMUNICABLE DISEASES BY MONTH, 1966 (continued)

Disease and country	Total	Month or four-week period													Not stat- ed
		Jan. I	Feb. II	Mar. III	April IV	May V	June VI	July VII	Aug. VIII	Sept. IX	Oct. X	Nov. XI	Dec. XII	Dec. XIII	
TYPHOID FEVER (040) (cont.)															
Bolivia (a)	170	14	13	13	10	8	11	11	10	15	4	12	9	40	-
Brazil (b, i)	369	50	37	43	15	17	14	.	12	8	27	52	54	40	-
Canada (i)	127	19	12	9	16	5	9	6	17	13	4	8	5	3	1
Chile (i)	4576	631	591	520	412	390	242	.	199	144	139	301	550	457	-
Colombia (i)	9084	549	581	790	571	690	721	572	662	699	570	463	466	483	1267
Costa Rica	103	15	2	17	16	9	16	.	10	2	2	7	6	1	-
Cuba	169	12	18	23	14	17	23	.	15	12	10	9	10	6	-
Dominican Republic	336	26	34	34	48	9	24	.	30	29	30	37	22	13	-
Ecuador (i)	2127	236	196	231	178	197	163	144	101	120	145	147	139	130	-
El Salvador (a)	826	51	47	93	45	60	103	.	88	103	75	59	74	28	-
Guatemala (c)	1261	81	60	93	86	70	81	117	147	92	145	101	97	81	-
Guyana	242	36	28	35	26	31	26	.	17	9	13	10	7	4	-
Haiti	902	47	91	215	98	40	37	.	54	74	53	45	75	73	-
Honduras (a, i)	874	42	54	48	123	74	54	.	68	96	102	63	93	57	-
Jamaica	113	14	6	19	1	8	15	.	9	7	13	8	-	13	-
Mexico	6397	229	222	286	284	301	558	.	826	1002	974	1036	470	199	-
Nicaragua	93	10	10	6	11	9	7	4	4	9	2	4	14	3	-
Panama	5	1	-	-	-	3	-	.	-	-	-	-	-	1	-
Paraguay (a, i)	218	5	7	9	6	2	1	.	2	15	46	87	28	10	-
Peru (a, i)	7315	630	577	640	742	687	680	.	481	517	545	572	596	648	-
Trinidad and Tobago	29	-	-	-	2	6	1	.	6	3	5	2	4	-	-
United States	378	19	19	23	28	27	30	.	53	46	46	37	23	23	4
Uruguay	289	52	51	57	15	16	16	.	6	7	12	9	16	32	-
Venezuela (a, i)	354	36	36	30	29	35	26	.	27	30	22	26	28	29	-
Antigua (i)	15	-	4	-	-	3	-	.	-	4	3	1	-	-	-
British Honduras	5	-	-	-	-	-	1	.	-	-	2	1	1	-	-
Canal Zone	2	-	-	-	-	-	1	.	-	-	-	-	1	-	-
Dominica (i)	115	10	10	7	10	2	10	.	9	8	19	11	11	8	-
French Guiana	13	1	1	2	-	2	-	2	1	2	-	1	-	1	-
Guadeloupe	3	-	3	-	-	-	-	.	-	-	-	-	-	-	-
Martinique (i)	190	7	8	31	25	21	47	.	38	9	4	-	-	-	-
Netherlands Antilles	4	1	-	-	-	1	-	.	-	-	-	-	2	-	-
Puerto Rico	20	-	1	4	-	1	1	.	1	-	4	5	3	-	-
St. Lucia (i)	48	6	3	9	7	2	1	.	1	6	4	2	2	5	-
Surinam (a)	71	11	17	6	5	2	-	.	5	3	6	6	3	7	-
Turks and Caicos Islands	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
WHOOPING COUGH (056)															
Argentina	17750	1801	941	749	1160	815	1024	.	1537	1796	1829	2558	1799	1741	-
Bolivia (a)	703	71	32	48	38	60	78	87	90	56	48	37	37	21	-
Brazil (b)	1461	147	112	122	110	129	146	.	114	105	128	101	110	137	-
Canada	4549	245	228	242	167	180	151	105	238	456	592	543	704	696	2
Chile	3599	762	535	324	240	310	240	.	230	266	189	210	215	78	-
Colombia	18095	784	1062	1092	1004	1329	1386	1214	1368	1424	1183	1008	933	1046	3262
Costa Rica	1222	156	78	65	74	44	52	.	74	85	195	164	131	104	-
Cuba	1230	108	183	183	114	78	117	.	99	115	90	76	43	26	-

(a) Reporting area.
(b) São Paulo State.

(c) Distribution by month based on provisional data.
(i) Including paratyphoid fever (041).

TABLE III. REPORTED CASES OF SELECTED COMMUNICABLE DISEASES BY MONTH, 1968 (continued)

Disease and country	Total	Month or four-week period													Not stat- ed	
		Jan. I	Feb. II	Mar. III	April IV	May V	June VI	July VII	Aug. VIII	Sept. IX	Oct. X	Nov. XI	Dec. XII	Dec. XIII		
WHOOPING COUGH (056) (cont.)																
Dominican Republic	2008	121	82	123	77	37	135	.	216	162	247	320	270	218	-	
El Salvador (a)	4617	265	268	291	156	267	409	.	481	642	419	462	550	407	-	
Guatemala (c)	2857	167	183	182	190	212	273	239	276	243	230	209	304	169	-	
Guyana *	580	14	-	4	51	16	54	.	140	120	50	52	55	24	-	
Haiti	2046	60	93	103	147	182	166	.	209	487	183	177	130	109	-	
Honduras (a)	2479	129	89	143	114	112	222	.	209	289	307	239	414	232	-	
Jamaica	997	93	77	100	65	197	149	.	66	98	35	78	15	26	-	
Mexico	22256	1468	1491	1643	1398	770	1055	.	1749	2522	2148	2589	3445	1978	-	
Nicaragua	571	55	51	45	12	32	58	41	55	75	53	44	33	17	-	
Panama	315	44	29	10	10	24	9	.	15	19	25	34	51	45	-	
Paraguay (a)	1503	100	90	90	76	102	101	.	164	219	127	151	166	117	-	
Peru (a)	16050	1403	952	919	789	841	1059	.	1306	1394	1558	1549	2044	2236	-	
Trinidad and Tobago *	233	83	48	17	11	15	5	.	12	5	10	9	9	9	-	
United States	7717	484	472	463	533	539	539	.	809	976	890	695	630	686	1	
Uruguay	10	1	3	2	-	-	-	.	-	-	-	2	-	2	-	
Venezuela (a)	9051	1068	778	1018	770	872	824	.	703	773	647	554	599	445	-	
Antigua	1	-	-	-	-	-	-	.	-	-	-	-	1	-	-	
Bermuda	109	4	-	2	4	76	15	.	5	3	-	-	-	-	-	
British Honduras	73	1	1	70	-	1	-	.	-	-	-	-	-	-	-	
French Guiana	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
Martinique	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	
Puerto Rico	139	31	18	36	10	16	10	.	2	2	-	4	8	2	-	
St. Kitts-Nevis-Anguilla	468	214	121	82	43	5	-	.	2	-	-	-	1	-	-	
St. Vincent	1	-	-	-	-	-	-	.	1	-	-	-	-	-	-	

(a) Reporting area.

(c) Distribution by month based on provisional data.

TABLE IV. REPORTED CASES OF SELECTED COMMUNICABLE DISEASES BY AGE, 1966

Disease and country	Total	Age group in years														Not stated
		0-5 mos.	6-11 mos.	1	2	3	4	5-9	10-14	15-19	20-24	25-44	45-64	65-74	75 and over	
DIPHTHERIA (055)																
Barbados	8	-	1	4	1	1	-	1	-	-	-	-	-	-	-	
Bolivia (a)	194	1	3	4	11	8	5	30	24	15	18	61	12	2	-	
Brazil (b)	924	99	-	159	127	151	115	207	40	-	-	26	-	-	-	
Canada (c)	37	1	-	-	3	-	-	3	2	3 (d)	4	(d)	(d)	-	21	
Chile	1019	25	-	-	215	-	-	368	138	65	63	107	17	3	18	
Colombia	800	75	-	-	347	-	-	188	-	-	170	-	-	20	-	
Cuba	359	-	3	25	28	36	20	44	38	55	41	62	7	-	-	
Ecuador	176	7	-	-	71	-	-	59	20	6	4	2	1	-	6	
Guyana	13	-	2	-	2	2	-	2	1	-	-	3	1	-	-	
Jamaica	10	-	3	2	2	2	-	1	-	-	-	-	-	-	-	
Panama	23	2	-	-	6	-	-	15	-	-	-	-	-	-	-	
Paraguay (a)	47	5	-	-	36	-	-	5	-	-	-	-	1	-	-	
Peru (a)	39	-	2	2	2	6	2	20	3	1	1	-	-	-	-	
United States	209	2	-	-	58	-	-	67	22	12	8 (e)	12 (e)	13 (e)	4	11	
Uruguay	688	6	7	12	23	12	31	79	89	129	100	159	35	2	4	
Venezuela (f)	228	3	6	33	21	25	24	70	29	5	6	6	-	-	-	
British Honduras	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	
Guadeloupe	9	-	-	1	2	3	-	2	1	-	-	-	-	-	-	
Puerto Rico	3	-	-	-	-	-	-	-	-	-	-	-	3	-	-	
St. Lucia	2	-	-	-	-	1	1	-	-	-	-	-	-	-	-	
DYSENTERY, ALL FORMS (045-048)																
Bolivia (a, g)	82	1	9	18	4	1	3	7	1	3	4	19	11	-	1	
Canada (c)	3 422	236	-	-	509	-	-	202	66	37 (d)	117	(d)	55 (d)	40	2 180	
Chile	506	60	-	-	135	-	-	131	61	9	12	42	37	16	3	
Cuba (h)	1 244	20	58	68	88	82	35	219	127	109	91	221	102	16	7	
Jamaica	68	3	14	12	4	5	5	4	1	1	9	5	2	-	3	
Panama	948	49	-	-	244	-	-	227	(i)	-	304	(i)	-	76	48	
Peru (a)	21 071	1 444	2 506	4 080	9 04	11 92	942	2 034	943	899	959	3 086	1 539	276	152	
Antigua	8	-	-	1	-	1	-	-	-	-	-	-	1	-	4	
Bahamas	111	1	4	12	20	23	18	7	2	1	2	10	4	2	5	
British Honduras	41	-	-	7	8	5	3	13	-	-	-	2	2	-	1	
Canal Zone (h)	33	-	1	1	2	1	2	3	3	3	4	10	3	-	-	
Guadeloupe	3	-	-	-	-	-	-	-	1	-	-	1	1	-	-	
Puerto Rico (h)	14	2	-	1	3	2	3	2	-	-	-	1	-	-	-	
St. Lucia	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	
Surinam (a, g)	3	-	1	-	1	-	-	1	-	-	-	-	-	-	-	
Virgin Islands (UK)	30	1	3	2	5	2	3	1	4	1	-	-	2	2	4	
ENCEPHALITIS, ACUTE INFECTIOUS (082)																
Bolivia (a)	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Brazil (b)	126	48	-	12	9	10	6	13	7	-	-	21	-	-	-	
Canada (c, j)	4	1	-	-	-	-	-	-	-	1 (d)	1	(d)	(d)	-	1	
Chile	103	43	-	-	31	-	-	9	5	-	1	8	4	2	-	

(a) Reporting area.

(b) São Paulo State excluding the capital.

(c) Age distribution not available for some political divisions.

(d) Differing age grouping: 20-39, 40-59, 60 and over.

(e) Differing age grouping: 25-39, 40-59, 60 and over.

(f) Organized reporting area.

(g) Bacillary dysentery (045).

(h) Amebiasis (046) and bacillary dysentery (045).

(i) Differing age grouping: 15-49, 50 and over.

(j) Arthropod-borne encephalitis (082.0).

TABLE IV. REPORTED CASES OF SELECTED COMMUNICABLE DISEASES BY AGE, 1966 (continued)

Disease and country	Total	Age group in years														75 and over	Not stated
		0-5 mos.	6-11 mos.	1	2	3	4	5-9	10-14	15-19	20-24	25-44	45-64	65-74			
ENCEPHALITIS, ACUTE INFECTIOUS (082) (cont.)																	
Colombia	188	48			87			39			11			3			
Cuba	40	5	3	8	4	2	-	4	-	4	5	3	2	-	-	-	
Jamaica	3	-	-	-	-	-	1	1	-	1	-	-	-	-	-	-	
Panama	3	1	-	-	-	-	-	2	-	-	-	-	-	-	-	-	
Paraguay (a)	43	14			12			1	6	4	d)	5	d)	1	d)	-	
Peru (a)	90	8	19	12	5	4	3	10	2	4	4	11	5	2	1	-	
Uruguay	45	13	4	4	1	3	2	4	1	1	3	2	5	-	1	1	
Venezuela (f)	35	6	3	6	3	-	1	7	1	2	2	1	2	1	-	-	
British Honduras	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	
Puerto Rico	3	-	-	-	-	-	-	-	-	1	-	2	-	-	-	-	
GONOCOCCAL INFECTION (030-035)																	
Bolivia (a)	188	-	-	-	-	-	2	2	3	35	82	61	3	-	-	-	
Canada (c)	21 479	13			11			18	82	3 249	d)	14 284	d)	1 574	d)	120	
Colombia	37 273	1 048			144			821			34 206			1 054			
Cuba	663	-	-	-	-	1	1	2	7	112	224	277	35	4	-	-	
Jamaica	35 972	1	1	4	15	11	14	50	538	5 230	8 084	6 153	746	38	4	15 083	
Panama	600	4			13			29	i)	508			i)	16		30	
Paraguay (a)	383	2			3			1	5	115	d)	225	d)	31	d)	1	
Peru (a, k)	5 622	11	4	6	9	8	11	45	110	1 110	1 687	2 410	195	6	3	7	
United States	351 738			1 471				2 775	76 032	126 339	134 726		10 395				
Uruguay	90	-	-	-	-	-	-	1	1	17	13	33	15	5	5	-	
Bahamas	12	-	-	-	-	-	-	-	1	1	6	3	1	-	-	-	
Canal Zone	67				1				11	23			24			8	
Falkland Islands	9	-	-	-	-	-	-	-	2	7	-	-	-	-	-	-	
St. Lucia	798	-	2	-	-	1	-	4	9	188	283	258	34	3	-	16	
St. Pierre and Miquelon	10	-	-	-	-	-	-	-	-	10	-	-	-	-	-	-	
HEPATITIS, INFECTIOUS (092)																	
Bolivia (a)	101	-	-	5	2	3	2	5	3	9	5	50	14	2	-	1	
Brazil (b)	547	16		16	34	39	55	156	37			194					
Canada (c, l)	5 835	14			132			479	368	211	d)	667	d)	195	d)	57	
Chile	1 135	41			337			294	97	45	78	140	74	25		4	
Cuba	8 977	19	19	84	328	664	458	2 097	1 415	1 201	949	1 290	341	57	24	31	
Jamaica	103	-	-	-	1	1	2	9	13	11	15	29	15	3	1	3	
Panama	168	5			21			68	i)	53			i)	10		11	
Paraguay (a)	194	2			35			51	20	29	d)	42	d)	11	b)	4	
Peru (a)	3 597	67	69	143	245	217	155	337	141	203	424	1 151	393	35	12	6	
Trinidad and Tobago *	2	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	
United States (c)	32 859	46			876			4 151	3 704	2 617	2 375	e)	3 974	e)	2 073	e)	
Uruguay	1 645	11	6	15	30	55	66	463	307	164	124	260	70	18	10	46	
Antigua	2	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	

(a) Reporting area.

(b) São Paulo State excluding the capital.

(c) Age distribution not available for some political divisions.

(d) Differing age grouping: 20-39, 40-59, 60 and over.

(e) Differing age grouping: 25-39, 40-59, 60 and over.

(f) Organized reporting area.

(i) Differing age grouping: 15-49, 50 and over.

(k) Acute and unspecified gonorrhoea (030).

(l) Including serum jaundice (N998.5).

TABLE IV. REPORTED CASES OF SELECTED COMMUNICABLE DISEASES BY AGE, 1966 (continued)

Disease and country	Total	Age group in years														Not stated
		0-5 mos.	6-11 mos.	1	2	3	4	5-9	10-14	15-19	20-24	25-44	45-64	65-74	75 and over	
HEPATITIS, INFECTIOUS (092) (cont.)																
Bahamas	23	-	-	2	2	3	6	3	2	-	-	5	-	-	-	
Bermuda	2	-	-	-	-	-	-	-	-	-	1	-	-	-	-	
British Honduras	9	-	-	-	1	1	2	1	-	2	1	-	1	-	-	
Canal Zone	12	-	-	-	-	-	-	2	1	1	4	3	-	-	-	
Puerto Rico	1 116	2	1	2	17	26	58	380	179	138	108	127	49	16	3	
St. Lucia	14	-	-	-	-	-	3	2	2	2	2	2	-	-	-	
INFLUENZA (480-483)																
Bolivia (a)	2 263	135	116	109	104	107	96	314	173	120	83	602	238	50	11	
Colombia	82 155	16 104		22 684				17 981			18 699		6 687			
Cuba	7 689	548	632	760	562	452	204	629	460	705	540	1 279	721	101	81	
Jamaica	1 426	31	58	91	55	49	25	126	65	66	84	359	298	81	23	
Panama	7 130	761		1 168				1 511			2 202		i) 545			
Paraguay (a)	12 977	2 901		3 784				1 617	923	781	d) 1 669	d) 912		d) 410		
Peru (a)	46 702	3 100	3 785	3 710	3 177	2 336	2 244	5 612	3 248	2 920	2 697	8 555	4 083	691	390	
Uruguay	3 729	69	52	51	50	33	23	66	71	127	118	280	243	110	160	
Antigua	13	-	-	-	-	-	-	1	-	-	1	6	3	1	-	
Bahamas	24	-	-	-	-	-	-	1	2	3	4	8	4	-	2	
LEPROSY (060)																
Bolivia (a)	19	-	-	-	1	-	-	2	-	1	1	8	6	-	-	
Colombia	990	-	-	8				87			572		323			
Cuba	330	-	-	-	-	-	1	7	14	29	25	113	105	21	13	
Ecuador	179	-	-	-	-	-	-	12	12	6	12	81	m) 18	m) 38	-	
Jamaica	21	-	-	-	1	-	-	2	3	1	-	5	4	1	-	
Panama	1	-	-	-	-	-	-	-	-	i)	1		i)			
Paraguay (a)	215	1		1				9	5	17	d) 71	d) 75		d) 36		
Peru (a)	51	-	-	-	-	-	1	5	4	6	7	18	7	1	-	
Trinidad and Tobago	48	-	-	-	-	-	1	6	3	2	5	13	14	2	1	
Uruguay	33	-	-	-	-	-	1	-	-	1	3	8	16	2	1	
Bahamas	3	-	-	-	-	-	-	-	-	-	-	3	-	-	-	
Bermuda	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	
Guadeloupe	119	-	-	-	1	1	2	10	25	8	7	29	31	3	2	
Puerto Rico	3	-	-	-	-	-	-	-	1	-	-	1	-	-	1	
St. Lucia	3	-	-	-	-	-	-	-	1	-	-	1	-	1	-	
Surinam (a)	181	-	-	-	3	2	9	42	40	17	13	33	14	4	3	
MALARIA (110-117)																
Bolivia	1 380	8	20	48	65	80	89	253	176	210	145	212	62	6	5	
Canada (c)	7	-	-	-	-	-	-	-	-	-	d)	4	d)	-	-	
Colombia	22 148	147		2 394				7 221			11 018		1 368			
Cuba	36	-	-	-	-	2	3	5	1	1	9	10	4	-	-	
Jamaica (n)	2	-	-	-	-	-	-	-	-	-	1	1	-	-	-	
Panama	3 668	63		669				1 301			i) 1 208		i) 160			

(a) Reporting area.

(c) Age distribution not available for some political divisions.

(d) Differing age grouping: 20-39, 40-59, 60 and over.

(i) Differing age grouping: 15-49, 50 and over.

(m) Differing age grouping: 45-59, 60 and over.

(n) Imported cases.

TABLE IV. REPORTED CASES OF SELECTED COMMUNICABLE DISEASES BY AGE, 1966 (continued)

Disease and country	Total	Age group in years														Not stated
		0-5 mos.	6-11 mos.	1	2	3	4	5-9	10-14	15-19	20-24	25-44	45-64	65-74	75 and over	
MALARIA (110-117) (cont.)																
Peru	2051	6	17	80	130	121	123	514	284	224	175	291	71	1	1	13
Uruguay	4	-	-	-	-	-	-	-	-	-	1	3	-	-	-	-
Venezuela (o)	5481	125		641				813	725	817	735	1300	285	28	12	-
Bahamas	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
British Honduras	552	2	7	15	12	17	15	98	80	82	48	126	43	2	1	9
Canal Zone	31	-	-	-	-	-	-	2	-	5	4	11	4	-	-	5
Puerto Rico (n)	10	-	-	-	-	-	-	-	-	-	8	1	-	-	-	1
Surinam	3405	87		857				911	520			480			550	
MEASLES (085)																
Bolivia (a)	881	13	48	159	134	102	81	236	64	26	7	9	1	-	-	1
Chile	23604	5137		11999				4272	1201	369	169	143	15	-	3	296
Colombia	22243	4513		12062				5007			593			68		-
Cuba	10636	160	859	1598	1393	1200	597	2201	1084	915	283	250	30	-	7	59
Jamaica	2310	17	159	489	371	299	203	574	77	23	19	19	1	1	1	57
Panama	1885	222		766				486			129			4		78
Paraguay (a)	340	111		145				72	9	2	d)	1	d)	d)	-	-
Peru (a)	25045	638	3234	5511	4332	3239	2390	4503	717	223	84	87	13	-	-	74
Uruguay	363	9	32	59	47	59	34	76	17	10	8	4	-	-	-	8
Venezuela (f)	10778	388	1555	2367	2066	1379	887	1700	269	69	41	39	6	-	-	12
Bermuda	113	-	-	2	5	2	1	24	3	-	-	-	-	-	-	76
Canal Zone	51	1	3	6	4	6	5	21	4	1	-	-	-	-	-	-
Guadeloupe	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
St. Lucia	12	1	1	3	2	1	-	2	1	-	-	1	-	-	-	-
MENINGOCOCCAL INFECTIONS (057)																
Bolivia (a)	6	1	1	1	-	-	-	1	-	2	-	-	-	-	-	-
Brazil (b)	75	20		2	3	4	4	14	6	22						-
Canada (c)	85	11		17				8	4	d)		4	d)	d)	1	40
Chile	101	39		28				14	5	4	4	4	3	-	-	-
Colombia	307	110		120				65			8			4		-
Cuba	15	1	2	-	1	-	-	1	2	3	-	2	3	-	-	-
Jamaica	8	2	1	-	1	1	-	2	1	-	-	-	-	-	-	-
Panama	2	-	-	-	-	-	-	-	-	i)	2		i)	-		-
Paraguay (a)	18	7		6				3	-	1	d)	1	d)	d)	-	-
Peru (a)	71	11	8	6	2	3	1	8	6	7	5	3	9	1	-	1
Trinidad and Tobago *	4	-	-	-	-	-	-	-	-	2	1	1	-	-	-	-
United States (c)	3381	574		981				388	203	361	197	452			245	
Uruguay	5	2	-	-	-	-	-	1	1	-	-	1	-	-	-	-
Venezuela (f)	2	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-
British Honduras	4	-	1	1	-	1	-	-	-	-	-	-	-	1	-	-
Guadeloupe	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico	20	2	5	2	-	2	2	6	1	-	-	-	-	-	-	-

(a) Reporting area.

(b) São Paulo State excluding the capital.

(c) Age distribution not available for some political divisions.

(d) Differing age grouping: 20-39, 40-59, 60 and over.

(f) Organized reporting area.

(i) Differing age grouping: 15-49, 50 and over.

(n) Imported cases.

(o) Including 846 cases acquired outside the country.

TABLE IV. REPORTED CASES OF SELECTED COMMUNICABLE DISEASES BY AGE, 1966 (continued)

Disease and country	Total	Age group in years														Not stated
		0-5 mos.	6-11 mos.	1	2	3	4	5-9	10-14	15-19	20-24	25-44	45-64	65-74	75 and over	
POLIOMYELITIS, ACUTE (080)																
Bolivia (a)	14	-	-	2	2	4	-	2	2	-	1	1	-	-	-	
Brazil (b)	339	132		119	45	18	9	14	1			1				
Chile	141	28			77			22	5	4	1	2	-	1		
Colombia	489	76			317			81			13			2		
Ecuador	143	33			94			14	1	2					4	
Jamaica	6	-	-	1	1			3	1	-						
Nicaragua	15	1	1	2	4	2		4	1	-						
Panama	4	-	-		1			2	i)	1		i)				
Paraguay (a)	14	3			10			-	1	-						
Peru (a)	138	6	31	56	22	9	5	7	2							
Trinidad and Tobago	1	-	-	-	-	-		1	-	-						
United States	113	23			60			12	5	1	3		9			
Uruguay	29	1	5	5	2	4	-	3	5	-	1	3				
Venezuela (f)	143	6	32	63	18	8	4	8	1	2	1	-	-	-		
British Honduras	1	-	-	-	-	-	-	-	-	-	1	-	-	-		
Puerto Rico	2	-	-	1	-	-	1	-	-	-	-	-	-	-		
St. Vincent	1	-	-	-	-	-	1	-	-	-	-	-	-	-		
SCARLET FEVER (050)																
Bolivia (a)	18	-	1	3	1	3	1	5	3	-	-	1	-	-	-	
Canada (c,p)	20 022	120			776			1 984	1 002	452 (d)	523	d) 132	d) 29		15 004	
Chile	2 458	61			927			991	313	49	34	45	4	1	33	
Colombia	283	20			71			128			56			8		
Cuba	41	-	3	4	6	9	1	9	4	-	-	3	1	1		
Jamaica	12	-	-	1	2	1	2	4	1	-	1	-	-	-		
Panama	1	-	-	-	-	-	-	1	-	-	-	-	-	-		
Paraguay (a)	2	-	-	-	-	-	-	-	2	-	-	-	-	-		
Peru (a)	185	9	10	29	28	24	19	46	10	2	2	5	1	-		
Uruguay	155	2	2	6	6	12	10	54	37	11	-	5	3	-	6	
British Honduras	5	1	-	-	1	-	-	-	-	1	-	2	-	-		
Puerto Rico	23	-	-	2	-	1	-	8	3	4	1	1	-	-	3	
SYPHILIS (020-029)																
Bolivia (a)	91	2	-	1	-	-	-	1	4	24	22	28	7	2	-	
Canada (c)	1 970	4						-	4	80 (d)	897	d) 492	d) 302		191	
Chile	3 603	41			16			18	54	605	1 067	1 514	234	26	28	
Colombia (q)	16 530	93			66			256			15 404			711		
Cuba	2 049	7	2	-	1	-	3	11	6	142	326	879	497	131	42	
Jamaica	3 766	1	-	-	-	-	-	5	9	179	338	612	265	38	2 318	
Panama	254	8						6	i)		193		i)	33	14	
Paraguay (a)	1 836	35			13			16	17	303 (d)	1 102		d) 278	d) 72		
Peru (a)	3 141	17	5	7	5	4	4	39	73	573	839	1 314	219	21	9	
Trinidad and Tobago *	598	-	-	-	-	-	-	-	-	62	112	90	14	-	320	
United States (r)	21 414				27				215	3 846	6 033	9 942		1 351		
Uruguay	423	26	2	1	3	-	1	4	3	58	65	143	71	28	13	

(a) Reporting area.

(b) São Paulo State excluding the capital.

(c) Age distribution not available for some political divisions.

(d) Differing age grouping: 20-39, 40-59, 60 and over.

(f) Organized reporting area.

(i) Differing age grouping: 15-49, 50 and over.

(p) Including streptococcal sore throat (051).

(q) Congenital and early syphilis (020-021).

(r) Early syphilis (021).

TABLE IV. REPORTED CASES OF SELECTED COMMUNICABLE DISEASES BY AGE, 1966 (continued)

Disease and country	Total	Age group in years														Not stated	
		0-5 mos.	6-11 mos.	1	2	3	4	5-9	10-14	15-19	20-24	25-44	45-64	65-74	75 and over		
SYPHILIS (020-029) (cont.)																	
Antigua	8	-	-	-	-	-	1	-	-	-	1	-	4	-	-	-	
Bahamas	27	-	-	-	-	-	-	-	2	-	2	10	10	2	1	-	
St. Lucia	164	-	-	-	-	-	-	-	-	19	39	86	11	2	-	-	
St. Pierre and Miquelon	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	
TETANUS (061)																	
Bolivia (a)	24	7	1	-	-	-	1	6	2	2	1	3	1	-	-	-	
Canada (c)	5	-	-	-	-	-	-	1	-	-	d)	1	d)	1	1	1	
Chile	42	18	-	-	-	-	-	6	5	1	2	3	5	2	-	-	
Colombia	754	419	-	-	63	-	-	105	-	-	121	-	-	46	-	-	
Cuba	474	92	2	9	6	13	2	14	7	8	23	91	121	48	37	1	
Jamaica	99	42	-	4	1	2	2	13	11	5	4	6	7	1	-	1	
Panama	312	59	-	-	14	-	-	27	1)	-	150	-	1)	25	-	37	
Paraguay (a)	146	62	-	-	8	-	-	13	14	3	d)	23	d)	12	d)	11	
Peru (a)	311	190	6	6	4	2	3	31	23	2	6	29	7	1	1	-	
United States	235	34	-	-	11	-	-	9	7	5	4	e)	30	e)	48	e)	37
Uruguay	51	12	-	1	2	1	1	-	-	-	3	9	14	4	4	-	
Venezuela (f)	414	222	4	7	8	6	4	24	20	13	9	51	36	8	1	1	
TUBERCULOSIS (001-019)																	
Antigua	5	-	-	-	-	-	-	2	1	-	-	1	1	-	-	-	
Bahamas	12	4	-	-	-	1	-	1	3	-	1	-	1	-	-	1	
British Honduras	2	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	
Guadeloupe	10	-	-	-	-	-	-	5	1	-	-	-	1	-	3	-	
Puerto Rico	58	9	-	-	-	-	2	7	1	4	2	10	12	4	6	1	
TUBERCULOSIS (001-019) (continued)																	
Barbados	28	-	-	1	-	-	-	-	1	-	6	5	9	4	2	-	
Bolivia (a)	1956	3	1	18	18	16	22	87	101	226	211	726	406	81	26	14	
Canada (s)	4517	-	-	295	-	-	-	230	154	277	d)	1365	d)	1244	d)	952	
Colombia (t)	14617	664	-	-	2397	-	-	2687	-	-	6296	-	-	2573	-	-	
Cuba	2348	3	7	20	20	34	9	64	67	104	191	829	974	333	189	2	
Guyana	242	1	8	1	3	4	4	18	11	24	33	73	39	12	5	6	
Jamaica	358	5	9	19	18	21	13	38	9	14	17	89	74	14	7	11	
Panama	1035	15	-	-	59	-	-	79	1)	-	591	-	1)	238	-	53	
Paraguay (a)	1358	9	-	-	48	-	-	67	62	89	d)	520	d)	413	d)	150	
Peru (a)	22433	114	200	397	350	364	345	1875	1665	2469	2962	7500	3262	549	309	72	
United States (s)	47767	-	-	2530	-	-	-	3053	-	4156	-	12860	15469	9184	-	515	
Uruguay	2130	10	10	12	16	19	18	78	60	109	142	685	597	236	106	32	
TUBERCULOSIS (001-019) (continued)																	
Antigua	6	-	-	-	-	-	-	1	2	-	-	1	2	-	-	-	
Bahamas	70	-	-	-	1	-	-	2	2	2	5	38	17	2	1	-	
Bermuda	6	-	-	-	-	-	-	-	-	-	-	3	1	-	-	2	
British Honduras	56	-	-	2	2	3	2	5	3	5	-	11	13	6	3	1	
Canal Zone	22	-	-	1	-	-	-	-	-	6	-	7	6	2	-	-	
Falkland Islands	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	
Guadeloupe	162	-	-	-	-	-	-	2	5	10	20	64	54	7	-	-	
Puerto Rico	1247	12	-	-	67	-	-	73	46	70	84	310	352	202	-	31	

(a) Reporting area.

(c) Age distribution not available for some political divisions.

(d) Differing age grouping: 20-39, 40-59, 60 and over.

(e) Differing age grouping: 25-39, 40-59, 60 and over.

(f) Organized reporting area.

(t) Differing age grouping: 15-49, 50 and over.

(s) Newly reported active cases.

(r) Respiratory tuberculosis (001-008).

TABLE IV. REPORTED CASES OF SELECTED COMMUNICABLE DISEASES BY AGE, 1966 (continued)

Disease and country	Total	Age group in years														Not stated	
		0-5 mos.	6-11 mos.	1	2	3	4	5-9	10-14	15-19	20-24	25-44	45-64	65-74	75 and over		
TUBERCULOSIS (001-019) (cont.)																	
St. Lucia	93	-	-	1	1	-	1	4	5	8	9	33	26	4	1	-	
St. Pierre and Miquelon	6	-	-	-	-	-	-	-	-	-	-	3	3	-	-	-	
St. Vincent	19	-	-	-	-	-	-	-	1	3	-	7	6	2	-	-	
Surinam (a)	150	1	2	4	2	3	1	6	8	14	12	47	25	20	5	-	
TYPHOID FEVER (040)																	
Barbados	9	-	-	-	-	-	-	5	4	-	-	-	-	-	-	-	
Bolivia (a)	170	-	1	2	-	1	5	24	32	35	16	29	18	4	3	-	
Brazil (b)	161	1	2	2	1	1	2	18	13	123						-	
Canada (c, u)	127	2	3					8	6	4(d) — 3		d) 2		d) — 2		97	
Chile (u)	4576	42	224					769	932	829	654	885	115	21		105	
Cuba	169	-	1	4	3	4	2	30	26	24	17	48	11	-	-	1	
Ecuador (u)	2127	8	42					298	469	399	252	431	79 m)		43 m)		108
Guyana	242	-	3	-	7	11	6	77	48	33	24	27	6	-	-	-	
Jamaica	113	-	1	1	3	6	9	28	18	12	4	16	6	1	-	8	
Panama	5	-	-	-	-	-	-	1	i) — 4		i) — 1		-		-		
Paraguay (a, u)	218	2	21					52	45	22(d) — 49		d) 18		d) 9		-	
Peru (a, u)	7315	44	159	246	245	252	324	1374	1018	883	761	1562	358	26	17	46	
Trinidad and Tobago	29	-	-	-	-	-	-	2	7	11	5	4	-	-	-	-	
United States	378	81					100		58		v) — 95		v) — 46		18		
Uruguay	289	1	1	3	2	3	3	30	54	41	35	72	28	6	1	9	
Venezuela (f, u)	210	1	2	3	9	8	15	40	25	19	9	55	20	-	1	3	
Antigua (u)	15	-	-	-	1	1	-	1	2	3	-	-	-	-	-	7	
Bahamas	3	-	-	-	-	-	-	-	1	-	-	2	-	-	-	-	
British Honduras	5	-	-	-	-	-	1	1	-	1	-	-	2	-	-	-	
Canal Zone	2	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	
Guadeloupe	3	-	-	-	-	-	-	1	-	-	-	1	-	1	-	-	
Puerto Rico	20	-	-	-	-	1	-	4	4	1	3	3	2	2	-	-	
St. Lucia	48	-	1	-	-	1	3	10	6	10	6	8	2	1	-	-	
Surinam (a)	71	-	-	2	1	3	3	16	12	9	10	13	1	-	-	1	
WHOOPING COUGH (056)																	
Bolivia (a)	703	58	56	113	83	83	69	194	31	5	3	3	1	-	-	4	
Canada (c)	4549	106		202				251	82	18 d)		3		d)		3889	
Chile	3599	1019		1578				783	149	22		9		1		27	
Colombia	18095	4702		9357				3572		400						64	
Cuba	1230	128	168	251	204	137	56	163	88	18	10	6	-	-	-	1	
Jamaica	997	83	150	228	132	96	80	193	13	1	1	2	1	-	-	12	
Panama	315	84		142				81		i) — 4		i) — 1		-		4	
Paraguay (a)	1503	356		771				291	56	9 d)		12		d) 9 d)		-	
Peru (a)	16050	1088	1845	2616	2476	2207	1803	3468	349	56	43	79	15	1	1	3	
Uruguay	10	3	-	1	3	-	-	2	-	-	-	-	-	-	-	1	
Venezuela (f)	2726	322	446	454	381	352	211	484	58	10	4	3	-	-	-	1	
Antigua	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	

(a) Reporting area.

(b) São Paulo State excluding the capital.

(c) Age distribution not available for some political divisions.

(d) Differing age grouping: 20-39, 40-59, 60 and over.

(f) Organized reporting area.

(i) Differing age grouping: 15-49, 50 and over.

(m) Differing age grouping: 45-59, 60 and over.

(u) Including paratyphoid fever (041).

(v) Differing age grouping: 25-59, 60 and over.

TABLE IV. REPORTED CASES OF SELECTED COMMUNICABLE DISEASES BY AGE, 1966 (continued)

Disease and country	Total	Age group in years														Not stated	
		0-5 mos.	6-11 mos.	1	2	3	4	5-9	10-14	15-19	20-24	25-44	45-64	65-74	75 and over		
WHOOPING COUGH (056) (cont.)																	
Bermuda	109	1	2	6	7	9	-	6	2	-	-	-	-	-	-	-	76
British Honduras	73	6	4	6	6	11	8	18	13	1	-	-	-	-	-	-	-
YAWS (073)																	
Bolivia (a)	2	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
Colombia	84	4		17				34			27			2		-	
Jamaica	52	-	-	-	1	1	-	10	21	2	1	-	2	-	-	-	14
Panama	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
Peru (a)	25	-	-	-	-	1	-	3	1	3	4	11	2	-	-	-	-
Venezuela	6	-	-	-	-	1	-	3	1	1	-	-	-	-	-	-	-
St. Lucia	27	-	-	-	2	2	1	11	8	2	-	1	-	-	-	-	-

(a) Reporting area.

TABLE V. REPORTED CASES OF SELECTED COMMUNICABLE DISEASES BY MAJOR POLITICAL DIVISIONS OF EACH COUNTRY, 1966

Country and major political divisions	Number	Country and major political divisions	Number	Country and major political divisions	Number
LEPROSY					
Argentina	921	Costa Rica	37	Jamaica	21
Federal Capital	54	Provinces:		Parishes:	
Provinces:		Alajuela	2	Clarendon	5
Buenos Aires	127	Cartago	1	Kingston	1
Catamarca	1	Guanacaste	4	Manchester	3
Chaco	108	Heredia	1	Portland	1
Chubut	1	Limón	3	St. Ann	3
Córdoba	71	Puntarenas	9	St. Catherine	4
Corrientes	28	San José	17	St. Thomas	1
Entre Ríos	70			Trelawny	3
Formosa	26	Cuba	330		
Jujuy	9	Provinces:		Mexico	121
La Pampa	1	Camagüey	90	States:	
Mendoza	4	La Habana	51	Baja California	1
Misiones	38	Las Villas	34	Campeche	1
Rio Negro	2	Matanzas	3	Chiapas	1
Salta	21	Oriente	143	Chihuahua	2
San Juan	2	Pinar del Río	9	Coahuila	6
San Luis	3			Colima	2
Santa Fe	316	Dominican Republic (c)	+ 26	Durango	7
Santiago del Estero	8			Guanajuato	14
Tucumán	29	Ecuador	179	Guerrero	11
Not stated	2	Provinces (by regions):		Jalisco	12
Bolivia (a)	19	Azuay, Bolívar, Cañar	21	Michoacán	8
Departments:		Carchi, Chimborazo,		Morelos	5
Beni	5	Cotopaxi, Imbabura,		Nayarit	10
Chuquisaca	5	Pichincha, Tungurahua	14	Nuevo León	3
Cochabamba	2	El Oro, Loja	35	San Luis Potosí	2
La Paz	6	Esmeraldas, Manabí	3	Sinaloa	15
Santa Cruz	2	Guayas	54	Sonora	7
		Los Ríos	52	Tamaulipas	11
Canada	1	El Salvador (a)	7	Zacatecas	3
Province:		Departments:		Nicaragua	11
Ontario	1	Chalatenango	3	Departments:	
Colombia	990	Morazán	1	Chinandega	4
Departments:		San Miguel	3	Granada	3
Antioquia	48	Guatemala (c)	169	León	2
Atlántico	62	Guyana	* 22	Matagalpa	2
Bolívar	39	Counties:		Panama	1
Boyacá	51	Berbice	6	Province:	
Caldas	b) 47	Demerara	16	Colón	1
Cauca	9			Paraguay (a)	215
Córdoba	38	Haiti	2	Health Region I	33
Cundinamarca	152	Departments:		(Departments: Cordillera,	
Huila	24	Nord-Ouest	1	Paraguari)	
Magdalena	35	Ouest	1	Health Region II	31
Nariño	33			(Departments: Alto Paraná,	
Norte de Santander	101	Honduras (a)	21	Caaguazú, Caazapá,	
Santander	250	Department:		Guairá)	
Tolima	36	Choluteca	21		
Valle del Cauca	65				

(a) Reporting area.

(b) Including 3 cases in the new department of Quindío.

(c) Cases not specified by major political divisions.

TABLE V. REPORTED CASES OF SELECTED COMMUNICABLE DISEASES BY MAJOR POLITICAL DIVISIONS OF EACH COUNTRY, 1966 (continued)

Country and major political divisions	Number	Country and major political divisions	Number	Country and major political divisions	Number
LEPROSY (cont.)					
Paraguay (cont.)		Uruguay	33	French Guiana	+ 25
Health Region III (Departments: Itapúa, Misiones, Ñeembucú)	10	Departments:		Guadeloupe	119
Health Region IV (Departments: Amambay, Concepción, Olimpo, San Pedro)	21	Artigas	4	Martinique	60
Health Region V (Capital, Departments: Boquerón, Central, Presidente Hayes)	120	Canelones	1	Netherlands Antilles Island:	5
		Montevideo	11	Aruba	5
		Paysandú	5	Puerto Rico	3
		Río Negro	1	Municipios:	
		Rivera	1	Aguadilla	1
		Salto	7	Naguabo	1
		San José	1	Río Piedras	1
		Soriano	2	St. Kitts-Nevis-Anguilla	1
		Venezuela (a)	381	St. Lucia	3
Peru (a)	51	Federal District	29	Quarters:	
Departments:		States:		Canaries	1
Huánuco	5	Anzoátegui	8	Castries	1
Lima	3	Apure	67	Gros-Islet	1
Loreto	40	Aragua	20	Surinam (a)	181
San Martín	3	Barinas	20	Districts:	
Trinidad and Tobago	48	Bolívar	13	Brokopondo	8
Counties:		Carabobo	22	Commewijne	6
Caroni	29	Guárico	12	Coronie	2
St. George	7	Lara	22	Marowijne	17
St. Patrick	9	Mérida	13	Nickerie	7
Victoria	3	Miranda	16	Paramaribo	70
United States	109	Monagas	3	Saramacca	4
States:		Nueva Esparta	7	Suriname	62
California	35	Portuguesa	6	Not stated	5
Colorado	1	Sucre	2	Turks and Caicos Islands	+ 3
Connecticut	1	Táchira	38		
Florida	13	Trujillo	19		
Hawaii	16	Yaracuy	4		
Indiana	2	Zulia	57		
Louisiana	1	Federal Territory:			
Massachusetts	1	Amazonas	3		
New York	5	Bahamas	3		
Oregon	1	Bermuda	1		
Texas	31	Dominica	3		
Washington	2				
MALARIA					
Argentina	428	Argentina (cont.)		Bolivia (cont.)	
Federal Capital	1	Provinces:		Departments:	
Provinces:		Salta	56	Chuquisaca	144
Buenos Aires	15	Santiago del Estero	26	Cochabamba	95
Chaco	5	Tucumán	37	La Paz	64
Corrientes	10	Bolivia	1 380	Pando	147
Formosa	12	Departments:		Santa Cruz	54
Jujuy	32	Beni	262	Tarija	614
Misiones	234				

(a) Reporting area.

TABLE V. REPORTED CASES OF SELECTED COMMUNICABLE DISEASES BY MAJOR POLITICAL DIVISIONS OF EACH COUNTRY, 1966 (continued)

Country and major political divisions	Number	Country and major political divisions	Number	Country and major political divisions	Number
MALARIA (cont.)					
Brazil	108 630	Colombia (cont.)		El Salvador (cont.)	
States:		Departments:		Departments:	
Acre	1 463	Meta	525	La Paz	4 092
Alagoas	147	Nariño	747	La Unión	12 809
Amazonas	6 207	Norte de Santander	2 102	Morazán	2 024
Bahia	8 496	Quindío	37	San Miguel	15 393
Ceará	899	Santander	2 188	San Salvador	1 791
Espirito Santo	8 445	Tolima	435	San Vicente	4 398
Goiás	9 230	Valle del Cauca	304	Santa Ana	5 054
Guanabara	38	Intendencias:		Sonsonate	2 876
Maranhão	18 713	Arauca	600	Usulután	12 170
Mato Grosso	3 029	Caquetá	120		
Minas Gerais	4 264	Commissaries:		Guatemala	22 045
Pará	16 995	Putumayo	424	Departments:	
Paraíba	508	Vaupés	26	Alta Verapaz	2 957
Paraná	1 710	Vichada	35	Baja Verapaz	330
Pernambuco	696			Chimaltenango	332
Piauí	10 998	Costa Rica	3 046	Chiquimula	1 424
Rio de Janeiro	241	Provinces:		El Progreso	169
Rio Grande do Norte	33	Alajuela	206	Escuintla	4 443
Santa Catarina	9 200	Guanacaste	724	Guatemala	300
São Paulo	1 740	Limón	154	Huehuetenango	474
Sergipe	79	Puntarenas	1 907	Izabal	1 009
Territories:		San José	55	Jalapa	163
Amapá	3 122			Jutiapa	2 979
Rondônia	2 162	Cuba	36	Petén	202
Roraima	215	Provinces:		Quezaltenango	543
		Camagney	5	Quiché	304
Canada	7	La Habana	4	Retalhuleu	2 408
Provinces:		Oriente	27	Sacatepéquez	1
Alberta	1			San Marcos	1 190
Manitoba	1	Dominican Republic (c)	495	Santa Rosa	299
Ontario	3			Solola	197
Saskatchewan	2	Ecuador	4 698	Suchitepéquez	1 921
		Provinces:		Totonicapán	48
Chile	+ d) 1	Bolívar	1	Zacapa	352
Province:		Cañar	148		
Tarapaca	1	El Oro	165	Guyana	911
		Esmeraldas	1 185	County:	
Colombia	22 148	Guayas	975	Essequibo	911
Departments:		Loja	21		
Antioquia	4 538	Los Rios	802	Haiti	9 307
Atlántico	46	Manabí	236	Departments:	
Bolívar	1 175	Pichincha	1 034	Artibonite	950
Boyacá	1 108	Not stated	131	Nord	1 865
Caldas	237			Nord-Ouest	982
Cauca	674	El Salvador	68 562	Ouest	3 419
Chocó	1 076	Departments:		Sud	782
Córdoba	3 876	Ahuachapán	3 355	Not stated	1 309
Cundinamarca	695	Cabañas	468		
Guajira	171	Chalatenango	1 289	Honduras	17 127
Huila	14	Cuscatlán	419	Departments:	
Magdalena	995	La Libertad	2 424	Atlántida	665

(c) Cases not specified by major political divisions.

(d) Imported.

TABLE V. REPORTED CASES OF SELECTED COMMUNICABLE DISEASES BY MAJOR POLITICAL DIVISIONS OF EACH COUNTRY, 1966 (continued)

Country and major political divisions	Number	Country and major political divisions	Number	Country and major political divisions	Number
MALARIA (cont.)					
Honduras (cont.)		Mexico (cont.)		Paraguay (cont.)	
Departments:		States:		Departments:	
Choluteca	6 283	Yucatán	6	Misiones	52
Colón	399	Zacatecas	58	Neembucu	9
Comayagua	384	Territory:		Paraguari	1 980
Copán	23	Quintana Roo	76	San Pedro	4 973
Cortés	2 549	Not stated	44		
El Paraíso	651			Peru	2 051
Francisco Morazán	737	Nicaragua	15 647	Departments:	
Gracias a Dios	1	Departments:		Amazonas	217
Intibucá	67	Boaco	52	Ancash	1
Islas de la Bahía	21	Carazo	136	Ayacucho	12
La Paz	100	Chinandega	2 618	Cajamarca	157
Lempira	26	Chontales	393	Cuzco	33
Ocotepeque	5	Estelí	1 401	Huancavelica	1
Olancho	331	Granada	116	Junín	168
Santa Barbara	270	Jinotega	1 211	La Libertad	5
Valle	2 262	León	2 637	Lambayeque	68
Yoro	2 353	Madriz	2 018	Lima	8
		Managua	3 591	Loreto	901
Jamaica	d) 2	Masaya	186	Madre de Dios	2
Parishes:		Matagalpa	246	Moquegua	1
St. Andrew	1	Nueva Segovia	435	Piura	411
Westmoreland	1	Río San Juan	134	San Martín	64
		Rivas	222	Tacna	1
Mexico	11 605	Zelaya	251	Tumbes	1
Federal District	3				
States:		Panama	3 668	United States	e) 565
Campeche	27	Provincias:		District of Columbia	1
Chiapas	2 244	Bocas del Toro	22	States:	
Chihuahua	80	Chiriquí	1 342	Alabama	6
Coahuila	6	Coclé	79	Arizona	3
Colima	17	Colón	527	Arkansas	3
Durango	81	Darién	575	California	106
Guanajuato	8	Herrera	39	Colorado	8
Guerrero	952	Los Santos	288	Connecticut	1
Hidalgo	25	Panamá	621	Florida	9
Jalisco	146	Veraguas	160	Hawaii	7
México	55	Not stated	16	Illinois	16
Michoacán	1 327	Paraguay	32 996	Indiana	5
Morelos	66	Capital	248	Iowa	8
Nayarit	530	Departments:		Kansas	6
Nuevo León	7	Alto Paraná	2 318	Kentucky	37
Oaxaca	3 317	Amambay	179	Louisiana	7
Puebla	340	Boquerón, Olimpo,		Maine	1
Querétaro	5	Presidente Hayes	589	Maryland	33
San Luis Potosí	5	Caaguazú	12 901	Massachusetts	9
Sinaloa	1 296	Caazapa	1 162	Michigan	14
Sonora	250	Central	574	Minnesota	6
Tabasco	63	Concepción	810	Mississippi	7
Tamaulipas	1	Cordillera	5 776	Missouri	4
Tlaxcala	2	Guairá	893	Nevada	2
Veracruz	568	Itapúa	534	New Hampshire	1

(d) Imported.

(e) Including cases acquired outside the country.

TABLE V. REPORTED CASES OF SELECTED COMMUNICABLE DISEASES BY MAJOR POLITICAL DIVISIONS OF EACH COUNTRY, 1966 (continued)

Country and major political divisions	Number	Country and major political divisions	Number	Country and major political divisions	Number
MALARIA (cont.)					
United States (cont.)		Venezuela (cont.)		Canal Zone	31
States:		States:		French Guiana	+ 11
New Jersey	6	Barinas	1 950	Puerto Rico	d) 10
New Mexico	2	Bolívar	310	Municipios:	
New York	27	Carabobo	10	Arecibo	1
North Carolina	51	Cojedes	1	Guayama	1
Ohio	6	Lara	24	Guayanilla	1
Oklahoma	4	Mérida	128	Lares	1
Oregon	6	Monagas	6	Ponce	3
Pennsylvania	138	Portuguesa	73	Río Piedras	3
South Carolina	8	Táchira	1 502		
Utah	3	Trujillo	28	Surinam	3 405
Virginia	11	Trujillo	1	Districts:	
Washington	1	Yaracuy	1	Brokopondo	1 330
West Virginia	2	Zulia	496	Commewijne	5
Uruguay	4	Federal Territories:		Marowijne	1 559
Department		Amazonas	486	Nickerie	41
Montevideo	3	Delta Amacuro	22	Paramaribo	45
Not stated	1	Bahamas	1	Saramacca	3
Venezuela	f) 5 481	British Honduras	552	Suriname	4
Federal District	14	Districts:		Not stated	418
States:		Belize	11	Turks and Caicos Islands	+ d) 1
Anzoátegui	2	Cayo	21		
Apure	417	Corozal	204		
Aragua	11	Orange Walk	39		
		Stann Creek	197		
		Toledo	80		
PLAGUE					
Bolivia	3	Ecuador	171	Peru (cont.)	
Departments:		Provinces:		Departments:	
Santa Cruz	1	Cañar	4	Lambayeque	75
Tarija	2	Chimborazo	15	Piura	586
Brazil	48	El Oro	21	United States	g) 6
States:		Loja	113	States:	
Bahia	13	Manabí	18	Arizona	1
Ceará	30	Peru	669	New Mexico	3
Pernambuco	2	Departments:		Texas	d) 1
Rio Grande do Norte	3	Cajamarca	8	Utah	1
SMALLPOX					
Argentina	21	Brazil (cont.)		Brazil (cont.)	
Provinces:		States:		States:	
Corrientes	9	Alagoas	8	Maranhão	h) 7
Jujuy	2	Amazonas	7	Mato Grosso	32
Santa Fe	10	Ceará	291	Minas Gerais	143
Brazil	3 518	Espirito Santo	12	Pará	25
Federal District	1	Goiás	455	Paraíba	20
		Guanabara	45	Paraná	42

(d) Imported.

(f) Including 846 cases acquired outside the country.

(g) Including 1 imported case.

(h) Data for capital city.

TABLE V. REPORTED CASES OF SELECTED COMMUNICABLE DISEASES BY MAJOR POLITICAL DIVISIONS OF EACH COUNTRY, 1966 (continued)

Country and major political divisions	Number	Country and major political divisions	Number	Country and major political divisions	Number
SMALLPOX (cont.)					
Brazil (cont.)		Brazil (cont.)		Paraguay	5
States:		Territories:		Department:	
Pernambuco	8	Amapá	23	Concepción	5
Piauí	583	Roraima	2	Peru	13
Rio de Janeiro	44	Colombia	8	Departments:	
Rio Grande do Sul	319	Department:		Loreto	4
Santa Catarina	9	Antioquia	8	San Martín	9
São Paulo	1 460				
Sergipe	2				
TYPHUS, LOUSE- BORNE					
Bolivia	206	Ecuador (cont.)		Mexico (cont.)	
Departments:		Provinces:		States:	
Chuquisaca	29	Bolívar	8	Guerrero	10
Cochabamba	90	Cañar	24	Hidalgo	2
La Paz	86	Carchi	21	México	14
Potosí	1	Chimborazo	12	Oaxaca	26
Chile	6	Cotopaxi	8	Tlaxcala	1
Province:		Imbabura	2	Peru	44
Cautín	6	Loja	1	Departments:	
Ecuador	130	Pichincha	28	Cuzco	1
Provinces:		Tungurahua	2	Huánuco	36
Azuay	24	Mexico	75	Pasco	5
		States:		Puno	1
		Chiapas	22	Tacna	1
YAWS					
Bolivia (a)	2	Haiti (cont.)		United States	d) 3
Department:		Departments:		State:	
La Paz	2	Ouest	118	Ohio	3
Colombia	84	Sud	24	Venezuela	i) 6
Departments:		Jamaica	52	State:	
Caldas	4	Parishes:		Falcón	6
Cauca	27	St. Andrew	6	Dominica	125
Chocó	16	St. Ann	1	Montserrat	j) 7
Córdoba	19	St. Catherine	15	St. Lucia	27
Nariño	15	St. Elizabeth	4	Quarters:	
Tolima	1	St. Mary	9	Anse-La-Raye	5
Valle del Cauca	2	St. Thomas	16	Castries	6
Dominican Republic (c)	+ 6	Trelawny	1	Choiseul	8
Guyana	* 30	Panama	1	Dennery	2
Counties:		Province:		Gros-Islet	2
Demerara	27	Coclé	1	Laborie	2
Essequibo	3	Peru (a)	25	Vieux-Fort	4
Haiti	161	Departments:		St. Vincent	1097
Departments:		Huánuco	1		
Artibonite	9	Junín	8		
Nord-Ouest	10	Loreto	13		
		San Martín	3		

(a) Reporting area.

(i) Infectious cases.

(c) Cases not specified by major political divisions.

(j) Latent cases.

(d) Imported.

TABLE V. REPORTED CASES OF SELECTED COMMUNICABLE DISEASES BY MAJOR POLITICAL DIVISIONS OF EACH COUNTRY, 1966 (continued)

Country and major political divisions	Number	Country and major political divisions	Number	Country and major political divisions	Number
YELLOW FEVER					
Argentina	51	Brazil	167	Peru	9
Provinces:		States:		Departments:	
Corrientes	12	Paraná	100	Huánuco	5
Misiones	39	Rio Grande do Sul	22	San Martín	4
		Santa Catarina	45		
Bolivia	69	Colombia	3	Venezuela	5
Departments:		Department:		State:	
La Paz	16	Antioquia	1	Anzoátegui	5
Santa Cruz	52	Intendency:			
Tarija	1	Caquetá	2		

TABLE VI. REPORTED CASES OF SELECTED ZOOSES IN MAN AND ANIMALS, BY COUNTRY, 1966

Disease and country	Number		Remarks on cases in animals	Disease and country	Number		Remarks on cases in animals
	Man	Animals			Man	Animals	
ANTHRAX				BRUCELLOSIS (cont.)			
Argentina	160	...		United States	262	(40 420)	Number of infected herds: cattle 38 715, equine 31, goats 17, sheep 2, swine 1 625, other 30
Brazil	...	(12)	Number of outbreaks; provisional data				
Chile	142	...		Uruguay	6	...	
Colombia	1	(25)	Number of outbreaks: cattle 22, equine 1, swine 2	Venezuela	a) 7	1 206	Positive reactors in cattle and swine; animals examined 16 884
El Salvador	a) 84	92					
Guatemala	*	5	Cattle				
Guyana	-	8	One outbreak				
Haiti	29	...		Bermuda	-	...	Possibly low incidence in cattle
Honduras	a) -	1	Positive reactor; animals tested 268	Puerto Rico	-	(665)	Number of infected herds: cattle 550, equine 3, swine 112
Mexico	18	...					
Nicaragua	*	12					
Panama	1	...					
Paraguay	a) 4	12	Cattle	ENCEPHALITIS, ARTHROPOD-BORNE			
Peru	a) 42	...					
United States	5	(43)	Number of infected herds: cattle 40, equine 1, swine 2	Canada	4	-	
Uruguay	70	...		Guyana	*	150	Equine; two outbreaks
Venezuela	a) 1	94	Cattle 87, goats 7	United States	434	1 369	Equine
		(1)	Infected herd; cattle	Venezuela	a) 269	458	Equine
Puerto Rico	-			Guadeloupe	-	1	Suspected case
BRUCELLOSIS							
Argentina	1 430	...		HYDATIDOSIS			
Barbados	*	...	Rare	Argentina	412	...	
Brazil	...	(430)	Number of outbreaks: cattle 415, swine 15; provisional data	Chile	784	...	
				Guatemala	...	14	swine
Canada	21	9 429		Paraguay	*	156	Cattle
Chile	6	...		Peru	a) 173	3 755	Auchenias 14, cattle 1 899, goats 2, sheep 1 314, swine 526
Colombia	68	(1 367)	Number of outbreaks: cattle 1 332, equine 3, sheep 3, swine 29	Uruguay	418	...	
Costa Rica	...	1 064	Positive reactors; animals tested 20 099	Venezuela	*	2	
Cuba	6	...		Falkland Islands	1	...	
El Salvador	a) 5	251					
Guatemala	5	725	Positive reactors in cattle; animals tested 13 938	LEPTOSPIROSIS			
Honduras	a) -	30	Positive reactors; animals tested 16 622	Argentina	3	...	
Jamaica	-	137	Positive reactors; animals tested 7 727	Barbados	13	...	Few cases
				Brazil	b) 84	...	
Mexico	1 431	...		Canada	*	64	
Nicaragua	*	73	Positive reactors; animals tested 4 288	Colombia	*	(4)	Number of outbreaks: dogs 3, swine 1
Panama	-	718		Jamaica	27	...	
Paraguay	a) 2	80	Cattle; provisional data	Paraguay	...	5	Cattle
Peru	a) 1 482	...		Trinidad and Tobago	* 1	...	
				United States	72	20 016	Cattle 10 276, dogs 6 653, equine 162, swine 2 925

Note: Figure in parentheses refers to number of outbreaks or number of infected herds.

(a) Data for reporting area.

(b) Data for São Paulo State.

TABLE VI. REPORTED CASES OF SELECTED ZOOSES IN MAN AND ANIMALS, BY COUNTRY, 1966 (continued)

Disease and country	Number		Remarks on cases in animals	Disease and country	Number		Remarks on cases in animals
	Man	Animals			Man	Animals	
LEPTOSPIROSIS (cont.)				RABIES (cont.)			
Venezuela	a)	3	- No positive reactors in 1 137 cattle and goats tested	Uruguay	2	502	Laboratory data
Bermuda	-	2	Dogs	Venezuela	17	1 408	Cats and dogs 700, cattle 703, equine 2, fox 1, swine 2
Canal Zone	-	...		Puerto Rico	-	20	Cat 1, cattle 5, dogs 5, mongcooses 9
French Guiana	+	1					
Martinique		1		TRYPANOSOMIASIS			
Puerto Rico		3		Argentina	+ 2 776	...	
St. Kitts-Nevis-Anguilla	-	...	Fairly large number of cases in dogs	Brazil	c) 2	...	
RABIES				El Salvador	a) 147	...	
Argentina	10	1 425	Cats 20, dogs 1 405	Guatemala	d) 578	...	
Brazil	b)	18 (377)	Number of outbreaks: cattle 312, dogs 35, equine 30; provisional data	Guyana	*	50	One outbreak in equine
Canada	-	+ 1 153	Dogs 93, other domestic animals 400, wild animals 660	Paraguay	a) 13	...	
Chile	1	+ 81		Uruguay	9	...	
Colombia	50	(979)	Number of outbreaks: cattle 107, dogs 861, equine 2, rodents 2, sheep 4, swine 3	Venezuela	a) 397	...	
Costa Rica	-	24	Cattle 1, dogs 20, cats 3	TUBERCULOSIS, BOVINE			
Cuba	1	71		Barbados	...	...	Level of incidence 0.25 per cent
Dominican Republic	+	3 + 90		Brazil	...	(35)	Number of outbreaks in cattle; provisional data
Ecuador	+	12 + 192		Canada	...	950	
El Salvador	a)	11	133 Cattle 50, dogs 12, unspecified 71	Costa Rica	...	67	Positive reactors; animals tested 4 188
Guatemala	6	197	Cats 6, cattle 7, dogs 184	El Salvador	...	110	Cattle 104, goats 6
Guyana	*	...	Widespread incidence of bat-transmitted rabies in cattle in certain areas	Guatemala	...	2 082	Cattle 1 721, swine 361
Honduras	a)	2	Cattle 2, dogs 24	Guyana	...	2	Large scale testing not carried out in 1966
Mexico	55	...		Honduras	...	207	Positive reactors; animals tested 34 075
Nicaragua	-	67		Jamaica	...	12	Positive reactors; animals tested 1 685
Panama	-	6		Panama	...	15	
Paraguay	a)	-	150 Cats, cattle and dogs	Paraguay	...	6 518	Cattle; confirmed by necropsy
Peru	26	1 600	Cats 36, dogs 1 528, other 36	Peru	...	3	
Trinidad and Tobago	-	3	Cattle; bat-transmitted	United States	...	(1 234)	Number of tuberculin positive herds; cattle
United States	1	4 178	Cats 251, cattle 514, dogs 407, other domestic animals 68, wild animals 2 338	Venezuela	...	1 287	Positive reactors in cattle; animals tested 271 501
				Puerto Rico	...	(83)	Number of tuberculin positive herds; cattle

Note: Figure in parentheses refers to number of outbreaks or number of infected herds.

(a) Data for reporting area.

(c) Data for São Paulo City.

(b) Data for São Paulo State.

(d) Infected with T. cruzi 190, T. rangeli 388.

TABLE VII. DEATHS FROM COMMUNICABLE DISEASES, BY COUNTRY, 1966

Diseases	Argentina (a)	Barbados	Canada	Chile	Colombia	Costa Rica	Cuba (b)	Dominican Republic
Amebiasis 046	...	1	4	26	...	17	...	...
Ankylostomiasis 129	8	-	-	-	549	7	...	...
Anthrax 062	3	-	-	5	2	-	...	...
Botulism 049.1	...	-	-	-	...	-	...	...
Brucellosis 044	5	-	-	-	2	1	...	...
Chickenpox 087	...	...	14	36	...	1	...	...
Diphtheria 055	57	1	7	94	410	12	13	70
Dysentery, bacillary 045	...	1	4	6	...	1	...	...
Dysentery, other and unspecified 047,048	c) 23	-	4	26	c) 901	9	c) 13	c) 37
Encephalitis, acute infectious 082	158	1	51	83	57	11	...	...
Erysipelas 052	5	1	3	15	92	-	...	...
Filariasis 127	1	-	-	-	-	-	...	...
Food poisoning, other 049.0,049.2	...	-	3	56	...	2	...	...
Gonococcal infection 030-035	2	-	-	-	20	2	...	...
Hepatitis, infectious 092	117	4	74	79	155	14	...	...
Hydatidosis 125	59	-	3	59	-	-	...	...
Influenza 480-483	338	17	598	1 361	2 183	168	191	3
Leprosy 060	36	-	-	-	112	-	...	...
Leptospirosis 072	...	16	-	-	...	-	...	...
Malaria 110-117	2	-	-	-	1 093	7	...	47
Measles 085	395	1	50	1 754	1 371	108	68	38
Meningococcal infections 057	46	-	38	26	18	1	3	-
Mumps 089	...	...	2	4	...	5	...	...
Paratyphoid fever 041	...	-	1	1	...	1	...	...
Plague 058	-	-	-	-	-	-	-	-
Polioomyelitis, acute 080	26	-	-	33	58	8	-	9
Rabies 094	9	-	-	1	35	-	...	...
Relapsing fever 071	...	-	-	-	...	-	...	...
Rheumatic fever 400-402	100	3	19	60	192	24	...	12
Rickettsial diseases, other 102-108	d) 5	-	-	d) 2	d) 544	1	-	-
Salmonella infections, other 042	e) 15	-	9	11	e) 65	6	...	...
Scarlet fever 050	3	-	2	7	2	-	...	-
Schistosomiasis 123	-	-	-	-	-	-	...	...
Smallpox 084	1	-	-	-	5	-	-	-
Streptococcal sore throat 051	8	-	6	-	13	-	...	-
Syphilis 020-029	301	13	87	146	221	13	...	61
Tetanus 061	380	12	9	37	1 913	228	...	...
Trypanosomiasis 121	...	-	-	8	...	1	...	...
Tuberculosis 001-019	2 406	10	669	3 544	4 168	130	...	358
Typhoid fever 040	38	-	1	148	508	9	3	62
Typhus, flea-borne (murine) 101	...	-	-	...	...	-	-	-
Typhus, louse-borne epidemic 100	...	-	-	...	...	-	-	-
Whooping cough 058	155	-	6	155	1 867	84	16	11
Yellow fever 091	-	-	-	-	10	-	-	-

(a) Federal Capital and 14 provinces, with 80.6 per cent of the population.

(b) Provisional data.

(c) Dysentery, all forms (045-048).

(d) Including louse-borne and flea-borne typhus (100-101).

(e) Including paratyphoid fever (041).

TABLE VII. DEATHS FROM COMMUNICABLE DISEASES, BY COUNTRY, 1966 (continued)

Diseases	Ecuador	El Salvador	Guatemala	Honduras	Mexico	Panama	Paraguay (f)	Peru (g)	Trinidad and Tobago
Amebiasis 046	37	...	...	...	1 348	4	-	...	...
Ankylostomiasis 129	17	1	11	2	21	5	42	...	-
Anthrax 062	-	-	-	1	6	-	3	...	-
Botulism 049.1	-	-	-	-	-	-	-	...	...
Brucellosis 044	-	-	1	-	78	-	-	...	-
Chickenpox 087	...	...	...	...	83	...	4	...	...
Diphtheria 055	43	29	37	9	293	9	18	34	6
Dysentery, bacillary 045	9	...	...	...	443	1	13	...	...
Dysentery, other and unspecified 047,048	170	c) 143	c) 1 761	c) 91	2 089	23	49	c) 246	c) 9
Encephalitis, acute infectious 082	35	3	1	2	237	3	6	...	4
Erysipelas 052	11	70	169	27	164	1	3	...	-
Filariasis 127	-	-	-	-	1	-	-	...	-
Food poisoning, other 049.0,049.2	102	-	-	-	129	5	8	...	...
Gonococcal infection 030-035	-	-	-	1	7	1	-	...	2
Hepatitis, infectious 092	26	27	23	2	484	9	18	...	6
Hydatidosis 125	-	-	-	-	-	-	-	...	-
Influenza 480-483	1 655	911	8 450	967	5 289	47	93	...	49
Leprosy 060	3	2	1	5	45	-	12	4	6
Leptospirosis 072	46	-	-	-	3	-	-	...	...
Malaria 110-117	176	274	17	145	52	29	28	12	1
Measles 085	1 469	546	3 046	516	8 054	249	14	2 508	-
Meningococcal infections 057	3	-	3	-	36	3	3	12	1
Mumps 089	...	...	...	...	4	...	-	...	...
Paratyphoid fever 041	...	1	...	-	154	-	-	...	-
Plague 058	10	-	-	-	-	-	-	6	-
Poliomyelitis, acute 080	38	17	13	52	204	1	4	35	-
Rabies 094	9	11	9	1	72	-	-	27	-
Relapsing fever 071	-	-	-	-	1	-	-	...	...
Rheumatic fever 400-402	23	7	31	2	192	5	18	...	11
Rickettsial diseases, other 102-108	d) 16	-	-	d) 4	56	-	-	d) 17	-
Salmonella infections, other 042	e) 36	-	e) 3	-	923	-	-	...	-
Scarlet fever 050	1	-	4	-	139	-	-	...	-
Schistosomiasis 123	1	-	-	-	-	-	-	...	-
Smallpox 084	25	-	-	-	-	-	-	2	-
Streptococcal sore throat 051	3	-	1	-	3	-	-	h) 83	-
Syphilis 020-029	43	5	11	7	285	13	35	33	25
Tetanus 061	1 637	322	209	83	2 213	232	223	448	40
Trypanosomiasis 121	12	-	-	-	-	10	2	...	...
Tuberculosis 001-019	1 302	410	1 207	174	9 798	261	241	3 611	50
Typhoid fever 040	116	87	337	456	1 451	-	11	i) 334	1
Typhus, flea-borne (murine) 101	...	-	-	...	-	-	-	...	-
Typhus, louse-borne epidemic 100	...	-	-	...	3	-	-	...	-
Whooping cough 056	3 045	385	3 612	519	3 411	49	36	293	-
Yellow fever 091	-	-	-	-	-	-	-	12	-

(c) Dysentery, all forms (045-048).

(d) Including louse-borne and flea-borne typhus (100-101).

(e) Including paratyphoid fever (041).

(f) Area of registration, with about 50 per cent of the population.

(g) Districts with medical certification.

(h) Including scarlet fever (050).

(i) Including paratyphoid fever (041) and other salmonella infections (042).

TABLE VII. DEATHS FROM COMMUNICABLE DISEASES, BY COUNTRY, 1966 (continued)

Diseases	United States	Uruguay	Venezuela	Antigua	Bahamas	Bermuda	British Honduras	Canal Zone	Dominica
Amebiasis	046	54	...	368	...	1	-	-	1
Ankylostomiasis	129	5	-	21	-	...	-	-	...
Anthrax	062	-	1	-	-	...	-	-	...
Botulism	049.1	-	-	-	-	...	-	-	...
Brucellosis	044	3	-	-	-	-	-	-	-
Chickenpox	087	...	...	14	-	-	-	-	-
Diphtheria	065	20	12	51	-	-	-	-	-
Dysentery, bacillary	045	86	...	35	...	-	-	-	-
Dysentery, other and unspecified	047,048	32	c) 3	233	c) 1	-	1	-	2
Encephalitis, acute infectious	082	579	43	40	-	-	2	-	-
Erysipelas	052	12	1	1	-	...	-	-	...
Filariasis	127	-	-	-	...	...	-	-	...
Food poisoning, other	049.0,049.2	20	-	9	-	...	-	-	...
Gonococcal infection	030-035	18	1	-	-	...	-	-	...
Hepatitis, infectious	092	757	18	66	-	-	1	-	-
Hydatidosis	125	7	25	-	-	...	-	-	...
Influenza	480-483	2 830	154	765	-	-	-	-	-
Leprosy	060	6	7	13	-	...	-	-	...
Leptospirosis	072	9	...	3	-	-	-	-	-
Malaria	110-117	5	-	-	-	-	-	-	-
Measles	085	261	7	293	-	-	-	-	-
Meningococcal infections	057	876	7	5	-	-	2	-	-
Mumps	089	...	...	9	-	-	-	-	-
Paratyphoid fever	041	...	-	2	-	-	1	-	-
Plague	058	1	-	-	-	-	-	-	-
Poliomyelitis, acute	080	9	-	18	-	-	-	-	-
Rabies	094	2	1	18	-	...	-	-	...
Relapsing fever	071	-	...	-	-	-	-	-	-
Rheumatic fever	400-402	456	16	27	-	...	-	-	...
Rickettsial diseases, other	102-108	d) 23	-	-	-	-	-	-	-
Salmonella infections, other	042	e) 73	-	1	-	-	-	-	-
Scarlet fever	050	6	1	-	-	-	-	-	-
Schistosomiasis	123	3	-	21	-	...	-	-	...
Smallpox	084	-	-	-	-	-	-	-	-
Streptococcal sore throat	051	59	2	10	-	-	-	-	-
Syphilis	020-029	2 193	78	112	6	...	-	1	...
Tetanus	061	158	24	518	1	...	5	-	...
Trypanosomiasis	121	-	...	398	-	...	-	-	...
Tuberculosis	001-019	7 625	309	1 307	4	...	10	1	...
Typhoid fever	040	15	5	13	2	1	1	-	4
Typhus, flea-borne (murine)	101	...	-	-	-	-	-	-	-
Typhus, louse-borne epidemic	100	...	-	-	-	-	-	-	-
Whooping cough	056	49	-	65	-	-	2	-	-
Yellow fever	091	-	-	4	-	-	-	-	-

(c) Dysentery, all forms (045-048).

(e) Including paratyphoid fever (041).

(d) Including louse-borne and flea-borne typhus (100-101).

TABLE VII. DEATHS FROM COMMUNICABLE DISEASES, BY COUNTRY, 1966 (continued)

Diseases	Falkland Islands	Guade-loupe	Mont-serrat	Puerto Rico	St.Kitts-Nevis-Anguilla	St. Lucia	St.Pierre and Miquelon	Suri-nam	Virgin Islands (UK)
Amebiasis	046	-	-	...	-	-	-	-	-
Ankylostomiasis	129	-	-	...	-	-	-	1	-
Anthrax	062	-	-	...	-	-	-	-	-
Botulism	049.1	-	...	...	-	-	-	-	-
Brucellosis	044	-	-	...	-	1	-	-	-
Chickenpox	087	1	-	...	-	-	-	-	-
Diphtheria	055	-	-	-	-	2	-	-	-
Dysentery, bacillary	045	-	-	...	-	-	-	-	-
unspecified	047,048	-	4	c) 1	-	-	-	-	-
Encephalitis, acute infectious	082	-	-	...	-	-	-	-	-
Erysipelas	052	-	-	...	-	-	-	-	-
Filariasis	127	-	-	...	-	-	-	2	-
Food poisoning, other	049.0,049.2	-	...	...	-	-	-	-	-
Gonococcal infection	030-035	-	-	...	-	-	-	-	-
Hepatitis, infectious	092	-	-	...	2	-	-	-	-
Hydatidosis	125	-	-	...	-	-	-	-	-
Influenza	480-483	-	4	1 45	1	-	-	37	-
Leprosy	080	-	-	-	-	-	-	-	-
Leptospirosis	072	-	-	...	-	-	-	-	-
Malaria	110-117	-	-	-	-	-	-	-	-
Measles	085	-	-	17	-	-	-	-	-
Meningococcal infections	057	-	15	5	-	-	-	-	-
Mumps	089	-	-	...	-	-	-	-	-
Paratyphoid fever	041	-	-	-	-	-	-	-	-
Plague	058	-	-	-	-	-	-	-	-
Poliomyelitis, acute	080	-	-	1	-	-	-	-	-
Rabies	094	-	-	-	-	-	-	-	-
Relapsing fever	071	-	-	...	-	-	-	-	-
Rheumatic fever	400-402	-	1	17	-	-	-	1	-
Rickettsial diseases, other	102-108	-	-	-	-	-	-	-	-
Salmonella infections, other	042	-	-	-	-	-	-	-	-
Scarlet fever	050	-	-	...	-	-	-	-	-
Schistosomiasis	123	-	-	...	-	-	-	14	-
Smallpox	084	-	-	-	-	-	-	-	-
Streptococcal sore throat	051	-	-	h) 1	-	-	-	-	-
Syphilis	020-029	-	2	33	-	3	-	5	-
Tetanus	061	-	10	1 48	1	13	-	19	-
Trypanosomiasis	121	-	-	...	-	-	-	-	-
Tuberculosis	001-019	-	41	-	442	13	8	11	-
Typhoid fever	040	-	2	-	-	4	-	2	-
Typhus, flea-borne (murine)	101	-	-	-	-	-	-	-	-
Typhus, louse-borne epidemic	100	-	-	-	-	-	-	-	-
Whooping cough	056	-	-	1 7	3	-	-	2	-
Yellow fever	091	-	-	-	-	-	-	-	-

(c) Dysentery, all forms (045-048).

(h) Including scarlet fever (050).

TABLE VIII-A. REPORTED CASES AND DEATHS FROM COMMUNICABLE DISEASES IN THE THREE REGIONS OF THE AMERICAS, 1965 AND 1966

Diseases	Northern America				Middle America				South America				
	Cases		Deaths		Cases		Deaths		Cases		Deaths		
	1965	1966	1965	1966	1965	1966	1965	1966	1965	1966	1965	1966	
Amebiasis	046	2 819	2 968	67	58	60 982	59 080	824	1 372	28 325	22 380	* 568	* 431
Ankylostomiasis	129	4 821	3 757	2	5	* 18 115	32 310	48	47	25 018	39 119	666	638
Anthrax	082	7	5	-	-	222	132	22	7	416	420	13	14
Botulism	049.1	25	9	10	-	2	-	...	-	7	3	* 3	...
Brucellosis (undulant fever)	044	300	283	6	3	1 116	1 447	90	81	1 802	2 999	22	7
Chickenpox	087	153 831	136 214	159	* 14	49 829	19 123	123	84	50 085	59 676	* 72	* 55
Dengue	090	...	...	...	...	664	8	...	...	4 041	7 750	...	...
Diphtheria	055	215	248	24	27	1 793	1 630	448	481	5 764	6 459	871	719
Dysentery, all forms	045-048	17 817	18 231	246	184	114 485	95 350	5 702	6 001	129 379	147 719	2 264	2 145
Dysentery, bacillary, other and unspecified	045,047,048	14 998	15 263	179	126	29 340	25 812	4 642	2 574	100 783	124 678	* 548	* 541
Encephalitis, acute infectious	082	1 813	2 125	561	630	103	105	219	264	1 451	1 525	426	422
Erysipelas	052	106	102	13	15	2 086	* 598	618	482	* 802	* 808	114	128
Filariasis	127	...	...	-	-	6 468	* 5 934	1	1	* 1 769	* 2 160	1	3
Food poisoning, other	049.0,049.2	* 470	1 436	17	23	4 230	3 289	a) 179	136	* 3 604	* 4 826	a) * 99	* 175
Gonococcal infection	030-035	345 229	373 375	9	18	80 730	82 366	12	13	76 514	76 309	31	23
Hepatitis, infectious	092	40 482	38 696	806	831	15 703	15 791	622	572	9 815	13 699	505	479
Hydatidosis	125	...	...	9	10	-	-	1	-	1 733	1 788	182	143
Influenza	480-483	...	...	2 734	3 428	271 083	311 847	11 177	16 143	276 658	265 277	7 865	6 586
Leishmaniasis	120	...	...	...	...	119	306	...	...	1 832	2 943	...	...
Leprosy	060	97	111	3	6	1 036	994	67	59	3 721	3 017	156	187
Leptospirosis	072	84	72	11	9	* 17	* 47	13	19	97	91	* 3	* 49
Malaria	110-117	150	572	8	5	94 839	152 135	1 000	572	152 861	182 144	1 446	1 311
Measles	085	262 493	204 249	347	311	84 258	94 435	14 554	12 643	144 553	151 671	8 122	7 811
Meningococcal infections	057	3 128	3 466	828	914	238	228	104	69	1 634	1 556	88	120
Mumps	089	114 501	128 315	33	* 2	33 328	7 881	22	9	36 867	42 242	* 9	* 13
Paratyphoid fever (b)	041	...	...	8	* 1	2 995	2 903	283	157	* 14	* 7	* 96	* 8
Plague	058	8	6	1	1	-	-	-	-	837	891	6	16
Poliomyelitis, acute	080	75	116	17	9	1 266	1 280	348	305	2 187	2 308	273	210
Psittacosis	096.2	65	51	...	...	-	-	...	...	1	3	...	...
Rabies	094	2	1	2	2	67	78	82	93	189	136	110	100
Relapsing fever	071	...	* 5	-	-	-	-	1	1	16	203	...	...
Rheumatic fever	400-402	5 010	4 481	528	475	3 575	2 511	352	305	1 650	2 607	508	437
Rickettsial diseases, other (c)	102-108	281	268	17	23	-	-	49	64	72	44	602	584
Salmonella infections, other (b)	042	18 490	18 306	88	82	* 17	* 504	1 051	932	* 333	* 326	152	128
Scarlet fever	050 d)	408 787	d) 447 786	7	8	1 022	873	132	144	3 405	4 291	23	14
Schistosomiasis	123 *	305	* 288	4	3	151	108	8	-	* 3 260	* 2 731	31	36
Smallpox	084	-	-	-	-	-	-	-	-	3 484	3 565	53	33
Streptococcal sore throat	051 d)	...	d) ...	66	65	* 3 837	* 3 064	13	4	* 82 799	* 68 215	31	119
Syphilis	020-029	115 280	107 198	2 540	2 280	52 672	41 814	550	478	41 227	42 634	916	974
Tetanus	061	309	241	188	167	3 519	3 655	3 997	3 413	3 608	3 686	4 955	5 199
Trachoma	095 *	215	* 1 165	...	...	454	...	...	...	428	536	...	...
Trichiniasis	128	239	213	...	...	...	* 2	...	...	111	109	...	...
Trypanosomiasis	121	...	...	-	-	345	e) 725	7	11	2 595	3 197	* 409	* 420
Tuberculosis	001-019	53 840	52 296	8 633	8 294	45 529	37 435	12 921	12 917	72 585	77 580	15 418	16 899
Tularemia	059	265	211	...	...	-	-	...	...	...	...	...	...
Typhoid fever (b)	040	612	505	6	16	9 440	11 504	2 229	2 420	26 881	26 244	1 018	1 175
Typhus, flea-borne (murine)	101	28	33	-	...	33	51	2	-	155	139	...	...
Typhus, louse-borne (epidemic)	100	-	-	-	...	34	75	-	3	427	386	* 1	...
Whooping cough	056	9 274	12 375	64	55	45 287	41 656	8 272	8 100	106 947	68 803	5 929	5 618
Yaws	073	-	3	...	...	279	1 476	...	...	401	147	...	...
Yellow fever	091	-	-	-	-	-	-	-	-	87	304	22	26

Note: Regional totals do not necessarily include data for all the countries or the same countries for every disease or for each of the years. Figures with asterisks refer to less than 20 per cent of the regional population.

(a) Including botulism (049.1).

(b) Data of paratyphoid fever (041) for some countries are included in those of typhoid fever (040) or in those of other salmonella infections (042).

(c) Case data refer to tick-borne typhus (104); death data refer to typhus and other rickettsial diseases, (100-108).

(d) Data of scarlet fever (050) include those of streptococcal sore throat (051).

(e) Including 388 cases infected with *T. rangeli*.

TABLE VIII-B. REPORTED CASES AND DEATHS FROM COMMUNICABLE DISEASES PER 100,000 POPULATION
IN THE THREE REGIONS OF THE AMERICAS, 1965 AND 1966

Diseases	Northern America				Middle America				South America				
	Cases		Deaths		Cases		Deaths		Cases		Deaths		
	1965	1966	1965	1966	1965	1966	1965	1966	1965	1966	1965	1966	
Amebiasis	046	1.3	1.4	0.0	0.0	87.8	80.2	1.4	2.9	61.9	59.2	* 2.4	* 1.8
Ankylostomiasis	129	10.5	8.5	0.0	0.0	* 135.3	121.9	0.1	0.1	77.5	117.5	1.1	1.0
Anthrax	062	0.0	0.0	-	-	0.4	0.2	0.0	0.0	0.8	0.6	0.0	0.0
Botulism	049.1	0.0	0.0	0.0	-	0.0	-	...	-	* 0.0	* 0.0	* 0.0	...
Brucellosis (undulant fever)	044	0.1	0.1	0.0	0.0	1.7	2.0	0.1	0.1	2.8	4.5	0.0	0.0
Chickenpox	087	127.6	109.6	0.1	* 0.1	68.1	60.1	0.2	0.2	59.4	70.8	* 0.5	* 0.3
Dengue	090	...	...	...	...	1.1	0.0	...	...	9.9	18.7	...	...
Diphtheria	055	0.1	0.1	0.0	0.0	2.3	2.0	0.6	0.7	6.4	7.2	1.1	1.0
Dysentery, all forms	045-048	8.3	8.4	0.1	0.1	148.2	121.0	7.7	8.2	198.2	227.5	3.7	3.1
Dysentery, bacillary, other and unspecified	045,047,048	7.0	7.1	0.1	0.1	42.2	35.0	7.9	5.4	155.9	224.5	* 2.3	* 2.2
Encephalitis, acute infectious	082	0.8	1.0	0.3	0.3	0.1	0.1	0.4	0.4	2.0	1.7	0.7	0.7
Erysipelas	052	0.2	0.2	0.0	0.0	3.9	* 7.5	1.0	0.7	* 3.8	* 4.1	0.2	0.2
Filariasis	127	...	...	-	-	38.5	* 43.2	0.0	0.0	* 18.3	* 21.7	0.0	0.0
Food poisoning, other	049.0,049.2	* 2.4	3.2	0.0	0.0	24.6	18.3	a) 0.3	0.2	* 12.7	* 16.3	a)* 0.5	* 0.6
Gonococcal infection	030-036	161.7	172.8	0.0	0.0	110.6	108.7	0.0	0.0	126.9	126.5	0.1	0.0
Hepatitis, infectious	092	19.0	17.9	0.4	0.4	22.3	22.9	1.0	1.0	16.3	20.9	0.8	0.7
Hydatidosis	125	...	...	0.0	0.0	-	-	0.0	-	4.4	4.4	0.3	0.2
Influenza	480-483	...	...	1.3	1.6	352.5	391.3	15.2	22.0	399.7	442.1	12.7	10.3
Leishmaniasis	120	...	...	...	...	0.5	1.3	...	...	3.1	5.0	...	...
Leprosy	060	0.0	0.1	0.0	0.0	1.3	1.2	0.1	0.1	5.0	4.1	0.3	0.3
Leptospirosis	072	0.0	0.0	0.0	0.0	* 0.1	* 0.3	0.0	0.0	0.2	0.2	* 0.0	* 0.2
Malaria	110-117	0.1	0.3	0.0	0.0	120.1	186.4	1.4	0.9	92.9	107.7	2.3	1.9
Measles	086	135.4	104.2	0.2	0.1	111.9	118.4	19.7	17.2	171.3	179.9	13.1	11.1
Meningococcal infections	057	1.5	1.6	0.4	0.4	0.3	0.3	0.1	0.1	2.0	1.9	0.1	0.2
Mumps	089	85.5	91.7	0.0	* 0.0	46.1	28.5	0.0	0.0	56.1	65.0	* 0.1	* 0.1
Paratyphoid fever (b)	041	...	...	0.0	* 0.0	4.0	3.9	0.5	0.3	* 0.2	* 0.1	* 1.0	* 0.0
Plague	058	0.0	0.0	0.0	0.0	-	-	-	-	0.5	0.5	0.0	0.0
Poliomyelitis, acute	080	0.0	0.1	0.0	0.0	1.6	1.6	0.5	0.4	2.4	2.6	0.4	0.3
Psittacosis	096.2	0.0	0.0	...	...	-	-	...	...	0.0	0.0	...	...
Rabies	094	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.1	0.2	0.1
Relapsing fever	071	...	* 0.0	-	-	-	-	0.0	0.0	0.0	0.6	...	...
Rheumatic fever	400-402	4.3	3.8	0.2	0.2	6.5	* 19.3	0.5	0.5	5.1	7.8	0.8	0.7
Rickettsial diseases, other (c)	102-108	0.1	0.1	0.0	0.0	-	-	0.1	0.1	0.1	0.1	0.1	0.8
Salmonella infections, other, (b)	042	8.7	8.5	0.0	0.0	* 0.2	* 5.3	1.7	1.5	* 5.2	* 2.4	0.2	0.2
Scarlet fever	050	d) 191.5	d) 207.3	0.0	0.0	1.5	1.3	0.2	0.2	4.0	5.1	0.0	0.0
Schistosomiasis	123*	1.3	* 1.5	0.0	0.0	0.7	0.5	0.0	-	* 24.0	* 19.7	0.1	0.1
Smallpox	084	-	-	-	-	-	-	-	-	2.1	2.1	0.1	0.0
Streptococcal sore throat	051	d) ...	d) ...	0.0	0.0	* 39.4	* 30.0	0.0	0.0	* 329.7	* 263.3	0.1	0.2
Syphilis	020-029	54.0	49.6	1.2	1.1	63.3	55.0	0.8	0.7	59.9	61.7	1.5	1.4
Tetanus	061	0.1	0.1	0.1	0.1	4.7	4.6	6.5	5.5	4.3	4.4	8.0	7.4
Trachoma	095*	1.6	* 3.9	...	...	2.5	...	...	...	0.9	1.1	...	...
Trichiniasis	128	0.1	0.1	...	...	...	* 0.0	...	...	0.3	0.3	...	...
Trypanosomiasis	121	...	...	...	...	1.5	e) 3.1	0.0	0.0	6.2	7.3	* 2.2	* 1.7
Tuberculosis	001-019	25.2	24.2	4.0	3.8	58.8	46.6	19.7	19.8	109.8	118.2	24.9	24.1
Tularemia	059	0.1	0.1	...	...	-	-	...	...	...	...	...	...
Typhoid fever (b)	040	0.3	0.2	0.0	0.0	12.2	14.3	3.0	3.3	29.9	29.2	1.6	1.7
Typhus, flea-borne (murine)	101	0.0	0.0	-	-	0.0	0.1	0.0	-	0.2	0.2	...	...
Typhus, louse-borne (epidemic)	100	-	-	-	-	0.0	0.1	-	0.0	0.3	0.2	* 0.0	...
Whooping cough	056	4.3	5.7	0.0	0.0	58.7	52.2	11.2	11.0	126.8	81.6	9.6	8.0
Yaws	073	-	0.0	...	...	0.4	2.1	...	...	1.3	0.4	...	...
Yellow fever	091	-	-	-	-	-	-	-	-	0.1	0.2	0.0	0.0

Note: Regional totals do not necessarily include data for all the countries or the same countries for every disease or for each of the years. Figures with asterisks refer to less than 20 per cent of the regional population.

(a) Including botulism (049.1).

(b) Data of paratyphoid fever (041) for some countries are included in those of typhoid fever (040) or in those of other salmonella infections (042).

(c) Case data refer to tick-borne typhus (104); death data refer to typhus and other rickettsial diseases, (100-108).

(d) Data of scarlet fever (050) include those of streptococcal sore throat (051).

(e) Including cases infected with *T. rangeli*

APPENDIX

TABLE A. ESTIMATED MIDYEAR POPULATION, BY COUNTRY, 1966

Country	Population	Country	Population
Argentina	22 691 000	Venezuela	8 921 000
Barbados	245 000	Antigua	60 000
Bolivia	3 748 000	Bahamas	140 000
Brazil	83 175 000	Bermuda	50 000
Canada	20 050 000	British Honduras	109 000
Chile	8 750 000	Canal Zone	56 000
Colombia	18 596 000	Cayman Islands	9 000
Costa Rica	1 486 000	Dominica	68 000
Cuba	7 833 000	Falkland Islands	2 000
Dominican Republic	3 754 000	French Guiana	37 000
Ecuador	5 326 000	Grenada	97 000
El Salvador	3 037 000	Guadeloupe	319 000
Guatemala	4 575 000	Martinique	327 000
Guyana	662 000	Montserrat	14 000
Haiti	4 485 000	Netherlands Antilles	210 000
Honduras	2 363 000	Puerto Rico	2 668 000
Jamaica	1 839 000	St. Kitts-Nevis-Anguilla	61 000
Mexico	44 145 000	St. Lucia	103 000
Nicaragua	1 715 000	St. Pierre and Miquelon	5 000
Panama	1 287 000	St. Vincent	90 000
Paraguay	2 094 000	Surinam	350 000
Peru	12 012 000	Turks and Caicos Islands	6 000
Trinidad and Tobago	1 000 000	Virgin Islands (UK)	9 000
United States	195 936 000	Virgin Islands (USA)	50 000
Uruguay	2 749 000		

Source: United Nations, Monthly Bulletin of Statistics, February 1968, Demographic Yearbook, 1966, Population and Vital Statistics Reports, Statistical Papers, Series A, October 1967.

TABLE B. ESTIMATED POPULATION OF REPORTING AREAS IN SEVEN COUNTRIES, 1966

Country	Population	Country	Population
Bolivia	1 862 000	Peru	6 087 000
El Salvador	2 277 000	Venezuela	6 221 000
Honduras	1 359 000		
Paraguay	1 093 000	Surinam	311 000

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