

INDEXED

REPORTED CASES OF NOTIFIABLE DISEASES
IN THE AMERICAS
1964



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WORLD HEALTH ORGANIZATION

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REPORTED CASES OF NOTIFIABLE DISEASES IN THE AMERICAS, 1964

CORRIGENDA

The numbers of reported cases shown for the following diseases in Tables I-VI pertain to the entire country of Peru. The rates in Tables I and II were erroneously calculated using the population of the reporting area.

Given below are the numbers of reported cases of these diseases in the reporting area with the appropriate corrected rates.

Reported Cases of Notifiable Diseases with Rates per 100,000 Population
in the Reporting Area of Peru, 1964

Disease	Number	Rate	Disease	Number	Rate
Amebiasis	2 235	41.4	Leprosy	50	0.9
Ankylostomiasis	2 074	38.4	Measles	17 730	328.5
Brucellosis (undulant fever)	833	15.4	Meningococcal infections	79	1.5
Diphtheria	47	0.9	Poliomyelitis, acute	553	10.2
Dysentery, bacillary, other and unspecified	19 572	362.6	Rabies	12	0.2
Encephalitis, acute infectious	146	2.7	Scarlet fever	332	6.2
Gonococcal infection	7 535	139.6	Syphilis	3 320	61.5
Hepatitis, infectious	2 890	53.5	Tetanus	239	4.4
Hydatidosis	134	2.5	Trachoma	15	0.3
Influenza	36 317	672.8	Tuberculosis	24 041	445.4
Leishmaniasis	697	12.9	Typhoid and paratyphoid fevers	5 191	96.2
			Whooping cough	17 914	331.9

Source: Las Enfermedades Transmisibles en el Perú, 1964, Ministry of Public Health and Social Welfare. (Population of reporting area is given as 5 398 000.)

The footnotes in Tables III, IV, V and VI referring to the reporting area of Peru should be deleted since the data shown are for the entire country.

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525 Twenty-Third Street, N.W.
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FOREWORD

This report of notifiable diseases in the Americas for 1964 is the fourth annual publication in the series. As in previous years efforts have been made to publish the data provided by the health services as promptly as possible. It is hoped that this will increase their value to health officials.

In the introduction to the present report attention is directed to two parasitic diseases - schistosomiasis and Chagas' disease - which are endemic in many areas of the Americas and are frequent causes of chronic debilitating conditions. Each of these two diseases is estimated to affect more than six million people in the Region. There is insufficient information about these diseases. Better and more extensive case reporting would help to fill this gap and could lead to improvements in the control of the diseases.

Another disease highlighted in the report is German measles which has not been notifiable in many countries. The inclusion of this disease in reporting systems for notifiable diseases is being proposed as a result of its serious consequences in pregnant women. General notification of diseases presenting special problems such as German measles would provide a basis for establishing eventual control measures.

I wish to express my appreciation for the continued cooperation of the Ministries of Health in the provision of the data for these reports.



Abraham Horwitz
Director

REPORTED CASES OF NOTIFIABLE DISEASES IN THE AMERICAS, 1964

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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

For the control or eradication of communicable diseases with a wide geographical distribution or a high potential for spread, international exchange of data is often indispensable. In the Americas the international exchange of information regarding communicable diseases was initiated in 1902 and has since progressed steadily. The current procedures for the international reporting of such diseases follow the provisions of the *International Sanitary Regulations* (1) and the *Pan American Sanitary Code* (2). These procedures are described in detail in a *Guide for the Reporting of Statistical Information in the Health Field*.

This report which covers the year 1964 is the seventh in a series of publications on reported cases of notifiable diseases in the Americas. The first three issues in the series included data for the years 1946-1955, 1949-1958 and 1959-1960⁽⁴⁾. Beginning with the year 1961 the reports have been prepared annually⁽⁵⁾ in order to provide the health workers concerned with more current data.

The present report is based mainly on summary data for 1964 provided by the national health authorities in response to a joint annual questionnaire from the Pan American Health Organization and Headquarters of the World Health Organization. In addition use has been made of provisional returns received through weekly or

monthly reporting procedures in a few instances in which final annual data for 1964 could not be obtained.

There exists in each country a system for reporting the important communicable diseases - the notifiable diseases - within its territory. These national reporting systems differ in the diseases included, in operating procedures and in the degree of completeness of reporting. The six quarantinable diseases, namely, cholera, plague, louse-borne relapsing fever, smallpox, louse-borne typhus and yellow fever are notifiable in all countries by international agreement. The other diseases to be notified in a country are determined by national laws or regulations.

Mortality data may contribute materially to an understanding of the epidemiology of many communicable diseases. Beginning in 1961 such data derived from national death registration systems have therefore been included in the reports whenever available.

The information on cases and other indices of zoonoses in animals has mainly been supplied by the Veterinary Service of the Ministries of Health or of Agriculture. In some instances when direct information from these Services was not available data have been taken from the annual publication of the International Office of Epizootics.

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- (1) *International Sanitary Regulations*, Third Annotated Edition, WHO, 1966
 - (2) *Pan American Sanitary Code*, included in Official Documents No. 65, PASB, March, 1966
 - (3) *Guide for the Reporting of Statistical Information in the Health Field*, PASB Misc. Pub. No. 78, 1964
 - (4) *Reported Cases of Notifiable Diseases in the Americas, 1946-1955*, PASB Sc. Pub. No. 38
Reported Cases of Notifiable Diseases in the Americas, 1949-1958, PASB Sc. Pub. No. 48
Reported Cases of Notifiable Diseases in the Americas, 1959-1960, PASB Sc. Pub. No. 58
 - (5) *Reported Cases of Notifiable Diseases in the Americas, 1961*, PASB Sc. Pub. No. 86
Reported Cases of Notifiable Diseases in the Americas, 1962, PASB Sc. Pub. No. 102
Reported Cases of Notifiable Diseases in the Americas, 1963, PASB Sc. Pub. No. 114

ORGANIZATION OF REPORT

The report includes seven main tables (I-VII) containing the available data for each country and territory in the Region of the Americas. In Tables I and II are shown the total numbers of reported cases of notifiable diseases in 1964 with rates per 100,000 population. For comparison the corresponding numbers of cases reported for 1963 and the medians for the five-year period 1959-1963 are given. When data are not available for every year of this period, medians are based on fewer years in the period, that is either four or three years.

Distributions of reported cases by month of occurrence are shown for selected diseases in Table III. The age distributions of reported cases of some diseases appear in Table IV. The occurrence of the quarantinable diseases and of leprosy, malaria and yaws is presented by major political divisions of each country in Table V. Table VI contains data on cases of zoonoses in man and animals. Numbers of registered deaths from notifiable diseases in 1964 are given in Table VII.

Two appendix tables provide population figures for 1964. Estimated midyear populations for all countries and territories of the Americas are shown in Appendix Table A; these estimates are based

on figures published by the United Nations. Table B gives estimated populations of reporting areas in four countries and one other area, as provided by the national health authorities.

In the Introduction a short analysis is presented of the occurrence of selected diseases in the Region. This analysis is illustrated by Summary Tables 1-8 and Figures 1-14. In one section of the analysis data are presented for purposes of comparison for three regions of the Americas, Northern, Middle and South. Northern America includes Canada, the United States, Bermuda and St. Pierre and Miquelon. Middle America comprises Mexico, Central America, Panama and the Caribbean Republics and islands. The countries and territories of South America and the Falkland Islands make up the third region. This division into three regions is in accordance with that used by the United Nations, except that Greenland being a part of the European Region of WHO is excluded.

In each of the seven main tables of the report the diseases are arranged in alphabetical order. The category number of the *International Classification of Diseases* is given in parenthesis after the name of each disease.

COMPLETENESS OF REPORTING

A number of factors have to be considered in any interpretation of data on reported cases of notifiable diseases. One important factor is incomplete reporting. The extent to which cases are reported depends among other things on the availability of medical attention and the adequacy of national and local reporting systems. The degree of underreporting may vary widely both among and within countries; it tends to be substantial where medical personnel and facilities are rela-

tively scarce and travel and communication are difficult as is the case in many rural areas in the Americas. For diseases with an appreciable case fatality some estimate of the degree of underreporting may be obtained by comparing the number of reported cases and registered deaths. Excessive ratios of deaths to cases are common in areas with substantial underreporting.

A factor to be kept in mind in the evaluation of the time trend of a particular

disease is the effect of a special program for the control or eradication of the disease. A malaria eradication campaign or a tuberculosis control program, for instance, may initially lead to a substantial increase in the number of cases reported.

Both the evaluation of time trends and the comparison of reported incidence in different areas may be affected by variations in the criteria for diagnosis or in the definition of cases.

REPORTING AREAS

In some countries of the Americas reporting of notifiable diseases other than the quarantinable ones is limited to a "reporting area." The reporting area 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 (communities reporting for every month of the year, for instance). In 1964 reporting areas existed in Honduras, Paraguay, Peru, Venezuela and Surinam.

Population estimates for these reporting areas are given in Appendix Table B. The proportion of the total population included in the reporting areas in 1963 and 1964 is shown in Table 1.

There has been little change in these proportions from 1963 to 1964 except in Honduras where the coverage of the re-

Table 1. Percentage of Population Included in Reporting Areas of Five Countries and One Other Area of the Americas, 1963 and 1964

Country	1963	1964
Colombia	94	
Honduras	49	60
Paraguay	58	56
Peru	44	47
Venezuela	68	68
Surinam	92	91

porting system increased from 49 to 60 per cent of the population. Colombia for the first time in 1964 reported cases for the entire country. The health authorities in Surinam stated that the reporting system excludes the population in the interior. Rabies continued to be reported on a nation-wide basis in Peru and Venezuela.

QUARANTINABLE DISEASES

International agreements require the national health services in the Americas to report promptly all cases of the quarantinable diseases to both the Pan American Sanitary Bureau and Headquarters of the World Health Organization.

Five of the six quarantinable diseases occur in the Americas, namely, plague, smallpox, louse-borne relapsing fever,

louse-borne typhus and jungle yellow fever. Cholera has not been present for over fifty years. Moreover in recent years louse-borne relapsing fever has occurred only sporadically in the Region and in 1963 and 1964 no case of this disease was reported.

The distribution of cases by country and disease in 1963 and 1964 is shown in Table 2.

Table 2. Reported Cases of Quarantinable Diseases by Country, in the Americas, 1963 and 1964

Country	1963				1964			
	Plague	Small-pox	Typhus, louse-borne	Yellow fever	Plague	Small-pox	Typhus, louse-borne	Yellow fever
Total	423	7 126	465	141	653	3 218	279	98
Argentina	-	-	-	-	-	a) 13	-	-
Bolivia	53	-	141	81	49	5	64	13
Brazil	39	b) 6 211	-	-	285	b) 2 673	-	13
Chile	-	-	11	-	-	-	4	-
Colombia	-	4	2	10	-	21	1	10
Ecuador	258	45	259	-	194	c) 42	80	-
Mexico	-	-	39	-	-	-	86	-
Paraguay	-	-	-	-	-	7	-	-
Peru	72	865	13	49	125	454	44	60
United States	1	-	-	-	-	-	-	-
Uruguay	-	d) 1	-	-	-	d) 3	-	-
Venezuela	-	-	-	1	-	-	-	2

(a) Including 10 imported cases.

(b) Excluding data for the territories.

(c) Hospital data.

(d) Imported.

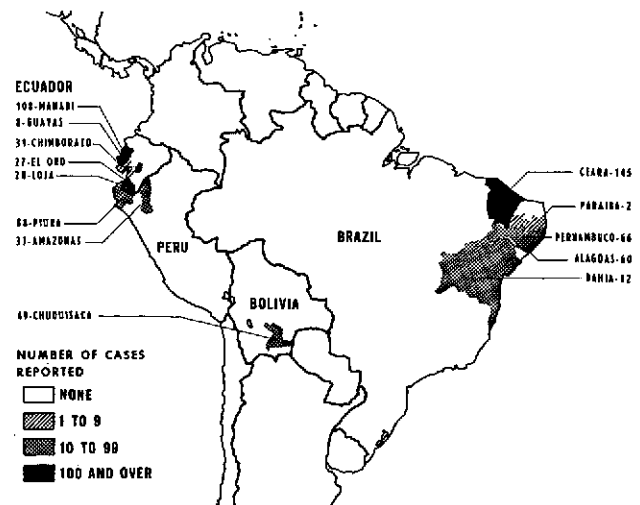
a. Plague

After a slight decline in 1963 the upward trend of plague notifications resumed in 1964 with 653 cases compared to 423 in the previous years. All of these cases were reported from the four South American countries with large areas in which plague is enzootic among wild rodents. (Figure 1.)

Brazil, with 285 cases showed the largest increase. The cases occurred in the northeastern part of the country in the states of Alagoas, Bahia, Ceará, Paraíba and Pernambuco. The highest incidence was observed in the months of September and October.

In Ecuador the number of reported cases declined from 258 in 1963 to 195, chiefly due to decreases during the first part

Figure 1
REPORTED CASES OF PLAGUE BY MAJOR POLITICAL DIVISIONS OF EACH COUNTRY, IN THE AMERICAS, 1964



of the year. In the last four months of the year there were recrudescences in the provinces of El Oro, Loja and Manabí and a neighboring area of Guayas Province was affected. In Peru 125 cases were notified in outbreaks in the Departments of Amazonas and Piura.

An outbreak in a rural area of the Department of Chuquisaca accounted for the 49 cases reported from Bolivia. In the United States as a result of surveillance activities, a plague-infested chipmunk was found in San Mateo County, State of California.

b. Smallpox

In 1964, as in previous years, Brazil accounted for the largest part of the notifications of smallpox in the Americas. The number of cases reported was, however, substantially lower in 1964 than in the previous year, 2673 compared to 6211. A large-scale vaccination program was started in 1962 and by the end of September 1964 about 26 per cent of the target population of 46 million had been vaccinated.

Large numbers of cases continued to be reported in the Amazon region of Peru. Cases also appeared in Bolivia and Paraguay, two countries from which smallpox had been eradicated by vaccination campaigns in 1958-1960. Five cases were reported in Bolivia and seven in Paraguay, the first since 1960 in both countries.

In Colombia where a vaccination campaign was carried out in 1957-1961 a total of 21 confirmed cases was reported.

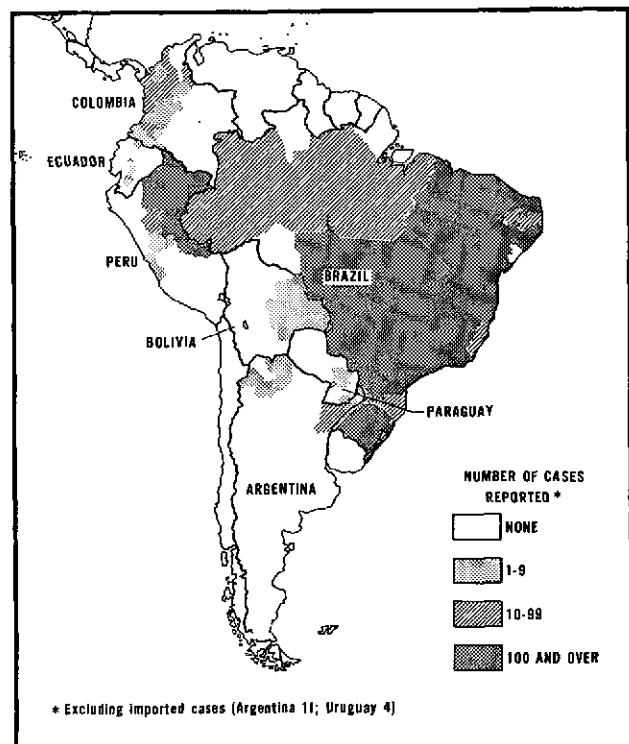
Notifications of smallpox in Ecuador in 1964 were based on hospital records and consisted of 42 clinical cases not confirmed by laboratory examinations. Also there were 61 deaths attributed to smallpox in reports received from the National Office of Statistics.

There were two instances of imported infection in northern Argentina, three im-

ported cases being notified in Jujuy Province and seven imported cases and one secondary case in Corrientes Province. In addition two isolated cases of undetermined origin were notified in the provinces of Misiones and Salta. Three imported cases were reported in northern Uruguay.

The geographical distribution of the cases of smallpox notified during the three years 1963-1965 is shown in Figure 2. The distribution is over a vast area covering nearly all of Brazil as well as adjoining regions of Peru. Within this area all political divisions are affected, many reporting more than 100 cases during the three-year period. Most of the countries bordering this area are also affected: Colombia, Ecuador, Bolivia and Paraguay.

Figure 2
REPORTED CASES OF SMALLPOX BY MAJOR POLITICAL DIVISIONS OF EACH COUNTRY IN THE AMERICAS, THREE-YEAR PERIOD 1963-1965



c. Louse-borne Typhus

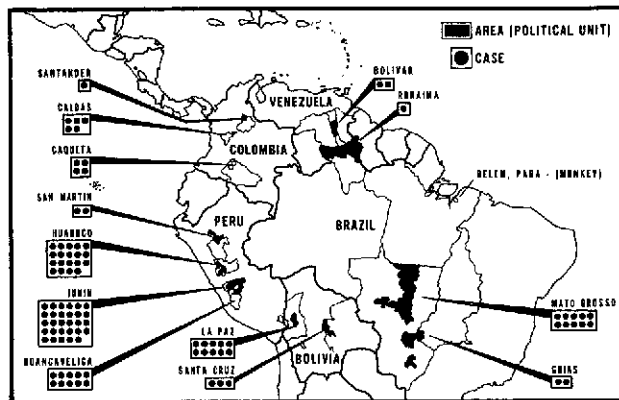
The decline in reported cases continued in 1964. During the year 279 cases were reported as compared to 465 in 1963. As before, all notifications were from the mountainous areas of Mexico and the Andean region of South America. The largest outbreak, with 58 cases, occurred in a rural locality in the State of Oaxaca, Mexico.

d. Jungle Yellow Fever

In 1964 jungle yellow fever continued to be reported from the same four countries of northern and central South America as in the preceding year: Bolivia, Colombia, Peru, and Venezuela. In addition the disease was again notified in Brazil. The total number of cases reported decreased from 141 in 1963 to 98 in 1964.

In Brazil the yellow fever virus showed a southward spread from the Amazon river basin into the States of Goiás and Mato Grosso. Human cases were reported in central Mato Grosso and southwestern Goiás in April and by the end of the year 12 confirmed fatal cases had occurred in nine localities extending almost to the Paraguayan border on the south. The last reported invasion of Goiás and Mato Grosso by the virus was recorded in 1957-1959. A further confirmed fatal case was reported

Figure 3
REPORTED CASES OF JUNGLE YELLOW FEVER BY POLITICAL
DIVISIONS OF EACH COUNTRY, AND LOCATION,
IN THE AMERICAS, 1964



in Roraima Territory in Northern Brazil. Yellow fever virus was also isolated from a monkey during virus studies in a forest outside of Belem, State of Para.

Only 13 cases were notified in Bolivia during 1964 as compared with 81 in the previous year. The cases occurred in areas of the Departments of La Paz and Santa Cruz, which had been affected in 1963.

In Peru the number of notifications increased to 60 including 46 fatal cases. The only new area affected was Taycaja Province in the Department of Huancavelica.

Ten confirmed fatal cases were reported in Colombia, the same number as in 1963. The cases occurred in the Magdalena river basin in the Departments of Caldas and Santander and the Intendency of Caqueta. In Venezuela two confirmed fatal cases occurred in the Orinoco river basin in Bolivar State in January 1964.

BRUCELLOSIS

All but one of the countries on the mainland of the continent reported cases of brucellosis in 1964. In addition two of the five countries in the Caribbean area reported the disease. Five countries provided data on cases in man only while four reported on animal brucellosis only (Figure 4).

Altogether 4903 cases in humans were reported in the Region. The largest numbers were in Argentina (2102), Mexico (1335), Peru (842) and the United States (411). The trend of human cases during the decade 1955-1964 is shown in Table 3 for selected countries.

There has been a marked and steady decrease throughout the decade in the United States and since 1960 in Canada reflecting the effort of the eradication programs conducted in these countries. Argentine also shows a clear downward trend. On the other hand increases are noted in Colombia, Cuba and Peru; these can probably be ascribed to improved case reporting.

Brucellosis in animals was reported by 15 countries and two other areas in 1964. No data were available for five countries reporting cases in man: Argentina, Colombia, Cuba, Paraguay and Peru. Three of these countries, however, provided data on animal brucellosis in 1963.

Figure 4

REPORTED CASES OF BRUCELLOSIS IN MAN AND ANIMALS, IN THE AMERICAS, 1964

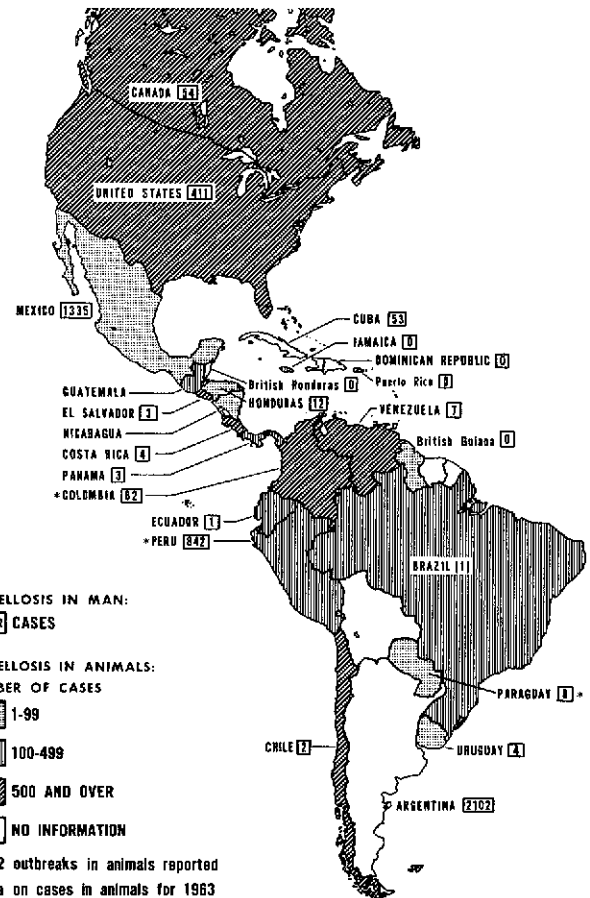


Table 3. Reported Cases of Brucellosis in Man in Eight Countries of the Americas, 1955-1964

Country	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964
Argentina	3 565	3 398	2 741	2 747	1 968	1 362	1 133	...	1 146	2 102
Canada	122	141	120	113	120	142	109	98	57	54
Colombia	17	11	6	12	12	11	9	11	71	62
Cuba	6	1	4	2	8	5	16	35	37	53
Mexico	1 096	1 218	921	1 220	1 579	1 356	2 001	1 339	1 121	1 335
Peru (a)	445	639	880	522	696	843	1 433	963	848	842
United States	1 445	1 301	984	926	893	751	636	409	407	411
Venezuela (a)	14	17	16	19	4	12	15	3	6	7

(a) Reporting area

CHAGAS' DISEASE

Chagas' disease or American trypanosomiasis is widely distributed in many rural areas of Latin America where conditions favor the vector-borne transmission of its causative agent, *Trypanosoma cruzi*.

In 1964 close to 2,500 cases of Chagas' disease were reported in ten countries of the Americas. About two-thirds of the cases were notified in Argentina (1,592). Other countries reporting large numbers of cases were Venezuela (423) and Guatemala (305). The geographical distribution of the notifications in 1964 is shown in the map in Figure 5. Data for 1963 have been used for three countries: Paraguay (data for 1964 not available) and Peru and Venezuela (data by major political divisions not available for 1964).

Figure 5
REPORTED CASES OF CHAGAS' DISEASE BY MAJOR POLITICAL DIVISIONS OF EACH COUNTRY, IN THE AMERICAS, 1964

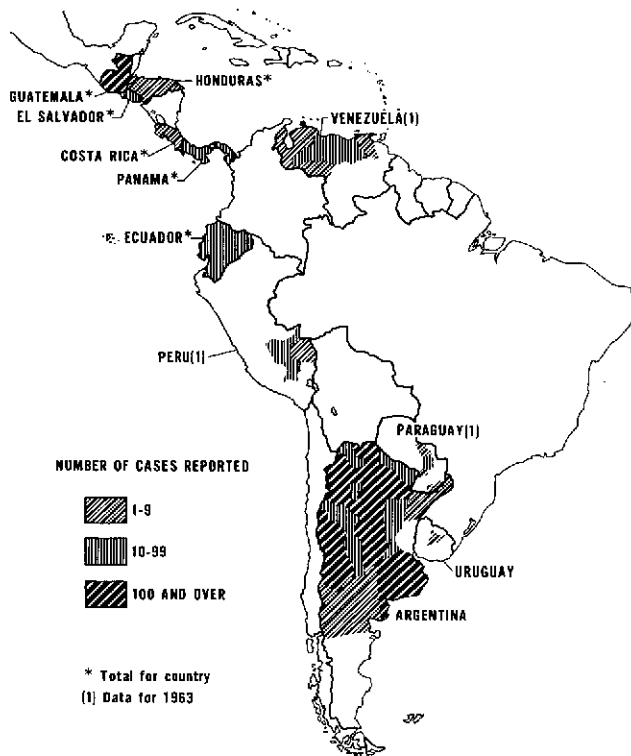
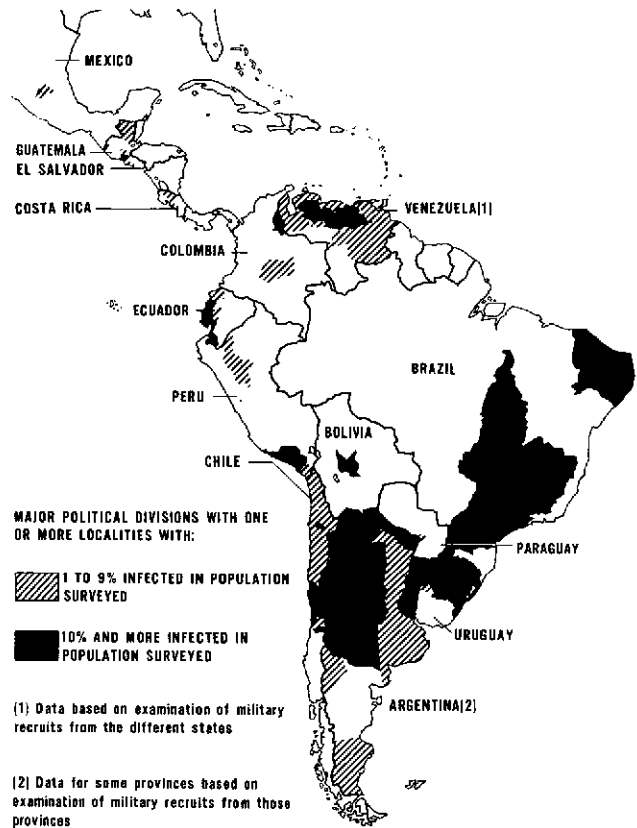


Figure 6
RESULTS OF SURVEYS OF INFECTION WITH *TRYPANOSOMA CRUZI* BY MAJOR POLITICAL DIVISIONS OF EACH COUNTRY, 1950-1964



Sources: *Epidem. vital Statist. Rep.* Vol. 15, No. 6, 1962; Herrero, A. & Morales, J. *Rev. Med. exp. (Lima)* Vol. 9, 1955; Rosenbaum, M. & Cerisola, J. A., *Pren. méd. argent.* Vol. 44, No. 35, 1957; Naquira, F. et al., *Bol. chil. Parasit.* Vol. 16, No. 2, 1961; Bejeran, J. F. et al., *Rev. Asoc. méd. Fuerzas Armadas* Vol. 3, No. 3, 1962; Alencar, J. E. et al., *Rev. bras. Malar.* Vol. 15, No. 4, 1963; Peñalver, L., *Publ. No. 3, Instituto de Enferm. Trop. Rodolfo Robles*, 1963; Salgado, A. A. & Pelegrino, J., *Abstracts of 7th International Congresses on Trop. Medicine & Malariology*, 1963; Mora, M. *Rev. venez. Sanid.* Vol. 29, No. 4, 1964.

The reporting of Chagas' disease is highly incomplete in many parts of the Americas. This is illustrated by the map in Figure 6 which is based on survey data. The map shows the major political divisions in which surveys of one or more localities or areas have revealed evidence

of infection with *T. cruzi* in man. The most striking discrepancy between this map and that of reported cases is for Brazil. While no cases were notified in this country, survey data indicate that the disease is endemic in large areas. From the limited data available it has been estimated that several million people are infected in Brazil, nearly three-quarter million in Argentina and about half a million in Venezuela. Information is not available on the extent to which more recent control programs with insecticidal spraying directed against the triatomid vectors of the disease have reduced human infection.

Of particular health importance are the long-term effects of the disease. High frequencies of chronic cardiopathies have been associated with infection with *T. cruzi* primarily in Brazil but also in Argentina and Venezuela. More complete notification of the disease is needed to throw light on

these and other problems. Recommendations were made to the Fourth Advisory Committee on Medical Research of the Pan American Health Organization that "steps be taken to register all cases of the disease by a system of notification and registration in each area to include all cases showing evidence of infection by positive responses to diagnostic tests as well as those diagnosed clinically, radiologically or by morbid anatomic evidence as infected by *Trypanosoma cruzi*" and that "longitudinal studies be conducted in affected areas to assess the prognosis and the significance of a positive complement fixation test in otherwise asymptomatic cases and to assess the prognosis and rate of progression of the diseases in cases exhibiting clinical evidence of Chagasic disease, and to determine the effects of repeated exposure to infection by triatomid vectors."

GONOCOCCAL INFECTION

Gonococcal infection has shown varying trends in the countries of the Americas over the past ten years, 1955-1964 (Figure 7). In the two North American countries - Canada and the United States - increases in the reported incidence of the diseases have occurred, beginning around 1957-1959. In the countries of Middle and South America both decreasing and increasing trends are observed.

A large part of the cases of gonococcal infection occur in adolescents and young adults. As shown in Table 4 the age-group 15-24 years accounts for about half of the total number of reported cases.

Relatively more cases are reported in males than in females. In the six countries for which data by sex are available for 1963-1964 the ratio of male cases to

Table 4. Reported Cases of Gonococcal Infection by Age with Percentage Distribution, in Four Countries of the Americas, 1962-1964

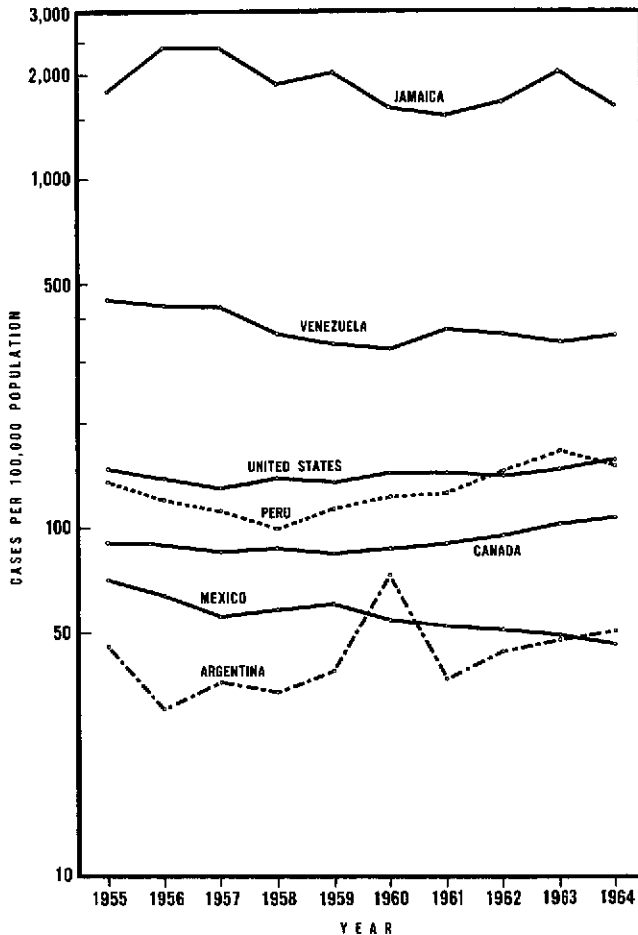
Country	All ages (a)	0 - 14		15 - 24		25 and over	
		Number	Per cent	Number	Per cent	Number	Per cent
Costa Rica	6 234	372	6.0	2 901	46.5	2 961	47.5
Jamaica (b)	60 616	959	1.6	33 916	56.0	25 741	42.4
Peru (c)	20 909	1 904	9.1	10 423	49.8	8 582	41.0
United States	842 664	12 533	1.5	463 191	55.0	366 940	43.5

(a) Excluding cases with age not stated: Costa Rica 58; Jamaica 1 832, and Peru 2 647.

(b) Data for 1963-1964 only.

(c) Data for reporting area.

Figure 7
**REPORTED CASES OF GONOCOCCAL INFECTION PER
 100,000 POPULATION IN SEVEN COUNTRIES OF THE
 AMERICAS, 1955-1964**



female cases ranges from 1.3 to 3.6 (Table 5). The difference in reported cases between the sexes is probably to a large extent due to the relative difficulty of diagnosing gonorrhoea in females.

Table 5. Reported Cases of Gonococcal Infection by Sex in Six Countries of the Americas, 1963-1964

Country	Total cases (a)	Male	Female	Ratio Male/Female
Canada	38 824	27 659	11 165	2.5
Colombia (b)	93 236	53 140	40 096	1.3
Jamaica	60 641	34 148	26 493	1.3
Panama (c)	1 136	699	437	1.6
Trinidad and Tobago (c)	14 208	11 132	3 076	3.6
United States	578 956	433 216	145 740	3.0

(a) Excluding cases with sex not stated: Canada 1 215; Colombia 278, and Jamaica 1 807.

(b) Data for reporting area for 1962-1963.

(c) Data for 1962-1963.

MEASLES

During the past decade there has been a marked reduction in reported cases of measles in Northern America. As shown in Table 6 the incidence fell from 381.5 per 100,000 population in 1954-1955 to 221.9 per 100,000 in 1963-1964. Deaths decreased relatively less from 0.27 to 0.21 per 100,000. For South America available data for a group of five countries indicate a clear upward trend of both reported cases and deaths, the latter increasing more rapidly than the former. Improved reporting of cases and better death certification may be reasons for these increases. In Middle

America there has been little change apart from a moderate increase in reported cases.

As a result of the changes in the case rates South America in 1963-1964 showed the highest level of measles morbidity, the level in this region being about 50 per cent higher than in Northern America and about twice as high as in Middle America (in 1962-1963). The changes in death rates further increased the existing striking difference in level of measles mortality between the two southern regions and Northern America. At the end of the decade death rates in Middle

Table 6. Average Annual Reported Cases and Deaths from Measles with Rates per 100,000 Population in the Three Regions of the Americas, 1954-1955 and 1963-1964

Region	Cases				Deaths				Reported cases per death (a)	
	Number		Rate		Number		Rate		1954-1955	1963-1964
	1954-1955	1963-1964	1954-1955	1963-1964	1954-1955	1963-1964	1954-1955	1963-1964		
Northern America	623 662	421 620	381.5	221.9	434	392	0.27	0.21	1 413	1 057
Middle America	48 254	b)74 710	116.2	b)138.7	8 644	b)10 633	20.3	b)19.6	6	b) 7
South America	66 275	119 694	254.5	332.9	2 282	6 230	7.9	15.8	32	21

Note: Date refer to 1 country in Northern America, 7 countries and 1 other area in Middle America, and 5 countries in South America.

(a) Ratios based on rates since areas of notification and death registration differed in 5 countries.

(b) 1962-1963 average.

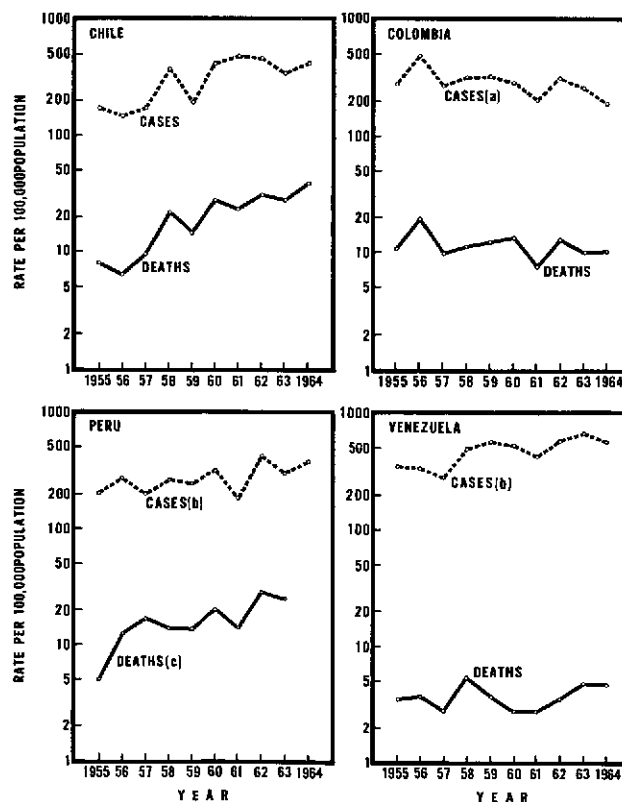
and South America were seventy-five to ninety times higher than in Northern America. This excessively high mortality is reflected in the ratio of cases to deaths. While there were 1 057 reported cases per death in Northern America in 1963-1964 there were only 7 and 21 reported cases per death in Middle America and South America. The corresponding ratios at the beginning of the decade were 1 413, 6 and 31, respectively. It is clear that measles continues to present an excessive case fatality in many countries of Latin America.

The trend of cases and deaths over the past decade is shown separately for four South American countries in Figure 8. For three of these countries both the curves for cases and those for deaths show an upward trend: in Peru and Chile the upward trend is more pronounced for deaths than for cases while in Venezuela the opposite is true. For the fourth country, Colombia, a decrease in the case rate and to a lesser extent in the death rate is observed.

In Figure 9 reported cases and deaths per 100,000 population are given by age group for four countries in the Americas for the six years 1959-1964. Only the three

Figure 8

REPORTED CASES AND DEATHS FROM MEASLES PER 100,000 POPULATION IN FOUR COUNTRIES OF THE AMERICAS, 1955-1964



(a) Reporting area until 1963 inclusive

(b) Reporting area

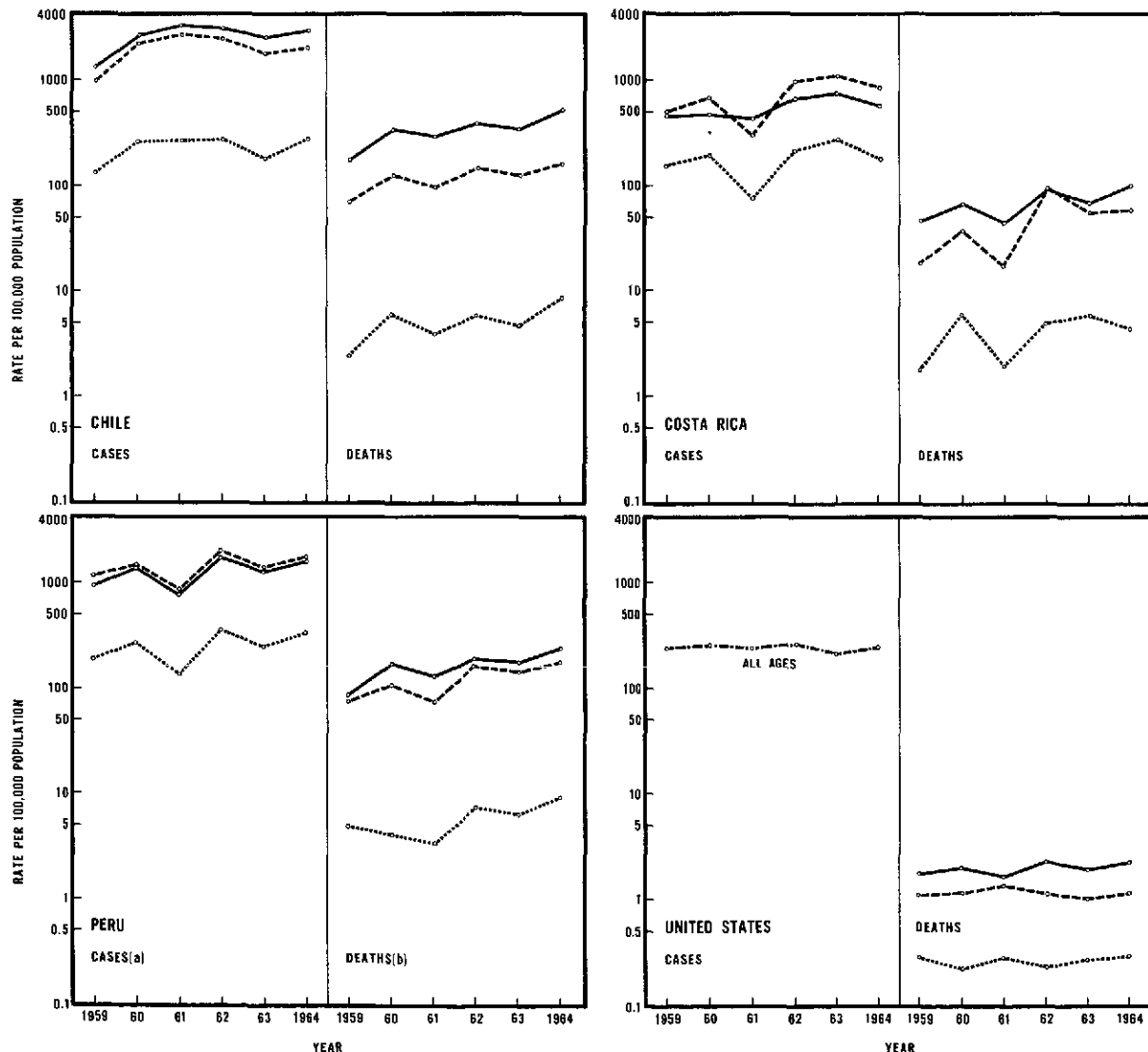
(c) Principal cities 1955-1960, districts with medical certification from 1961-1963

youngest age groups are included: under 1 year, 1-4 years and 5-14 years. In all countries the death rates are highest for infants, next highest for pre-school children and lowest for school-age children, the largest difference in rates being between the two oldest age groups. However, for all three age groups the death rates in the Latin American countries are far in excess of those in the United States. This excess decreases markedly with age. In Chile, for in-

stance, the death rate for infants is 100 to 200 times higher than in the United States while the death rate for school-age children is ten to thirty times higher.

Case rates by age are shown only for the Latin American countries. For the United States data by age are not available and case rates for all ages combined are given instead. As regards the United States the curve for case rates (all ages) runs at

Figure 9
 REPORTED CASES AND DEATHS FROM MEASLES PER 100,000 POPULATION,
 BY AGE, IN FOUR COUNTRIES OF THE AMERICAS, 1959-1964



[a] Reporting area

[b] Principal cities 1959-1960; Districts with medical certification 1961-1964

Note: Under 1 year of age, per 100,000 live births [except Peru]

— Under 1 year
 - - - 1-4 years
 ····· 5-14 years

a much higher level than the curves for death rates. In the other countries there is much less difference between the curves for case rates and those for death rates especially for infants. In Peru for instance the case rates are only about eight times higher than the death rates in infants, about ten to fifteen times higher in pre-school children and forty times higher in school-age children. This indicates that the very high death rates from measles observed in young children and particularly in children under 5 years of age in many Latin American countries largely reflect a high case fatality. Underreporting of cases may be relatively more frequent in the youngest age groups in these countries but this could

explain only part of the low ratio of cases to deaths.

In recent years the protection of children against measles by means of vaccination has become a definite possibility. A live-attenuated measles vaccine was licensed for general use in the United States early in 1963. In Chile, a country with a high childhood mortality from measles, this vaccine has been used on an increasing scale since May 1963. About 15,000 children were vaccinated during the latter half of that year and 227,101 vaccinations were reported for 1964. An evaluation of the effect of this program should soon become possible.

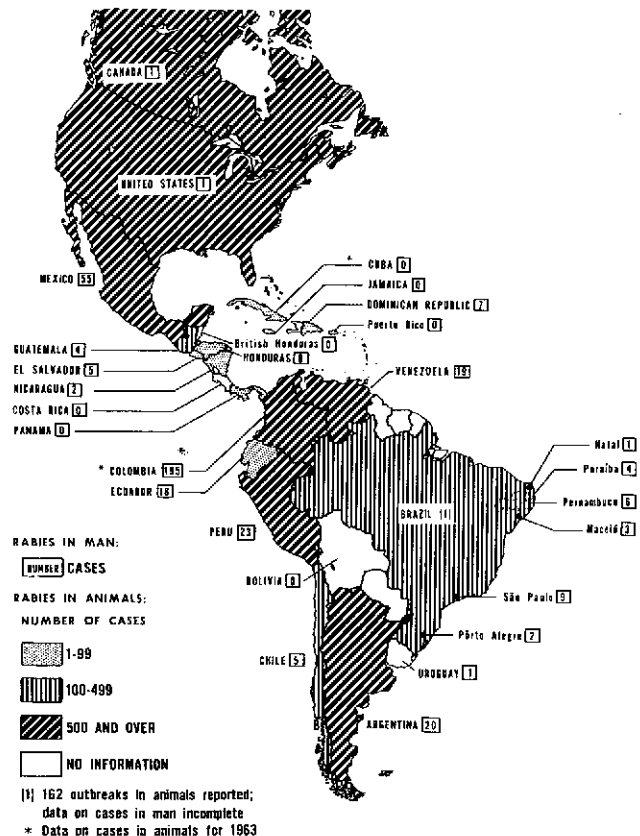
RABIES

Rabies is present in almost all countries of the Americas. In 1964 eighteen of the 24 countries as well as one other area reported cases of rabies in man or animals (Figure 10). There were 364 notifications of rabies in man as compared with 304 in 1963 and 205 in 1962. The marked upward trend is almost entirely accounted for by Colombia which reported over half of the total number of cases in 1964. The rapid increase in notifications in this country, from 34 cases in 1962 to 195 cases in 1964, may indicate a change in the definition of a case; to this points the fact that the number of registered deaths from rabies has shown no corresponding increase, 35 deaths being reported in 1962 and 40 deaths in 1964. This discrepancy between the numbers of cases and deaths is not reasonable and should be corrected. Appreciable numbers of human cases were also reported by Mexico (55), Peru (23), Argentina (20), Ecuador (18) and Venezuela (19). From Brazil 25 cases were reported based on incomplete data from two states and four state capitals. In Uruguay one human case was reported, the first in 18 years.

Seven countries did not report on rabies in animals in 1964. In four of these countries cases had been reported

in previous years: Colombia, Costa Rica, Paraguay, and Trinidad and Tobago.

Figure 10
REPORTED CASES OF RABIES IN MAN AND ANIMALS IN THE AMERICAS, 1964



RUBELLA (GERMAN MEASLES)

Rubella or German measles is an infectious disease of widespread, often epidemic, occurrence chiefly affecting children. To the patient the disease is of relatively little concern, being mild and self-limiting. However, evidence has accumulated indicating that rubella infection in women in early pregnancy entails a comparatively high risk of congenital malformation in the offspring. As a result increasing importance is being attached to the reporting of the disease. In the United States, for instance, the Biennial Conference of State and Territorial Epidemiologists recently recommended that rubella be placed on the list of nationally reportable diseases, effective January 1, 1966.

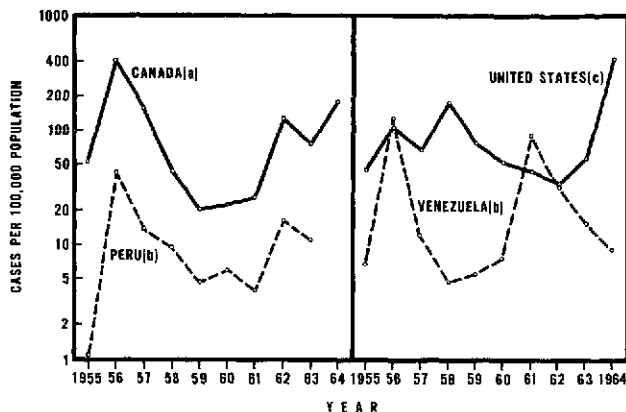
In 1963 and 1964 about half of the countries in the Americas reported rubella. Available data for these two years are shown in Table 7 (only countries and other areas

Table 7. Reported Cases of Rubella (German Measles) with Rates per 100,000 Population in Countries and Other Areas of the Americas, 1963 and 1964

Country	1963		1964	
	Number(a)	Rate	Number(a)	Rate
Argentina	2 143	9.9	4 863	22.1
Canada (b)	5 272	76.7	12 985	185.7
Chile	428	5.2	600	7.1
Cuba	48	0.7	109	1.5
El Salvador	342	12.6	1 812	64.2
Guatemala	109	2.6	196	4.6
Honduras (c)	105	10.5	956	76.7
Panama	156	13.3	106	8.8
Peru (c)	519	10.8	...	...
United States(d)	59 478	54.7	431 292	391.2
Uruguay	177	6.7	2 838	105.8
Venezuela (c)	503	9.1	...	...
Bermuda	3	6.4	171	356.2
Puerto Rico	70	2.8	884	34.2

(a) Provisional data for Canada, Cuba, El Salvador, Guatemala, Honduras, Panama, Uruguay and Bermuda.
 (b) Provinces of Alberta and Quebec.
 (c) Reporting area.
 (d) 30 States and District of Columbia.

Figure 11
 REPORTED CASES OF RUBELLA (GERMAN MEASLES) PER 100,000 POPULATION IN FOUR COUNTRIES OF THE AMERICAS, 1955-1964



(a) Provinces of Alberta and Quebec. (b) Reporting area. (c) 23 states and District of Columbia.

reporting more than ten cases in either year are included). For most countries provisional data, derived from weekly returns, are shown. Revised annual figures are available only for a few countries as rubella is not included in the joint WHO/PAHO annual questionnaire sent to national health administrations. Many countries show a substantial increase in number of reported cases between 1963 and 1964. For several countries five to tenfold and even larger increases are observed indicating that 1964 was an epidemic year in many areas of the Americas. Case rates exceeding 50 per 100,000 population were reported by five countries and one other area in 1964. The highest rates were in the United States and Bermuda, 391.2 and 356.2 per 100,000, respectively.

The trend of rubella over the past decade is shown in Figure 11 for four countries, two in South America and two in Northern America. The curves for case rates for these countries are all irregular in shape presenting sharp peaks at varying intervals. It seems that at least two epidemics of rubella have occurred in each country during the past decade. The curves for Peru and Venezuela run at a lower level than those for the United States and Canada.

This may indicate a higher degree of under-reporting in the two South American countries.

As regards the age and sex distribution of the reported cases only very lim-

ited data are available. As the health importance of rubella infection is limited to women of childbearing age information on the proportion of cases occurring in this age-sex group would be of particular value.

SCHISTOSOMIASIS

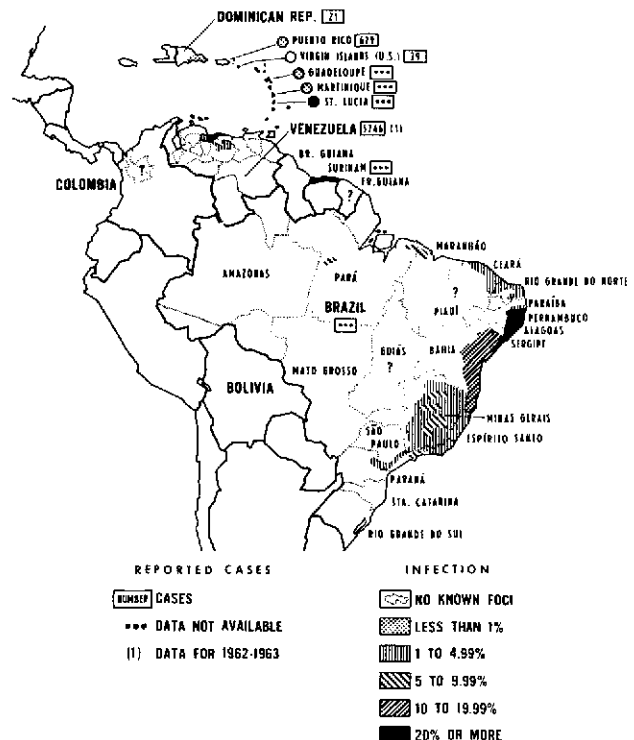
Schistosomiasis, caused by *Schistosoma mansoni*, is an important health problem in some parts of Middle and South America. Available data from surveys and other sources indicate that the disease is endemic in north-central Venezuela, in the coastal region of Surinam, in large areas of Brazil and on several islands in the Caribbean (Fig. 12).

During the two-year period 1963-1964, 6425 cases of the disease were reported in Middle and South America. Of these about 90 per cent were reported in Venezuela(1) and nearly all of the remainder in two areas in the Caribbean; Dominican Republic (21) and Puerto Rico (629). In the United States 662 cases were notified in New York State which were not indigenous.

It is evident from the map in Figure 12 that the reporting of schistosomiasis covers but a limited part of the endemic area of the disease. In South America neither Brazil nor Surinam reported cases. In the former country the number of persons infected with *S. mansoni* has been estimated at 4 to 6 million.(2) In the Caribbean area only two of the five countries and islands with endemic schistosomiasis were reporting cases of the disease. It is estimated that more than 300,000 persons are infected with *S. mansoni* in this area. Schistosomiasis, a chronic debilitating disease, affects the productivity of the patients and the economy. Efforts are

being made to control the disease through the interruption of the cycle of the parasite and the destruction of the snail which is an intermediate host. Development of good case reporting in all areas is essential and would undoubtedly contribute to these efforts.

Figure 12
REPORTED CASES OF SCHISTOSOMIASIS IN TWO-YEAR PERIOD 1963-1964 AND DISTRIBUTION AND INTENSITY OF INFECTION WITH SCHISTOSOMIASIS MANSONI* IN THE AMERICAS.



* Source: PAHO Document Res 2.6.29 April 1963 [Schistosomiasis in the Americas]

(1) Data for 1962-1963.

(2) PAHO document RES 2/6 Schistosomiasis in the Americas (29 April 1963) p. 9.

SYPHILIS

During the past decade the trend of total syphilis morbidity has changed in many areas in the Americas. In most of the countries for which data are shown in Figure 13 a more or less marked downward trend is observed during the first part of the decade. However, except in a few countries, this decreasing trend levels off or is reversed by the middle of the decade.

Data limited to cases of early syphilis are presented in Figure 14 for the second half of the decade, 1960-1964. In four of the five countries there is an increase in the reported incidence of early syphilis ranging from 30 per cent in the United States to about 800 per cent in Puerto Rico. Most of the increase occurs between 1960

Figure 13

REPORTED CASES OF SYPHILIS, ALL FORMS, PER 100,000 POPULATION IN SEVEN COUNTRIES AND OTHER AREAS OF THE AMERICAS, 1955-1964

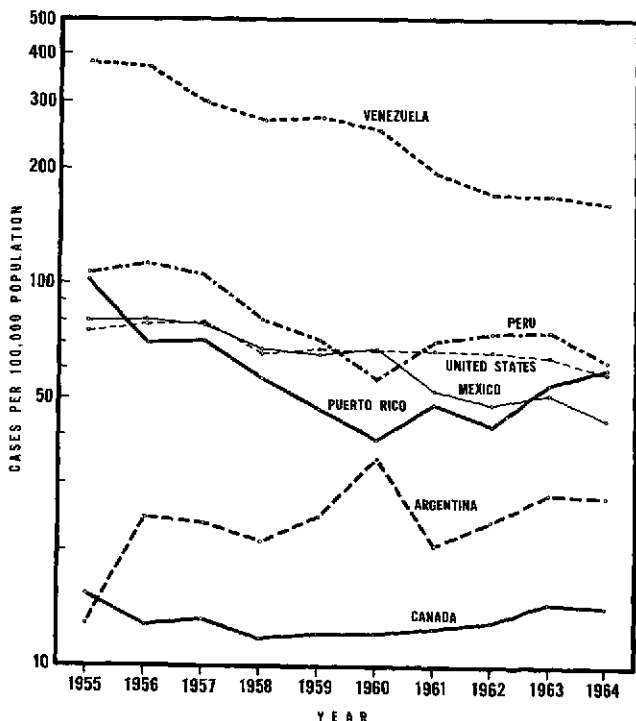
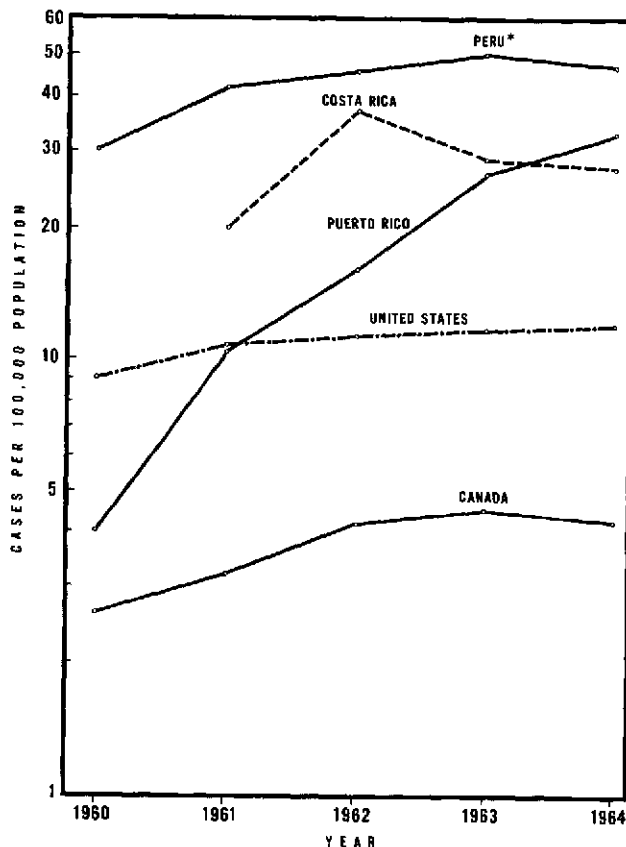


Figure 14
REPORTED CASES OF EARLY SYPHILIS PER 100,000 POPULATION IN FIVE COUNTRIES AND OTHER AREAS OF THE AMERICAS, 1960-1964



* Including congenital syphilis

and 1963. In the United States and in Puerto Rico the upward trend continued in 1964 but at a reduced rate. In Peru and Canada the trend seems to reverse in 1964.

Distributions by sex of reported cases of syphilis are available for some countries in the Americas. For early syphilis there is a marked male excess, the ratio of male cases to female cases varying between 1.7 and 2.5 (Table 8). This is believed to be due to more visible symptoms of disease among males in the early stages. The ratio of male to females for total syphilis is much lower approaching unity in several countries.

Table 8. Reported Cases of Syphilis by Sex in Six Countries of the Americas, 1963-1964

Country	Early Syphilis				Syphilis, all forms			
	Total cases	Male	Female	Ratio M/F	Total cases	Male	Female	Ratio M/F
Canada	a) 1 629	1 170	459	2.5	b) 5 416	3 373	2 043	1.7
Colombia (c)	...	...	...	...	14 992	7 674	7 318	1.0
Jamaica	885	574	311	1.8	4 072	2 317	1 755	1.3
Panama (d)	...	...	...	...	570	244	326	0.7
Trinidad and Tobago (d)	85	55	30	1.8	712	392	320	1.2
United States	45 219	28 463	16 756	1.7	238 451	131 629	106 822	1.2

(a) Excluding 33 cases with sex not stated.

(b) Excluding 140 cases with sex not stated.

(c) Data for 1964 only.

(d) Data for 1962-1963.

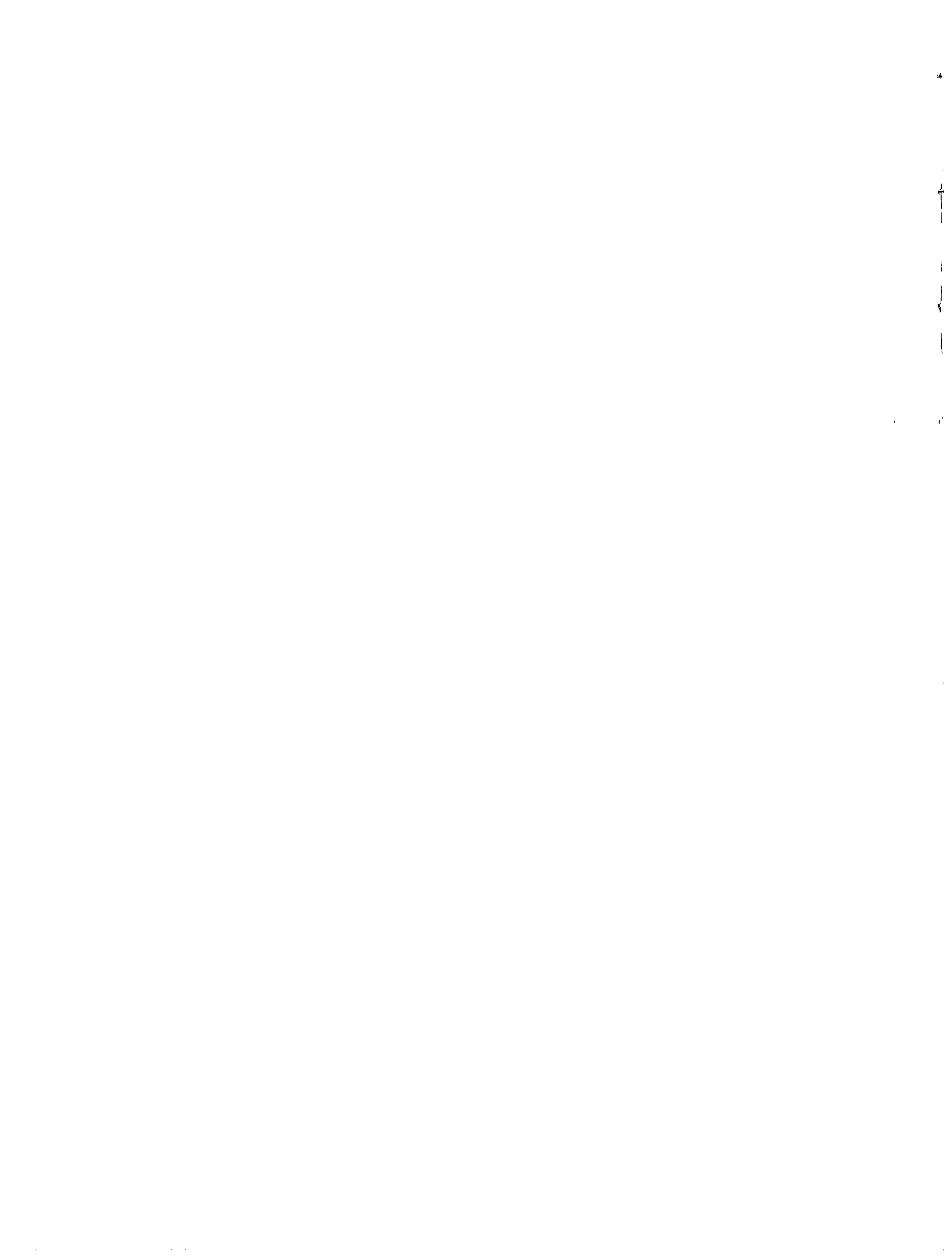


TABLE I. REPORTED CASES OF CERTAIN NOTIFIABLE DISEASES WITH RATES PER
100,000 POPULATION IN THE AMERICAS, 1964

Area	Amebiasis (046)				Ankylostomiasis (129)				Anthrax (062)			
	1959-63	1963	1964		1959-63	1963	1964		1959-63	1963	1964	
	Median	Number	Number	Rate	Median	Number	Number	Rate	Median	Number	Number	Rate
Argentina	1840	1177	2090	9.5	2572	13836	11294	51.3	214	247	269	1.2
Bolivia	*	...	...	...	...	...	...	...	...	...	...	...
Brazil	...	...	...	...	...	...	...	...	...	...	...	...
Canada	7	20	50	0.3	*	*	*	*	-	-	-	-
Chile	454	253	307	3.6	*	-	-	-	277	277	232	2.7
Colombia	a)71618	*	...	...	a)53696	*	...	...	a)7	a)43	42	0.2
Costa Rica	1317	2105	2348	169.3	714	714	972	70.1	4	4	12	0.9
Cuba	53	1493	1368	18.4	...	*	...	...	*	-	-	-
Dominican Republic	1746	1235	1245	36.1	32084	...	13667	395.9	-	-	-	-
Ecuador	*	*b)1059	...	...	...	b)2611	...	...	...	b)3	...	...
El Salvador	...	2056	4227	149.7	...	1362	2232	79.0	...	98	114	4.0
Guatemala	...	...	...	...	...	1116	...	...	...	*	*	*
Haiti	521	...	591	13.0	378	...	...	...	63	...	51	1.1
Honduras (a)	...	...	18049	1448.6	...	9c)80259	6441.3	...	...	-	1	0.1
Jamaica	7	31	16	0.9	159	159	342	19.8	-	-	-	-
Mexico	35791	35791	31155	78.6	24239	26129	...	...	147	120	71	0.2
Nicaragua	...	462	...	...	...	...	...	...	...	...	...	...
Panama	333	810	731	60.4	3168	3175	2753	227.5	-	16	3	0.2
Paraguay (a)	...	...	...	...	17035	14760	13437	1221.5	16	11	1	0.1
Peru (a)	3341	2364	2771	52.3	3474	2721	2255	42.5	67	40	58	1.1
Trinidad and Tobago	...	*30	*-	...	2394	*567	*187	...	...	*	...	...
United States	3048	2886	3304	1.7	*	*d)6965	13.6	...	12	3	5	0.0
Uruguay	...	...	...	...	-	-	-	-	54	45	46	1.7
Venezuela (a)	21873	25335	27337	475.2	24935	...	...	...	14	1	9	0.2

Antigua	-	...	...	...	53	101	*	*	-	-	-	-
Bahama Islands	...	245	b)151	...	...	25b)12	...	...	...	b)	...	...
Barbados	-	-	-	-	*	*	*	*	*	*	*	*
Bermuda	...	...	...	...	...	...	...	...	...	...	...	...
British Guiana	...	...	108	17.1	...	...	*272	...	...	...	...	...
British Honduras	12	3	22	21.4	-	*	*	*	-	-	-	-
Canal Zone	3	6	9	16.7	-	-	...	...	-	-	...	...
Cayman Islands	...	-	-	-	...	...	...	...	...	-	...	...
Dominica	...	280	192	295.4	...	891	...	...	...	*	*	*
Falkland Islands	-	...	...	...	-	...	...	...	...	...	...	...
French Guiana	12	-	...	...	...	-	-	-	-	-	-	-
Grenada	7	...	...	...	*	...	...	...	...	...	...	...
Guadeloupe	1	3	-	-	...	...	...	...	...	...	...	...
Martinique	-	-	...	...	*	-	...	...	...	...	...	...
Montserrat	...	...	-	-	...	...	-	-	...	...	-	-
Netherlands Antilles	...	...	...	...	*	*	*	*	*	*	*	*
Puerto Rico	4	3	1	0.0	-	*	-	-	-	-	-	-
St. Kitts-Nevis and Anguilla	...	-	...	...	-	-	...	...	-	-	...	...
St. Lucia	-	-	...	...	...	-	...	...	-	-	...	...
St. Pierre and Miquelon	...	...	...	...	-	...	...	...	...	...	...	...
St. Vincent	...	...	...	...	...	...	...	...	...	...	...	...
Surinam (a)	...	...	4	1.4	...	...	*	*	...	-	-	-
Turks and Caicos Islands	...	...	-	-	-	-	...	...	-	-	-	-
Virgin Islands (UK)	...	...	...	...	...	...	...	...	...	...	...	...
Virgin Islands (US)	6	-	2	4.9	54	73	102	248.8	-	-	...	...

(a) Reporting area.

(b) Hospital data.

(c) Including infection with worms of other, mixed, and unspecified type (130).

(d) Data for 13 states; not nationally notifiable.

TABLE I. REPORTED CASES OF CERTAIN NOTIFIABLE DISEASES WITH RATES PER
100,000 POPULATION IN THE AMERICAS, 1964

Area	Brucellosis (undulant fever) (044)				Diphtheria (055)				Dysentery, bacillary, other and unspecified (045, 047, 048)				
	1959-63	1963	1964		1959-63	1963	1964		1959-63	1963	1964		
	Median	Number	Number	Rate	Median	Number	Number	Rate	Median	Number	Number	Rate	
Argentina	1 254	1 146	2 102	9.5	2 852	3 983	3 118	14.2	9 232	28 590	35 157	159.6	
Bolivia	...	...	...	...	9	62	208	5.7	18 a)	11 b)	18 b)	0.5
Brazil	...	...	...	...	...	c) 3 058	...	...	...	b, d) 1 006	...	...
Canada	109	57	54	0.3	71	76	25	0.1	3 238	4 145	3 841	20.0	
Chile	6	6	2	0.0	2 022	1 520	1 196	14.1	56	42	63	0.7	
Colombia	d) 11	d) 71	62	0.4	d) 1 065	d) 696	646	3.7	a, d) 1 986	*	...	...
Costa Rica	2	1	4	0.3	124	88	95	6.8	1 435	2 406	1 926	138.9	
Cuba	16	37	53	0.7	923	923	640	8.6	...	a) 7 a)	15	0.2	
Dominican Republic	-	-	-	-	378	512	358	10.4	a) 1 048	16 550	15 984	463.0	
Ecuador	*	* e)	1	...	354	335	223	4.6	*	* e)	452	...	
El Salvador	d) 12	9	3	0.1	d) 102	257	303	10.7	...	1 036	1 022	36.2	
Guatemala	...	*	*	*	45	29	89	2.1	b) 8 766	b) 8 766	b) 9 263	215.2	
Haiti	...	...	...	...	54 ≠	28 ≠	19	0.4	1 012	...	≠ 371	8.2
Honduras	...	...	d) 12	1.0	5 d)	7 d)	5	0.4	...	...	d) 4 666	374.5
Jamaica	-	-	-	-	77	108	21	1.2	224	160	115	6.7	
Mexico	1 356	1 121	1 335	3.4	712	488	419	1.1	a) 5 219	a) 4 151	a) 3 809	9.6	
Nicaragua	...	...	...	...	24	10	12	0.8	...	345	...	...
Panama	1	1	3	0.2	48	126	92	7.6	570	523	470	38.8	
Paraguay (d)	2	6	8	0.7	42	35	38	3.5	b) 1 214	b) 1 018	...	...
Peru (d)	848	848	842	15.9	57	24	53	1.0	17 905	17 905	23 113	436.1	
Trinidad and Tobago	-	...	...	...	82	69	67	7.1	...	* 1 457	* 1 902	...
United States	636	407	411	0.2	617	314	293	0.2	a) 12 571	a) 13 009	a) 12 984	6.8	
Uruguay	2	3 ≠	4	0.1	83	105 ≠	207	7.7	b) 3 b)	9 ≠ b)	3	0.1	
Venezuela (d)	6	6	7	0.1	586	453	312	5.4	87 650	71 035	64 460	1 120.6	
- - -													
Antigua	-	-	-	-	-	-	-	-	a) 40	b) 133	b) 14	22.6	
Bahama Islands	...	- e)	-	...	-	-	-	-	...	4 e)	17	...	
Barbados	*	*	*	*	1	10	5	2.1	-	-	-	-	
Bermuda	...	...	-	-	-	≠	-	-	...	...	-	-
British Guiana	...	*	-	-	20	29	38	6.0	b) 274	b) 252	135	21.4	
British Honduras	-	-	≠	-	9	-	≠	-	34	10	≠ 261	253.4	
Canal Zone	-	-	...	...	-	-	≠	-	9	7 ≠ a)	4	7.4
Cayman Islands	...	-	≠	-	-	-	≠	-	-	-	-	-	
Dominica	...	*	*	*	-	-	≠	1	1.5	b) 875	631	≠ 1 261	1 940.0
Falkland Islands	-	...	...	...	-	...	...	...	-	...	...	...
French Guiana	-	-	-	-	-	-	-	-	...	16 b)	9	25.0	
Grenada	-	...	...	...	-	...	...	...	...	...	...	...
Guadeloupe	-	...	-	-	2 ≠	12	5	1.6	...	≠ a)	1	-	
Martinique	-	-	-	...	12	12	≠ 1	0.3	-	-	-	...	
Montserrat	...	...	-	-	...	...	-	-	...	...	4	(30.8)
Netherlands Antilles	*	*	*	*	8	1	3	1.5	a) 1 530	a) 1 986	a) 1 201	585.9	
Puerto Rico	-	1	-	-	58	15	13	0.5	a) 10	a) 10	a) 2	0.1	
St. Kitts-Nevis and Anguilla	-	-	...	...	1	-	≠ 2	3.2	b) 180	66	≠ b) 164	264.5
St. Lucia	-	-	...	...	-	12	≠ 1	1.1	b) 157	97	≠ 43	46.7
St. Pierre and Miquelon	...	...	...	...	-	...	≠	-	...	...	...	...
St. Vincent	...	...	...	...	...	...	...	...	...	...	...	...
Surinam (d)	-	-	-	-	4	-	-	-	...	...	...	...
Turks and Caicos Islands	*	-	≠	-	-	-	≠	-	...	...	≠ 76	1 266.7
Virgin Islands (UK)	...	...	...	...	-	...	...	...	...	...	...	...
Virgin Islands (US)	-	-	...	...	-	-	≠	-	a) 10	a) -	≠ a) 5	12.2

(a) Bacillary dysentery (045).

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

(c) Data for Federal District, States of Guanabara and Pernambuco, and capitals of 10 other states.

(d) Reporting area.

(e) Hospital data.

TABLE I. REPORTED CASES OF CERTAIN NOTIFIABLE DISEASES WITH RATES PER
100,000 POPULATION IN THE AMERICAS, 1964

Area	Encephalitis, acute infectious (082)				Gonococcal infection (030-035)				Hepatitis, infectious (092)			
	1959-63	1963	1964		1959-63	1963	1964		1959-63	1963	1964	
	Median	Number	Number	Rate	Median	Number	Number	Rate	Median	Number	Number	Rate
Argentina	496	579	648	2.9	9 389	10 310	11 051	50.2	2 402	2 447	2 931	13.3
Bolivia	1	1	-	-	92	62	78	2.1	1	...	...	...
Brazil	...	a) 99	...	...	...	...	...	...	...	a) 424	...	...
Canada	b) 9	b) 57	b) 5	0.0	16 460	19 411	20 628	107.2	c) 10 077	c) 10 077	c) 8 218	42.7
Chile	90	83	120	1.4	*	* 1 392	* 902	...	249	249	618	7.3
Colombia	d) 102	d) 339	230	1.3	d) 47 229	d) 46 285	e) 41 872	240.4	*	*	...	...
Costa Rica	8	14	11	0.8	2 237	2 227	1 828	131.8	321	684	695	50.1
Cuba	26	38	32	0.4	372	787	866	11.6	554	4 659	5 249	70.6
Dominican Republic	-	-	-	-	...	14 028	17 347	502.5	...	188	2	0.1
Ecuador	...	51	f) 13	...	...	...	f) 71	...	...	...	f) 91	...
El Salvador	d) -	-	...	...	d) 3 222	4 354	2 909	103.0	d) 248	994	1 069	37.9
Guatemala	...	2	11	0.3	3 226	3 848	3 274	76.1	*	*	*	*
Haiti	4	≠	≠	-	4 736	≠ 3 849	≠ 3 491	76.7	80	...	≠ 138	3.0
Honduras	8	d) 24	d) 18	1.4	4 618	d) 3 463	d) 357	28.7	...	...	d) 252	20.2
Jamaica	4	2	5	0.3	27 516	34 228	28 220	1 633.1	164	100	71	4.1
Mexico	b) 18	b) 18	31	0.1	18 882	18 784	18 367	46.3	3 025	2 961	2 940	7.4
Nicaragua	...	...	...	...	766	629	1 942	121.6	...	...	...	...
Panama	1	6	b) 8	0.7	603	649	625	51.7	...	135	185	15.3
Paraguay (d)	29	39	29	2.6	473	473	396	36.0	197	182	99	9.0
Peru (d)	53	53	151	2.8	6 852	8 086	7 978	150.5	2 333	2 451	3 211	60.6
Trinidad and Tobago	-	1	6	0.6	4 494	7 978	* 3 574	...	6	...	* 4	...
United States	g) 2 248	g) 1 993	2 002	1.0	263 708	278 289	300 667	157.1	c) 42 974	c) 42 974	c) 37 740	19.7
Uruguay	32	36	≠ 17	0.6	227	227	≠ 81	3.0	...	...	≠ 1 338	49.9
Venezuela (d)	74	b) 10 145	b) 11 540	200.6	18 800	18 910	20 652	359.0	*	*	*	*
Antigua	-	-	-	-	156	117	105	169.4	-	-	1	1.6
Bahama Islands	-	3	1	0.7	329	17	236	176.1	...	9	f) 14	...
Barbados	*	*	*	*	*	*	*	*	*	*	*	*
Bermuda	-	≠	-	-	102	≠ 138	217	452.1	5	≠ 8	6	12.5
British Guiana	...	*	*	*	* 2 382	* 5 910	* 2 114	...	...	*	*	*
British Honduras	-	1	≠	-	328	*	*	*	1	3	≠	-
Canal Zone	-	-	-	-	67	94	280	518.5	c) 17	c) 14	≠ 13	24.1
Cayman Islands	-	-	-	-	4	4	≠ 37	411.1	...	1	≠	-
Dominica	-	-	-	-	...	225	≠ 281	432.3	...	6	≠ 12	18.5
Falkland Islands	-	...	...	...	10	...	...	...	2	...	...	...
French Guiana	-	-	-	-	166	129	82	227.8	...	-	-	-
Grenada	-	...	...	...	781	1 014	...	...	-	...	...	...
Guadeloupe	-	≠	-	-	2	≠	6	2.0	...	...	-	-
Martinique	-	-	-	-	-	-	≠ 5	1.6	-	-	...	...
Montserrat	...	...	...	...	...	...	13	100.0	...	...	1	(7.7)
Netherlands Antilles	*	*	*	*	*	*	*	*	*	*	*	*
Puerto Rico	-	18	1	0.0	2 719	2 570	2 840	109.9	c) 949	c) 949	c) 1 159	44.9
St. Kitts-Nevis and Anguilla	1	-	≠	-	419	223	≠ 87	140.3	19	19	...	...
St. Lucia	-	-	*	*	1 635	716	≠ 1 093	1 188.0	...	-	...	...
St. Pierre and Miquelon	-	...	≠	-	...	...	≠ 4	(80.0)	...	...	...	...
St. Vincent	...	...	...	...	...	...	...	...	...	...	...	...
Surinam (d)	-	...	...	...	...	...	2 017	683.7	...	...	...	...
Turks and Caicos Islands	-	-	≠	-	64	95	≠ 23	383.3	-	-	≠ 1	(16.7)
Virgin Islands (UK)	...	...	...	...	...	...	...	...	...	...	...	...
Virgin Islands (US)	-	-	≠	-	95	≠ 193	263	641.5	c) 1	c) 3	...	...

(a) Data for Federal District, States of Guanabara and Pernambuco, and capitals of 10 other states (9 other states for infectious hepatitis).

(b) Arthropod-borne encephalitis (082.0).

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

(d) Reporting area.

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

(f) Hospital data.

(g) Including post-infectious encephalitis.

TABLE I. REPORTED CASES OF CERTAIN NOTIFIABLE DISEASES WITH RATES PER 100,000 POPULATION IN THE AMERICAS, 1964

Area	Influenza (480-483)				Leprosy (080)				Malaria (110-117)				
	1959-63	1963	1964		1959-63	1963	1964		1959-63	1963	1964		
	Median	Number	Number	Rate	Median	Number	Number	Rate	Median	Number	Number	Rate	
Argentina	45245	49640	49139	223.1	458	734	1502	6.8	4973	825	a)	550	2.5
Bolivia	861	373	932	25.5	21	18	5	0.1	517	215		73	2.0
Brazil	...	b) 39053	...	...	6696	c) 1067	c) 5324	6.9	a) 45410	a) 111417	a) 11278	141.2	
Canada	*	*	...	...	1	3	2	0.0	1	1		2	0.0
Chile	10288	31865	9175	108.0	-	-	-	-	-	-	-	-	-
Colombia	d) 82971	d) 73266	68137	390.2	d) 561	d) 292	288	1.6	d) 23081	d) 16226		20340	116.5
Costa Rica	13004	18572	11625	838.1	35	35	28	2.0	a) 1673	a) 1224	a) 1210		87.2
Cuba	1369	15846	7922	106.6	159	159	156	2.1	1119	a) 833	a) 624		8.4
Dominican Republic	63612	63612	69329	2008.4	47	80	43	1.2	8027	8027		6214	180.0
Ecuador	...	...	e) 3616	...	...	...	356	7.3	a) 5557	a) 3857	a) 4694		96.2
El Salvador	d) 15245	31380	23487	831.7	d) 24	13	12	0.4	a) 15433	a) 17846	a) 25857		915.6
Guatemala	14811	15153	17005	395.0	4	8	100	2.3	5563	a) 15116	a) 20401		473.9
Haiti	33553	21773	16749	368.0	10	...	8	0.2	36564	21569	20084		441.3
Honduras	15637	d) 16482	d) 18550	1488.8	2	d) 22	d) 53	4.3	6690	a) 7077	a) 6673		535.6
Jamaica	3663	14242	1251	72.4	25	27	17	1.0	131	6		2	0.1
Mexico	71540	79751	68735	173.4	115	294	1132	2.9	11267	11287	a) 13342		33.7
Nicaragua	1660	1419	3016	188.9	31	31	10	0.6	a) 8722	a) 11700	a) 13016		815.0
Panama	4595	4682	3888	321.3	1	1	8	0.7	3871	2426	1766		146.0
Paraguay (f)	18854	18854	16794	1526.7	392	425	339	30.8	...	a) 3491	a) 8846		453.9
Peru (f)	40023	46775	44773	844.8	78	59	87	1.6	2710	1743	a) 1934		17.1
Trinidad and Tobago	* 5144	* 4377	* 4303	...	47	38	25	2.6	a) 6	-	a) 3		0.3
United States	*	*	*	*	63	103	97	0.1	g) 73	g) 99	g) 93		0.0
Uruguay	7650	10090	1987	74.1	23	19	19	0.7	-	h) 1	1		-
Venezuela (f)	i) 17603	i) 88065	i) 44684	776.8	296	249	183	3.2	1488	a, j) 2390	j) 5215		61.9
Antigua	1100	883	137	221.0	2	1	2	3.2	-	-	-		-
Bahama Islands	30	6	5	3.7	-	2	e) 1	...	3	3	4		3.0
Barbados	-	-	-	-	-	1	1	0.4	-	-	-		-
Bermuda	9	4	-	-	-	...	-	-	-	1	-		-
British Guiana	2744	1888	1635	259.5	39	25	* 14	...	355	495	a) 225		35.7
British Honduras	1119	28	...	...	-	-	-	-	a) 23	a) 17	a) 35		34.6
Canal Zone	*	-	-	-	-	-	...	...	20	4	9		16.7
Cayman Islands	71	71	16	177.8	-	-	-	-	-	-	-		-
Dominica	230	527	164	252.3	-	-	-	-	4	-	-		-
Falkland Islands	5	...	...	...	-	...	...	...	-	...	...		...
French Guiana	-	-	-	-	64	78	48	133.3	7	103	37		102.8
Grenada	...	...	...	...	-	-	...	...	-	-	...		...
Guadeloupe	...	1	-	-	60	57	41	13.4	-	a) 1	-		-
Martinique	-	-	-	-	55	24	46	14.8	-	-	-		-
Montserrat	...	...	20	153.8	...	...	1	7.7	-	...	-		-
Netherlands Antilles	*	*	*	*	5	6	7	3.4	*	*	*		*
Puerto Rico	...	15369	16098	623.0	2	7	-	-	-	-	-		-
St. Kitts-Nevis and Anguilla	427	1233	584	941.9	-	-	...	...	-	-	1		-
St. Lucia	68	68	21	22.8	-	3	4	4.3	a) 3	a) 7	a) 4		4.3
St. Pierre and Miquelon	...	1	-	-	-	...	...	...	-	...	-		-
St. Vincent	124	695	...	...	2	2	...	...	...	...	...		...
Surinam	...	*	...	...	d) 147	d) 201	d) 264	89.5	a) 997	a) 1882	a) 1681		517.2
Turks and Caicos Islands	16	16	-	-	-	-	-	-	-	-	-		-
Virgin Islands (UK)	1	...	...	...	-	...	...	...	-	...	...		...
Virgin Islands (US)	...	...	...	...	1	1	...	...	-	-	-		-

(a) Confirmed cases.

(b) Data for Federal District, States of Guanabara and Pernambuco, and capitals of 10 other states.

(c) Data for Federal District, 18 states and 1 territory in 1963 and 20 states and 2 territories in 1964.

(d) Reporting area.

(e) Hospital data.

(f) Reporting area, except for malaria.

(g) Including cases acquired outside the country.

(h) Imported.

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

(j) Excluding cases acquired outside the country - 463 in 1963 and 669 in 1964.

TABLE I. REPORTED CASES OF CERTAIN NOTIFIABLE DISEASES WITH RATES PER 100,000 POPULATION IN THE AMERICAS, 1964

Area	Measles (085)				Meningococcal infections (057)				Paratyphoid fever (a) (041)			
	1959-63	1963	1964		1959-63	1963	1964		1959-63	1963	1964	
	Median	Number	Number	Rate	Median	Number	Number	Rate	Median	Number	Number	Rate
Argentina	16 428	16 428	53 018	240.8	423	812	893	4.1	...	...	...	...
Bolivia	390	213	415	11.4	9	5	9	0.2	18	...	-	-
Brazil (b)	...	5 486	...	...	...	240	...	...	...	...	...	...
Canada	*	*	...	...	122	111	115	0.6	...	...	...	...
Chile	32 720	28 543	35 941	423.2	96	85	84	1.0	...	...	135	1.6
Colombia	c) 38 226	c) 36 756	32 668	187.1	c) 341	c) 341	462	2.6	...	...	...	...
Costa Rica	2 220	3 806	3 088	222.6	12	10	15	1.1	2	1	4	0.3
Cuba	728	6 799	2 151	28.9	12	17	18	0.2	46	58	65	0.9
Dominican Republic	2 631	4 489	2 344	67.9	-	-	-	-	315	315	242	7.0
Ecuador	...	...	d) 900	...	...	...	d) 3	...	86	...	...	...
El Salvador	c) 4 691	6 876	8 090	286.5	c) -	-	-	-	c) 51	41	35	1.2
Guatemala	1 942	2 548	2 838	65.9	2	5	3	0.1	44	55	32	0.7
Haiti	896	...	≠ 332	7.3	42 ≠	44 ≠	107	2.4	...	≠	≠	-
Honduras	2 015	c) 3 382	c) 5 058	405.9	21 c)	69 c)	24	1.9	56	...	...	...
Jamaica	441	4 207	142	8.2	12	12	15	0.9	-	-	-	-
Mexico	47 367	53 864	73 180	184.6	31	24	31	0.1	2 676	2 857	2 592	6.5
Nicaragua	189	189	559	35.0	1	-	-	-	188	351	139	8.7
Panama	1 101	3 154	481	39.8	10	5	6	0.5	e) 15	3	2	0.2
Paraguay (c)	977	555	740	67.3	8	8	8	0.7	...	...	...	...
Peru (c)	14 530	14 530	20 230	381.7	82	74	94	1.8	...	...	...	...
Trinidad and Tobago	* 1 080	* 2 799	* 285	...	2	1	3	0.3	...	...	-	-
United States	423 919	385 156	458 083	239.4	2 232	2 470	2 826	1.5	e) 8 542	e) 15 390	e) 17 144	9.0
Uruguay	2 077	638	≠ 1 630	60.8	2	2 ≠	2	0.1	4	4 ≠	9	0.3
Venezuela (c)	21 807	36 798	32 627	567.2	10	10	8	0.1	...	...	...	...

Antigua	22	978	1	1.6	-	-	-	-	...	...	...	...
Bahama Islands	4	-	d) 7	...	-	-	4	3.0	1	1	1	0.7
Barbados	*	*	*	*	-	1	1	0.4	-	-	-	-
Bermuda	68 ≠	7	35	72.9	1 ≠	-	-	-	-	≠	1	2.1
British Guiana	334	1 623	8	1.3	...	*	*	*	-	...	*	*
British Honduras	57	371 ≠	47	45.6	-	- ≠	-	-	-	-	≠	1
Canal Zone	93	34	...	...	-	- ≠	-	-	-	-	-	-
Cayman Islands	...	4 ≠	1	(11.1)	1	1 ≠	-	-	-	-	≠	-
Dominica	46	1 178 /	715	1100.0	3	3 ≠	3	4.6	...	...	...	...
Falkland Islands	-	...	...	...	-	...	...	...	...	...	...	...
French Guiana	10	-	8	22.2	-	-	-	-	...	-	-	-
Grenada	2	...	...	...	4	...	...	...	-	-	...	...
Guadeloupe	1 ≠	1	6	2.0	- ≠	-	-	-	-	≠	-	-
Martinique	33	19 ≠	6	1.9	-	- ≠	-	-	...	...	...	...
Montserrat	...	...	1	(7.7)	...	...	-	-	...	...	-	-
Netherlands Antilles	*	*	*	*	*	*	*	*	e) 650	1	e) 593	289.3
Puerto Rico	1 937	1 528	7 535	291.6	11	12	37	1.4	-	-	5	0.2
St. Kitts-Nevis and Anguilla	681	681 ≠	2 540	4096.8	1	1 ≠	-	-	-	-	≠	-
St. Lucia	-	1 344	...	...	-	- ≠	-	-	-	...	≠	-
St. Pierre and Miquelon	-	...	...	...	-	...	≠	-	...	...	≠	-
St. Vincent	263	364	...	...	1	1	...	...	...	...	...	...
Surinam	*	*	*	*	...	...	...	...	...	...	...	...
Turks and Caicos Islands	-	- ≠	-	-	-	- ≠	-	-	...	-	≠	-
Virgin Islands (UK)	-	...	...	...	-	...	...	...	...	...	...	...
Virgin Islands (US)	13	23	...	...	-	- ≠	-	-	e) 4	e) 4	≠	-

(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, except as shown.

(b) Data for Federal District, States of Guanabara and Pernambuco, and capitals of 10 other states.

(c) Reporting area.

(d) Hospital data.

(e) Including other salmonella infections (042).

TABLE I. REPORTED CASES OF CERTAIN NOTIFIABLE DISEASES WITH RATES PER 100,000 POPULATION IN THE AMERICAS, 1964

Area	Plague (058)				Poliomyelitis, acute (080)				Rabies (094)			
	1959-63	1963	1964		1959-63	1963	1964		1959-63	1963	1964	
	Median	Number	Number	Rate	Median	Number	Number	Rate	Median	Number	Number	Rate
Argentina	-	-	-	-	a) 1 082	a) 955	a) 557	2.5	22	32	20	0.1
Bolivia	12	53	49	1.3	3	1	10	0.3	2	1	-	-
Brazil	36	39	285	0.4	...	b) 914	...	...	...	c) 29	...	...
Canada	-	-	-	-	a) 189	a) 123	a) 19	0.1	-	-	1	0.0
Chile	-	-	-	-	456	115	363	4.3	6	2	5	0.1
Colombia	-	-	-	-	d) 234	d) 397	755	4.3	d) 34	d) 137	195	1.1
Costa Rica	-	-	-	-	41	18	10	0.7	-	-	-	-
Cuba	-	-	-	-	288	1	1	0.0	2	2	-	-
Dominican Republic	-	-	-	-	a) 29	a) 357	a) 17	0.5	1	1	7	0.2
Ecuador	105	258	194	4.0	49	a) 189	a) 39	1.8	17	16	18	0.4
El Salvador	-	-	-	-	a,d) 53	a) 95	a) 20	0.7	d) 4	4	5	0.2
Guatemala	-	-	-	-	147	176	74	1.7	3	2	4	0.1
Haiti	-	-	-	-	39	≠ a) 5	≠ a) 23	0.5	≠	≠	-	-
Honduras	-	-	-	-	27	a,d) 27	a,d) 38	3.0	3	d) 3	d) 8	0.6
Jamaica	-	-	-	-	18	15	57	3.3	-	-	-	-
Mexico	-	-	-	-	a) 740	486	a) 404	1.0	42	39	55	0.1
Nicaragua	-	-	-	-	a) 70	a) 151	a) 47	2.9	...	1	2	0.1
Panama	-	-	-	-	27	13	20	1.7	-	-	-	-
Paraguay (e)	-	-	-	-	39	67	40	3.6	2	...	-	-
Peru	72	72	125	1.1	d) 453	d) 581	d) 609	11.5	11	9	23	0.2
Trinidad and Tobago	-	-	-	-	14	15	4	0.4	-	...	...	...
United States	2	1	-	-	1 312	449	122	0.1	2	1	1	0.0
Uruguay	-	-	-	-	50	2	≠ 22	0.8	-	≠	1	0.0
Venezuela	-	-	-	-	a,d) 370	a,d) 316	a,d) 226	3.9	14	24	19	0.2
Antigua	-	-	-	-	-	-	-	-	-	-	-	-
Bahama Islands	-	-	-	-	2	1 a)	53	39.6	-	-	-	-
Barbados	-	-	-	-	6	79	-	-	*	*	*	*
Bermuda	-	-	-	-	≠	-	-	-	≠	-	-	-
British Guiana	-	-	-	-	2	311	-	-	-	-	*	*
British Honduras	-	-	-	-	1	≠	-	-	-	-	≠	-
Canal Zone	-	-	-	-	-	≠	-	-	-	-	≠	-
Cayman Islands	-	-	-	-	-	≠	-	-	-	-	≠	-
Dominica	-	-	-	-	-	≠ a)	1	1.5	-	*	*	*
Falkland Islands	-	-	-	-	-	...	...	...	-	...	...	...
French Guiana	-	-	-	-	-	-	-	-	-	-	-	-
Grenada	-	-	-	-	-	-	...	...	-	1	...	...
Guadeloupe	-	-	-	-	≠	-	-	-	≠	-	-	-
Martinique	-	-	-	-	2	5	≠	-	-	≠	-	-
Montserrat	-	-	-	-	...	...	-	-	...	...	-	-
Netherlands Antilles	-	-	-	-	1	-	-	-	*	*	-	-
Puerto Rico	-	-	-	-	13	5	-	-	-	-	-	-
St. Kitts-Nevis and Anguilla	-	-	-	-	1	2	≠	-	-	-	≠	-
St. Lucia	-	-	-	-	-	-	≠	-	-	-	≠	-
St. Pierre and Miquelon	-	-	-	-	-	...	≠	-	-	...	≠	-
St. Vincent	-	-	-	-	...	...	...	...	...	...	...	...
Surinam (e)	-	-	-	-	a)	40	-	-	-	-	-	-
Turks and Caicos Islands	-	-	-	-	-	-	≠	-	-	-	≠	-
Virgin Islands (UK)	-	-	-	-	-	...	...	...	-	...	...	...
Virgin Islands (US)	-	-	-	-	-	-	≠	-	-	-	≠	-

(a) Paralytic poliomyelitis (080.0, 080.1).

(b) Data for Federal District, States of Guanabara and Pernambuco, and capitals of 10 other states.

(c) Data for capitals of 9 states.

(d) Reporting area.

(e) Reporting area, except for plague.

TABLE I. REPORTED CASES OF CERTAIN NOTIFIABLE DISEASES WITH RATES PER 100,000 POPULATION IN THE AMERICAS, 1964

Area	Relapsing fever (071) (a)				Scarlet fever (050)				Smallpox (084)			
	1959-63	1963	1964		1959-63	1963	1964		1959-63	1963	1964	
	Median	Number	Number	Rate	Median	Number	Number	Rate	Median	Number	Number	Rate
Argentina	-	-	-	-	613	565	766	3.5	6	-	b) 13	0.1
Bolivia	1	...	...	...	14	2	40	1.1	-	-	5	0.1
Brazil	...	...	...	...	...	c) 450	...	...	8 473	6 211	d) 2 673	3.4
Canada	-	-	-	-	e) 13 060	e) 9 920	e) 10 605	55.1	-	-	-	-
Chile	-	-	-	-	2 404	2 404	2 218	26.1	-	-	-	-
Colombia	f) 143	f) 413	24	0.1	f) 160	f) 451	325	1.9	41	4	21	0.1
Costa Rica	-	-	-	-	21	35	17	1.2	-	-	-	-
Cuba	...	-	-	-	3	26	34	0.5	-	-	-	-
Dominican Republic	-	-	-	-	-	-	-	-	-	-	-	-
Ecuador	...	...	g)	...	...	...	g)	2	496	45	g)	42
El Salvador	f)	-	-	-	f)	2	2	3	0.1	-	-	-
Guatemala	-	-	-	-	48	65	39	0.9	-	-	-	-
Haiti	...	...	...	...	≠	≠	-	-	-	-	-	-
Honduras	...	...	f)	-	1	...	f)	-	-	-	-	-
Jamaica	-	-	-	-	10	10	19	1.1	-	-	-	-
Mexico	2	1	...	...	515	628	539	1.4	-	-	-	-
Nicaragua	...	...	...	...	...	...	...	...	-	-	-	-
Panama	-	-	-	-	1	1	9	0.7	-	-	-	-
Paraguay (h)	-	-	-	-	1	1	2	0.2	-	-	7	0.4
Peru (h)	-	-	-	-	234	136	409	7.7	-	865	454	4.0
Trinidad and Tobago	...	...	...	...	...	...	...	-	-	-	-	-
United States	...	...	...	...	e) 334 793	e) 342 161	e) 402 334	210.2	-	-	-	-
Uruguay	...	-	...	...	201	201	≠ 193	7.2	i) 1	i) 1	i) 3	0.1
Venezuela (h)	48	-	-	-	23	3	9	0.2	-	-	-	-
- - -	-	-	-	-	-	-	-	-	-	-	-	-
Antigua	-	-	-	-	-	-	-	-	-	-	-	-
Bahama Islands	-	-	-	-	-	-	191	142.5	-	-	-	-
Barbados	-	...	...	...	*	*	*	*	-	-	-	-
Bermuda	-	...	-	-	3	≠ 4	1	2.1	-	-	-	-
British Guiana	...	...	...	...	-	-	-	-	-	-	-	-
British Honduras	-	≠	-	-	-	≠	-	-	-	-	-	-
Canal Zone	-	-	...	...	e) 3	3	≠ 4	7.4	-	-	-	-
Cayman Islands	...	≠	-	-	-	≠	-	-	-	-	-	-
Dominica	-	-	...	...	-	≠	-	-	-	-	-	-
Falkland Islands	-	...	...	...	-	...	...	...	-	-	-	-
French Guiana	-	-	-	-	-	-	1	2.2	-	-	-	-
Grenada	-	...	...	...	-	...	...	...	-	-	-	-
Guadeloupe	-	...	-	-	≠	2	-	-	-	-	-	-
Martinique	-	-	...	...	-	1	≠	-	-	-	-	-
Montserrat	...	...	...	...	...	...	...	...	-	-	-	-
Netherlands Antilles	-	-	-	-	3	1	-	-	-	-	-	-
Puerto Rico	-	-	...	...	e) 131	49	e) 582	22.5	-	-	-	-
St. Kitts-Nevis and Anguilla	-	-	...	...	-	5	≠	-	-	-	-	-
St. Lucia	-	-	...	...	-	-	≠	-	-	-	-	-
St. Pierre and Miquelon	-	...	...	...	-	...	≠	-	-	-	-	-
St. Vincent	...	...	...	...	...	...	...	...	-	-	-	-
Surinam (h)	-	-	-	-	-	...	...	...	-	-	-	-
Turks and Caicos Islands	-	-	≠	-	-	-	≠	-	-	-	-	-
Virgin Islands (UK)	-	...	...	...	-	...	...	...	-	-	-	-
Virgin Islands (US)	-	...	...	...	-	-	≠	-	-	-	-	-

(a) No case of louse-borne relapsing fever was reported in 1963 or 1964.

(b) Including 10 imported cases.

(c) Data for São Paulo City.

(d) Excluding data for the territories.

(e) Including streptococcal sore throat (051).

(f) Reporting area.

(g) Hospital data.

(h) Reporting area, except for smallpox.

(i) Imported.

TABLE I. REPORTED CASES OF CERTAIN NOTIFIABLE DISEASES WITH RATES PER 100,000 POPULATION IN THE AMERICAS, 1964

Area	Syphilis (020-029)				Tetanus (081)				Trachoma (095)			
	1959-63	1963	1964		1959-63	1963	1964		1959-63	1963	1964	
	Median	Number	Number	Rate	Median	Number	Number	Rate	Median	Number	Number	Rate
Argentina	5 149	6 149	6 195	28.1	508	710	578	2.6	623	369	513	2.3
Bolivia	133	a) 90	a) 124	3.4	9	24	10	0.3	...	...	...	...
Brazil	...	...	...	...	...	b) 1267	...	...	...	...	...	...
Canada	2 311	2 785	2 771	14.4	11	11	15	0.1	*	*	...	...
Chile	* 3 106	* 3 046	* 3 502	...	61	73	59	0.7	4	-	-	-
Colombia	c) 10 835	c,d) 9 789	d) 14 992	85.9	c) 823	c) 1 029	980	5.6	*	*	...	...
Costa Rica	597	1 287	1 170	84.4	63	94	50	3.6	-	-	-	-
Cuba	566	1 691	1 863	25.1	434	434	412	5.5	-	-	-	-
Dominican Republic	7 181	7 113	12 639	366.1	407	472	515	14.9	520	475	645	18.7
Ecuador	...	...	e) 228	...	...	...	e) 355	...	...	...	e) 3	...
El Salvador	c) 6 214	7 797	8 349	295.6	c) 190	420	538	19.1	c)	-	...	...
Guatemala	906	801	1 186	27.5	92	93	80	1.9	*	*	*	*
Haiti	4 944	≠ 3 405	≠ 3 172	69.7	552	...	≠ 644	14.2	16	...	≠ 24	0.5
Honduras	2 285	c) 1 619	c) 1 981	159.0	...	c) 28	c) 77	6.2	*	*	*	*
Jamaica	9 882	2 298	1 774	102.7	114	154	104	6.0	-	-	-	-
Mexico	20 066	20 066	17 697	44.6	1 054	1 054	829	2.1	12	1	3	0.0
Nicaragua	1 514	3 100	1 029	64.4	...	4	50	3.1	...	...	...	...
Panama	200	200	239	19.8	64	89	129	10.7	-	3	3	0.2
Paraguay (c)	1 722	1 816	2 008	182.5	149	143	142	12.9	22	10	6	0.5
Peru (c)	3 679	3 679	3 397	64.1	238	213	266	5.0	5	45	19	0.4
Trinidad and Tobago	487	385	d) * 371	...	4	3	* 2	...	*	*	*	*
United States	124 137	124 137	114 314	59.7	388	325	289	0.2	*	*	f) 1 749	15.5
Uruguay	184	161	≠ 273	10.2	60	60	≠ 67	2.5	1	-	≠ 2	0.1
Venezuela (c)	9 920	9 480	9 533	165.7	651	636	656	11.4	25	21	2	0.0
- - -												
Antigua	230	188	104	167.7	6	11	6	9.7	-	-	-	-
Bahama Islands	28	30	92	68.7	...	12	e) 21	...	...	-	e) -	...
Barbados	*	*	*	*	*	*	*	*	*	*	*	*
Bermuda	10	≠ 23	12	25.0	...	...	1	2.1	-	...	-	-
British Guiana	* 415	* 800	* 236	...	...	2	* 64	...	*	1	1	0.2
British Honduras	654	...	≠ 790	767.0	9	11	...	...	-	*	*	*
Canal Zone	10	10	69	127.8	-	-	...	...	-	-	...	...
Cayman Islands	1	1	≠ -	-	...	≠ -	-	-	...	≠ -	-	-
Dominica	58	114	≠ 77	118.5	...	12	≠ 11	16.9	-	*	*	*
Falkland Islands	-	...	...	...	-	...	...	...	-	...	...	...
French Guiana	83	48	54	150.0	4	1	4	11.1	...	-	-	-
Grenada	608	529	...	...	...	...	...	...	-	...	...	...
Guadeloupe	690	...	460	150.3	10	≠ 8	1	0.3	...	...	-	-
Martinique	9	-	≠ g) 357	115.2	13	14	≠ 10	3.2	-	-	...	...
Montserrat	...	...	11	84.6	...	...	-	-	...	...	*	*
Netherlands Antilles	*	*	*	*	*	*	*	*	*	*	*	*
Puerto Rico	1 106	1 401	1 581	61.2	82	82	165	6.4	...	*	*	*
St. Kitts-Nevis and Anguilla	28	12	≠ 5	8.1	-	-	...	...	-	-	...	...
St. Lucia	608	149	≠ 196	213.0	...	-	...	...	-	-	...	...
St. Pierre and Miquelon	-	...	≠ -	-	...	...	...	...	-	...	...	...
St. Vincent	30	12	...	...	...	...	...	...	-	...	...	...
Surinam	*	* 374	c) 259	87.8	...	h) 44	*	*	...	*	*	*
Turks and Caicos Islands	3	3	≠ -	-	-	1	≠ -	-	-	-	≠ -	-
Virgin Islands (UK)	2	...	...	...	...	...	...	...	-	...	...	...
Virgin Islands (US)	284	284	454	1107.3	-	1	...	...	-	...	...	...

(a) Early syphilis (021).

(b) Data for State of Guanabara and capitals of 6 other states.

(c) Reporting area.

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

(e) Hospital data.

(f) Data for 5 states; not notifiable nationally.

(g) Including data for yaws (073).

(h) Estimated from hospitalized cases and deaths.

TABLE I. REPORTED CASES OF CERTAIN NOTIFIABLE DISEASES WITH RATES PER 100,000 POPULATION IN THE AMERICAS, 1964

Area	Tuberculosis (001-019)				Typhoid fever (a) (040)				Typhus, louse-borne (100)			
	1959-63	1963	1964		1959-63	1963	1964		1959-63	1963	1964	
	Median	Number	Number	Rate	Median	Number	Number	Rate	Median	Number	Number	Rate
Argentina	18 865	24 060	21 101	95.8	1 817	2 012	1 545	7.0	-	-	-	-
Bolivia	1 479	b) 1 365	b) 1 471	40.3	116	62	131	3.6	7	141	64	1.8
Brazil	...	bc) 25 752	...	...	...	d) 4 965	...	...	-	-	-	-
Canada	e) 6 284	e) 5 705	e) 4 541	23.6	276	147	195	1.0	-	-	-	-
Chile	*	*	*	*	4 185	4 185	4 597	54.1	6	11	4	0.0
Colombia	f) 14 162	bf) 13 455	b) 13 128	75.2	f) 12 382	f) 11 971	12 055	69.0	2	2	1	0.0
Costa Rica	613	b) 567	501	36.1	99	85	77	5.6	-	-	-	-
Cuba	2 625	2 768	3 909	52.6	948	420	1 158	15.6	-	-	-	-
Dominican Republic	2 122	2 180	993	28.8	555	1 166	525	15.2	-	-	-	-
Ecuador	5 152	...	g) 2 562	...	2 945	3 010	2 181	44.7	348	259	80	1.6
El Salvador	f) 4 916	6 035	4 544	160.9	...	1 116	1 279	45.3	-	-	-	-
Guatemala	3 647	3 647	3 714	86.3	879	879	1 115	25.9	-	-	-	-
Haiti	3 332	4 557	3 882	84.9	351	395	443	9.7	-	-	-	-
Honduras	1 985	bf) 951	bf) 2 601	208.7	438	f) 646	f) 1 027	82.4	-	-	-	-
Jamaica	495	310	362	20.9	259	259	214	12.4	-	-	-	-
Mexico	13 801	17 868	b) 15 834	39.9	6 173	5 980	5 568	14.0	89	39	86	0.2
Nicaragua	581	344	1 241	77.7	291	335	174	10.9	-	-	-	-
Panama	1 423	1 330	1 549	128.0	41	11	36	3.0	-	-	-	-
Paraguay (h)	1 126	1 344	1 447	131.5	84	89	51	4.6	-	-	-	-
Peru (h)	21 503	21 460	26 869	507.0	5 047	5 047	5 720	107.9	38	13	44	0.4
Trinidad and Tobago	341	384	312	32.9	126	62	42	4.4	-	-	-	-
United States	e) 54 062	e) 54 062	e) 50 874	26.6	814	566	501	0.3	-	-	-	-
Uruguay	2 044	2 226	1 693	63.1	330	246	229	8.5	-	-	-	-
Venezuela (h)	8 138	7 529	7 121	123.8	857	522	530	9.2	-	-	-	-
Antigua	6	1	4	6.5	17	9	2	3.2	-	-	-	-
Bahama Islands	156	296	145	108.2	10	10	16	11.9	-	-	-	-
Barbados	68	72	79	32.6	10	12	22	9.1	-	-	-	-
Bermuda	12	17	16	33.3	-	2	1	2.1	-	-	-	-
British Guiana	184	184	195	31.0	413	228	280	44.4	-	-	-	-
British Honduras	58	95	74	71.8	38	46	5	4.9	-	-	-	-
Canal Zone	16	16	17	31.5	2	-	2	3.7	-	-	-	-
Cayman Islands	3	2	-	-	-	-	-	-	-	-	-	-
Dominica	153	145	82	126.2	76	i) 69	121	186.2	-	-	-	-
Falkland Islands	3	...	...	...	-	...	...	...	-	-	-	-
French Guiana	37	40	27	75.0	7	5	11	30.6	-	-	-	-
Grenada	34	21	...	...	6	6	...	...	-	-	-	-
Guadeloupe	224	...	187	61.1	20	17	1	0.3	-	-	-	-
Martinique	151	123	103	33.2	218	218	91	29.4	-	-	-	-
Montserrat	...	...	3	(23.1)	...	...	2	(15.4)	-	-	-	-
Netherlands Antilles	32	b) 23	8	3.9	5	5	3	1.5	-	-	-	-
Puerto Rico	e) 1 834	e) 1 852	e) 1 685	65.2	18	17	12	0.5	-	-	-	-
St. Kitts-Nevis and Anguilla	23	18	16	25.8	3	-	-	-	-	-	-	-
St. Lucia	67	74	44	47.8	34	30	40	43.5	-	-	-	-
St. Pierre and Miquelon	13	...	10	200.0	-	...	-	-	-	-	-	-
St. Vincent	35	17	...	...	15	15	...	...	-	-	-	-
Surinam (h)	148	148	162	54.9	26	14	73	24.7	-	-	-	-
Turks and Caicos Islands	1	1	-	-	-	-	-	-	-	-	-	-
Virgin Islands (UK)	2	...	...	...	1	...	...	...	-	-	-	-
Virgin Islands (US)	7	e) 7	3	7.3	1	-	-	-	-	-	-	-

(a) Data for typhoid fever include data for paratyphoid fever (041) in Argentina, Brazil, Canada, Chile (except in 1964), Colombia, Ecuador, Honduras, Paraguay, Peru, Venezuela, Antigua, Dominica, Martinique and St. Lucia in 1963.
 (b) Respiratory tuberculosis (001-008).
 (c) Data for State of Guanabara and capitals of 19 other states.

(d) Data for Federal District, States of Guanabara and Pernambuco, and capitals of 10 other states.
 (e) Newly reported active cases.
 (f) Reporting area.
 (g) Hospital data.
 (h) Reporting area, except for louse-borne typhus.
 (i) Including other salmonella infections (042).

TABLE I. REPORTED CASES OF CERTAIN NOTIFIABLE DISEASES WITH RATES PER 100,000 POPULATION IN THE AMERICAS, 1964

Area	Whooping cough (056)				Yaws (073)				Yellow fever (a) (091)			
	1959-63	1963	1964		1959-63	1963	1964		1959-63	1963	1964	
	Median	Number	Number	Rate	Median	Number	Number	Rate	Median	Number	Number	Rate
Argentina	19 890	19 890	40 711	184.9	-	-	-	-	-	-	-	-
Bolivia	511	307	144	3.9	...	...	...	...	2	81	13	0.4
Brazil	...	b) 3 953	...	...	...	...	...	...	1	-	13	0.0
Canada	6 136	6 136	4 844	25.2	*	*	*	*	-	-	-	-
Chile	5 030	6 462	5 279	62.2	*	-	-	-	-	-	-	-
Colombia	c) 28 990	c) 28 520	32 435	185.8	c) 416	c) 351	225	1.3	11	10	10	0.1
Costa Rica	1 339	3 353	1 529	110.2	-	-	-	-	-	-	-	-
Cuba	151	93	328	4.4	-	-	-	-	-	-	-	-
Dominican Republic	3 098	2 973	4 686	135.7	285	42	31	0.9	-	-	-	-
Ecuador	...	...	d) 276	...	...	...	d) 7	...	-	-	-	-
El Salvador	c) 2 066	3 709	3 677	130.2	c) -	-	...	...	-	-	-	-
Guatemala	2 310	2 185	2 355	54.7	*	*	*	*	-	-	-	-
Haiti	2 196	≠ 2 196	≠ 1 018	22.4	336	≠ 81	≠ 86	1.9	-	-	-	-
Honduras	2 398	c) 3 312	c) 4 231	339.6	...	*	*	*	-	-	-	-
Jamaica	1 109	3 203	651	37.7	275	169	215	12.4	-	-	-	-
Mexico	39 168	42 884	39 119	98.7	...	...	...	...	-	-	-	-
Nicaragua	425	54	556	34.8	...	...	...	...	-	-	-	-
Panama	554	554	1 001	82.7	3	5	8	0.7	-	-	-	-
Paraguay (e)	1 577	1 790	1 601	145.5	-	1	...	...	-	-	-	-
Peru (e)	19 005	19 911	20 409	385.1	58	32	19	0.4	20	49	60	0.5
Trinidad and Tobago	740	849	* 221	...	...	f) 915	...	...	-	-	-	-
United States	17 135	17 135	13 005	6.8	*	*	*	*	-	-	-	-
Uruguay	1 011	2 714	≠ 717	26.7	-	-	...	...	-	-	-	-
Venezuela (e)	9 490	9 490	39 201	681.5	197	133	140	2.4	1	1	2	0.0
- - -												
Antigua	8	28	-	-	7	1	1	1.6	-	-	-	-
Bahama Islands	4	4	10	7.5	-	-	d) -	...	-	-	-	-
Barbados	*	*	*	*	*	*	*	*	-	-	-	-
Bermuda	-	-	-	-	-	...	-	-	-	-	-	-
British Guiana	...	570	* 1	...	* 2	* 40	* 2	...	-	-	-	-
British Honduras	7	-	≠ -	-	-	-	≠ -	-	-	-	-	-
Canal Zone	-	-	≠ -	-	-	-	...	...	-	-	-	-
Cayman Islands	-	-	≠ -	-	...	-	≠ -	-	-	-	-	-
Dominica	260	4 422	≠ 4	6.2	129	54	≠ 22	33.8	-	-	-	-
Falkland Islands	-	...	...	...	-	...	...	...	-	-	-	-
French Guiana	20	38	-	-	-	-	-	-	-	-	-	-
Grenada	26	...	...	...	-	-	...	...	-	-	-	-
Guadeloupe	-	-	-	-	-	...	-	-	-	-	-	-
Martinique	5	4	≠ 5	1.6	-	-	g) ...	...	-	-	-	-
Montserrat	...	...	2	(15.4)	...	...	...	...	-	-	-	-
Netherlands Antilles	*	*	*	*	*	*	*	*	-	-	-	-
Puerto Rico	676	748	406	15.7	-	-	-	-	-	-	-	-
St. Kitts-Nevis and Anguilla	2	-	≠ 5	8.1	-	-	...	...	-	-	-	-
St. Lucia	8	8	≠ 1	1.1	140	592	≠ 429	466.3	-	-	-	-
St. Pierre and Miquelon	-	...	≠ -	-	-	...	...	...	-	-	-	-
St. Vincent	45	7	...	...	...	...	...	...	-	-	-	-
Surinam	*	*	*	*	...	*	*	*	-	-	-	-
Turks and Caicos Islands	-	-	≠ -	-	-	-	≠ -	-	-	-	-	-
Virgin Islands (UK)	-	...	...	...	...	...	...	...	-	-	-	-
Virgin Islands (US)	-	10	≠ -	-	-	...	...	...	-	-	-	-

(a) All cases were of jungle yellow fever.

(b) Data for Federal District, States of Guanabara and Pernambuco, and capitals of 10 other states.

(c) Reporting area.

(d) Hospital data.

(e) Reporting area, except for yellow fever.

(f) Non-infectious, except 1 case.

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

TABLE II. REPORTED CASES OF OTHER NOTIFIABLE DISEASES WITH RATES
PER 100,000 POPULATION IN THE AMERICAS, 1964

Disease and area	1959-63 Median	1963 Number	1964		Disease and area	1959-63 Median	1963 Number	1964	
			Number	Rate				Number	Rate
DENGUE (090)					LEISHMANIASIS (120) (cont.)				
Argentina	-	-	1	0.0	Venezuela (c)	866	851	613	10.7
Chile	-	-	1	0.0	British Guiana	...	...	* 5	...
Dominican Republic	494	350	407	11.8	Canal Zone	...	-	≠ 2	3.7
Ecuador	...	...	a) 2	...	LEPTOSPIROSIS (072)				
Jamaica	-	1578	156	9.0	Argentina	3	4	3	0.0
Mexico	-	2	...	...	Brazil	...	h) 17	...	...
United States	*	*	b) 6	0.0	Chile	*	10	2	0.0
Venezuela (c)	-	-	18306	318.2	Ecuador	...	...	a) 3	...
Antigua	-	-	264	425.8	Haiti	2	...	≠ -	-
Dominica	...	2	≠ 43	66.2	Jamaica	9	27	23	1.3
Puerto Rico	-	25737	2440	94.4	Panama	-	-	2	0.2
St. Kitts-Nevis and Anguilla	...	...	≠ 721	1162.9	United States	79	89	142	0.1
FILARIASIS (127)					Venezuela (c)	5	4	-	-
Costa Rica	-	-	1	0.1	Barbados	-	42	9	3.7
Dominican Republic	117	60	160	4.6	Martinique	-	1	...	...
Ecuador	...	...	a) 2	...	Puerto Rico	3	3	5	0.2
Guatemala (d)	4950	6232	5229	121.5	PSITTACOSIS (096.2)				
Haiti	24	...	≠ -	-	Argentina	2	2	-	-
Honduras	...	c) 1	*	*	Canada	5	5	5	0.0
Mexico (d)	917	166	...	...	United States	102	76	53	0.0
Venezuela (c)	15	-	1	0.0	SCHISTOSOMIASIS (123)				
Antigua	18	12	-	-	Brazil	...	i) 65	...	...
British Guiana (e)	*3701	*1376	*2074	...	Dominican Republic	43	...	21	0.6
St. Kitts-Nevis and Anguilla	7	7	...	...	United States	*	*	j) 340	1.4
Surinam	...	f) 124	...	...	Venezuela (c)	991	1666	3113	54.1
Virgin Islands (US)	17	...	...	...	Puerto Rico	678	333	≠ 296	11.5
HYDATIDOSIS (125)					St. Lucia	54	-	...	...
Argentina	185	365	377	1.7	Surinam	...	k) ...	*	*
Chile	159	238	145	1.7	Virgin Islands (US)	5	≠ 10	≠ 19	46.3
Costa Rica	-	1	-	-	TRICHINIASIS (128)				
Ecuador	...	...	a) 1	...	Argentina	14	5	26	0.1
Panama	-	-	4	0.3	Canada	44	43	22	0.1
Peru (a)	147	121	144	2.7	Chile	57	91	41	0.5
Uruguay	355	321	≠ 251	9.4	Ecuador	...	...	a) 1	...
LEISHMANIASIS (120)					Panama	-	23	-	-
Argentina	50	50	73	0.3	United States	208	208	198	0.1
Bolivia	-	1	3	0.1	TRYPANOSOMIASIS (121)				
Brazil	...	g) 3	...	...	Argentina	1525	2239	1592	7.2
Colombia	c) 219	c) 343	279	1.6	Brazil	...	l) 90	...	...
Costa Rica	229	594	949	68.4	Chile	*	2	-	-
Ecuador	...	...	a) 21	...	Costa Rica	1	1	2	0.1
Guatemala	49	41	8	0.2					
Honduras	...	c) 4	c) 28	2.2					
Mexico	19	13	12	0.0					
Panama	106	111	183	15.1					
Paraguay (c)	346	300	378	34.4					
Peru (c)	737	488	907	17.1					

(a) Hospital data.

(b) Data for 5 states; not nationally notifiable.

(c) Reporting area.

(d) Onchocerciasis.

(e) Data represent infection, not necessarily disease.

(f) Data from Government clinic.

(g) Data for Manaus City.

(h) Data for Federal District, States of Guanabara and Pernambuco, and capitals of 9 other states.

(i) Data for cities of Maceio and São Paulo.

(j) Data for 2 states; not nationally notifiable.

(k) Estimated number of infected persons - 10,000.

(l) Data for Federal District and cities of Maceio and São Paulo.

TABLE II. REPORTED CASES OF OTHER NOTIFIABLE DISEASES WITH RATES
PER 100,000 POPULATION IN THE AMERICAS, 1964 (continued)

Disease and area	1959-63 Median	1963 Number	1964		Disease and area	1959-63 Median	1963 Number	1964	
			Number	Rate				Number	Rate
TRYPANOSOMIASIS (121) (cont.)					TYPHUS, FLEA-BORNE (MURINE) (101)				
Ecuador	...	...	a) 35	...	Argentina	-	2	3	0.0
El Salvador	c) 16	32	60	2.1	Chile (m)	80	51	22	0.3
Guatemala	72	86	305	7.1	Colombia	c) 355	c) 353	116	0.7
Honduras	2	c) -	c) 7	0.6	Costa Rica	1	-	-	-
Panama	-	4	22	1.8	Dominican Republic	23	-	-	-
Paraguay (c)	10	29	...	...	Ecuador	13	13	10	0.2
Peru (c)	-	1	9	0.2	El Salvador	c) 14	-	-	-
Uruguay	3	3	≠ 1	0.0	Jamaica	1	-	-	-
Venezuela (c)	190	337	423	7.4	Mexico	89	70	47	0.1
TULAREMIA (059)					Peru	1	2	c) 13	0.2
Canada	4	3	5	0.0	United States	46	35	30	0.0
United States	365	327	342	0.2	Venezuela (c)	11	11	16	0.3

(a) Hospital data.
(c) Reporting area.

(m) Including unspecified typhus (107).

TABLE III. REPORTED CASES OF SELECTED NOTIFIABLE DISEASES BY MONTH IN THE AMERICAS, 1964

Disease and area	Total	Month or four-week period													Not stat- ed
		Jan. I	Feb. II	Mar. III	Apr. IV	May V	June VI	July VII	July VIII	Aug. IX	Sept. X	Oct. XI	Nov. XII	Dec. XIII	
AMEBIASIS (046)															
Argentina	2 090	222	179	208	158	184	160	.	159	177	165	157	142	123	56
Canada	50	-	3	-	-	-	1	-	1	9	14	3	4	2	13
Chile	307	11	12	31	11	3	92	.	27	5	49	47	8	11	-
Cuba	1 368	144	163	114	247	131	124	.	79	101	117	64	55	29	-
Dominican Republic	1 245	130	142	82	161	70	108	.	100	76	123	92	85	76	-
Ecuador (a)	1 059	116	78	125	100	100	96	.	54	57	88	55	111	79	-
El Salvador	4 227	247	274	171	292	261	237	.	386	340	525	509	582	403	-
Haiti	591	30	31	40	70	45	4	19	61	53	55	72	69	42	-
Honduras (b)	18 049	904	1 170	1 131	1 544	1 427	1 700	.	2 353	1 779	1 676	1 269	2 199	897	-
Jamaica	16	3	2	2	4	-	-	.	-	-	1	2	-	2	-
Mexico	31 155	1 961	2 879	2 292	2 487	2 675	2 861	.	3 158	3 915	2 287	2 856	2 039	1 745	-
Peru (b)	2 771	243	197	281	232	204	216	.	166	211	298	237	233	253	-
United States	3 304	206	273	363	307	343	230	.	292	269	260	278	231	252	-
Venezuela (b)	27 337	2 213	1 763	1 601	2 217	2 468	2 817	.	3 408	2 955	2 137	1 977	2 004	1 777	-
Bahama Islands (a)	151	13	17	24	11	13	15	.	17	5	7	11	8	9	1
British Guiana	108	3	2	8	-	5	-	.	9	25	-	24	15	17	-
British Honduras	22	-	-	-	-	1	-	.	-	-	-	11	4	6	-
Canal Zone	9	-	-	-	3	1	-	4	-	-	1	-	-	-	-
Dominica	192	30	16	13	16	19	14	22	23	22	7	5	1	4	-
Puerto Rico	1	-	-	-	-	1	-	.	-	-	-	-	-	-	-
Surinam (b)	4	-	-	-	1	1	-	.	-	-	1	-	-	1	-
Virgin Islands (US)	2	1	-	-	1	-	-	.	-	-	-	-	-	-	-
DIPHTHERIA (055)															
Argentina	3 118	255	253	257	304	372	340	.	242	201	230	204	212	203	45
Bolivia	208	-	17	67	41	7	22	.	2	4	4	5	37	2	-
Canada	25	1	2	2	3	1	5	-	5	1	2	3	-	-	-
Chile	1 196	89	99	82	120	115	115	.	118	129	94	76	91	68	-
Colombia	646	35	61	38	29	47	39	59	45	58	47	43	21	23	101
Cuba	640	71	77	57	81	49	53	.	38	34	57	39	29	55	-
Dominican Republic	358	33	29	17	28	23	19	.	36	29	35	37	35	37	-
Ecuador	223	15	24	20	17	18	13	18	18	7	17	26	17	13	-
El Salvador	303	46	26	20	13	7	19	.	39	21	31	29	32	20	-
Guatemala	89	1	8	11	6	4	8	4	6	4	18	1	15	3	-
Haiti	19	1	5	1	1	1	1	.	2	-	-	4	2	1	-
Honduras (b)	5	-	2	2	1	-	-	.	-	-	-	-	-	-	-
Jamaica	21	1	-	3	1	2	3	.	3	1	2	1	1	3	-
Mexico	419	47	54	22	37	30	21	.	26	19	37	46	48	32	-
Nicaragua	12	1	-	-	-	1	3	.	1	-	2	2	1	1	-
Paraguay (b)	38	5	3	6	10	3	1	.	1	-	4	1	1	3	-
Peru (b)	53	-	-	3	3	7	10	.	9	15	1	1	1	3	-
United States	293	17	18	11	20	36	25	.	17	10	17	40	35	47	-
Uruguay	207	7	7	11	46	52	33	.	26	12	7	2	2	2	-
Venezuela (b)	312	51	22	20	24	19	18	.	20	18	25	19	37	39	-
Barbados	5	-	1	-	-	-	-	.	2	-	1	1	-	-	-
British Guiana	38	3	3	-	2	1	6	.	6	4	3	2	4	4	-
Dominica	1	-	-	-	-	-	-	.	-	-	-	-	1	-	-
Guadeloupe	5	-	-	-	1	-	1	.	1	-	-	-	2	-	-
Martinique	1	-	-	-	-	-	-	.	-	-	1	-	-	-	-

(a) Hospital data.

(b) Reporting area.

TABLE III. REPORTED CASES OF SELECTED NOTIFIABLE DISEASES BY MONTH IN THE AMERICAS, 1964 (continued)

Diseases and area	Total	Month or four-week period													Not stated
		Jan. I	Feb. II	Mar. III	Apr. IV	May V	June VI	July VII	Aug. VIII	Sept. IX	Oct. X	Nov. XI	Dec. XII		
DIPHTHERIA (055)(cont.)															
Netherlands Antilles	3	-	-	-	-	1	-	.	-	-	-	-	-	2	-
Puerto Rico	13	1	1	1	-	1	3	.	2	-	1	2	1	-	-
St. Kitts-Nevis and Anquilla	2	-	-	1	-	-	-	.	-	-	-	-	-	1	-
St. Lucia	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-
HEPATITIS, INFECTIOUS (092)															
Argentina	2 931	180	186	266	245	356	272	.	417	207	113	264	242	183	-
Canada (c)	8 218	714	950	845	840	526	534	474	433	413	600	522	569	630	168
Chile	618	24	28	47	65	56	82	.	81	66	53	44	35	37	-
Cuba	5 249	273	395	431	499	414	427	.	533	422	597	403	352	503	-
Dominican Republic	2	-	-	-	-	-	-	.	-	-	-	-	1	1	-
Ecuador (a)	91	14	9	11	14	6	6	.	5	1	6	6	10	3	-
El Salvador	1 069	109	65	55	109	102	93	.	87	109	97	83	80	80	-
Haiti	138	11	19	11	41	5	5	3	-	4	16	7	4	12	-
Honduras (b)	252	20	29	12	32	34	35	.	30	22	24	14	-	-	-
Jamaica	71	3	7	6	4	9	8	.	8	7	4	9	3	3	-
Mexico	2 940	255	337	209	198	227	205	.	191	334	243	318	210	213	-
Paraguay (b)	99	13	12	14	16	10	7	.	4	9	1	3	6	4	-
Peru (b)	3 211	248	207	213	301	245	276	.	256	329	275	281	325	255	-
United States (c)	37 740	4 063	4 139	3 794	3 521	3 000	2 471	.	2 584	2 498	2 790	2 994	2 605	3 244	37
Uruguay	1 338	21	19	35	50	96	277	.	253	196	150	104	61	76	-
Antigua	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Bahama Islands (a)	14	1	1	3	1	1	1	.	1	1	1	-	1	2	-
Bermuda	6	-	-	-	-	1	-	-	-	-	-	4	1	-	-
Canal Zone	13	1	2	3	-	-	-	-	-	2	1	3	1	-	-
Dominica	12	-	-	4	1	-	5	2	-	-	-	-	-	-	-
Puerto Rico (c)	1 159	17	69	94	107	56	102	.	107	112	120	92	79	204	-
Turks and Caicos Islands	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-
MALARIA (110-117)															
Argentina (d)	550	54	27	48	130	92	74	.	30	10	12	27	34	12	-
Bolivia	73	6	5	27	2	4	3	.	7	-	4	2	7	6	-
Brazil (d)	111 273	6 781	6 395	9 420	8 288	9 089	8 889	.	8 774	10 459	11 140	11 300	11 070	9 673	-
Canada	2	-	-	-	-	1	-	1	-	-	-	-	-	-	-
Colombia	20 340	937	1 244	1 432	838	938	1 062	1 348	1 393	1 381	1 592	1 448	902	1 154	4 671
Costa Rica (d,e)	1 210	94	32	47	37	26	26	.	59	84	166	262	249	130	-
Cuba (d)	624	212	90	56	46	21	37	.	37	22	27	38	24	14	-
Dominican Republic	6 214	769	627	442	526	353	407	.	485	349	604	540	603	509	-
Ecuador (d)	4 694	157	317	335	376	543	412	332	373	469	452	279	319	330	-
El Salvador (d)	25 857	1 249	1 596	979	1 584	1 483	1 745	.	3 102	2 325	5 419	2 664	2 345	1 366	-
Guatemala (d)	20 401	652	581	885	799	864	905	1 206	2 161	3 456	3 404	2 692	1 890	906	-
Haiti	20 084	2 882	3 104	2 284	2 883	1 511	1 278	.	1 178	856	1 036	1 183	780	1 109	-
Honduras (d)	6 673	327	148	114	206	213	232	.	472	735	1 242	912	1 274	798	-
Jamaica	2	-	-	1	-	-	-	.	-	-	-	-	-	1	-
Mexico (d)	13 342	968	692	863	819	849	902	1 179	982	1 318	1 354	1 404	1 093	888	31
Nicaragua (d)	13 016	787	1 051	385	802	703	540	.	879	1 240	2 709	2 096	1 098	726	-

(a) Hospital data.

(b) Reporting area.

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

(d) Confirmed cases.

(e) Discrepancy between total cases and data by month.

TABLE III. REPORTED CASES OF SELECTED NOTIFIABLE DISEASES BY MONTH IN THE AMERICAS, 1964 (continued)

Diseases and area	Total	Month or four-week period													
		Jan. I	Feb. II	Mar. III	Apr. IV	May V	June VI	July VII	Aug. VIII	Sept. IX	Oct. X	Nov. XI	Dec. XII	Not stated	
MALARIA (110-117) (cont.)															
Paraguay (d)	8 846	352	669	453	1 970	1 179	892	.	584	320	602	498	768	559	-
Peru (d)	1 934	117	102	121	280	139	187	.	252	191	204	148	78	115	-
United States (f)	93	8	5	6	5	11	6	.	9	9	14	4	9	7	-
Venezuela (g)	5 215	505	441	382	270	316	473	.	629	492	545	480	425	257	-
Bahama Islands	4	1	-	-	-	-	-	2	-	-	-	-	1	-	-
British Guiana (d)	225	29	51	47	51	8	-	.	5	1	11	8	13	1	-
British Honduras (d)	35	5	2	-	-	2	-	.	1	4	13	5	2	1	-
Canal Zone	9	-	2	1	-	-	2	1	1	-	1	-	1	-	-
French Guiana	37	4	3	8	8	-	-	.	3	1	4	2	3	1	-
St. Lucia (d)	4	-	-	-	-	-	1	-	1	-	2	-	-	-	-
Surinam (d)	1 681	172	84	46	60	68	40	.	130	235	254	120	169	303	-
MEASLES (085)															
Argentina	53 018	888	527	693	748	1 510	2 583	.	5 995	9 400	6 642	11 578	7 753	4 491	210
Bolivia	415	24	18	7	21	23	23	.	39	17	44	62	99	38	-
Chile	35 941	3 400	2 705	2 427	2 379	2 686	3 371	.	3 408	3 491	3 316	3 816	2 784	2 158	-
Colombia	32 668	1 510	1 427	1 901	1 442	2 068	1 978	2 000	2 183	2 584	2 867	2 540	2 061	2 064	6 043
Cuba	2 151	179	291	244	287	200	167	.	134	109	147	76	117	200	-
Dominican Republic	2 344	311	273	277	237	162	235	.	157	101	149	141	116	185	-
Ecuador (a)	900	57	49	78	81	79	78	.	98	74	61	62	90	93	-
El Salvador	8 090	1 119	1 241	1 088	1 095	665	495	.	523	350	464	320	333	397	-
Guatemala	2 838	154	146	221	232	261	270	267	183	202	223	192	291	196	-
Haiti	332	36	30	48	42	26	20	14	9	7	7	7	55	31	-
Honduras (b)	5 058	323	409	399	726	514	422	.	582	542	474	377	33	257	-
Jamaica	142	11	22	10	5	10	8	.	6	12	9	5	24	20	-
Mexico	73 180	3 666	8 422	10 077	12 319	12 243	8 210	.	6 006	4 752	1 983	2 397	1 706	1 399	-
Nicaragua	559	116	73	19	51	60	25	.	27	11	50	52	50	25	-
Paraguay (b)	740	6	7	8	11	13	29	.	90	71	69	119	170	147	-
Peru (b)	20 230	1 131	725	724	671	843	1 210	.	1 649	1 997	2 502	2 973	3 025	2 780	-
United States	458 083	27 521	44 394	72 969	111 015	111 859	43 974	.	13 695	4 157	2 428	4 449	7 888	13 634	100
Uruguay	1 630	19	4	9	9	19	49	.	149	107	151	237	335	542	-
Venezuela (b)	32 627	3 121	3 114	3 126	3 618	2 702	2 540	.	2 349	2 248	2 107	2 010	2 810	2 882	-
Antigua	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-
Bahama Islands (a)	7	-	-	-	-	-	-	-	-	-	-	-	5	2	-
Bermuda	35	2	4	11	8	4	3	.	-	-	-	-	2	1	-
British Honduras (e)	47	6	4	27	-	6	1	.	3	-	-	-	2	1	-
Cayman Islands	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-
Dominica	715	246	350	75	19	11	5	1	4	1	3	-	-	-	-
French Guiana	8	-	-	-	-	1	-	-	-	6	-	-	-	1	-
Guadeloupe	6	-	-	-	-	-	2	3	-	-	-	1	-	-	-
Martinique	6	-	3	2	-	-	-	.	-	-	-	1	-	-	-
Puerto Rico	7 535	323	518	1 015	1 474	1 000	645	.	693	321	616	373	324	233	-
St. Kitts-Nevis and Anguilla	2 540	968	981	319	169	52	32	10	2	6	-	-	-	1	-
POLIOMYELITIS (080)															
Argentina (h)	557	156	89	79	93	31	20	.	10	5	4	7	42	21	-
Bolivia	10	-	1	2	1	1	-	.	-	-	-	4	1	-	-

(a) Hospital data.

(b) Reporting area.

(c) Confirmed cases.

(e) Discrepancy between total cases and data by month.

(f) Including cases acquired outside the country.

(g) Data exclude 669 cases acquired outside the country.

(h) Paralytic poliomyelitis (080.0, 080.1).

TABLE III. REPORTED CASES OF SELECTED NOTIFIABLE DISEASES BY MONTH IN THE AMERICAS, 1964 (continued)

Diseases and area	Total	Month or four-week period													
		Jan. I	Feb. II	Mar. III	Apr. IV	May V	June VI	July VII	Aug. VIII	Sept. IX	Oct. X	Nov. XI	Dec. XII	Not stat-ed	
POLIOMYELITIS (080) (cont.)															
Canada (h)	19	1	1	2	-	2	1	-	5	4	2	-	1	-	-
Chile	363	24	85	51	67	30	18	.	24	16	7	14	12	17	-
Colombia	755	11	20	34	31	60	60	68	58	64	58	26	76	55	134
Cuba	1	-	-	1	-	-	-	.	-	-	-	-	-	-	-
Dominican Republic (h)	17	1	3	-	1	-	-	.	-	1	3	1	3	4	-
Ecuador (h)	89	3	6	7	6	7	5	7	10	5	6	5	16	6	-
El Salvador (h)	20	5	2	1	-	4	2	.	1	-	1	-	-	4	-
Guatemala	74	4	9	7	9	5	7	7	5	2	9	1	6	3	-
Haiti (h) ≠	23	-	7	6	3	-	1	.	-	-	-	1	3	2	-
Honduras (b, h)	38	6	8	4	5	3	2	.	3	3	3	1	-	-	-
Jamaica	57	1	-	-	5	-	-	.	-	-	-	10	16	25	-
Mexico (h)	404	19	45	16	29	21	27	.	33	70	48	47	27	22	-
Nicaragua (h)	47	10	1	2	4	8	1	.	3	3	9	2	1	3	-
Paraguay (b)	40	-	4	3	4	4	2	.	1	1	8	9	2	2	-
Peru (b)	609	59	40	32	35	35	42	.	42	71	68	86	61	38	-
United States	122	6	2	13	6	8	14	.	14	15	14	15	4	11	-
Uruguay ≠	22	-	1	3	6	1	6	.	-	2	1	-	-	2	-
Venezuela (b, h)	226	32	24	26	21	21	20	.	20	19	25	12	4	2	-
Bahama Islands (h)	53	2	-	11	35	2	3	.	-	-	-	-	-	-	-
Dominica (h) ≠	1	-	-	-	1	-	-	.	-	-	-	-	-	-	-
TYPHOID FEVER (040)															
Argentina (i)	1545	170	144	128	153	105	78	.	64	50	74	124	149	145	161
Bolivia	131	12	10	16	13	9	10	.	2	-	13	6	27	13	-
Canada (i)	195	15	11	18	7	11	16	9	11	16	14	15	24	27	1
Chile	4597	751	626	399	392	296	266	.	136	133	157	240	472	729	-
Colombia	12 055	670	788	888	534	869	770	883	814	830	830	710	691	628	2 150
Cuba	1 158	18	41	591	239	37	27	.	35	27	27	25	39	52	-
Dominican Republic	525	96	43	39	33	19	28	.	36	97	36	47	32	19	-
Ecuador (i)	2 181	151	172	251	329	235	203	117	164	124	116	83	112	124	-
El Salvador	1 279	82	90	131	150	124	95	.	114	100	145	102	65	81	-
Guatemala	1 115	55	78	90	100	100	93	86	101	93	88	97	71	63	-
Haiti ≠	443	101	62	37	58	10	23	.	22	37	39	30	15	9	-
Honduras (b, i)	1 027	112	121	40	107	76	67	.	133	68	129	64	75	35	-
Jamaica	214	6	6	18	35	33	29	.	25	15	14	12	20	1	-
Mexico	5 568	232	425	304	502	568	522	.	524	652	471	615	412	341	-
Nicaragua	174	17	10	11	31	23	20	.	18	11	12	8	9	4	-
Paraguay (b, i)	51	10	5	6	3	3	1	.	-	-	2	6	9	6	-
Peru (b, i)	5 720	510	496	525	543	619	338	.	457	473	385	471	445	458	-
United States	501	29	27	20	41	34	33	.	58	39	69	37	40	73	1
Uruguay ≠	229	40	39	20	17	10	12	.	5	4	3	55	12	12	-
Venezuela (b, i)	530	59	29	30	29	37	71	.	48	49	43	54	54	27	-
Antigua (i)	2	-	1	-	-	-	-	-	-	-	-	-	1	-	-
Bahama Islands	16	-	2	-	1	1	1	.	2	4	1	-	4	-	-
Barbados	22	3	5	-	1	-	1	.	1	2	7	2	-	-	-
Bermuda	1	-	-	1	-	-	-	.	-	-	-	-	-	-	-
British Guiana (e)	280	39	33	25	38	31	25	.	19	27	21	3	8	12	-
British Honduras ≠	5	-	2	-	-	-	1	.	-	-	-	2	-	-	-

(b) Reporting area.

(e) Discrepancy between total cases and data by month.

(h) Paralytic poliomyelitis (080.0, 080.1).

(i) Including paratyphoid fever (041).

TABLE III. REPORTED CASES OF SELECTED NOTIFIABLE DISEASES BY MONTH IN THE AMERICAS, 1964 (continued)

Diseases and area	Total	Month or four-week period													
		Jan. I	Feb. II	Mar. III	Apr. IV	May V	June VI	July VII	Aug. VIII	Sept. IX	Oct. X	Nov. XI	Dec. XII	Not stated	
TYPHOID FEVER (040)															
(cont.)															
Canal Zone	2	-	-	1	-	-	-	-	-	1	-	-	-	-	-
Dominica (i)	121	8	3	7	14	12	10	9	13	10	3	12	6	11	3
French Guiana (i)	11	-	1	2	2	-	3	.	-	-	1	-	1	1	-
Guadeloupe	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-
Martinique (e,i)	91	55	3	7	5	5	6	.	-	3	2	1	5	-	-
Netherlands Antilles	3	-	1	-	-	-	-	.	-	1	1	-	-	-	-
Puerto Rico	12	2	1	2	1	2	-	.	-	1	1	2	-	-	-
St. Lucia	40	6	5	1	-	2	-	3	-	1	6	15	1	-	-
Surinam (b)	73	-	3	15	36	12	-	.	3	2	-	1	-	1	-
WHOOPING COUGH (056)															
Argentina	40711	2251	1708	1205	1479	1365	1870	.	2770	4380	5430	6920	6235	4237	861
Bolivia	144	17	19	7	10	13	19	.	21	14	6	5	5	8	-
Canada	4844	532	454	470	435	426	355	190	310	310	371	323	315	273	80
Chile	5279	704	523	336	200	226	269	.	299	315	498	708	611	590	-
Colombia	32435	1813	1697	1748	1376	2153	2482	2365	2417	2353	2333	1972	1969	1819	5938
Cuba	328	2	13	23	27	16	18	.	25	15	37	31	53	68	-
Dominican Republic	4686	336	327	376	509	375	471	.	475	340	411	313	339	414	-
Ecuador (a)	276	21	25	34	35	24	19	.	15	26	23	16	24	14	-
El Salvador	3677	235	183	152	358	380	380	.	475	264	435	324	245	246	-
Guatemala	2355	147	125	152	155	195	219	218	182	218	221	149	215	159	-
Haiti	1018	77	73	116	73	103	83	.	85	75	80	119	51	83	-
Honduras (b)	4231	302	245	174	314	403	381	.	559	488	594	326	334	111	-
Jamaica	651	14	26	21	53	58	50	.	40	103	61	77	40	108	-
Mexico	39119	3432	5132	3750	4151	3427	3085	.	2822	3716	2573	3120	2134	1777	-
Nicaragua	556	13	7	4	16	42	11	.	33	64	75	150	98	43	-
Paraguay (b)	1601	113	75	68	72	87	48	.	88	135	168	249	314	184	-
Peru (b)	20409	2195	1751	1288	1204	1001	1154	.	1945	2232	1911	1787	1984	1957	-
United States	13005	1072	991	1122	1328	1414	1112	.	1321	1157	1053	871	795	733	36
Uruguay	717	239	142	67	46	43	34	.	15	23	25	54	14	15	-
Venezuela (b)	39201	1897	1838	2262	3002	3506	4032	.	5022	4757	4297	3197	3034	2357	-
Bahama Islands	10	-	2	-	2	4	-	-	-	-	-	-	-	-	2
British Guiana	1	-	-	-	-	-	-	.	1	-	-	-	-	-	-
Dominica	4	-	-	2	-	-	-	-	-	-	-	2	-	-	-
Martinique	5	-	1	-	-	-	-	.	4	-	-	-	-	-	-
Puerto Rico	406	50	23	54	59	50	29	.	49	11	24	24	27	6	-
St. Kitts-Nevis and Anguilla	5	-	-	-	1	-	2	.	2	-	-	-	-	-	-
St. Lucia	1	-	-	-	-	-	-	.	-	-	-	-	-	1	-

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

(e) Discrepancy between total cases and data by month.
 (i) Including paratyphoid fever (041).

TABLE IV. REPORTED CASES OF SELECTED NOTIFIABLE DISEASES BY AGE IN THE AMERICAS, 1964

Disease and area	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)																
Bolivia	208	7	10	12	19	31	31	55	20	9	4	6	2	1		1
Canada (a)	25	-	-			4		4	3	2	b)	-	b)	1	b)	
Chile	1196	50				320		376	145	82	86	100	17		3	
Colombia	646	92				308		136			99			11		
Costa Rica	95	4				38		14	2	-	-	3	-	-	-	34
Cuba	640	3	7	32	33	36	20	88	105	85	80	129	21	1	-	-
Ecuador	223	7				99		59	23	11	5	c)	9	c)	7	c)
Jamaica	21	-	3	5	6	1	4	2	-	-	-	-	-	-	-	-
Mexico	419	37		119		d)	89	d)	107				67			
Nicaragua	12	-	-			12				-	-	-	-	-	-	-
Paraguay (e)	38	4				19		13	1	b)	-	-	b)	1	b)	
Peru (e)	53	-	1	3	8	6	6	22	4	1	-	2	-	-	-	-
United States	293	5				74		69	45	26	12	c)	18	c)	22	c)
Venezuela (f)	154	1	9	16	16	24	10	44	18	3	1	8	3	-	1	-
Barbados	5	-	-	1	1	-	-	3	-	-	-	-	-	-	-	-
British Guiana	38	-	4	3	8	6	7	9	1	-	-	-	-	-	-	-
Guadeloupe	5	-	-	-	1	2	-	-	1	-	-	-	-	-	-	1
Puerto Rico	13	1		-	3	-	-	5	1	1	1	c)	1	c)	-	-
DYSENTERY, ALL FORMS (045-048)																
Bolivia	18	-	-	2	2	2	1	2	-	2	1	3	2	1		-
Canada (a)	3891	306				378		150	99	60	b)	101	b)	54	b)	2719
Costa Rica	4274	390				1515		786	399	328		571	235	39		11
Cuba (g)	1384	34	36	76	75	77	55	221	162	95	108	280	135	21	6	3
Ecuador (h)	1511	13				70		72	84	104	150	535	368	115		-
Jamaica	131	13	17	11	8	5	2	8	1	5	8	36	8	1	1	7
Mexico (g)	34964	2000		4044		d)	4431	d)	7957				16532			-
Peru (e)	25884	2032	3217	4033	2466	1479	1089	2472	1088	1070	1127	3597	1614	232	169	199
Bahama Islands (h)	168	8	3	16	29	24	21	30	2	1	5	13	9	5	1	1
French Guiana	9	-	-	-	-	-	-	-	-	1	4	3	1	-	-	-
ENCEPHALITIS, ACUTE INFECTIOUS (082)																
Canada (a,i)	5	1		-	-	-	-	2	-	-	b)	-	b)	-	b)	1
Colombia	230	74				67		64			23			2		-
Costa Rica	11	2				6		1	-	-	-	1	-	-	-	1
Cuba	32	6	3	3	2	-	4	3	-	2	4	3	1	1	-	-
Ecuador (h)	13	1				5		3	-	1	-	1	1	1	1	-
Jamaica	5	-	-	-	-	-	-	1	-	-	1	1	1	-	-	1
Paraguay (e)	29	11				8		3	4	1	b)	2	b)	-	b)	-
Peru (e)	151	22	5	29	35	22	10	9	2	2	2	6	4	3	-	-
Venezuela (f,i)	524	31	4	13	19	12	14	71	90	81	45	88	46	4	5	1
Puerto Rico	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-

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

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

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

(d) Differing age grouping: 3-6, 7-14.

(e) Reporting area.

(f) Organized reporting area.

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

(h) Hospital data.

(i) Arthropod-borne encephalitis (082.0).

TABLE IV. REPORTED CASES OF SELECTED NOTIFIABLE DISEASES BY AGE IN THE AMERICAS, 1964 (continued)

Disease and area	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	
GONOCOCCAL INFECTION (030-035)																
Bolivia	78	-	-	-	-	-	-	-	1	23	22	27	5	-	-	-
Canada (a)	20 628	4	-	-	10	-	-	26	69	2 724	b)-13 890	-	b)1 617	b)-127	-	2 161
Colombia (j)	41 972	57	-	-	107	-	-	1 534	-	38 323	-	-	1 951	-	-	-
Costa Rica	1 828	5	-	-	11	-	-	29	9	797	-	904	43	4	-	26
Cuba	866	-	-	1	-	-	1	3	10	164	288	355	37	3	2	2
Ecuador (h)	71	-	-	-	1	-	-	-	1	13	25	23	6	2	-	-
Jamaica	28 220	2	1	1	15	19	32	134	241	5 986	9 818	11 128	820	11	-	12
Nicaragua	1 942	2	-	-	-	-	35	-	-	-	-	1 822	-	-	-	83
Paraguay (e)	396	1	-	-	1	-	-	-	7	107	b)-236	-	b) 35	b)-9	-	-
Peru (e)	7 978	23	6	11	22	13	21	70	99	1 754	2 330	3 377	218	8	7	19
United States	300 667	-	-	-	4 604	-	-	-	-	61 067	105 807	k)108 695	k)-20 494	-	-	-
Bahama Islands (h)	6	-	-	-	-	-	-	-	-	-	2	2	2	-	-	-
French Guiana	82	-	-	-	-	-	-	-	-	6	37	36	2	-	-	1
Puerto Rico	2 840	-	-	-	95	-	-	-	-	759	910	-	1 076	-	-	-
Surinam (e)	2 017	-	-	1	1	2	-	6	9	287	701	958	30	1	-	21
Virgin Islands (US)	263	-	-	-	7	-	-	-	-	61	87	-	108	-	-	-
HEPATITIS, INFECTIOUS (092)																
Canada (a, l)	8 218	16	-	-	186	-	-	884	666	402	b)-1 236	-	b) 383	b)-114	-	4 331
Costa Rica	695	9	-	-	149	-	-	175	83	101	-	113	34	15	-	16
Cuba	5 249	22	21	51	169	261	279	1 242	941	702	536	713	217	32	25	38
Ecuador (h)	91	1	-	-	22	-	-	18	3	14	6	11	10	6	-	-
Jamaica	71	-	1	-	-	1	-	6	7	8	8	22	11	4	-	3
Mexico	2 940	45	-	-	297	d)-435	-	d)-492	-	-	-	1 671	-	-	-	-
Paraguay (e)	99	3	-	-	22	-	-	32	10	12	b)-19	-	b)-1	-	-	-
Peru (e)	3 211	14	29	116	166	144	126	249	116	153	474	1 246	316	41	17	4
United States (a, l)	37 740	73	-	-	1 138	-	-	5 942	5 186	3 953	3 810	c) 6 721	c)3 375	c)-1 206	-	6 336
Bahama Islands (h)	14	2	-	-	-	-	-	-	-	1	4	7	-	-	-	-
Puerto Rico (l)	1 159	-	-	9	13	48	71	361	239	127	115	c) 108	c) 51	c)-15	-	2
INFLUENZA (480-483)																
Bolivia	932	84	82	104	58	55	38	93	38	50	40	139	117	24	-	10
Colombia	68 137	11 374	-	-	18 756	-	-	15 850	-	-	15 585	-	6 572	-	-	-
Costa Rica	11 625	1 551	-	-	2 748	-	-	1 457	780	1 323	-	2 304	1 128	256	-	78
Cuba	7 922	718	794	942	685	493	288	789	457	427	465	1 086	582	76	58	62
Ecuador (h)	3 616	145	-	-	309	-	-	290	406	378	391	933	545	208	-	11
Jamaica	1 251	48	78	114	72	50	46	112	38	56	112	254	182	45	20	24
Nicaragua	3 016	496	-	-	2 013	-	-	-	-	-	-	507	-	-	-	-
Paraguay (e)	16 794	4 386	-	-	5 570	-	-	1 978	976	938	b)-1 641	-	b) 899	b)-406	-	-
Peru (e)	44 773	2 208	3 139	3 555	3 032	2 498	1 982	5 213	3 164	2 708	2 722	9 009	3 913	516	305	809
Bahama Islands (h)	2	-	-	-	-	-	-	1	-	-	-	-	1	-	-	-
LEPROSY (060)																
Bolivia	5	-	-	1	-	-	-	-	-	-	-	4	-	-	-	-

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

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

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

(d) Differing age grouping: 3-6, 7-14.

(e) Reporting area.

(h) Hospital data.

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

(k) Differing age grouping: 25-39, 40 and over.

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

TABLE IV. REPORTED CASES OF SELECTED NOTIFIABLE DISEASES BY AGE IN THE AMERICAS, 1964 (continued)

Disease and area	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		
LEPROSY (060) (cont.)																	
Canada (a)	2	-	-	-	-	-	-	-	-	-	b)	1	b)	-	b)	-	1
Colombia	288	-	7	-	-	11	-	-	29	-	-	156	-	-	-	85	-
Costa Rica	28	-	-	-	-	-	-	-	-	1	-	8	10	9	-	-	-
Cuba	156	-	-	-	1	-	1	4	8	10	21	51	44	8	8	-	-
Ecuador	356	-	-	-	-	28	-	-	-	-	-	-	-	-	328	-	-
Jamaica	17	-	-	-	-	-	-	2	1	-	-	4	7	1	1	-	1
Nicaragua	10	-	-	-	-	-	-	-	-	-	-	-	-	-	10	-	-
Paraguay (e)	339	-	-	-	-	3	-	2	5	18	b)	149	b)	122	b)	40	-
Peru (e)	87	-	-	-	-	-	-	6	14	11	11	32	10	1	1	1	1
Bahama Islands (h)	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Barbados	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
British Guiana	* 14	-	-	-	-	-	-	1	1	-	3	5	3	1	-	-	-
French Guiana	48	-	-	-	1	2	5	19	1	-	-	7	5	5	-	-	3
Surinam (e)	264	-	-	-	-	5	6	75	54	19	21	44	29	8	-	-	3
MALARIA (110-117)																	
Bolivia	73	-	1	4	2	3	2	8	3	5	4	30	9	2	-	-	-
Colombia	20 340	816	-	-	-	2 774	-	-	5 693	-	-	8 843	-	-	2 214	-	-
Costa Rica	1 210	24	-	-	-	188	-	-	472	-	234	184	67	7	-	-	34
Cuba	624	3	3	9	12	19	13	70	70	121	103	146	41	2	2	2	10
Jamaica	2	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-
Peru	1 934	9	17	91	115	130	111	362	245	259	214	305	57	3	1	1	15
Bahama Islands (h)	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
French Guiana	37	-	-	-	2	2	-	4	6	2	4	4	2	-	-	-	11
Surinam	1 681	16	51	137	156	166	141	459	153	94	62	121	50	5	-	-	70
MEASLES (085)																	
Bolivia	415	17	45	90	48	42	33	100	22	12	3	2	1	-	-	-	-
Chile	35 941	8 265	-	-	-	20 809	-	4 794	1 134	267	142	147	10	7	-	-	366
Colombia	32 668	7 129	-	-	-	16 833	-	7 571	-	-	979	-	-	126	-	-	-
Costa Rica	3 088	346	-	-	-	1 707	-	588	153	52	-	40	1	-	-	-	201
Cuba	2 151	85	176	269	235	197	152	451	320	139	50	66	6	1	1	1	3
Ecuador (h)	900	53	-	-	-	295	-	284	137	64	35	30	2	-	-	-	4
Jamaica	142	3	16	17	18	12	12	34	14	5	5	2	-	-	-	-	-
Nicaragua	559	139	-	-	-	403	-	-	-	-	-	-	-	-	17	-	-
Paraguay (e)	740	111	-	-	-	443	-	140	24	14	b)	8	b)	-	b)	-	-
Peru (e)	20 230	479	2 407	4 401	3 390	2 590	2 024	3 631	3 288	225	73	66	6	-	-	-	110
Venezuela (f)	11 811	445	1 442	2 427	2 122	1 609	1 126	2 097	377	70	32	35	5	2	2	2	20
Bahama Islands (h)	7	-	-	1	-	1	-	4	-	-	1	-	-	-	-	-	-
Guadeloupe	6	-	-	-	-	-	1	3	-	1	1	-	-	-	-	-	-
MENINGOCOCCAL INFECTIONS (057)																	
Bolivia	9	-	1	2	-	-	-	1	1	1	1	1	-	-	-	-	1
Canada (a)	115	19	-	-	-	17	-	5	6	5	b)	3	b)	3	b)	2	55

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

(f) Organized reporting area.

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

(h) Hospital data.

(e) Reporting area.

TABLE IV. REPORTED CASES OF SELECTED NOTIFIABLE DISEASES BY AGE IN THE AMERICAS, 1964 (continued)

Disease and area	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
MENINGOCOCCAL INFECTIONS (057) (cont.)																
Colombia	462	160		213					59		24			6		-
Costa Rica	15	8		3				2	-	1			1	-	-	-
Cuba	18	3	4	-	-	-	1	1	-	-	2	3	3	1	-	-
Ecuador (h)	2	-	-	-	-	-	-	-	1	-	-	-	-	1		-
Jamaica	15	3	3	1	1	-	-	2	-	1	-	2	-	-	-	2
Peru (e)	94	5	7	1	14	3	18	18	10	2	7	8	-	-	1	-
United States (a)	2 826	460		720				274	151	242	236	c) 118	c) 127	c) 59	439	
Venezuela (f)	7	-	4	-	1	-	-	-	-	1	-	-	1	-	-	-
Barbados	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
Puerto Rico	37	15		3	2	4	1	2	3	4	-	c) 1	c) 2	c) 1	-	-
POLIOMYELITIS, ACUTE (080)																
Bolivia	10	-	-	-	3	2	2	2	1	-	-	-	-	-	-	-
Chile	363	72		223				36	12	3	1	2	1	-	-	13
Colombia	755	111		539				88		17						
Costa Rica	10	-	-	7				3	-	-	-	-	-	-	-	-
Cuba	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Ecuador (m)	89	17		56				8	2	4	-	2	-	-	-	-
Jamaica	57	-	3	27	7	8	2	5	-	-	-	1	1	-	-	3
Mexico (m)	404	120		213		d)	50	d)	21							
Nicaragua (m)	47	12		32									3			
Paraguay (e)	40	4		31				2	1	-	b) 2	b) 2	b) 1	-	-	-
Peru (e)	609	30	183	295	61	13	9	16	2	-	-	-	-	-	-	-
United States	122	16		37				22	8	9	3	26			1	
Venezuela (f)	149	12	43	37	25	8	7	9	3	1	-	3	-	-	-	1
Bahama Islands (h, m)	45	-	5	17	11	3	5	1	-	-	1	1	1	-	-	-
SCARLET FEVER (050)																
Bolivia	40	-	3	3	6	2	6	10	4	3	-	2	1	-	-	-
Canada (a, n)	10 605	48		630				1 283	630	322	b) 420	b) 125	b) 21	7 126		
Chile	2 218	65		824				846	295	60	35	56	8	1	28	
Colombia	325	35		114				126		44			6			
Costa Rica	17	-	-	5				5	3	-	-	2	-	-	-	2
Cuba	34	-	1	1	3	1	2	13	7	2	2	2	-	-	-	-
Ecuador (h)	2	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-
Jamaica	19	-	-	2	-	2	4	7	-	3	1	-	-	-	-	-
Peru (e)	409	10	24	39	62	40	29	139	45	12	5	4	-	-	-	-
Bahama Islands (h)	102	3	13	28	20	18	5	10	1	1	2	-	-	-	-	1
SYPHILIS (020-029)																
Bolivia (o)	124	3	3	1	-	1	2	2	4	31	27	33	15	1		1
Canada (a)	2 771	7		4				2	10	120	b) 1 144	b) 776	b) 424	284		

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

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

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

(d) Differing age grouping: 3-6, 7-14.

(e) Reporting area.

(f) Organized reporting area.

(h) Hospital data.

(m) Paralytic poliomyelitis (080.0, 080.1).

(n) Including streptococcal sore throat (051).

(o) Early syphilis (021).

TABLE IV. REPORTED CASES OF SELECTED NOTIFIABLE DISEASES BY AGE IN THE AMERICAS, 1964 (continued)

Disease and area	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.)																	
Colombia (p)	14 992	75			99			839			12 999			980		-	
Costa Rica	1 170	6			7			5	15	448		525	121	28		15	
Cuba	1 863	6	2	7	2	3	2	6	15	142	363	850	349	77	34	5	
Ecuador (h)	228	4			3			2	3	27	18	72	71	27		1	
Jamaica	1 774	1	2	1	1	-	1	11	15	187	292	781	421	52	8	1	
Nicaragua	1 029	4						57				823				145	
Paraguay (e)	2 008	15			8			10	23	318	b)-1 255		b) 336	b)-43		-	
Peru (e)	3 397	19	7	9	10	2	5	29	29	627	939	1 440	233	19	12	17	
United States (o)	22 968				292					3 596	6 454	9 705	k)	2 921		-	
Bahama Islands (h)	40	2	-	-	-	-	-	1	1	-	2	10	21	1	-	2	
French Guiana	54	-	-	-	-	-	-	-	1	6	11	26	9	1	-	-	
Puerto Rico (o)	849				15					165	183		486			-	
Surinam (e)	259	-	-	-	-	1	-	-	5	32	48	126	33	9	3	2	
Virgin Islands (US) (o)	29	-	-	-	-	-	-	-	-	2	11		16			-	
TETANUS (061)																	
Bolivia	10	1	1	-	1	-	-	2	-	-	-	4	1	-	-	-	
Canada (a)	15	-	-	-	-	-	-	-	-	-	b)-		b) 2	b)-2		11	
Colombia	980	528			100			139			170			43		-	
Costa Rica	50	13			5			16	2	3		1	5	1		4	
Cuba	412	80	1	9	3	4	6	21	18	11	24	96	86	25	23	5	
Ecuador (h)	355	36			28			62	34	29	24	82	45	15		-	
Jamaica	104	52	-	3	-	5	4	5	11	5	2	4	9	2	-	2	
Mexico	829	284		18	d)-	57	d)-	177				293				-	
Nicaragua	50	9			21							20				-	
Paraguay (e)	142	65			4			14	15	8	b)-19		b) 7	b)-10		-	
Peru (e)	266	163	13	3	3	3	2	15	20	5	5	21	13	-	-	-	
United States (a)	289	17			15			15	10	6	6	c) 30	c) 70	c)-66		54	
Venezuela (f)	322	134	2	7	10	1	3	28	14	11	18	46	38	6	4	-	
Bahama Islands (h)	21	8	-	-	-	-	1	3	1	1	-	3	3	1	-	-	
French Guiana	4	-	-	-	-	-	-	-	1	-	1	2	-	-	-	-	
Guadeloupe	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	
Puerto Rico	165	19		1	9	4	5	25	19	8	7	c) 16	c) 25	c)-25		2	
TUBERCULOSIS (001-019)																	
Bolivia (g)	1 471	9	8	34	17	15	18	84	83	191	207	470	241	79		15	
Canada (r)	4 541			269				283	169	306	b)-1 417		b) 1 214	b)-883		-	
Colombia (q)	13 128	546			1 595			2 519			6 151			2 317		-	
Cuba	3 909	7	29	55	44	41	27	136	79	144	221	1 118	1 444	355	190	19	
Ecuador (h)	2 582	52			149			159	166	189	247	880	526	202		12	
Jamaica	362	9	9	28	14	13	9	17	6	11	16	98	70	16	-	46	
Nicaragua	1 241	4						54				1 183				-	
Paraguay (e)	1 447	16			68			36	33	123	b)-609		b) 444	b)-118		-	
Peru (e)	26 869	119	183	427	453	407	449	2 121	1 973	3 198	3 644	9 251	3 633	577	311	123	
United States (r)	50 874			2 778				3 202		4 447		14 019	16 106	9 341		981	

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

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

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

(d) Differing age grouping: 3-6, 7-14.

(e) Reporting area.

(f) Organized reporting area.

(h) Hospital data.

(k) Differing age grouping: 25-39, 40 and over.

(o) Early syphilis (021).

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

(q) Respiratory tuberculosis (001-008).

(r) Newly reported active cases.

TABLE IV. REPORTED CASES OF SELECTED NOTIFIABLE DISEASES BY AGE IN THE AMERICAS, 1964 (continued)

Disease and area	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.)																	
Barbados	79	1	3	2	4	4	-	1	3	5	4	23	21	7	1	-	
British Guiana	195	-	1	-	3	1	1	7	12	24	32	63	45	3	3	-	
French Guiana	27	-	-	-	-	-	-	3	2	1	-	7	6	5	2	1	
Puerto Rico (r)	1 685	145			227			225			408	440	211		29		
Surinam (e)	162	1	4	4	1	1	2	4	4	7	23	51	33	13	5	9	
TYPHOID FEVER (040)																	
Bolivia	131	-	3	6	5	3	1	30	24	22	12	18	5	1		1	
Canada (a, s)	195	1		14				10	6	5	b)	5	b)	8	b)	5	141
Chile (s)	4 732	33		193				708	1 051	966	657	871	138	15		100	
Colombia (s)	12 055	174		1 138				4 121		5 698			924			-	
Costa Rica	77	-	-	5				9	9	18		22	4	-	-	10	
Cuba	1 158	4	7	17	15	20	26	201	180	126	165	288	78	5	6	20	
Ecuador (s)	2 181	1		54				306	507	408	256	c) 357	c) 139	c)	24	129	
Jamaica	214	-	-	6	3	14	17	51	25	17	21	32	15	1	-	12	
Mexico	5 568	103		198		d) 410		d) 1 737		3 120			103			-	
Nicaragua	174	-	-	35				8		9	6	b)	15	b)	7	b)	5
Paraguay (e, s)	51	-	-	1				8	9	6	b)	15	b)	7	b)	5	-
Peru (e, s)	5 720	40	122	221	192	196	227	1 082	918	749	550	1 112	241	21	15	34	
United States (a)	501	4		70				85	72	34	24	c) 71	c) 57	c)	31	53	
Venezuela (f, s)	326	2	1	5	4	6	13	74	48	26	35	90	12	4	2	4	
WHOOPING COUGH (056)																	
Bolivia	144	8	12	23	20	16	11	42	9	3	-	-	-	-	-	-	
Canada (a)	4 844	109		148				246	75	15	b)	5	b)	2	b)	-	4 244
Chile	5 279	1 348		2 493				1 094	193	17	10	9	1	3		111	
Colombia	32 435	8 406		16 537				6 852		5 41			99			-	
Costa Rica	1 529	306		801				327	41	18		6	1	-	-	29	
Cuba	328	37	51	58	44	15	19	68	27	2	2	2	1	-	-	2	
Ecuador (h)	276	23		119				113	15	1	1	-	2	2		-	
Jamaica	651	67	102	131	86	72	58	105	13	1	3	3	2	-	-	8	
Nicaragua	556	89		457				10			10			10		-	
Paraguay (e)	1 601	364		716				431	81	5	b)	3	b)	1	b)	-	
Peru (e)	20 409	1 455	2 526	3 265	3 090	2 633	2 290	4 276	644	59	32	55	3	1	4	76	
Venezuela (f)	14 336	1 528	1 810	2 308	2 010	1 633	1 285	3 186	457	36	19	36	5	1	-	22	
Bahama Islands (h)	6	4	1	-	-	-	1	-	-	-	-	-	-	-	-	-	

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

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

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

(d) Differing age grouping: 3-6, 7-14.

(e) Reporting area.

(f) Organized reporting area.

(h) Hospital data.

(r) Newly reported active cases.

(s) Including paratyphoid fever (041).

TABLE IV. REPORTED CASES OF SELECTED NOTIFIABLE DISEASES BY AGE IN THE AMERICAS, 1964 (continued)

Disease and area	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	
YAWS (073)																
Colombia	225	3		41				102			58		21			-
Ecuador (h)	7	-	-	-	-	-	-	-	-	1	3	2	1	-	-	-
Jamaica	215	-	-	2	6	8	21	86	60	10	3	9	4	-	1	5
Peru (e)	19	-	-	1	-	-	-	6	4	2	2	2	2	-	-	-

(e) Reporting area.

(h) Hospital data.

TABLE V. REPORTED CASES OF SELECTED NOTIFIABLE DISEASES BY MAJOR POLITICAL DIVISIONS OF EACH COUNTRY, IN THE AMERICAS, 1964

Country and major political divisions	Number	Country and major political divisions	Number	Country and major political divisions	Number
L E P R O S Y					
Argentina	1 502	Canada	2	Dominican Republic (cont.)	
Federal Capital	40	Provinces:		Provinces:	
Provinces:		Ontario	1	San Juan	1
Buenos Aires	125	Saskatchewan	1	Ecuador	356
Catamarca	2	Colombia	288	Provinces:	
Chaco	128	Departments:		Azuay	31
Chubut	1	Antioquia	49	Cañar	10
Cordoba	118	Atlantico	1	El Oro	62
Corrientes	34	Bolivar	8	Guayas	72
Entre Rios	94	Boyaca	22	Loja	56
Formosa	117	Caldas	12	Los Rios	78
Jujuy	3	Cauca	9	Manabi	32
Misiones	140	Choco	7	Pichincha	15
Neuquen	1	Cordoba	3	El Salvador (b)	12
Rio Negro	1	Cundinamarca	87	Guatemala (b)	100
Salta	21	Huila	7	Haiti (b)	≠ 8
San Juan	1	Magdalena	6	Honduras (c)	53
San Luis	1	Meta	3	Departments:	
Santa Fe	572	Nariño	4	Cholulteca	40
Santiago del Estero	6	Norte de Santander	17	Valle	13
Tucuman	97	Santander	25	Jamaica	17
Bolivia	5	Tolima	9	Parishes:	
Departments:		Valle del Cauca	12	Hanover	1
Beni	4	Intendencies and		Kingston	3
Cochabamba	1	Commissaries	7	Manchester	2
Brazil (a)	5 324	Costa Rica	28	Portland	1
Federal District	69	Provinces:		St. Andrew	2
States:		Alajuela	7	St. Catherine	5
Acre	105	Cartago	2	St. Mary	1
Alagoas	1	Guanacaste	2	Westmoreland	2
Bahia	67	Heredia	1	Mexico	1 132
Ceara	86	Limon	1	Federal District	60
Espirito Santo	73	Puntarenas	4	States:	
Goiias	250	San Jose	11	Aguascalientes	18
Guanabara	375	Cuba	156	Baja California	12
Maranhão	112	Provinces:		Campeche	3
Mato Grosso	67	Camaguey	1	Chihuahua	4
Minas Gerais	967	La Habana	54	Coahuila	2
Para	248	Las Villas	22	Colima	15
Paraiba	19	Matanzas	4	Durango	21
Parana	563	Oriente	69	Guanajuato	155
Pernambuco	92	Pinar del Rio	6	Guerrero	51
Piaui	52	Dominican Republic	43	Jalisco	218
Rio de Janeiro	174	Provinces:		Mexico	9
Rio Grande do Norte	3	Espaillat	2	Michoacan	173
Rio Grande do Sul	131	La Vega	1	Morelos	34
Santa Catarina	47	Pedernales	3		
São Paulo	1 793	Puerto Plata	2		
Territories:		San Cristobal	34		
Amapa	6				
Rondonia	24				

(a) Data not available for the States of Amazonas and Sergipe and the Territory of Roraima.

(b) Cases not specified by major political divisions.

(c) Reporting area.

TABLE V. REPORTED CASES OF SELECTED NOTIFIABLE DISEASES BY MAJOR POLITICAL DIVISIONS OF EACH COUNTRY, IN THE AMERICAS, 1964 (continued)

Country and major political divisions	Number	Country and major political divisions	Number	Country and major political divisions	Number
LEPROSY (cont.)					
Mexico (cont.)		Trinidad and Tobago (b)	25	Venezuela (cont.)	
States:		United States	97	States:	
Nayarit	29	States:		Lara	23
Nuevo Leon	1	Arizona	1	Merida	3
Oaxaca	3	California	28	Miranda	6
Queretaro	4	Colorado	1	Monagas	4
San Luis Potosi	4	Florida	1	Nueva Esparta	6
Sinaloa	189	Hawaii	10	Portuguesa	9
Sonora	53	Kansas	1	Sucre	4
Tamaulipas	1	Louisiana	2	Tachira	7
Veracruz	6	Maryland	1	Trujillo	7
Yucatan	16	Minnesota	2	Zulia	28
Zacatecas	51	New York	4		
Nicaragua	10	North Carolina	1	Antigua	2
Departments:		Texas	45	Bahama Islands	(d) 1
Chinandega	6	Uruguay	≠ 19	Barbados	1
Granada	1	Departments:		Parish:	
Leon	1	Artigas	1	St. Lucy	1
Managua	1	Montevideo	11	British Guiana	* 14
Matagalpa	1	Paysandu	3	Counties:	
Panama	8	Rio Negro	1	Demerara	13
Provinces:		Salto	3	Essequibo	1
Chiriqui	5	Venezuela (c)	183	French Guiana	48
Panama	3	Federal District	8	Guadeloupe	41
Paraguay (b,c)	339	States:		Martinica	≠ 46
Peru (c)	87	Anzoategui	4	Netherlands Antilles	7
Departments:		Apure	19	Island of Aruba	7
Apurimac	1	Aragua	5	St. Lucia	≠ 4
Callao	1	Barinas	21	Surinam (c)	264
Huanuco	2	Bolivar	7		
Lima	5	Carabobo	5		
Loreto	74	Falcon	7		
Piura	1	Guarico	10		
San Martin	3				
M A L A R I A					
Argentina	(e) 550	Bolivia	73	Brazil (cont.)	
Provinces:		Departments:		States:	
Chaco	406	Beni	16	Amazonas	2 849
Corrientes	3	La Paz	4	Bahia	8 685
Formosa	22	Potosi	1	Ceara	5 241
Jujuy	42	Santa Cruz	25	Espirito Santo	8 510
Misiones	11	Tarija	27	Goiás	14 141
Salta	64	Brazil	(e) 111 278	Guanabara	38
Santiago del Estero	2	States:		Maranhao	10 689
		Acre	391	Mato Grosso	3 746
		Alagoas	43	Minas Gerais	6 608
				Para	16 878

(b) Cases not specified by major political divisions.

(d) Hospital data.

(c) Reporting area.

(e) Confirmed cases.

TABLE V. REPORTED CASES OF SELECTED NOTIFIABLE DISEASES BY MAJOR POLITICAL DIVISIONS OF EACH COUNTRY, IN THE AMERICAS, 1964 (continued)

Country and major political divisions	Number	Country and major political divisions	Number	Country and major political divisions	Number
M A L A R I A (cont.)					
Brazil (cont.)		Cuba	(e) 624	El Salvador (b)	(e) 25 857
States:		Provinces:		Guatemala	(e) 20 401
Paraíba	562	La Habana	4	Departments:	
Paraná	2 198	Las Villas	2	Alta Verapaz	943
Pernambuco	5 247	Matanzas	1	Baja Verapaz	320
Piauí	5 505	Oriente	617	Chimaltenango	497
Rio de Janeiro	853	Dominican Republic	6 214	Chiquimula	76
Rio Grande do Norte	55	National District	88	El Progreso	181
Santa Catarina	12 365	Provinces:		Escuintla	8 512
São Paulo	1 771	Azua	23	Guatemala	410
Sergipe	43	Bahoruco	172	Huehuetenango	300
Territories:		Barahona	188	Izabal	206
Amapá	2 238	Dajabón	242	Jalapa	135
Rondonia	1 569	Duarte	259	Jutiapa	1 216
Roraima	1 053	El Seibo	575	Peten	109
Canada	2	Españat	166	Quezaltenango	877
Provinces:		Independencia	167	Quiché	393
Quebec	1	La Altagracia	4	Retalhuleu	2 718
Ontario	1	La Romana	19	Sacatepequez	5
Colombia	20 340	La Vega	314	San Marcos	1 076
Departments:		Maria Trinidad Sanchez	316	Santa Rosa	349
Antioquia	5 300	Monte Cristi	239	Solola	221
Atlántico	1	Pedernales	191	Suchitepequez	1 767
Bolívar	355	Peravia	53	Totonicapán	51
Boyacá	395	Puerto Plata	276	Zacapa	39
Caldas	526	Salcedo	81	Haiti (b)	≠ 20 084
Cauca	433	Samana	173	Honduras	(e) 6 673
Choco	583	San Cristobal	626	Departments:	
Córdoba	885	San Juan	774	Atlántida	131
Cundinamarca	323	San Pedro de Macoris	74	Choluteca	2 379
Guajira	6	San Rafael	906	Colón	93
Huila	49	Sanchez Ramirez	57	Comayagua	116
Magdalena	548	Santiago	31	Copán	23
Meta	2 691	Santiago Rodriguez	197	Cortés	96
Nariño	161	Valverde	3	El Paraíso	284
Norte de Santander	744	Ecuador	(e, f) 4 694	Francisco Morazan	344
Santander	4 987	Provinces:		Gracias a Dios	166
Tolima	441	Azuay	1	Intibucá	32
Valle del Cauca	1 125	Bolívar	1	La Paz	110
Intendencias and commissaries	787	Cañar	71	Lempira	18
Costa Rica	(e) 1 210	Chimborazo	24	Ocotepeque	4
Provinces:		Cotopaxi	3	Olancho	572
Alajuela	40	El Oro	219	Santa Barbara	39
Guanacaste	676	Esmeraldas	256	Valle	2 142
Heredia	1	Guayas	1 183	Yoro	124
Limon	80	Loja	108	Jamaica	2
Puntarenas	396	Los Rios	953	Parishes:	
San Jose	17	Manabi	686	Hanover	1
		Pichincha	822	St. Andrew	1
		Región Oriental	369		

(b) Cases not specified by major political divisions.

(e) Confirmed cases.

(f) Discrepancy between total cases and data by major political divisions.

TABLE V. REPORTED CASES OF SELECTED NOTIFIABLE DISEASES BY MAJOR POLITICAL DIVISIONS OF EACH COUNTRY, IN THE AMERICAS, 1964 (continued)

Country and major political divisions	Number	Country and major political divisions	Number	Country and major political divisions	Number
M A L A R I A (cont.)					
Mexico	(e) 13 342	Panama	1 766	United States (cont.)	
Federal District	3	Provinces:		States:	
States:		Bocas del Toro	142	Nebraska	1
Campeche	12	Chiriqui	636	New Jersey	6
Chiapas	2 870	Cocle	65	New York	16
Chihuahua	80	Colon	238	North Carolina	6
Coahuila	4	Darien	97	Oklahoma	2
Colima	43	Herrera	34	Oregon	1
Durango	84	Los Santos	159	Pennsylvania	11
Guanajuato	20	Panama	231	Tennessee	1
Guerrero	2 516	Veraguas	164	Vermont	2
Hidalgo	167			Virginia	4
Jalisco	178	Paraguay (b)	(e) 8 846	Washington	1
Mexico	45			West Virginia	1
Michoacan	600	Peru	(e) 1 934	Wisconsin	2
Morelos	159	Departments:		Wyoming	1
Nayarit	261	Amazonas	60		
Nuevo Leon	95	Ancash	10	Venezuela (h)	5 215
Oaxaca	3 472	Apurimac	27	States:	
Puebla	431	Arequipa	3	Anzoategui	7
Queretaro	59	Ayacucho	239	Apure	1 366
San Luis Potosi	177	Cajamarca	256	Barinas	1 992
Sinaloa	1 135	Cuzco	91	Bolivar	312
Sonora	212	Huancavelica	1	Merida	278
Tabasco	21	Huanuco	4	Sucre	112
Tamaulipas	55	Junin	248	Tachira	682
Tlaxcala	2	La Libertad	4	Zulia	135
Veracruz	476	Lambayeque	9	Federal Territory:	
Yucatan	129	Lima	11	Amazonas	331
Zacatecas	17	Loreto	677		
Territories:		Madre de Dios	30	Bahama Islands	4
Baja California	1	Pasco	38		
Quintana Roo	18	Piura	185	British Guiana	(e) 225
		Puno	5	Counties:	
Nicaragua	(e) 13 016	San Martin	36	Demerara	2
Departments:				Essequibo	223
Boaco	70	Trinidad and Tobago (b)	3		
Carazo	186			British Honduras	(e) 35
Chinandega	2 580	United States (g)	93	Districts:	
Chontales	172	States:		Belice	1
Esteli	1 551	Arizona	1	Corozal	33
Granada	186	Arkansas	1	Cayo	1
Jinotega	247	California	16		
Leon	2 007	Connecticut	1	Canal Zone	≠ 9
Madriz	650	Florida	2		
Managua	2 991	Illinois	3	French Guiana	37
Masaya	255	Kansas	1		
Matagalpa	336	Kentucky	3	St. Lucia	(e) 4
Nueva Segovia	171	Louisiana	1		
Rio San Juan	220	Maryland	3	Surinam	(e) 1 681
Rivas	322	Massachusetts	2		
Zelaya	1 072	Minnesota	3		
		Missouri	1		

(b) Cases not specified by major political divisions.

(e) Confirmed cases.

(g) Including cases acquired outside the country.

(h) Data exclude 669 cases acquired outside the country.

TABLE V. REPORTED CASES OF SELECTED NOTIFIABLE DISEASES BY MAJOR POLITICAL DIVISIONS OF EACH COUNTRY, IN THE AMERICAS, 1964 (continued)

Country and major political divisions	Number	Country and major political divisions	Number	Country and major political divisions	Number
P L A G U E					
Bolivia	49	Brazil (cont.)		Ecuador (cont.)	
Department:		States:		Provinces:	
Chuquisaca	49	Paraíba	2	Loja	20
		Pernambuco	66	Manabi	108
Brazil	285	Ecuador	194	Peru	125
States:		Provinces:		Departments:	
Alagoas	60	Chimborazo	31	Amazonas	37
Bahia	12	El Oro	27	Piura	88
Ceara	145	Guayas	8		
S M A L L P O X					
Argentina	(i) 13	Brazil (cont.)		Colombia (cont.)	
Provinces:		States:		Departments:	
Corrientes	(j) 8	Guanabara	61	Choco	17
Jujuy	(k) 3	Maranhão	26	Ecuador (b)	(d) 42
Misiones	1	Mato Grosso	56	Paraguay	7
Salta	1	Minas Gerais	487	Department:	
Bolivia	5	Para	26	San Pedro	7
Department:		Paraíba	15		
Santa Cruz	5	Parana	133	Peru	454
		Pernambuco	114	Departments:	
Brazil	2 673	Piaui	15	Huanuco	2
States:		Rio de Janeiro	67	Loreto	395
Acre	1	Rio Grande do Norte	20	San Martin	57
Alagoas	18	Rio Grande do Sul	494	Uruguay	(k) 3
Amazonas	5	Santa Catarina	38	Department:	
Bahia	14	São Paulo	804	Artigas	(k) 3
Ceara	55	Colombia	21		
Espírito Santo	21	Departments:			
Goias	203	Antioquia	1		
		Bolívar	3		
T Y P H U S , L O U S E - B O R N E					
Bolivia	64	Ecuador	80	Mexico	86
Departments:		Provinces:		States:	
Chuquisaca	18	Azuay	22	Mexico	7
La Paz	39	Bolívar	1	Michoacan	13
Not stated	7	Carchi	4	Oaxaca	66
		Chimborazo	3	Peru	44
Chile	4	Cotopaxi	17	Departments:	
Provinces:		Imbabura	10	Huancavelica	4
Cautin	3	Loja	5	Huanuco	6
Linares	1	Pichincha	12	Junin	2
		Tungurahua	6	Moquegua	22
Colombia	1			Puno	10
Department:					
Santander	1				

(b) Cases not specified by major political divisions.

(d) Hospital data.

(i) Including 10 imported cases.

(j) Including 7 imported cases.

(k) Imported cases.

TABLE V. REPORTED CASES OF SELECTED NOTIFIABLE DISEASES BY MAJOR POLITICAL DIVISIONS OF EACH COUNTRY, IN THE AMERICAS, 1964 (continued)

Country and major political divisions	Number	Country and major political divisions	Number	Country and major political divisions	Number
Y A W S					
Colombia	225	Dominican Republic (cont.)		Peru (c)	19
Departments:		Provinces:		Departments:	
Antioquia	3	Santiago	1	Huanuco	3
Bolívar	3	Ecuador (b)	(d) 7	Junin	1
Caldas	60	Haiti (b)	≠ 86	Loreto	13
Cauca	47	Jamaica	215	San Martín	2
Choco	47	Parishes:		Venezuela (c)	140
Córdoba	9	Clarendon	14	States:	
Cundinamarca	14	Kingston	5	Aragua	1
Huila	1	Portland	6	Barinas	1
Magdalena	4	St. Andrew	14	Carabobo	1
Meta	1	St. Ann	4	Guarico	1
Nariño	18	St. Catherine	12	Merida	26
Santander	1	St. Elizabeth	1	Miranda	16
Tolima	1	St. James	1	Monagas	3
Valle del Cauca	15	St. Mary	90	Nueva Esparta	1
Intendencias and commissaries	1	St. Thomas	59	Sucre	87
Dominican Republic	31	Trelawny	4	Tachira	1
National District	4	Westmoreland	5	Zulia	2
Provinces:		Panama	8	Antigua	1
Dajabon	17	Provinces:		British Guiana	* 2
El Seibo	3	Bocas del Toro	3	County:	
Españillat	1	Chiriqui	2	Berbice	2
Independencia	1	Panama	3	Dominica	≠ 22
La Vega	1			St. Lucia	≠ 429
Monte Cristi	2				
Peravia	1				
YELLOW FEVER, JUNGLE					
Bolivia	13	Brazil (cont.)		Peru	60
Departments:		Territory:		Departments:	
La Paz	10	Roraima	1	Huancavelica	10
Santa Cruz	3	Colombia	10	Huanuco	19
Brazil	13	Departments:		Junin	29
States:		Caldas	5	San Martín	2
Goiás	2	Santander	1	Venezuela	2
Mato Grosso	10	Intendency:		State:	
		Caqueta	4	Bolívar	2

(b) Cases not specified by major political divisions.

(d) Hospital data.

(c) Reporting area.

TABLE VI. REPORTED CASES OF SELECTED ZOOSES IN MAN AND ANIMALS IN THE AMERICAS, 1964

Disease and area	Number		Remarks on cases in animals	Disease and area	Number		Remarks on cases in animals
	Man	Animals			Man	Animals	
ANTHRAX				BRUCELLOSIS (cont.)			
Argentina	269	(14)	Number of foci; data for 3 months (a)	United States	411	(62 074)	Number of infected herds; cattle 60 045, equine 44, goats 27, sheep 2, swine 1 950, other 6
Brazil	...	(9)	Number of foci (a)	Uruguay	≠	4	Cattle (a)
Canada	-	8	Year 1964-65	Venezuela	c)	7	1 184 Positive reactors; animals examined 15 100
Chile	232	849		Barbados	*	...	Low incidence
Colombia	42	...		British Guiana	-	4	Dairy cattle
Costa Rica	12	204	Data for 4 months (a)	Puerto Rico	-	(812)	Number of infected herds; cattle 788, equine 4, swine 20
Ecuador	b)	3		ENCEPHALITIS, ARTHROPOD-BORNE			
El Salvador	114	27	Data for 6 months (a)	Brazil	...	(4)	Number of foci; equine (a)
Guatemala	*	132	Data for 6 months (a)	Canada	5	...	
Haiti	≠	51		Ecuador	...	...	Present in equine in Chone Canton
Honduras	c)	1	Cattle; incomplete data (a)	Jamaica	1	...	
Mexico	71	314		Panama	8	...	
Nicaragua	...	51	Data for 6 months (a)	United States	...	(1 817)	Number of infected herds; equine
Panama	3	...		Venezuela	c)	11 540	710 Equine
Paraguay	c)	1	Sporadic incidence in cattle	Surinam	...	...	A few clinical cases in horses
Peru	c)	58		HYDATIDOSIS			
United States	5	(87)	Number of infected herds; cattle 61, swine 3, sheep 2, mink 1 (a)	Argentina	377	...	
Uruguay	≠	46		Chile	145	161 284	In slaughter houses; cattle 58 953, goats 109, sheep 68 545, swine 35 677; animals examined 1 127 848
Venezuela	c)	9	85	Ecuador	b)	1	...
BRUCELLOSIS				Panama	4	...	
Argentina	2 102	...		Paraguay	...	285	In slaughter houses; cattle; animals examined 183 096
Brazil	...	(102)	Number of foci; cattle 95, swine 7 (a)	Peru	c)	144	27 451 In slaughter houses; cattle 10 599, goats 603, sheep 15 690, swine 559; animals examined 363 457
Canada	54	...	Incidence level 1.5 per cent for year 1964-65	Uruguay	≠	251	...
Chile	2	9 912	Positive reactors; animals examined 84 869	LEPTOSPIROSIS			
Colombia	62	...		Argentina	3	...	
Costa Rica	4	1 232	Positive reactors; animals examined 29 101	Canada	...	...	Low sporadic incidence
Cuba	53	...		Chile	2	...	
Ecuador	b)	1	Positive reactors 2.4 per cent of 4 721 animals tested; year 1964-65	Ecuador	b)	3	121 Cattle; year 1964-65
El Salvador	3	523	Cattle; data for 6 months (a)				
Guatemala	*	417	Cattle				
Honduras	c)	12	6 Cases in northern region				
Jamaica	-	145	Cattle				
Mexico	1 335	54	Cattle (a)				
Nicaragua	...	5	Cattle; data for 6 months(a)				
Panamá	3	236					
Paraguay	c)	8	High incidence in cattle				
Peru	c)	842					

(a) Source: The International Office of Epizootics, Statistiques 1964.

(b) Hospital data.

(c) Data for reporting area.

TABLE VI. REPORTED CASES OF SELECTED ZOOSES IN MAN AND ANIMALS IN THE AMERICAS, 1964 (continued)

Disease and area	Number		Remarks on cases in animals	Disease and area	Number		Remarks on cases in animals
	Man	Animals			Man	Animals	
LEPTOSPIROSIS (cont.)				TRYPANOSOMIASIS			
Honduras	*	1	Dog; incomplete data	Argentina	1 592	...	
Jamaica	23	...		Costa Rica	2	...	
Panama	2	...		Ecuador	b) 35	...	
United States	142	21 923	Cattle 12 360, dogs 6 627; equine 318, swine 2 618	El Salvador	60	...	
				Guatemala	305	...	Positive insects 1386
Barbados	9	...	Low incidence	Honduras	c) 7	...	
French Guiana	-	6	Dogs	Panama	22	1	
Puerto Rico	5	...		Peru	c) 9	...	
				Uruguay	≠ 1	...	
				Venezuela	c) 423	...	
RABIES				British Guiana	*	12	Equine
Argentina	20	2 093		TUBERCULOSIS, BOVINE			
Brazil	...	(162)	Number of foci; herbivores 81, dogs 81 (a)				
Canada	1	≠ 1 158	Dogs 122, other domestic animals 339, wild animals 697	Brazil	...	(12)	Number of foci (a)
Chile	5	≠ 218		Canada	...	...	Incidence level 0.07 per cent; year 1964-65
Colombia	195	...		Chile	...	10 026	Positive reactors; animals examined 72 341
Costa Rica	-	...	Suspected cases	Costa Rica	...	2	Positive reactors; animals examined 11 300
Cuba	-	88		Ecuador	...	...	Positive reactors 2.6 per cent of 4 967 animals tested in one province; year 1964-65
Dominican Republic	7	34		Guatemala	...	102	Cattle
Ecuador	18	≠ 68	Present in cattle	Honduras	...	402	Cases in northern region
El Salvador	5	72	Dogs, cattle	Jamaica	...	61	
Guatemala	4	274	Cats 13, cattle 2, dogs 259	Panama	...	11	
Honduras	c) 8	58	Confirmed cases	Paraguay	...	556	Of 317 202 cattle slaughtered; infection in dairy cattle approximately 25 per cent
Mexico	55	903	Cattle 842, dogs 61 (a)	Peru	...	198	Of 111 820 cattle slaughtered
Nicaragua	2	9	Cattle 4, dogs 5; data for 6 months (a)	United States	...	(2 748)	Number of tuberculin positive herds; cattle
Panama	-	3	Cattle, data for 4 months (a)	Uruguay	...	9	(a)
Peru	23	1 424	Cats 45, dogs 1 354, other 25	Venezuela	...	807	Positive reactors; animals examined 259 872
United States	1	4 780	Cattle 527, dogs 402, other domestic animals 278, wild animals 3 543, animals unconfirmed 30	Barbados	...	...	Very low incidence
Uruguay	≠ 1	...		Netherlands Antilles	...	2	Cattle; including 1 imported case
Venezuela	19	1 644	Cats and dogs 741, other (mostly cattle) 903	Puerto Rico	...	(19)	Number of tuberculin positive herds; cattle
British Guiana	*	...	Widespread in cattle in certain areas	Surinam	...	...	A few cases in one area, and in imported cattle
Puerto Rico	-	32	Confirmed cases; cats 4, cattle 3, dogs 6, other domestic animals 3, wild animals 16				

(a) Source: The International Office of Epizootics, Statistiques 1964.

(b) Hospital data.

(c) Data for reporting area.

TABLE VII. DEATHS FROM CERTAIN COMMUNICABLE DISEASES IN THE AMERICAS, 1964

Diseases	Brazil (a)	Canada	Chile	Colombia	Costa Rica	Cuba (b)	Dominican Republic	Ecuador
Amebiasis.....046	61	4	22	...	22	...	...	35
Ankylostomiasis.....129	...	-	-	626	10	...	2	36
Anthrax.....082	...	-	8	3	-	...	-	-
Botulism.....049.1	...	4	...	...	-	...	-	...
Brucellosis.....044	...	-	-	2	-	...	1	-
Chickenpox.....087	...	25	68	...	7	...	-	...
Diphtheria.....055	166	5	181	287	30	17	71	83
Dysentery, bacillary.....045	113	5	9	...	3	...	...	6
Dysentery, other and unspecified.....047, 048	236	6	40	c) 924	5	c) 34	c) 25	205
Encephalitis, acute infectious.....082	...	40	113	54	10	...	1	18
Erysipelas.....052	...	2	18	61	2	...	2	25
Filariasis.....127	...	-	-	...	-	...	1	-
Food poisoning, other.....049.0, 049.2	...	4	d) 76	...	1	...	-	d) 103
Gonococcal infection.....030-035	...	-	1	14	1	...	4	-
Hepatitis, infectious.....092	...	70	65	129	17	...	15	28
Hydatidosis.....125	...	3	41	...	-	...	2	-
Influenza.....480-483	547	300	1355	1465	96	259	15	1593
Leprosy.....060	11	-	-	97	3	...	4	8
Leptospirosis.....072	...	-	2	...	-	...	-	85
Malaria.....110-117	52	1	-	1107	7	3	50	275
Measles.....085	416	58	3264	1769	205	14	25	2048
Meningococcal infections.....057	37	38	35	16	3	3	2	5
Mumps.....089	...	3	2	...	4	...	-	...
Paratyphoid fever.....041	...	2	9	...	-	...	8	...
Plague.....058	...	-	-	-	-	-	-	9
Poliomyelitis, acute.....080	39	5	64	83	10	-	8	31
Rabies.....094	28	1	5	40	-	-	3	20
Relapsing fever.....071	...	-	-	...	-	...	-	4
Rheumatic fever.....400-402	42	42	89	184	13	91	3	19
Rickettsial diseases, other.....102-108	...	1	-	e) 596	-	-	-	e) 8
Salmonella infections, other.....042	...	11	7	f) 68	5	...	-	f) 20
Scarlet fever.....050	g) 1	1	19	4	-	g) 3	1	2
Schistosomiasis.....123	...	-	-	...	-	...	-	-
Smallpox.....084	4	-	-	3	-	-	-	61
Streptococcal sore throat.....051	...	8	-	16	-	...	-	2
Syphilis.....020-029	327	91	149	199	18	118	39	31
Tetanus.....061	641	9	49	2056	205	...	587	1728
Trypanosomiasis.....121	...	-	17	...	-	...	-	3
Tuberculosis.....001-019	1979	670	3853	3840	169	1133	266	1153
Typhoid fever.....040	f) 63	2	172	530	12	...	42	109
Typhus, flea-borne (murine).....101	...	-	-	...	-	-	-	...
Typhus, louse-borne epidemic.....100	...	-	-	...	-	-	-	...
Whooping cough.....056	58	26	297	2754	94	6	43	3091
Yellow fever.....091	18	-	-	7	-	-	-	-

(a) Data for 8 capital cities: Cuiaba, João Pessoa, Maceio, Manaus, Natal, Niteroi, Recife, Salvador. (Source: Brazilian Institute of Geography and Statistics, Anuario Estatístico do Brasil - 1965.)

(b) Provisional data.

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

(d) Including botulism (049.1).

(e) Typhus and other rickettsial diseases (100-108).

(f) Including paratyphoid fever (041).

(g) Including streptococcal sore throat (051).

TABLE VII. DEATHS FROM CERTAIN COMMUNICABLE DISEASES IN THE AMERICAS, 1964 (continued)

Diseases	Hon- duras	Jamaica	Mexico	Nica- ragua	Panama	Peru (h)	Trinidad and Tobago (b)	United States	Venezuela
Amebiasis.....046	6	...	1 133	5	6	30	...	65	616
Ankylostomiasis.....129	-	17	22	-	12	14	...	2	35
Anthrax.....082	-	-	11	-	-	2	...	1	-
Botulism.....049.1	-	-	...	...	-	-	...	8	...
Brucellosis.....044	-	-	99	-	-	10	...	4	-
Chickenpox.....087	13	-	...	2	...	70	...	153	...
Diphtheria.....055	10	3	323	1	18	48	6	42	28
Dysentery, bacillary.....045	3	...	620	1	-	56	...	125	72
Dysentery, other and unspecified.....047,048	72	c) 8	2 227	25	9	40	c) 22	93	279
Encephalitis, acute infectious.....082	1	6	178	-	4	26	...	534	86
Erysipelas.....052	-	-	216	15	5	2	...	17	-
Filariasis.....127	-	-	-	-	-	-	...	-	1
Food poisoning, other.....049.0,049.2	-	-	d) 182	...	2	34	...	25	d) 14
Gonococcal infection.....030-035	-	-	11	-	-	-	...	13	1
Hepatitis, infectious.....092	20	37	501	9	5	60	...	745	75
Hydatidosis.....125	-	-	1	-	-	26	...	6	-
Influenza.....480-483	189	20	4 214	28	7	366	5	1 687	874
Leprosy.....060	8	1	69	-	-	4	-	5	19
Leptospirosis.....072	-	-	-	-	-	2	...	14	-
Malaria.....110-117	151	3	27	388	39	4	-	3	-
Measles.....085	390	1	7 908	156	65	1 510	2	421	380
Meningococcal infections.....057	-	3	113	-	4	10	2	750	9
Mumps.....089	-	-	...	-	...	4	...	50	...
Paratyphoid fever.....041	-	-	...	129	...	56	...	5	...
Plague.....058	-	-	-	-	-	-	-	-	-
Poliomyelitis, acute.....080	17	2	232	-	1	110	-	17	27
Rabies.....094	7	-	90	2	-	16	-	1	19
Relapsing fever.....071	-	-	8	-	-	-	...	-	-
Rheumatic fever.....400-402	-	32	317	-	3	44	6	509	29
Rickettsial diseases, other.....102-108	-	-	e) 70	-	-	-	-	24	-
Salmonella infections, other.....042	-	2	f) 1 071	150	f) 1	28	i) 2	62	f) 7
Scarlet fever.....050	-	-	82	-	-	10	-	7	-
Schistosomiasis.....123	-	-	-	-	-	2	...	6	15
Smallpox.....084	-	-	-	-	-	20	-	-	-
Streptococcal sore throat.....051	1	1	11	-	-	-	-	88	12
Syphilis.....020-029	5	100	487	-	15	40	35	2 619	136
Tetanus.....061	126	97	2 361	345	224	362	-	179	437
Trypanosomiasis.....121	-	-	-	...	2	-	...	1	...
Tuberculosis.....001-019	191	92	9 535	92	285	3 228	70	8 303	1 236
Typhoid fever.....040	82	13	1 870	79	1	170	...	14	20
Typhus, flea-borne (murine).....101	-	-	...	-	-	-	-	-	-
Typhus, louse-borne epidemic.....100	-	-	...	-	-	-	-	-	-
Whooping cough.....056	288	11	6 627	115	94	326	1	93	392
Yellow fever.....091	-	-	-	-	-	16	-	-	2

(b) Provisional data.

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

(d) Including botulism (049.1).

(e) Typhus and other rickettsial diseases (100-108).

(f) Including paratyphoid fever (041).

(g) Including streptococcal sore throat (051).

(h) Districts with medical certification.

(i) Including typhoid and paratyphoid fevers (040,041).

TABLE VII. DEATHS FROM CERTAIN COMMUNICABLE DISEASES IN THE AMERICAS, 1964 (continued)

Diseases	Antigua	Bahama Islands	Barbados	Bermuda	British Guiana (b)	British Honduras	Canal Zone	Guadeloupe	Puerto Rico	Surinam	Virgin Islands (US)
Amebiasis	046	-	2	-	-	5	...	-	-	-	-
Ankylostomiasis	129	-	-	-	-	...	...	-	2	-	-
Anthrax	062	-	-	-	-	...	...	-	-	-	-
Botulism	049.1	-	-	-	-	...	...	-	-	-	-
Brucellosis	044	-	-	-	-	...	...	-	-	-	-
Chickenpox	087	-	-	-	-	...	...	-	3	...	-
Diphtheria	055	-	-	2	-	14	-	-	1	-	-
Dysentery, bacillary	045	-	-	1	-	13	...	-	1	-	-
Dysentery, other and unspecified	047, 048	-	-	-	-	7	c) 5	-	1	3	1
Encephalitis, acute infectious	082	-	-	1	-	8	...	4	4	1	-
Erysipelas	052	-	-	-	-	...	...	-	-	-	-
Filariasis	127	3	-	-	-	...	...	1	-	-	-
Food poisoning, other ...	049.0, 049.2	-	-	-	-	...	...	6	3	-	-
Gonococcal infection	030-035	-	2	-	-	...	...	-	-	-	-
Hepatitis, infectious	092	-	-	4	-	7	...	4	14	4	-
Hydatidosis	125	-	-	-	-	...	...	-	-	1	-
Influenza	480-483	-	-	-	-	-	-	1	41	13	-
Leprosy	060	1	-	-	-	...	-	3	-	-	-
Leptospirosis	072	-	-	4	-	...	...	-	6	-	-
Malaria	110-117	-	-	-	-	1	-	-	-	-	-
Measles	085	-	-	-	-	5	-	-	42	-	-
Meningococcal infections	057	-	-	1	-	...	-	-	11	-	-
Mumps	089	-	-	-	-	...	...	-	-	...	-
Paratyphoid fever	041	-	-	-	-	-	...	-	-	-	-
Plague	058	-	-	-	-	-	-	-	-	-	-
Poliomyelitis, acute	080	-	2	-	-	-	-	-	2	-	-
Rabies	094	-	-	-	-	...	-	-	-	-	-
Relapsing fever	071	-	-	-	-	...	...	-	-	-	-
Rheumatic fever	400-402	-	-	2	-	...	-	1	2	11	2
Rickettsial diseases, other	102-108	-	-	-	-	-	-	-	-	-	-
Salmonella infections, other	042	-	-	-	-	...	i) 1	-	-	5	-
Scarlet fever	050	-	-	-	-	-	-	-	-	-	-
Schistosomiasis	123	-	-	-	-	...	...	-	7	10	-
Smallpox	084	-	-	-	-	-	-	-	-	-	-
Streptococcal sore throat	051	-	-	-	-	...	-	-	-	-	-
Syphilis	020-029	9	5	24	2	...	2	2	2	38	10
Tetanus	061	3	13	18	-	...	8	-	11	65	26
Trypanosomiasis	121	-	-	-	-	...	...	-	-	-	-
Tuberculosis	001-019	4	8	14	2	...	12	2	42	498	18
Typhoid fever	040	-	-	2	1	14	...	-	1	1	2
Typhus, flea-born (murine)	101	-	-	-	-	-	-	-	-	-	-
Typhus, louse-borne epidemic	100	-	-	-	-	-	-	-	-	-	-
Whooping cough	056	-	-	1	-	10	-	-	1	19	-
Yellow fever	091	-	-	-	-	-	-	-	-	-	-

(b) Provisional data.

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

(i) Including typhoid and paratyphoid fevers (040, 041).

APPENDIX

TABLE A. ESTIMATED MIDYEAR POPULATION IN THE AMERICAS, 1964

Area	Population	Area	Population
Argentina	22,022,000	Antigua	62,000
Bolivia	3,653,000	Bahama Islands	134,000
Brazil	78,809,000	Barbados	242,000
Canada	19,237,000	Bermuda	48,000
Chile	8,492,000	British Guiana	630,000
Colombia	17,460,000	British Honduras	103,000
Costa Rica	1,387,000	Canal Zone	54,000
Cuba	7,434,000	Cayman Islands	9,000
Dominican Republic	3,452,000	Dominica	65,000
Ecuador	4,881,000	Falkland Islands	2,000
El Salvador	2,824,000	French Guiana	36,000
Guatemala	4,305,000	Grenada	93,000
Haiti	4,551,000	Guadeloupe	306,000
Honduras	2,092,000	Martinique	310,000
Jamaica	1,728,000	Montserrat	13,000
Mexico	39,643,000	Netherlands Antilles	205,000
Nicaragua	1,597,000	Puerto Rico	2,584,000
Panama	1,210,000	St. Kitts-Nevis and Anguilla	62,000
Paraguay	1,949,000	St. Lucia	92,000
Peru	11,298,000	St. Pierre and Miquelon	5,000
Trinidad and Tobago	949,000	St. Vincent	86,000
United States	191,371,000	Surinam	325,000
Uruguay	2,682,000	Turks and Caicos Islands	6,000
Venezuela	8,427,000	Virgin Islands (UK)	8,000
		Virgin Islands (US)	41,000

Source: United Nations, Monthly Bulletin of Statistics, December 1965, Demographic Yearbook 1964, and Population and Vital Statistics Reports, Statistical Papers, Series A, October 1965.

TABLE B. ESTIMATED POPULATION OF REPORTING AREAS IN FIVE COUNTRIES OF THE AMERICAS, 1964

Country	Population	Country	Population
Honduras	1,246,000	Venezuela	5,752,000
Paraguay	1,100,000		
Peru	5,300,000	Surinam	295,000

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Age, cases by, diphtheria	36	Filariasis, cases of	29
dysentery, all forms	36	deaths from	51-53
encephalitis, acute infectious	36	Food poisoning, other, deaths from	51-53
gonococcal infections	9, 37	German measles (see rubella)	
hepatitis, infectious	37	Gonococcal infection, cases of	9, 10, 21
influenza	37	by age	9, 37
leprosy	37, 38	by sex	10
malaria	38	deaths from	51-53
measles	12, 38	Hepatitis, infectious, cases of	21
meningococcal infections	38, 39	by age	37
poliomyelitis, acute	39	by month	32
scarlet fever	39	deaths from	51-53
syphilis, all forms	39, 40	Hydatidosis, cases of	29, 49
tetanus	40	in animals	49
tuberculosis, all forms	40, 41	deaths from	51-53
typhoid fever	41	Infectious hepatitis (see hepatitis, infectious)	
whooping cough	41	Influenza, cases of	22
yaws	42	by age	37
deaths by, measles	12	deaths from	51-53
Amebiasis, cases of	19	Jungle yellow fever (see yellow fever)	
by month	31	Leishmaniasis, cases of	29
deaths from	51-53	Leprosy, cases of	22
Ankylostomiasis, cases of	19	by age	37, 38
deaths from	51-53	by political divisions	43, 44
Anthrax, cases of	19, 49	deaths from	51-53
in animals	49	Leptospirosis, cases of	29, 49, 50
deaths from	51-53	in animals	49, 50
Botulism, deaths from	51-53	deaths from	51-53
Brucellosis, cases of	7, 20, 49	Malaria, cases of	22
in animals	7, 49	by age	38
deaths from	51-53	by month	32, 33
Chagas' disease (see trypanosomiasis)		by political divisions	44-46
Chickenpox, deaths from	51-53	deaths from	51-53
Deaths from communicable diseases	51-53	Measles, cases of	10-13, 23
Dengue, cases of	29	by age	12, 38
Diphtheria, cases of	20	by month	33
by age	36	by region	11
by month	31-32	deaths from	10-13, 51-53
deaths from	51-53	by age	12
Dysentery, cases of, amebic (see amebiasis)		by region	11
bacillary, other and unspecified	20	Meningococcal infections, cases of	23
by age	36	by age	38, 39
deaths from, amebic (see amebiasis)		deaths from	51-53
bacillary	51-53	Month, distribution by, amebiasis	31
other and unspecified	51-53	diphtheria	31, 32
Encephalitis, acute infectious, cases of	21	hepatitis, infectious	32
by age	36	malaria	32, 33
arthropod-borne	49	measles	33
in animals	49	poliomyelitis	33, 34
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Erysipelas, deaths from	51-53	whooping cough	35

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Mumps, deaths from	51-53	Streptococcal sore throat	
Paratyphoid fever, cases of	23	deaths from	51-53
deaths from	51-53	Syphilis, all forms, cases of	16, 26
Plague, cases of	4, 5, 24	by age	39, 40
by political divisions	4, 47	by sex	17
deaths from	51-53	deaths from	51-53
Poliomyelitis, cases of	24	early syphilis, cases of	16
by age	39	by sex	17
by month	33, 34	Tetanus, cases of	26
deaths from	51-53	by age	40
Population of countries and territories	54	deaths from	51-53
reporting areas	54	Trachoma, cases of	26
Psittacosis, cases of	29	Trichiniasis, cases of	29
Quarantinable diseases	3-6	Trypanosomiasis, cases of	8-9, 29, 30, 50
(see also names of specific diseases)		by political divisions	8
Rabies, cases of	13, 24, 50	in animals	50
in animals	13, 50	infection with <i>Trypanosoma cruzi</i>	8
deaths from	51-53	by political divisions	8
Regions, cases by, measles	11	deaths from	51-53
deaths by, measles	11	Tuberculosis, cases of	27
definition of	2	bovine, in animals	50
Relapsing fever, cases of	25	by age	40, 41
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Reporting areas, population of	54	Typhoid fever, cases of	27
Honduras	54	by age	41
Paraguay	54	by month	34, 35
Peru	54	deaths from	51-53
proportion of total population included	3	Typhus, flea-borne, cases of	30
Surinam	54	deaths from	51-53
Venezuela	54	Typhus, louse-borne, cases of	4, 6, 27
Rheumatic fever, deaths from	51-53	by political divisions	47
Rickettsial diseases, other		deaths from	51-53
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Rubella, cases of	14, 15	Whooping cough, cases of	28
Salmonella infections, other		by age	41
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Scarlet fever, cases of	25	deaths from	51-53
by age	39	Yaws, cases of	28
deaths from	51-53	by age	42
Schistosomiasis, cases of	15, 29	by political divisions	48
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deaths from	51-53	by political divisions	6, 48
Sex, cases by, gonococcal infection	10	deaths from	51-53
syphilis, all forms	17	Zoonoses	49, 50
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Smallpox, cases of	4, 5, 25		
by political divisions	5, 47		
deaths from	51-53		