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**REPORTED CASES OF NOTIFIABLE DISEASES
IN THE AMERICAS
1959 - 1960**



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**PAN AMERICAN HEALTH ORGANIZATION
Pan American Sanitary Bureau, Regional Office of the
WORLD HEALTH ORGANIZATION
Washington, D. C.**

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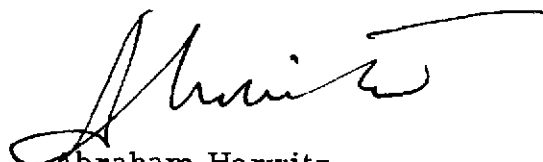
FOREWORD

The planning and evaluation of an eradication or a control program for a communicable disease requires accurate knowledge of the incidence including the geographical distribution and the age groups of the population affected. A reliable system for reporting cases of the important infectious diseases in a country makes indispensable contributions both to diagnosis, medical care and control or eradication at the local level and to planning and evaluation at the national level.

Many countries now publish annually data on the incidence of communicable diseases which are notifiable by national regulations. To make available similar information for the entire Region of the Americas official figures were requested from all National Health Services for the years 1959 and 1960. Those received have been assembled here for use by national and international health officials in the Region.

Beginning with data for 1961, an annual report will be prepared for the Americas. It is hoped that the annual publications will serve as a stimulus for improvement of reporting and will become a source of reference for official data. Health officials of a country will profit from knowledge of the incidence and from the experience in control of these diseases in neighboring countries. As reporting procedures in the countries of the Americas are improved these publications will increase in accuracy and thus in value.

I wish to express my appreciation for the 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
1959 AND 1960

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EXPLANATION OF SYMBOLS		
Data not available
Disease not notifiable		*
Quantity zero		-
Rate less than 0.05		0.0

INTRODUCTION

Two previous reports,^(1,2) have provided official data on reported cases of notifiable diseases in the Americas in the period 1946-1958. This third report contains similar information for the years 1959 and 1960. For future years an annual report is planned so that current data will be made available rapidly for use by health workers concerned with the distribution of communicable diseases.

Each country has developed a system for reporting the important communicable diseases within the country, and these diseases are usually termed notifiable diseases. The quarantinable diseases are notifiable in all countries by international agreement.⁽³⁾ The number of other dis-

eases declared notifiable by law or regulation varies among countries. Provisions for reporting and exchange of data on certain notifiable diseases were included in the Pan American Sanitary Code⁽⁴⁾ (1924). A Guide for the Reporting of Communicable Diseases in the Americas⁽⁵⁾ describes the procedures in operation for current exchange of data in accordance with the Code and the International Sanitary Regulations.

Data included in this present report are based on annual summaries provided by the health authorities of the countries. In some areas the Veterinary Sections of Agriculture Ministries have supplied the information which is included on cases of zoonoses in animals.

ORGANIZATION OF REPORT

The report has nine tables which divide into four groups. The first two tables contain official data on notifiable diseases for 1959 and 1960, arranged in order of category numbers in the Interna-

tional Classification of Diseases.⁽⁶⁾ The median annual number for each disease for the period 1954-1958 is presented for comparison. Both numbers of cases and rates are included for the years 1959 and 1960.

-
- (1) Reported Cases of Notifiable Diseases in the Americas, 1946-1955, Scientific Publications No. 38, PASB, February 1958.
 - (2) Reported Cases of Notifiable Diseases in the Americas, 1949-1958, Scientific Publications No. 48, PASB, August 1960.
 - (3) International Sanitary Regulations, Second Annotated Edition, WHO, 1961.
 - (4) Pan American Sanitary Code, included in Official Documents No. 23, PASB, 1958.
 - (5) Guide for the Reporting of Communicable Diseases in the Americas, Miscellaneous Publications No. 6 (Rev.), PASB, 1955.
 - (6) International Classification of Diseases, WHO, 1957.

In Tables 3 and 4 the age distributions of reported cases are given for 24 diseases for the two years 1959 and 1960. The data are presented here in the age groupings used by the countries, and therefore age intervals are not uniform.

Tables 5-8 contain the distributions of selected diseases by major political divisions of each country for 1959 and 1960. This geographic distribution is given for the five quarantinable diseases (plague, louse-borne relapsing fever, smallpox, yellow fever and louse-borne typhus) and for leprosy, yaws and malaria.

The numbers of reported cases of zoonoses, diseases naturally transmitted

between vertebrate animals and man, are shown in Table 9 for both man and animals. This is the second report in which information on cases of zoonotic diseases in animals has been included. Veterinary services in both Agriculture and Health Ministries have cooperated in submitting data for this publication.

Appendix Table A provides estimated populations of the countries in 1959 and 1960, based on data published by the United Nations, or recent censuses where available. Table B gives the estimated populations in reporting areas of five countries. Summary Tables I-VI and Figures 1-16 are presented in this Introduction for the discussion of certain diseases.

COMPLETENESS OF REPORTING

The completeness of reporting of notifiable diseases varies widely among areas of the Americas and is directly related to the availability of medical facilities and of health services. Programs such as those for prevention, control or eradication result in increased case-finding activities and reporting of cases. For example, in the early stages of the malaria eradication program the extension of malaria case finding through examination of slides usually results in an increase in reported cases which is followed by a decline as the program progresses. Special programs increase reporting of cases through the greater attention directed to the disease along with increases in diagnostic facilities. The release and use of data also influence reporting. Thus interpretation of data on reported cases requires an understanding of local and national programs.

Efforts are being made by national and local health services to improve the

reporting of cases. Publications of notifiable diseases in the Americas will increase in value with such improvement in each area of the Americas.

Although in most countries cases are reported for the entire area, in others coverage was limited to localities with health services. The estimated populations of reporting areas in five countries are given in Appendix Table B and the inclusions are described as follows:

Brazil - Four diseases, namely leprosy, malaria, plague and yellow fever, are reported to special national health services and data pertain to the entire country. The reporting area for the rest of the notifiable diseases is limited to the State of Guanabara (formerly the Federal District) and capitals of other states.

Colombia - The reporting area constitutes that in which health services are

available. In 1959 this included 91 per cent of the total population of the country and in 1960 almost 96 per cent.

El Salvador - The population of the area from which reports of notifiable diseases are received has been gradually increasing. In 1959 it represented 52 per cent of the total population and 56 per cent in 1960.

Peru - As in previous years notifiable diseases were reported to health authori-

ties in areas which included approximately half of the population of the country.

Venezuela - In this country reports of the quarantinable diseases, malaria and rabies are made for the entire country. For other diseases the reporting area included approximately 60 per cent of the population of the country in 1959 and 1960. Information on age distribution is available only for the Organized Reporting Area which has about 40 per cent of the population of the country.

QUARANTINABLE DISEASES

Five of the six quarantinable diseases occur in the Americas; cholera has not been present for many years. The distribution of cases by country and disease in 1959 and 1960 is shown in Table I. Distribution by major political divisions such as departments, provinces or states is given in Table 5 of the report.

Cases of quarantinable diseases totaled 5,555 in 1959 and 6,122 in 1960. The cases occurring in 1960 were reported from 12 different countries of the Americas.

Data for 1959 have been revised since the previous publication on the basis of the receipt of delayed reports. Similarly it may become necessary to revise figures for 1960 as new information is received.

Because of their seriousness the quarantinable diseases are probably reported at the time the diagnoses are made. However incomplete reporting may be, the occurrence of even one case of a quarantinable disease indicates that a problem exists which may require control or eradication measures.

a. Plague

Of the 93 cases of plague reported in 1959, nearly all occurred in three countries, Brazil, Ecuador and Peru (Table I). One of the four cases occurring in the United States was a laboratory-acquired infection. In 1960 the total number of cases rose to 258, due largely to a great increase in the cases reported from Peru. The location of cases of plague in 1960 is indicated in Figure I.

FIGURE 1
REPORTED CASES OF PLAGUE IN THE AMERICAS, AND LOCATION, BY MAJOR POLITICAL DIVISIONS OF EACH COUNTRY, 1960

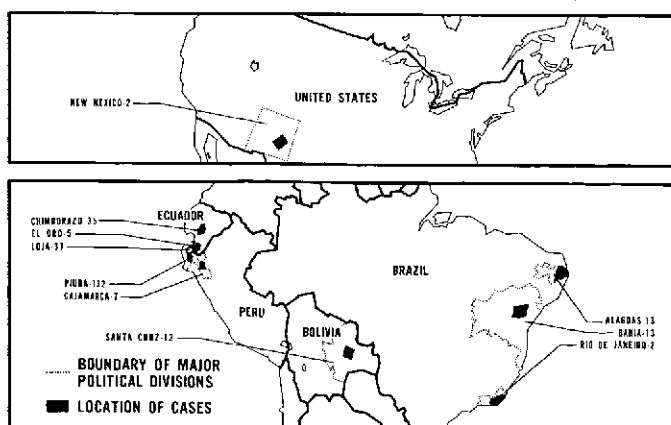


Table I. Reported Cases of Quarantinable Diseases in the Americas, 1959 and 1960

Area	1959					1960				
	Plague	Louse-borne relapsing fever	Small-pox	Yellow fever	Louse-borne typhus	Plague	Louse-borne relapsing fever	Small-pox	Yellow fever	Louse-borne typhus
Total	93	10	4 763	30	659	258	4	5 158	34	668
Argentina	-	-	36	-	4	-	-	65	-	-
Bolivia	-	1	7	1	29	12	-	1	14	7
Brazil	16	-	a 2 629	4	-	28	-	ap 2644	1	-
Chile	-	-	1	-	6	-	-	-	-	10
Colombia	-	-	950	21	15	-	4	209	11	26
Ecuador	40	-	1 140	-	267	77	-	2 185	-	481
Mexico	-	-	-	-	242	-	-	-	-	106
Paraguay	-	-	-	-	-	-	-	35	-	-
Peru	33	9	-	1	96	139	-	-	6	38
United States	4	-	-	-	-	2	-	-	-	-
Uruguay	-	-	-	-	-	-	-	c 19	-	-
Venezuela	-	-	-	1	-	-	-	-	2	-
Trinidad and Tobago	-	-	-	2	-	-	-	-	-	-

(a) State of Guanabara and capitals of other states. (b) Incomplete.

(c) Including 2 imported cases.

Twelve cases of plague in Bolivia were reported from the eastern Department of Santa Cruz. In Brazil cases were reported from the States of Alagoas, Bahia and Rio de Janeiro, along the east coast. The cases in Peru occurred in the northern Departments of Cajamarca and Piura, an outbreak in the latter department accounting for 132 of the 139 cases in this country in 1960. In Ecuador 42 cases were reported from the southern areas near the Peruvian border, in the Provinces of Loja and El Oro. Thirty-five cases also occurred in the Province of Chimborazo.

The two cases of plague in the United States in 1960 were reported in the State of New Mexico.

b. Louse-borne relapsing fever

Only four cases of louse-borne relapsing fever were reported in the Americas in 1960, all from Colombia. Of ten cases reported in the previous year, nine were from Peru and one from Bolivia.

c. Smallpox

Progress in the smallpox eradication programs in countries of the Americas is indicated by the data of Table II, which gives the number of reported cases by country during the ten-year period 1951 to 1960.

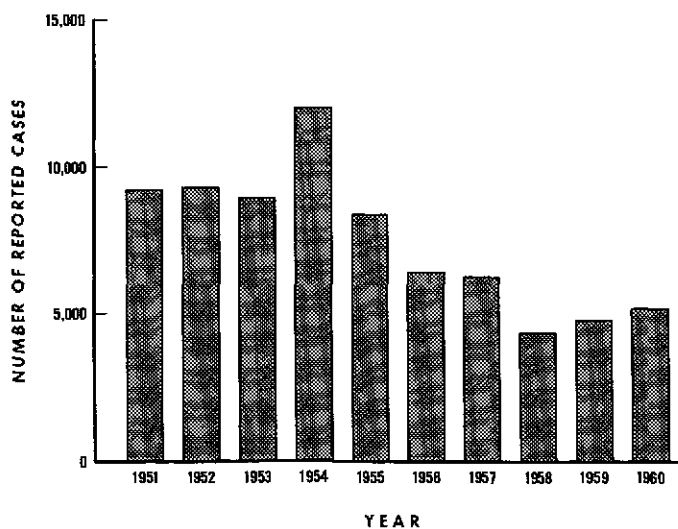
Table II. Reported Cases of Smallpox in the Americas, 1951 - 1960

Area	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960
Total	9 221	9 301	8 930	11 979	8 348	6 389	6 220	4 343	4 763	5 158
Argentina	1 404	982	309	256	55	86	335	27	36	65
Bolivia	728	432	429	624	372	499	1 310	183	7	1
Brazil (a)	1 190	1 668	923	1 035	2 580	2 385	1 411	1 232	2 629	b 2 644
Chile	47	15	9	-	-	-	-	-	1	-
Colombia	3 844	3 235	5 526	7 203	3 404	2 572	2 145	2 009	950	209
Ecuador	174	665	708	2 516	1 831	669	913	863	1 140	2 185
Guatemala	3	1	1	-	-	-	-	-	-	-
Mexico	27	-	-	-	-	-	-	-	-	-
Panama	-	-	-	-	-	-	-	c 8	-	-
Paraguay	282	797	770	207	57	132	103	21	-	35
Peru	1 218	1 360	172	115	-	-	-	-	-	-
United States	11	21	4 d	9 d	2	-	d 1	-	-	-
Uruguay	-	16	7	1	45	42	2	-	-	e 19
Venezuela	280	109	72	13	2 f	4	-	-	-	-
British Guiana	11	-	-	-	-	-	-	-	-	-
Martinique	1	-	-	-	-	-	-	-	-	-
Netherlands Antilles	1	-	-	-	-	-	-	-	-	-

- (a) State of Guanabara and capitals of other states. (b) Incomplete.
 (c) Including 4 imported cases. (d) These cases do not fulfill the generally accepted criteria for a diagnosis of smallpox. (e) Including 2 imported cases.
 (f) Clinical diagnosis not supported by epidemiological evidence.

In 1951, 9,221 cases were reported from 12 countries and three territories; in 1960, 5,158 cases from seven countries. The number of cases occurring annually in Argentina, Bolivia, Colombia and Paraguay has been greatly reduced. No cases have been reported in recent years from Peru, the United States and Venezuela. Cases were last reported from Mexico in 1951 and from Guatemala in 1953. Eight cases, including 4 imported cases, were reported from Panama in 1958. Chile has had only one case of smallpox since 1953. Cases were reported from Uruguay in seven of the ten years, the highest number being 45 cases in 1955. Increases in the total cases reported in the hemisphere in 1959 and 1960 are due to the increased num-

FIGURE 2
 REPORTED CASES OF SMALLPOX IN THE AMERICAS, 1951-1960

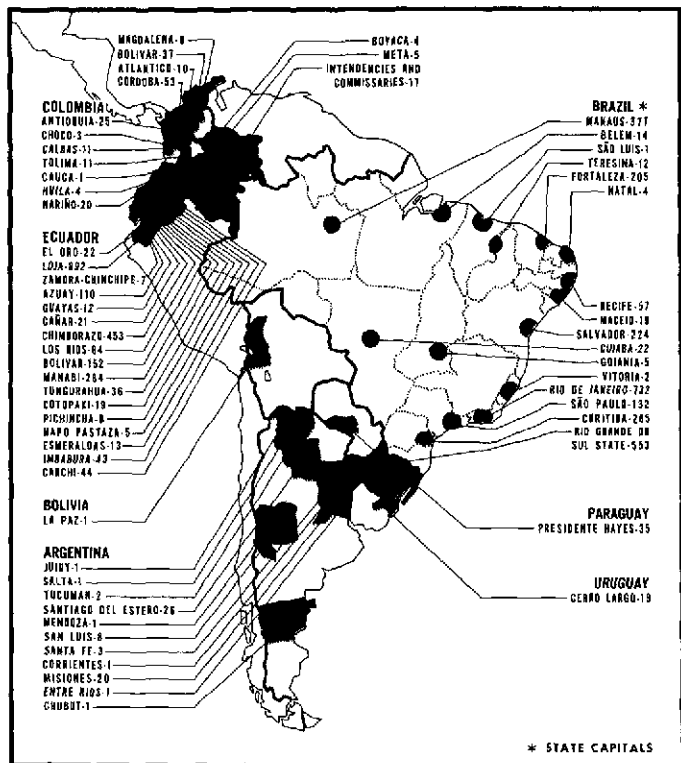


bers in Brazil and Ecuador; 93 per cent of the total cases in 1960 were reported from these two countries.

The political divisions of each country where cases occurred in 1960 are shown in Figure 3.

FIGURE 3

REPORTED CASES OF SMALLPOX IN THE AMERICAS, BY MAJOR POLITICAL DIVISIONS OF EACH COUNTRY, 1960



1960 Paraguay had 35 cases, in the Department of Presidente Hayes, and Uruguay reported 19 cases (including 2 imported cases), all in the Department of Cerro Largo.

In Colombia an active eradication campaign was started in 1955. The number of cases, 209, reported from Colombia in 1960 continued to show a marked decline from previous years. Despite the reduction, cases were reported in 1960 from 17 of the 25 major political divisions.

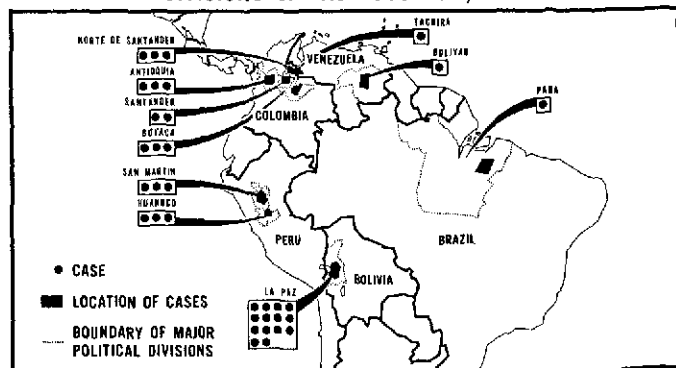
In Ecuador the number of reported cases increased sharply, from 1,140 cases in 1959 to 2,185 in 1960, and the disease was widespread in the country. Cases were reported from nearly every province.

d. Yellow fever

In 1959, 30 cases of jungle yellow fever were reported in nine areas in Bolivia, Brazil, Colombia, Peru, Venezuela and Trinidad. The ten areas where 34 reported cases occurred in 1960 are shown in Figure 4, and include the same five countries as in 1959.

FIGURE 4

REPORTED CASES OF JUNGLE YELLOW FEVER IN THE AMERICAS, AND LOCATION, BY MAJOR POLITICAL DIVISIONS OF EACH COUNTRY, 1960



Most of the 65 cases of smallpox reported from Argentina in 1960 occurred in the northern and central provinces of that country. Only one case was reported from Bolivia. In Brazil data were available for capital cities and for the States of Guanabara and Rio Grande do Sul. Although figures for the year are incomplete even for this reporting area, 16 capital cities reported the presence of the disease.

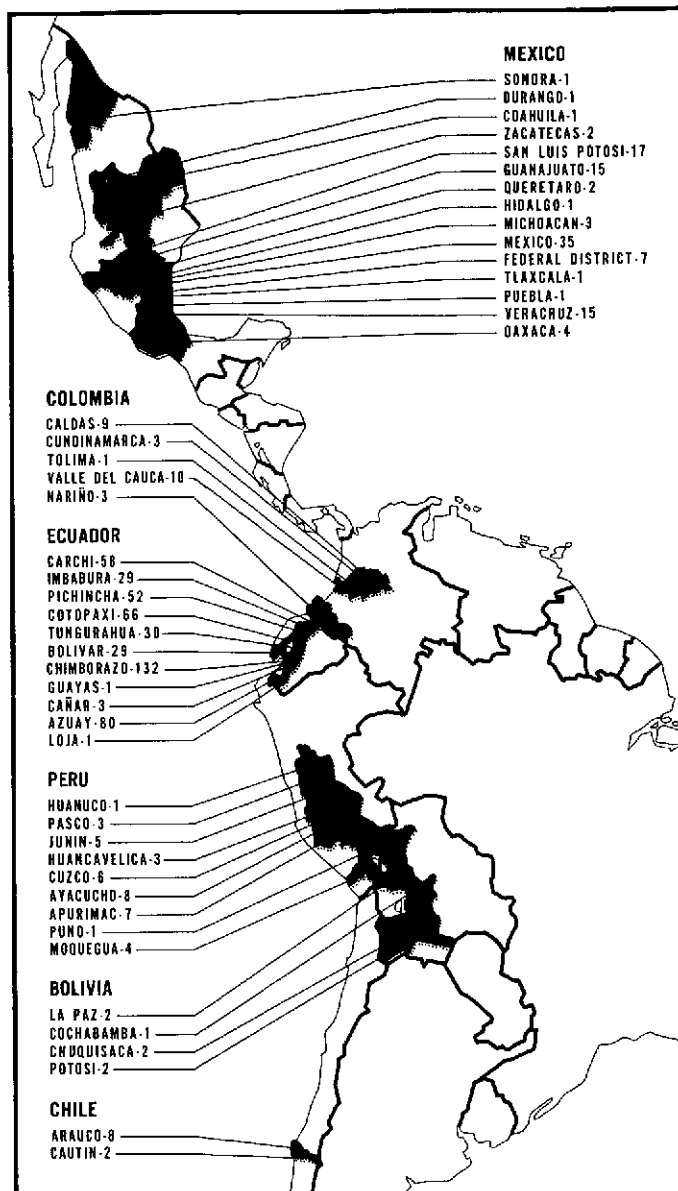
No cases of smallpox were reported from Paraguay and Uruguay in 1959. In

In Bolivia 14 confirmed cases occurred in one area of the Department of La Paz, an increase from the one case reported in 1959. A single case was reported in the State of Para, Brazil. In Colombia 11 cases occurred in areas of four departments, a decrease from the 21 cases in 1959. Six cases were reported from Peru, three each in the Departments of Huanuco and San Martin. In Venezuela one case occurred in the State of Bolivar and one in the State of Tachira. All of the reported cases in the Americas were fatal, with diagnosis confirmed by histopathological examination of liver specimens.

e. Louse-borne typhus

The geographic distribution of cases of louse-borne typhus remained the same as in previous years, occurring in Mexico and in the Andean regions of the west coast of South America from Colombia to Chile. Of the six countries reporting cases in 1960 Ecuador had the largest number, 481 cases or 72 per cent of the total cases reported, which was almost twice as many as in 1959. Mexico was next with 106 reported cases, less than half the number of the preceding year. The remainder of the typhus cases reported in 1960 were in Bolivia, Chile, Colombia and Peru. The political divisions of each country with cases in 1960 are shown in Figure 5.

FIGURE 5
REPORTED CASES OF LOUSE-BORNE TYPHUS IN THE AMERICAS,
BY MAJOR POLITICAL DIVISIONS OF EACH COUNTRY, 1960



LEPROSY

Early diagnosis is essential in leprosy control programs, making treatment with sulfones easier and shorter. Approximately 200,000 persons in the Americas are known to be suffering from the disease and if all cases were reported

this number would be much higher. Each year close to 10,000 cases are reported to health authorities for the first time. Reporting of new cases has been increased in some areas through surveys undertaken to determine the extent and magnitude of

the leprosy problem. Over the ten-year period 1951-1960 the total annual number of reported cases in the Americas gradually increased from 8,522 in 1951 to 9,458 in 1960.

Leprosy is present and reported from most countries of the Americas. The highest known prevalence of the disease is in middle and western states of Brazil and in contiguous areas of surrounding countries, including most of Paraguay. The prevalence is also known to be high in northern states of Mexico.

As might be expected, the reported case rates in the Americas in 1960 are highest in approximately the same areas (Figure 6). From three countries, Brazil,

Paraguay and Venezuela and from French Guiana, Surinam, Guadeloupe and Martinique more than 10 cases were reported per 100,000 population in 1960.

From Canada two cases were reported and from eleven states of the United States, 54, with Hawaii, California and New York reporting the largest numbers. The 115 cases in Mexico were distributed in 19 states, mainly in the northern half of the country.

From Nicaragua and Costa Rica 138 and 57 cases respectively were reported. Other Central American countries reported only a few cases although intensified case-finding surveys had detected previously unknown cases.

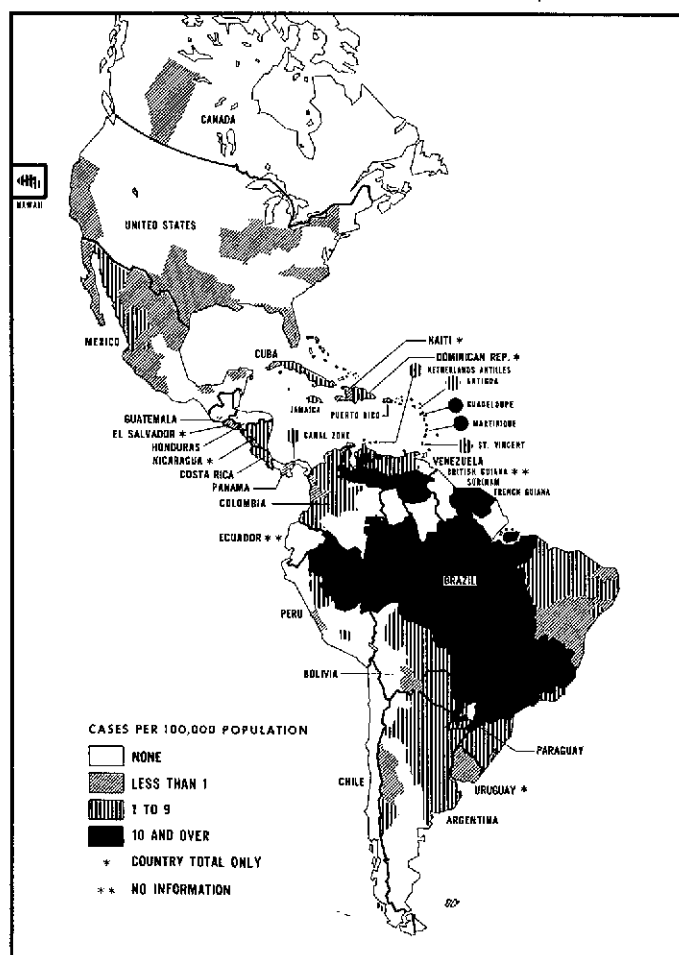
For Cuba 134 cases of leprosy were reported, distributed through all provinces. Haiti and the Dominican Republic reported 9 and 42 cases respectively. The islands of the Caribbean reporting the largest numbers, 53 and 41, were Martinique and Guadeloupe with case rates of 19.1 and 15.2 per 100,000 population respectively.

Leprosy was found in many areas in Colombia with new cases reported in 18 of the 25 political divisions. Sixty-three per cent of all reported cases were in the Departments of Cundinamarca, Santander, and Norte de Santander. From all except two of the major political divisions in Venezuela cases of leprosy were also reported. In seven states, principally southern, the reported case rates were over 10 per 100,000 population.

The 6,696 cases reported from Brazil made up 71 per cent of total cases of leprosy reported in the Americas in 1960. New cases occurred in 23 major political divisions; in 11 the rate exceeded 10 per 100,000 population and in 3 the rate exceeded 30.

FIGURE 6

REPORTED CASES OF LEPROSY PER 100,000 POPULATION IN THE AMERICAS, BY MAJOR POLITICAL DIVISIONS OF EACH COUNTRY, 1960



In Paraguay cases were reported from nearly all major political divisions and in most departments case rates were over 10 per 100,000 population. Although cases were reported in sixteen major political divisions of Argentina in the northern half of the country, the rates were below 10 in all except one province.

In Peru leprosy cases were reported from five of the departments, but 90 per

cent of the reports were for the Department of Loreto adjoining the Brazilian border. Four eastern departments of Bolivia also reported cases in 1960.

Highest rates in the Americas as judged from case reports were those in Surinam and French Guiana. Data were not available for British Guiana, but the disease is known to be highly prevalent there.

YAWS

Yaws in the Americas occurs mainly in the Caribbean islands and some countries of South America. Eradication programs, through detection and treatment of infectious cases of yaws and their household contacts, are in progress in these areas and have brought about a great decrease in the reported cases in the last decade. Some of these programs have already reached the final phase of surveillance, and special case-detection surveys are being carried on to determine the extent to which infections continue.

In 1960, 1,707 cases were reported from seven countries and five territories (Figure 7). Data were not available for

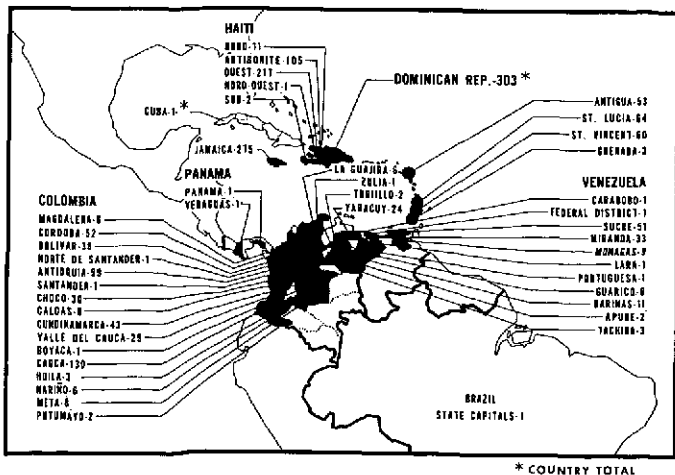
several areas where yaws is known to exist. The largest number of reported cases was in Colombia where 463 cases were notified from 17 major political divisions. Almost half of these cases were from the Departments of Antioquia and Cauca.

For Haiti 336 cases were reported in 1960 in contrast to over 80,000 in 1950 when the eradication program was initiated. Nearly all reported cases in 1960 were in the Departments of Artibonite and Ouest. In the Dominican Republic, where 303 cases were reported in 1960, the program is also in the surveillance stage.

A special laboratory study in Haiti, to determine the etiology of the lesions in which the presence of "treponema pertenu" was suspected, has shown that this spirochete is present in only a small percentage. The study was started during the second half of 1960 and has become a routine activity of the program. In 1961, 275 cases of infectious yaws were reported and in only 33 was "treponema pertenu" identified; in the remaining cases, other types of spirochetes and agents other than that causing yaws were found. On the basis of the 33 cases confirmed in the laboratory, the incidence of the infectious forms of yaws was 1.6 per 100,000 persons under surveillance in Haiti in 1961.

FIGURE 7

REPORTED CASES OF YAWS IN THE AMERICAS, BY MAJOR POLITICAL DIVISIONS OF EACH COUNTRY, 1960



In Venezuela the 146 cases from the reporting area in 1960 were about five per cent of the 2,530 in 1950, and were found in 13 states and the Federal District. Nearly three quarters were in the States

of Sucre, Miranda and Yaracuy.

From the islands in the West Indies Federation 455 cases were reported in 1960, of which 275 were from Jamaica.

MALARIA

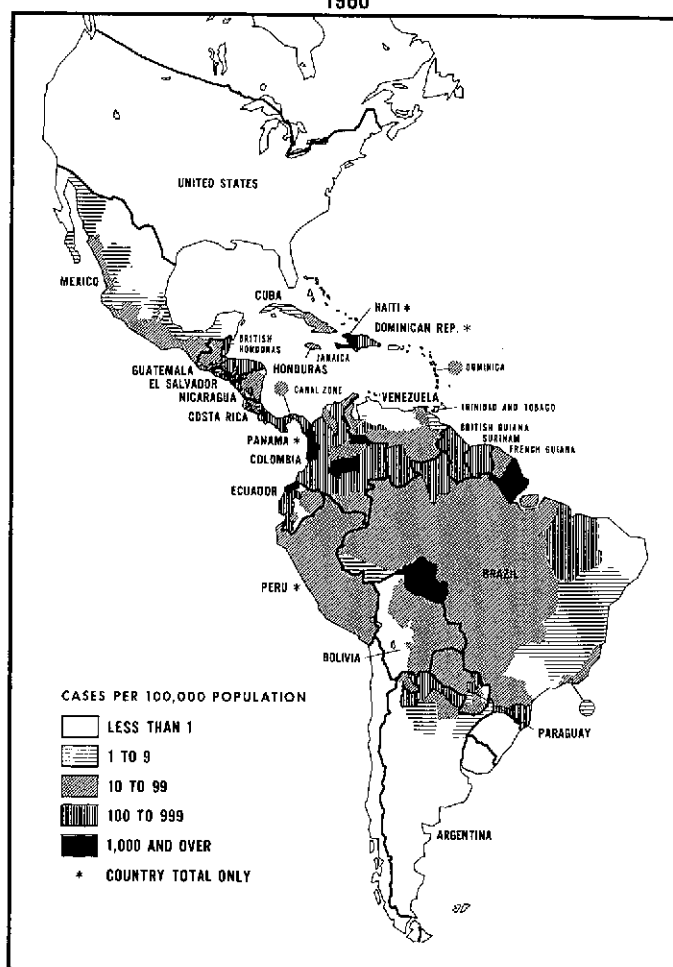
Malaria eradication programs have been undertaken in all countries and territories of the Americas where the disease exists. (7) As the work in each malarious area proceeds efforts are made to increase the quality of case reporting with emphasis on laboratory confirmation and case-finding techniques. At present cases reported for many countries are not necessarily subject to laboratory confirmation. The total number of reported cases was about 213,000 in 1959 and 169,000 in 1960. Between 40 and 45 per cent of the total cases were stated to be laboratory confirmed (Table 1).

The distribution of the cases in 1959 and 1960 by major political divisions of each country is given in Table 8 and the case rates of the political divisions for 1960 are shown in Figure 8.

The unshaded areas on the map represent major political divisions where no cases were reported, or a relatively small number of cases, corresponding to a rate of less than 1 per 100,000 population.

Chile, Uruguay and many of the Caribbean islands have no history of malaria or have attained eradication. In Canada and the United States the number of reported cases is very low. No cases were reported in 15 provinces of Argentina, and cases were limited to eight northern provinces. However the number of cases in both 1959 and 1960 was in excess of previous years. In Mexico one third of the states,

FIGURE 8
REPORTED CASES OF MALARIA PER 100,000 POPULATION IN THE AMERICAS, BY MAJOR POLITICAL DIVISIONS OF EACH COUNTRY, 1960



principally in the northern part of the country, had rates less than one case per 100,000 population. Total reported cases in Mexico in 1959 and 1960 were well below the previous five-year average and below the 1958 figures but in 1960 the re-

(7) *Report on the Status of Malaria Eradication in the Americas, IX Report, CD13/3, 25 August 1961 (Report to the XIII Meeting of the Directing Council, PAHO).*

ported number almost doubled from the number in 1959. About one half of the political divisions of Venezuela and Bolivia reported no cases or had rates less than one case per 100,000 population.

The total rate for Haiti was 1,101 cases per 100,000 population. For five other countries, two in Central and three in South America, one or more political divisions had rates in excess of 1,000 cases per 100,000 population.

Cases were reported from nearly every political division in the countries of Central America and Panama and rates were generally high. No political division of El Salvador, Honduras or Nicaragua had a rate under 10 per 100,000 population and fewer than one third had rates under

100. In Nicaragua rates of three departments were over 1,000 per 100,000 population.

Malaria was widespread in Colombia and cases were reported from every major political division. In only six divisions was the rate less than 100 while in three it was greater than 1,000 per 100,000 population. In Ecuador, case rates of seven provinces exceeded 100 per 100,000 population. Rates in a number of the major political divisions of Brazil also were high, in six over 100 per 100,000 population and in two, the Territories of Amapa and Rondonia, over 1,000.

Case rates in British Guiana and Surinam were also high, 119 and 369 per 100,000 population respectively.

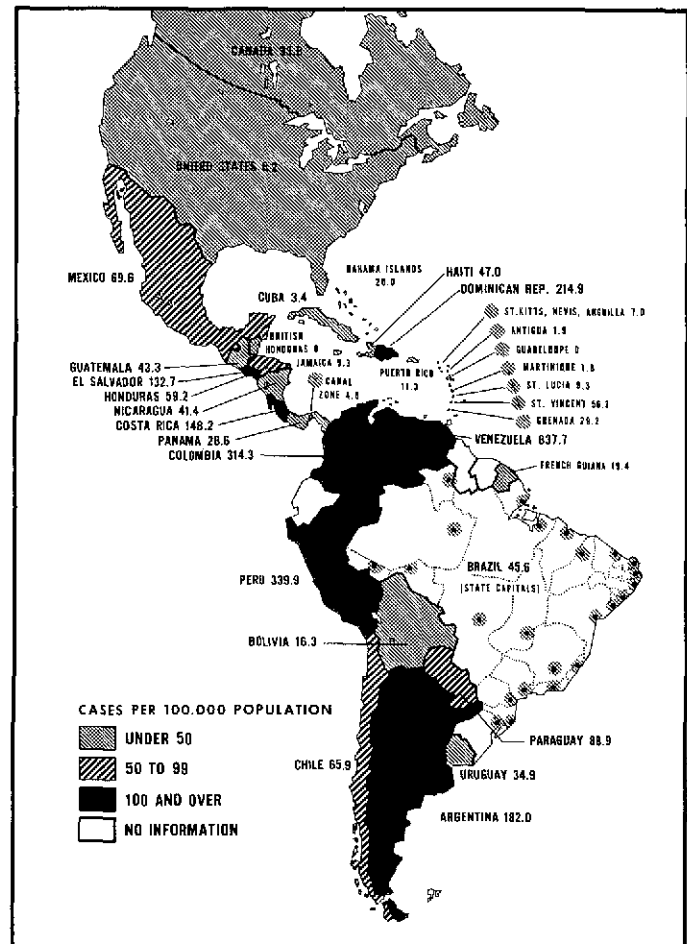
WHOOPIING COUGH

Reporting of whooping cough is of considerable importance for although effective immunization is available against the disease, morbidity and mortality have remained high in Latin America. Preventive measures are not widely used and other factors such as malnutrition and the early age at which the disease occurs add to the severity of the illness in children in Latin America.

The epidemic nature of the disease results in wide variations from year to year in the number of cases occurring in individual countries. However, despite the probable great underreporting, case rates are generally high. In 1960, case rates were over 50 per 100,000 population in eleven Latin American countries and over 100 in seven of these, compared with rates of 34 and 8 in Canada and the United States.

Deaths from whooping cough are likewise excessive in many of the countries. In 1960 (or other recent year) death rates were over 50 per 100,000 population in three countries, Guatemala, Ecuador

FIGURE 9
REPORTED CASES OF WHOOPING COUGH PER 100,000 POPULATION
IN THE AMERICAS, 1960



and Peru. Rates of Mexico, Panama and Colombia ranged between 20 and 30 per 100,000 population, and rates of Honduras, El Salvador and Costa Rica between 10

and 20. In both Canada and the United States the death rate from whooping cough is now less than one per 100,000 population.

TUBERCULOSIS

During the 1950's, with the introduction of chemotherapy and with emphasis on control programs mortality from tuberculosis decreased in all three regions of the Americas.⁽⁸⁾ In Northern America the death rate declined from 20.6 per 100,000 population in 1951 to 5.8 in 1960, a decrease of over 70 per cent (Table III and Figure 10). In South America, where

the rates are the highest of the three regions, the drop was from 73 to 34 per 100,000, or 53 per cent. In Middle America in the eight years 1951-1958 the death rate from tuberculosis was lowered by 46 per cent, from 48 per 100,000 to 26. In all three regions the decrease was greatest in the early part of the decade with a leveling off in the later years.

Table III. Number of Deaths from Tuberculosis with Rates per 100,000 Population, in Three Regions of the Americas, 1951 - 1960^(a)

Year	Northern America		Middle America		South America	
	Number	Rate	Number	Rate	Number	Rate
1951	34 594	20.6	20 776	47.9	32 753	73.0
1952	27 326	16.0	18 830	42.3	26 994	60.7
1953	21 520	12.4	14 527	33.0	20 872	48.2
1954	18 090	10.2	13 212	28.4	19 212	40.2
1955	16 404	9.1	12 818	26.6	18 200	39.6
1956	15 397	8.4	13 458	27.3	16 119	39.6
1957	14 575	7.8	13 835	28.0	18 548	40.6
1958	13 409	7.0	13 360	26.3	16 941	36.7
1959	12 416	6.4	...	...	17 327	41.7
1960	11 494	5.8	...	...	8 284	33.6

(a) Excluding areas without data

(8) The division of the Americas into three regions is in accordance with that of United Nations, with the exclusion of Greenland which belongs to the European region of WHO. Northern America: Canada, the United States, Bermuda, and St. Pierre and Miquelon. Middle America: Mexico, Central America, Panama, and the Caribbean republics and islands. South America: All countries and territories of South America, and the Falkland Islands.

The number of tuberculosis cases reported reflects not only the prevalence of the disease, but the extent of case-finding activities and the availability of diagnostic facilities. In Northern America newly reported cases also declined steadily for the period from 57 per 100,000 population in 1952 to 31 in 1960, a decrease of 46 per cent (Table IV and Figure 11). By 1960 approximately six cases were being reported for each death from tuberculosis. In Middle America the reported case rate was at about the same level in 1960 as in 1951, about 61 per 100,000 population. Approximately two new cases were reported each year for each death from tuberculosis that was registered.

FIGURE 10
DEATHS FROM TUBERCULOSIS PER 100,000 POPULATION,
IN THREE REGIONS OF THE AMERICAS, 1951-1960

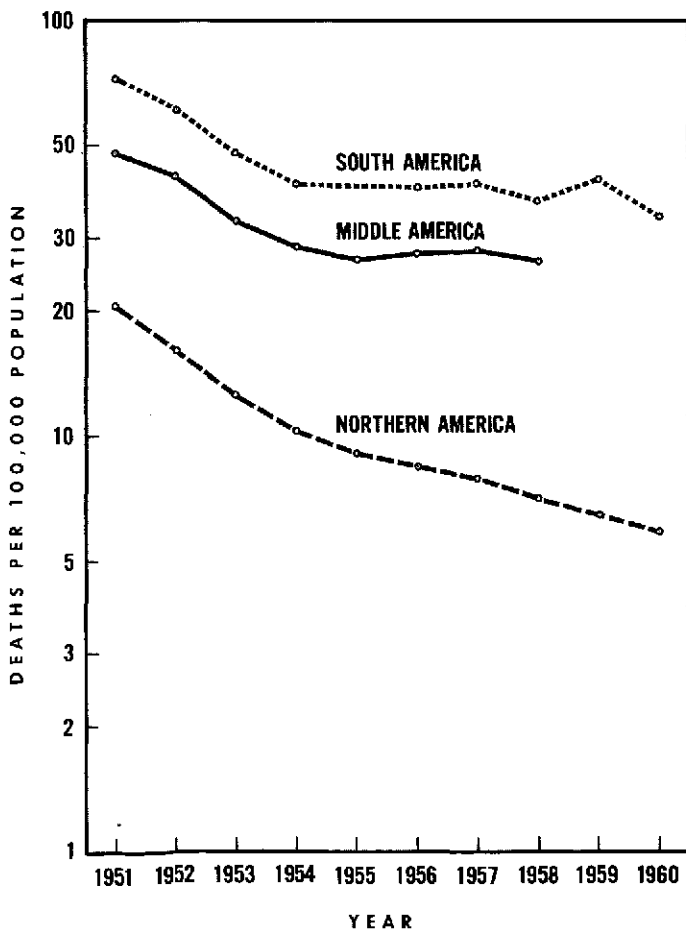
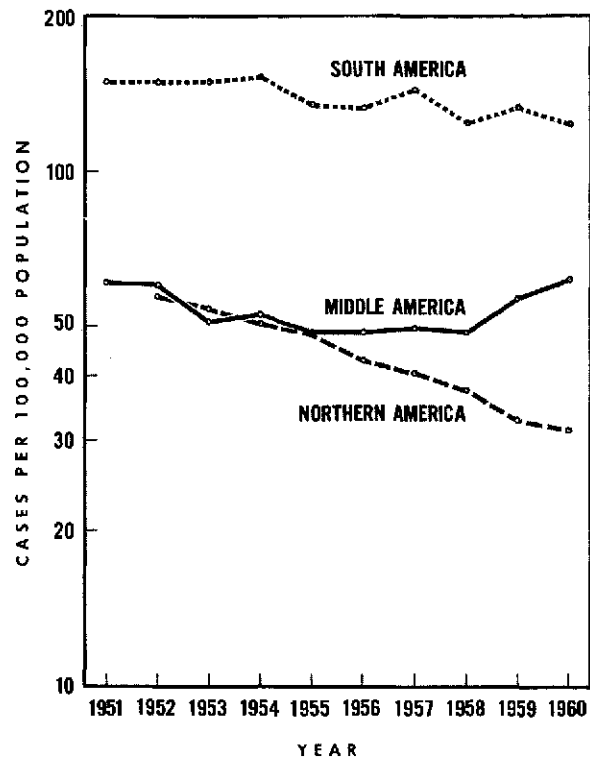


FIGURE 11
REPORTED CASES OF TUBERCULOSIS PER 100,000 POPULATION,
IN THREE REGIONS OF THE AMERICAS, 1951-1960



In South America, the region with the highest death rate, relatively over twice as many cases were diagnosed each year as in Middle America. During the ten-year period the decrease was by about 20 per cent. Almost 4 new cases were reported for each death in 1960.

The declining death rates reflect the progress achieved in the treatment of tuberculosis. In Northern America, where emphasis was placed on mass X-ray examinations and case finding in the 1940's, the declining case rates together with the decreasing death rates undoubtedly reflect a lowering of the incidence of tuberculosis. In both Middle and South America reduction in incidence can not be measured at present due to extension of case-finding programs and improvement in reporting practices.

Table IV. Number of Reported Cases of Tuberculosis with Rates per 100,000 Population, in Three Regions of the Americas, 1951 - 1960

Year	Northern America(a)		Middle America		South America (b)	
	Number	Rate	Number	Rate	Number	Rate
1951	...	...	28 297	60.8	67 747	149.7
1952	97 309	56.9	28 713	60.1	71 391	149.5
1953	94 366	54.3	26 638	51.0	76 135	149.6
1954	89 717	50.6	28 078	52.4	82 305	153.8
1955	86 928	48.1	26 795	48.6	77 993	135.3
1956	78 832	42.8	27 452	48.6	76 179	132.7
1957	75 598	40.3	28 734	49.6	85 055	144.8
1958	71 420	37.4	29 754	48.5	74 618	124.4
1959	64 121	32.9	35 217	56.5	83 966	133.9
1960	61 851	31.3	38 689	61.2	79 194	123.2

(a) Newly reported active cases except for Alaska and Hawaii prior to 1959, Bermuda and St. Pierre and Miquelon.

(b) Excluding Chile.

Reporting varied among countries of the Americas and in 1960 the range was from 27 per 100,000 population in Cuba to 358 per 100,000 in El Salvador. Peru ranked second to El Salvador in the case

rates (348). Other countries for which more than 100 cases per 100,000 population were reported were Colombia, Ecuador, Guatemala, Honduras, Panama and Venezuela.

TYPHOID FEVER

Typhoid fever was reported as frequently at the end of the decade 1951-1960 as at the beginning in Middle and South America (Table V and Figure 12). The annual number of reported cases actually increased in the decade and only in a few countries did the incidence decrease appreciably. Altogether 44,810 cases were reported in the Americas in 1960 of which 1,151 were for Northern America.

Annual reported case rates for Middle America for the ten-year period aver-

aged 19 per 100,000 population and for South America over twice as great or 45 per 100,000 population. This difference is due to incompleteness of reporting in countries in Middle America. In general a consistent decrease was apparent in the incidence in Northern America from 1.5 per 100,000 population to 0.6.

Death rates showed some improvement over the period in Middle America, decreasing from 12.5 per 100,000 population in 1951 to 8.1 in 1958, the last year

Table V. Number of Reported Cases of Typhoid Fever with Rates per 100,000 Population, in Three Regions of the Americas, 1951 - 1960

Year	Northern America		Middle America		South America	
	Number	Rate	Number	Rate	Number	Rate
1951	2 567	1.5	10 111	20.8	22 707	39.8
1952	2 802	1.6	10 178	20.0	24 878	43.3
1953	2 629	1.5	10 238	19.6	27 053	44.5
1954	2 575	1.5	10 119	18.9	26 875	42.4
1955	2 027	1.1	10 124	18.4	31 239	48.5
1956	2 079	1.1	9 958	17.6	30 208	45.0
1957	1 516	0.8	8 117	14.0	34 681	50.5
1958	1 348	0.7	11 238	18.3	34 423	49.0
1959	1 409	0.7	12 912	20.7	31 801	45.3
1960	1 151	0.6	11 864	18.4	31 795	44.2

for which fairly complete data are available (Table VI and Figure 13). Rates for South America showed no consistent improvement in the decade but were lower than those in Middle America. In contrast, case rates were higher in South than in Middle America. These data suggest an underreporting of the disease principally in Middle America, which on the

basis of these data is also evidenced by the high case fatality from typhoid fever in 1958, 44 per cent in Middle and 9 per cent in South America compared with 2 in Northern America. With antibiotic therapy death is expected in only 2 or 3 per cent of typhoid cases. Since antibiotic treatment, vaccination and other control measures may be used less extensively

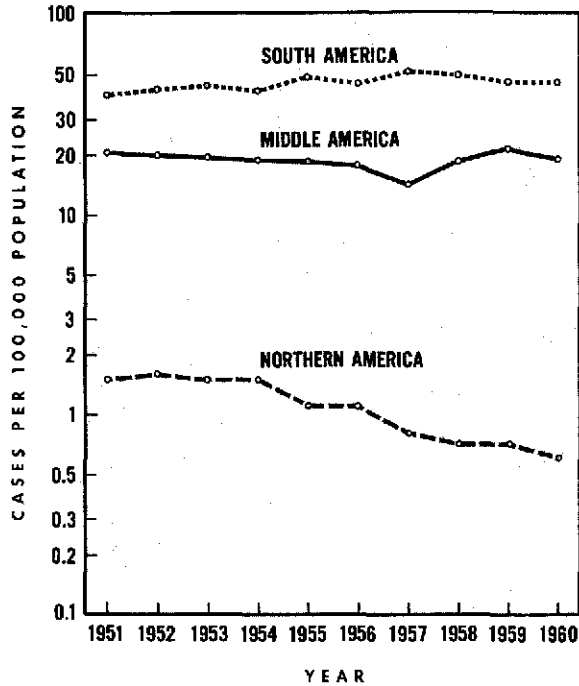
Table VI. Number of Deaths from Typhoid Fever with Rates per 100,000 Population, in Three Regions of the Americas, 1951-1960 (a)

Year	Northern America		Middle America		South America	
	Number	Rate	Number	Rate	Number	Rate
1951	97	0.06	5 331	12.5	771	4.2
1952	97	0.06	5 268	11.2	855	4.3
1953	64	0.04	4 723	10.5	1 643	3.1
1954	52	0.03	4 097	9.4	2 323	3.4
1955	44	0.02	4 291	8.3	2 279	3.7
1956	63	0.03	4 364	9.1	2 190	3.6
1957	46	0.02	4 489	9.0	2 666	5.7
1958	26	0.01	4 161	8.1	2 283	4.6
1959	26	0.01	...	...	1 287	2.9
1960	...	...	...	...	797	3.2

(a) Excluding areas without data

FIGURE 12

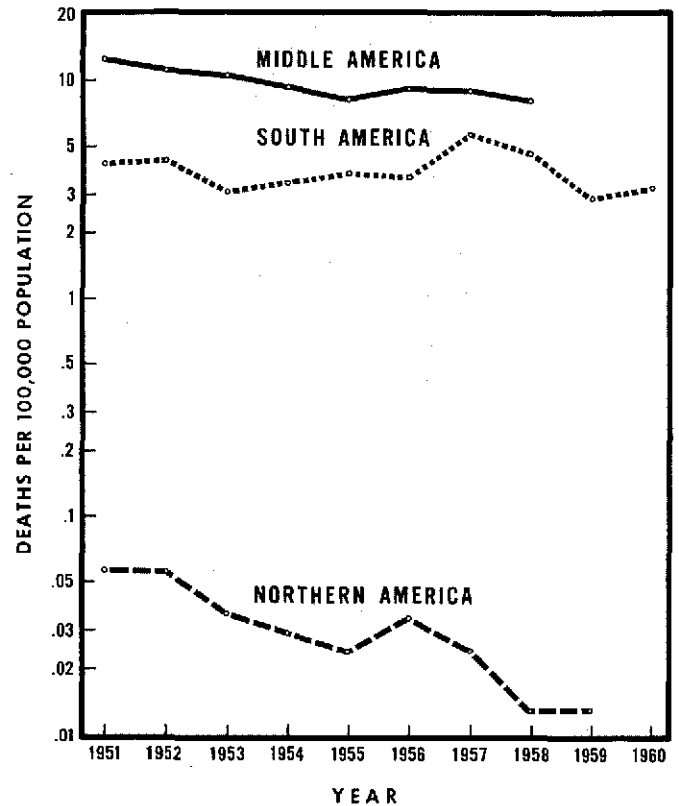
REPORTED CASES OF TYPHOID FEVER PER 100,000 POPULATION, IN THREE REGIONS OF THE AMERICAS, 1951-1960



in Latin America it is reasonable to expect a slightly higher case fatality. With improvements in water supplies and in health programs a decrease in the magni-

FIGURE 13

DEATHS FROM TYPHOID FEVER PER 100,000 POPULATION, IN THREE REGIONS OF THE AMERICAS, 1951-1960



tude of the problem of typhoid fever should take place in the Americas.

ZOONOSES

Knowledge of the prevalence and incidence of zoonoses in both man and animals can be a stimulus for the intensification of control and eradication activities in this field. The effect of these diseases on human health with the resulting loss of life is of primary importance but the contribution of zoonoses to economic loss also cannot be ignored. Thus improvement of reporting is being urged both in health

services and in veterinary services in other ministries.

In Table 9 are shown the numbers of cases of eleven zoonoses as reported in countries of the Americas in man and in animals in the years 1959 and 1960. Included in the eleven are anthrax, brucellosis, arthropod-borne encephalitis, hydatidosis, leptospirosis, psittacosis, rabies,

trichiniasis, trypanosomiasis, bovine tuberculosis and tularemia. For each of these diseases the numbers of cases are shown only for countries reporting the existence of cases of the disease. In countries not listed the disease may not have been present or, on the other hand, it may not have been diagnosed or notifiable. In addition to the eleven diseases mentioned above, reported numbers of other zoonoses in man are shown in Tables 1 and 2.

Data on three zoonoses, anthrax, brucellosis and rabies, which are widespread in the Americas and notifiable in most areas are presented in Figures 14-16.

FIGURE 14
REPORTED CASES OF ANTHRAX IN MAN AND ANIMALS,
IN THE AMERICAS, 1960

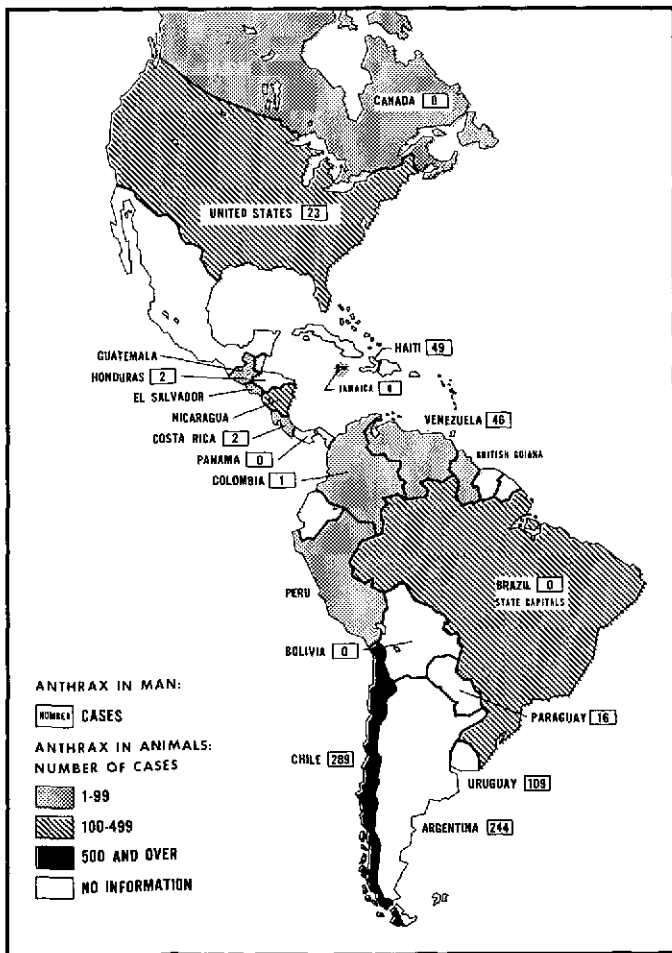
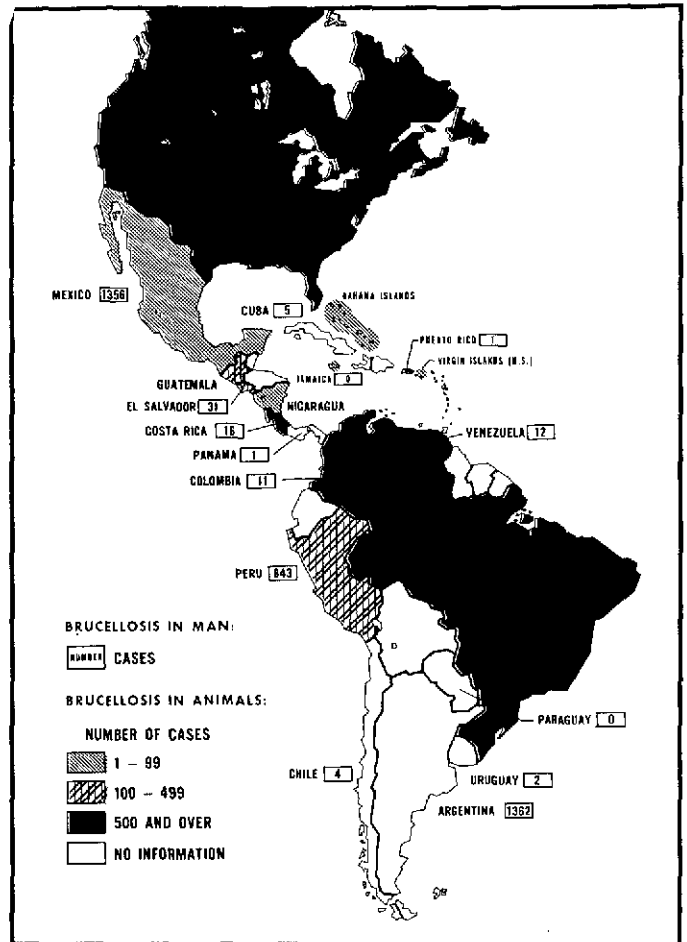


FIGURE 15
REPORTED CASES OF BRUCELLOSIS IN MAN AND ANIMALS,
IN THE AMERICAS, 1960



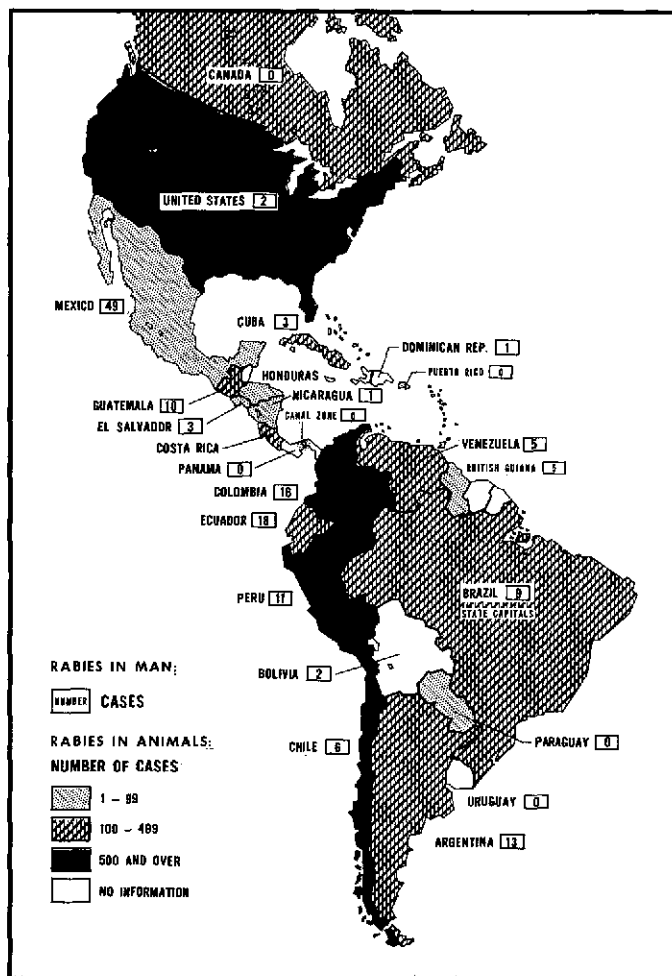
In the two-year period 1959-1960 cases of anthrax were reported in man in twelve of the 22 American countries and in animals in twelve countries. In fact in every country for which information on the disease in animals was provided the disease was reported to be present. In all but five countries the disease was reported either in man or animals or both (Figure 14 and Table 9). From Chile was reported the largest number of cases in man in both years and similarly more cases of the disease were diagnosed in animals than in other countries. Argentina and Uruguay ranked second and third with respect to reported cases in man but information on diagnoses in animals was not received.

Almost all countries providing information on brucellosis in man or animals reported the presence of this disease also; in 13 countries cases were reported in man in the two-year period; in eleven, cases were reported in animals. The annual numbers of human cases ranged from 1,698 and 1,362 in Argentina in 1959 and 1960 to 2 in Uruguay in each of the years (Figure 15). Mexico, Peru and the United States reported over 500 human cases in each of the years. Information is lacking on cases in animals in Argentina and relatively little disease was reported in animals in Mexico and Peru in view of the large numbers of human cases. Large numbers of cattle were reported to be infected in Canada and the United States. In other countries the numbers ranged from 3,966 in Colombia in 1960 to 26 in Nicaragua in that year.

Eradication programs for brucellosis are in operation in Canada and the United States and for several years programs for testing and vaccination of cattle in Central America and Panama have been in progress. In Argentina a national eradication program was initiated during 1960 in the Province of Buenos Aires.

Cases of rabies in man or animals were reported from all but three countries of the Americas in 1960. In that year 149 cases of rabies were reported in man. The largest number, 49, were in Mexico. Ecuador, Colombia, Argentina, Peru and Guatemala all reported at least

FIGURE 16
REPORTED CASES OF RABIES IN MAN AND ANIMALS,
IN THE AMERICAS, 1960



10 cases. Only five countries did not report rabies in animals. Rabies in dogs is considered to be of primary importance in some areas but in others the transmission of rabies from bats and wild animals constitutes the major problem.

TABLE 1. NUMBER OF REPORTED CASES OF NOTIFIABLE DISEASES WITH RATES PER 100,000 POPULATION
IN THE AMERICAS, 1959 AND 1960

Area	Tuberculosis, all forms (001-019)					Syphilis (020-029)				
	Number			Rate		Number			Rate	
	Median 1954-58	1959	1960	1959	1960	Median 1954-58	1959	1960	1959	1960
Argentina	16 655	17 387	18 865	84.3	90.0	4 261	5 040	7 310	24.4	34.9
Bolivia	670	1 779	1 136	52.1	32.8	306	818	215	23.9	6.2
Brazil (a)	11 556	14 079	9 943	138.2	100.8	9 623	8 568	12 120	84.1	122.9
Canada	b 8 405	b 6 579	b 6 345	b 37.7	b 35.6	2 213	2 144	2 044	12.3	11.5
Chile	*	*	*	*	*	*	2 034	3 374	27.2	44.2
Colombia (c)	13 787	13 858	14 392	110.1	106.5	8 822	11 504	9 986	91.4	73.9
Costa Rica	646	649	...	57.6	...	575	287	475	25.5	40.6
Cuba	1 838	1 849	1 856	27.8	27.3	...	47	566	0.7	8.3
Dominican Republic	2 184	2 189	2 122	75.6	70.4	...	d 7 181	d 6 703	d 248.1	d 222.4
Ecuador	4 542	4 692	5 223	112.5	121.5	...	...	...	...	...
El Salvador (c)	2 615	3 872	5 251	294.0	358.2	5 331	6 070	6 359	460.9	433.8
Guatemala	2 157	3 649	3 802	99.9	101.1	1 601	1 605	1 421	43.9	37.8
Haiti	1 188	3 067	2 860	88.5	81.6	7 750	5 266	4 849	152.0	138.3
Honduras	...	1 609	4 566	85.3	234.2	...	3 412	1 728	180.8	88.6
Mexico	9 421	11 348	12 417	34.1	35.9	23 982	22 397	23 817	67.3	68.8
Nicaragua	1 051	744	581	52.2	39.4	2 134	644	1 019	45.2	69.1
Panama	1 323	1 673	1 487	163.4	141.2	491	312	168	30.5	16.0
Paraguay	1 158	1 126	1 113	65.2	63.0	1 529	1 628	1 844	94.2	104.3
Peru (c)	19 408	22 796	19 485	425.3	348.4	4 451	3 865	3 197	72.1	57.2
United States (e)	b 68 866	b 57 535	b 55 494	b 32.5	b 30.8	131 395	120 806	122 003	68.2	67.8
Uruguay	1 169	...	...	...	...	497	...	...	...	...
Venezuela (c)	8 062	7 887	8 722	204.3	217.7	12 761	10 614	10 288	275.0	256.8
Bahama Islands	107	124	187	120.4	178.1	24	28	32	27.2	30.5
Bermuda	6	7	12	15.9	26.7	30	6	13	13.6	28.9
British Guiana	202	172	186	31.3	32.9	598	*	*	*	*
British Honduras	56	38	72	42.2	80.0	172	539	737	598.9	818.9
Canal Zone	27	16	8	38.1	19.0	44	6	10	14.3	23.8
Falkland Islands	4	3	3	150.0	150.0	-	-	-	-	-
French Guiana	34	...	...	...	...	62	83	80	267.7	258.1
Guadeloupe	...	459	241	173.9	89.3	1 011	866	737	328.0	273.0
Martinique	215	225	190	83.0	68.6	20	10	8	3.7	2.9
Netherlands Antilles	36	52	30	26.7	15.5	*	512	749	262.6	388.1
Puerto Rico	3 597	2 487	2 137	106.0	90.8	1 615	1 106	921	47.1	39.1
St. Pierre and Miquelon	15	...	...	...	...	-	...	...	...	...
Surinam	135	187	126	73.3	46.7	*	...	...	...	...
Virgin Islands (U. K.)	7	2	2	28.6	28.6	17	5	3	71.4	42.9
Virgin Islands (U. S. A.)	9	15	6	50.0	18.8	176	205	307	683.3	959.4
West Indies Federation										
Antigua	19	28	8	51.8	14.8	346	284	203	525.9	375.9
Barbados	88	68	43	29.2	18.3	*	*	*	*	*
Dominica	85	...	...	...	...	37	...	...	...	...
Grenada	...	34	45	38.6	50.6	...	372	921	422.7	1 034.8
Jamaica	701	838	629	52.6	39.1	8 138	11 554	10 017	725.6	623.3
Montserrat	8	...	...	...	...	80	...	...	...	...
St. Kitts-Nevis-Anguilla	19	70	47	125.0	82.5	137	52	37	92.9	64.9
St. Lucia	118	75	67	88.2	77.9	576	740	608	870.6	707.0
St. Vincent	33	37	35	46.8	43.8	108	30	56	38.0	70.0
Trinidad and Tobago	380	...	...	...	...	689	...	...	...	...

- (a) State of Guanabara and capitals of other states. Data for 1960 incomplete.
 (b) Newly reported active cases.
 (c) Reporting area.
 (d) Confirmed cases.
 (e) Including Alaska and Hawaii.

TABLE 1. NUMBER OF REPORTED CASES OF NOTIFIABLE DISEASES WITH RATES PER 100,000 POPULATION
IN THE AMERICAS, 1959 AND 1960

Area	Gonococcal infection (030-035)					Chancroid (036)				
	Number			Rate		Number			Rate	
	Median 1954-58	1959	1960	1959	1960	Median 1954-58	1959	1960	1959	1960
Argentina	7043	7887	15099	38.3	72.1	111	93	172	0.5	0.8
Bolivia	82	295	112	8.6	3.2	1	31	5	0.9	0.1
Brazil (a)	9380	17278	11567	169.6	117.3	5939	6461	3772	63.4	38.3
Canada	14547	14826	15688	85.0	88.1	14	7	3	0.0	0.0
Chile	*	*	*	*	*	*	*	*	*	*
Colombia (b)	33477	43443	47331	345.2	350.3	7221	8524	7185	67.7	53.2
Costa Rica	...	...	...	...	...	...	...	...	...	...
Cuba	...	...	13	...	0.2	...	...	20	...	0.3
Dominican Republic	...	...	...	...	...	4435	3238	4120	111.9	136.7
Ecuador	...	...	...	...	...	...	...	...	...	...
El Salvador (b)	3070	3061	3382	232.4	230.7	421	635	770	48.2	52.5
Guatemala	1685	3859	3226	105.7	85.8	...	1183	1409	32.4	37.5
Haiti	2213	4736	4489	136.7	128.1	...	13	12	0.4	0.3
Honduras	...	2503	4534	132.6	232.5	...	1276	2068	67.6	106.1
Mexico	19782	20564	19105	61.7	55.2	...	...	...	...	...
Nicaragua	1085	...	744	...	50.4	...	...	14	...	0.9
Panama	1092	613	603	59.9	57.3	140	c 190	c 93	c 18.6	c 8.8
Paraguay	335	50	c,d 1438	2.9	c,d 81.3	...	c 1073	...	c 62.1	...
Peru (b)	5378	6127	...	114.3	...	248	856	...	16.0	...
United States (e)	242569	240265	258933	135.6	143.9	2298	1538	1680	0.9	0.9
Uruguay	3395	...	...	...	...	-	...	...	...	...
Venezuela (b)	15118	13096	13114	339.3	327.4	2084	4007	2642	103.8	66.0
Bahama Islands	131	435	329	422.3	313.3	-	...	...	...	...
Bermuda	46	84	147	190.9	326.7	...	...	...	...	...
British Guiana	2543	*	*	*	*	106	*	*	*	*
British Honduras	958	535	376	594.4	417.8	-	...	...	...	...
Canal Zone	104	67	66	159.5	157.1	2	4	2	9.5	4.8
Falkland Islands	5	4	10	200.0	500.0	-	-	-	-	-
French Guiana	149	138	183	445.2	590.3	...	28	8	90.3	25.8
Guadeloupe	...	...	...	...	...	...	...	...	...	...
Martinique	...	28	9	10.3	3.2	...	1	-	0.4	-
Netherlands Antilles	...	367	284	188.2	147.2	*	256	40	131.3	20.7
Puerto Rico	3646	2782	2878	118.5	122.3	25	28	23	1.2	1.0
St. Pierre and Miquelon	-	...	...	...	...	-	...	...	...	...
Surinam	*	...	...	...	...	*	...	...	...	...
Virgin Islands (U.K.)	...	-	6	-	85.7	...	-	-	-	-
Virgin Islands (U.S.A.)	106	55	54	183.3	168.8	-	1	3	3.3	9.4
West Indies Federation										
Antigua	815	196	92	363.0	170.4	79	1	4	1.9	7.4
Barbados	*	*	*	*	*	*	*	*	*	*
Dominica	160	...	...	...	...	...	...	...	...	...
Grenada	...	433	715	492.0	803.4	...	2	15	2.3	16.9
Jamaica	29777	32122	25992	2017.7	1617.4	*	*	*	*	*
Montserrat	81	...	...	...	...	11	...	...	...	...
St. Kitts-Nevis-Anguilla	357	366	483	653.6	847.4	11	8	2	14.3	3.5
St. Lucia	1451	2132	1933	2508.2	2247.7	*	*	*	*	*
St. Vincent	...	384	153	486.1	191.2	*	-	-	-	-
Trinidad and Tobago	5097	...	...	...	...	80	...	...	...	...

(a) State of Guanabara and capitals of other states. Data for 1960 incomplete.

(b) Reporting area.

(c) Including lymphogranuloma venereum (037), granuloma inguinale, venereal (038), other and unspecified venereal diseases (039).

(d) Including chancroid (036).

(e) Including Alaska and Hawaii.

TABLE 1. NUMBER OF REPORTED CASES OF NOTIFIABLE DISEASES WITH RATES PER 100,000 POPULATION
IN THE AMERICAS, 1959 AND 1960

Area	Typhoid fever (040)					Paratyphoid fever (041)				
	Number			Rate		Number			Rate	
	Median 1954-58	1959	1960	1959	1960	Median 1954-58	1959	1960	1959	1960
Argentina	1944	1593	1924	7.7	9.2	210	224	268	1.1	1.3
Bolivia	209	168	64	4.9	1.8	84	150	33	4.4	1.0
Brazil (a, b)	3 157	3 315	2 251	32.5	22.8	...	...	...	...	...
Canada (b)	381	544	335	3.1	1.9	...	...	...	...	...
Chile (b)	4 501	3 334	4 548	44.7	59.6	...	...	...	...	...
Colombia (b, c)	12 696	12 382	13 274	98.4	98.2	...	...	...	...	...
Costa Rica	220	192	128	17.1	10.9	7	4	5	0.4	0.4
Cuba	481	865	1 191	13.0	17.5	6	16	64	0.2	0.9
Dominican Republic	211	315	376	10.9	12.5	30	398	434	13.8	14.4
Ecuador	b 2 170	2 653	2 423	63.6	56.4	...	170	86	4.1	2.0
El Salvador (b, c)	738	1 223	1 005	92.9	68.6	...	...	...	...	...
Guatemala	b 491	839	888	23.0	23.6	...	81	44	2.2	1.2
Haiti	249	351	271	10.1	7.7	...	...	...	...	...
Honduras	...	672	438	35.6	22.5	...	23	56	1.2	2.9
Mexico	5 935	7 047	6 173	21.2	17.8	1 044	2 676	2 492	8.0	7.2
Nicaragua	286	197	352	13.8	23.9	...	...	100	...	6.8
Panama	47	72	41	7.0	3.9	2	d 42	d 12	d 4.1	d 1.1
Paraguay (b)	106	77	150	4.5	8.5	...	...	...	...	...
Peru (b, c)	5 087	6 690	5 511	124.8	98.6	...	...	...	...	...
United States (e)	1 701	861	816	0.5	0.5	d 6 515	d 6 852	d 6 929	d 3.9	d 3.8
Uruguay	399	...	...	...	...	6	...	...	...	...
Venezuela (b, c)	1 062	1 102	1 029	28.5	25.7	...	...	...	...	...
Bahama Islands	6	10	10	9.7	9.5	-	...	...	...	...
Bermuda	-	4	-	9.1	-	-	-	-	-	-
British Guiana	451	419	574	76.3	101.4	-	-	-	-	-
British Honduras	37	49	38	54.4	42.2	-	1	1	1.1	1.1
Canal Zone	1	4	2	9.5	4.8	1	-	-	-	-
Falkland Islands	-	-	-	-	-	-	-	-	-	-
French Guiana	15	3	9	9.7	29.0	-	...	...	...	...
Guadeloupe	28	20	29	7.6	10.7	-	...	...	...	...
Martinique (b)	142	211	354	77.9	127.8	...	...	...	...	...
Netherlands Antilles	22	8	2	4.1	1.0	d 206	d 534	d 666	d 273.8	d 345.1
Puerto Rico	39	15	28	0.6	1.2	-	-	-	-	-
St. Pierre and Miquelon	-	...	...	...	...	-	...	...	...	...
Surinam	60	65	38	25.5	14.1	-	...	...	...	...
Virgin Islands (U. K.)	2	1	1	14.3	14.3	...	-	-	-	-
Virgin Islands (U. S. A.)	1	2	1	6.7	3.1	-	d 8	d 5	d 26.7	d 15.6
West Indies Federation										
Antigua (b)	53	17	39	31.5	72.2	...	...	...	...	...
Barbados	42	4	10	1.7	4.3	-	-	1	-	0.4
Dominica (b)	89	...	...	...	...	...	...	...	...	...
Grenada	18	5	17	5.7	19.1	...	-	-	-	-
Jamaica	462	740	413	46.5	25.7	-	-	4	-	0.2
Montserrat	8	...	...	...	...	-	...	...	...	...
St. Kitts-Nevis-Anguilla	7	3	7	5.4	12.3	-	-	-	-	-
St. Lucia	29	12	37	14.1	43.0	-	-	-	-	-
St. Vincent	26	38	13	48.1	16.2	...	-	-	-	-
Trinidad and Tobago	172	...	...	...	...	...	...	...	...	...

(a) State of Guanabara and capitals of other states. Data for 1960 incomplete.

(b) Data for typhoid fever (040) include paratyphoid fever (041).

(c) Reporting area.

(d) Including other salmonella infections (042).

(e) Including Alaska and Hawaii.

TABLE 1. NUMBER OF REPORTED CASES OF NOTIFIABLE DISEASES WITH RATES PER 100,000 POPULATION
IN THE AMERICAS, 1959 AND 1960

Area	Brucellosis (undulant fever) (044)					Amoebiasis (046)				
	Number			Rate		Number			Rate	
	Median 1954-58	1959	1960	1959	1960	Median 1954-58	1959	1960	1959	1960
Argentina	3 243	1 698	1 362	8.2	6.5	3 518	3 040	2 504	14.7	11.9
Bolivia	...	...	...	...	...	...	-	-	-	-
Brazil (a)	6	...	...	...	...	...	...	...	...	...
Canada	122	120	142	0.7	0.8	5	2	4	0.0	0.0
Chile	11	3	4	0.0	0.1	...	...	...	...	...
Colombia (b)	12	12	11	0.1	0.1	68 400	77 721	71 026	617.5	525.6
Costa Rica	3	2	16	0.2	1.4	1 273	966	1 211	85.8	103.4
Cuba	3	8	5	0.1	0.1	...	*	*	*	*
Dominican Republic	-	...	...	...	...	1 975	2 508	2 253	86.7	74.8
Ecuador	...	...	...	...	...	...	...	...	...	...
El Salvador (b)	7	16	31	1.2	2.1	...	...	...	...	...
Guatemala	...	...	...	...	...	...	...	...	...	...
Haiti	...	...	...	...	...	122	467	405	13.5	11.6
Honduras	...	...	...	...	...	...	...	...	...	...
Mexico	1 096	1 579	1 356	4.7	3.9	17 404	28 724	37 859	86.2	109.3
Nicaragua	...	...	...	...	...	6 069	...	...	...	...
Panama	1	-	1	-	0.1	320	333	214	32.5	20.3
Paraguay	...	-	-	-	-	...	...	...	...	...
Peru (b)	522	696	843	13.0	15.1	...	...	...	...	...
United States (c)	1 301	893	751	0.5	0.4	3 693	3 620	3 424	2.0	1.9
Uruguay	-	2	2	0.1	0.1	...	...	...	...	...
Venezuela (b)	16	4	12	0.1	0.3	16 143	20 521	19 428	531.6	485.0
Bahama Islands	...	...	...	...	...	2	...	...	...	...
Bermuda	...	...	...	...	...	...	...	...	...	...
British Guiana	*	...	...	...	...	294	...	...	...	...
British Honduras	-	...	...	...	...	1	100	41	111.1	45.6
Canal Zone	-	-	-	-	-	6	-	3	-	7.1
Falkland Islands	-	-	-	-	-	-	-	-	-	-
French Guiana	-	...	...	...	...	...	49	24	158.1	77.4
Guadeloupe	...	-	-	-	-	3	1	3	0.4	1.1
Martinique	-	-	-	-	-	-	-	-	-	-
Netherlands Antilles	*	...	...	...	...	138	...	...	...	...
Puerto Rico	1	-	1	-	0.0	7	8	-	0.3	-
St. Pierre and Miquelon	-	...	...	...	...	-	...	...	...	...
Surinam	*	-	-	-	-	96	...	...	...	...
Virgin Islands (U. K.)	...	-	-	-	-	...	...	...	...	...
Virgin Islands (U. S. A.)	-	1	-	3.3	-	30	6	4	20.0	12.5
West Indies Federation										
Antigua	*	-	-	-	-	1	-	-	-	-
Barbados	*	*	*	*	*	...	1	-	0.4	-
Dominica	*	...	...	...	...	133	...	...	...	...
Grenada	...	-	-	-	-	...	18	7	20.5	7.9
Jamaica	-	-	-	-	-	12	7	3	0.4	0.2
Montserrat	...	...	...	...	...	...	...	...	...	...
St. Kitts-Nevis-Anguilla	-	-	-	-	-	...	...	...	...	...
St. Lucia	-	-	-	-	-	-	-	-	-	-
St. Vincent	...	-	-	-	-	...	-	-	-	-
Trinidad and Tobago	-	...	...	...	...	4	...	...	...	...

(a) State of Guanabara and capitals of other states. Data for 1960 incomplete.

(b) Reporting area.

(c) Including Alaska and Hawaii.

TABLE 1. NUMBER OF REPORTED CASES OF NOTIFIABLE DISEASES WITH RATES PER 100,000 POPULATION
IN THE AMERICAS, 1959 AND 1960

Area	Bacillary dysentery, other and unspecified dysentery (045, 047, 048)					Scarlet fever (050)				
	Number			Rate		Number			Rate	
	Median 1954-58	1959	1960	1959	1960	Median 1954-58	1959	1960	1959	1960
Argentina	4 438	1 907	1 933	9.3	9.2	695	542	613	2.6	2.9
Bolivia	...	131	18	3.8	0.5	37	35	14	1.0	0.4
Brazil (a)	b 1 991	b 2 228	b 1 638	b 21.9	b 16.6	211	116	72	1.1	0.7
Canada	1 148	1 414	3 275	8.1	18.4	c 11 118	c 23 413	c 21 362	c 134.2	c 119.9
Chile	b 110	b 599	b 694	b 8.0	b 9.1	1 165	1 308	1 475	17.5	19.3
Colombia (d)	e 10 598	e 13 820	e 11 979	e 109.8	e 88.6	149	160	96	1.3	0.7
Costa Rica	241	491	1 185	43.6	101.2	20	35	21	3.1	1.8
Cuba	...	16	53	0.2	0.8	5	2	3	0.0	0.0
Dominican Republic	e 937	e 1 103	e 1 203	e 38.1	e 39.9	-	-	-	-	-
Ecuador	...	...	...	...	...	...	...	...	...	...
El Salvador (d)	b 1 144	...	...	...	...	c 66	...	...	...	...
Guatemala	b 4 568	b 2 139	b 11 976	b 58.6	b 318.6	18	92	39	2.5	1.0
Haiti	786	1 059	1 222	30.6	34.9	...	...	...	...	...
Honduras	...	10 901	17 584	577.7	901.7	...	1	1	0.1	0.1
Mexico	e 1 984	e 5 096	e 6 131	e 15.3	e 17.7	357	455	487	1.4	1.4
Nicaragua	e 281	...	...	...	...	...	...	...	...	...
Panama	685	645	570	63.0	54.1	-	1	-	0.1	-
Paraguay	b 1 428	b 3 053	b 2 631	b 176.7	b 148.8	16	12	8	0.7	0.5
Peru (d)	b 10 123	b 16 221	b 15 858	b 302.6	b 283.6	387	253	453	4.7	8.1
United States (f)	e 12 114	e 12 993	e 12 487	e 7.3	e 6.9	c 176 661	c 334 793	c 315 173	c 189.0	c 175.1
Uruguay	b 11	...	...	...	...	294	...	...	...	...
Venezuela (d)	66 264	87 650	107 008	2 270.7	2 671.2	23	18	69	0.5	1.7
Bahama Islands	...	...	...	...	...	-	1	-	1.0	-
Bermuda	...	...	...	...	...	1	1	4	2.3	8.9
British Guiana	541	...	...	...	...	-	-	-	-	-
British Honduras	237	34	236	37.8	262.2	-	...	...	...	...
Canal Zone	e 11	21	18	50.0	42.9	c 1	c 6	-	c 14.3	-
Falkland Islands	-	-	-	-	-	-	-	-	-	-
French Guiana	40	1	...	3.2	...	...	...	...	...	...
Guadeloupe	4	...	...	...	...	-	...	...	...	...
Martinique	-	-	-	-	-	-	-	1	-	0.4
Netherlands Antilles	e 1 450	e 1 506	e 1 729	e 772.3	e 895.9	-	3	1	1.5	0.5
Puerto Rico	e 1	e 8	e 3	e 0.3	e 0.1	c 2	c 131	c 81	c 5.6	c 3.4
St. Pierre and Miquelon	-	...	...	...	...	-	...	...	...	...
Surinam	34	...	...	...	...	-	-	-	-	-
Virgin Islands (U.K.)	...	b 21	b 37	b 300.0	b 528.6	-	-	-	-	-
Virgin Islands (U.S.A.)	-	e 18	e 34	e 60.0	e 106.2	-	-	1	-	3.1
West Indies Federation	-	-	-	-	-	-	-	-	-	-
Antigua	e 161	e 199	e 65	e 368.5	e 120.4	-	-	-	-	-
Barbados	-	-	-	-	-	*	*	*	*	*
Dominica	135	...	...	...	...	-	...	...	...	...
Grenada	...	...	...	...	...	...	-	-	-	-
Jamaica	81	224	292	14.1	18.2	11	9	16	0.6	1.0
Montserrat	...	...	...	...	...	...	...	...	...	...
St. Kitts-Nevis-Anguilla	b 240	b 258	b 180	b 460.7	b 315.8	-	-	-	-	-
St. Lucia	e 234	e 288	e 332	e 338.8	e 386.0	-	-	-	-	-
St. Vincent	41	...	...	...	...	-	-	-	-	-
Trinidad and Tobago	171	...	...	...	...	*	...	...	...	...

(a) State of Guanabara and capitals of other states. Data for 1960 incomplete.

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

(c) Including streptococcal sore throat (051).

(d) Reporting area.

(e) Bacillary dysentery (045).

(f) Including Alaska and Hawaii.

TABLE 1. NUMBER OF REPORTED CASES OF NOTIFIABLE DISEASES WITH RATES PER 100,000 POPULATION
IN THE AMERICAS, 1959 AND 1960

Area	Diphtheria (055)					Whooping cough (056)				
	Number			Rate		Number			Rate	
	Median 1954-58	1959	1960	1959	1960	Median 1954-58	1959	1960	1959	1960
Argentina	2 207	2 446	2 852	11.9	13.6	31 501	18 351	38 146	89.0	182.0
Bolivia	22	12	5	0.4	0.1	837	1 270	566	37.2	16.3
Brazil (a)	2 712	5 367	1 904	52.7	19.3	7 383	7 983	4 499	78.3	45.6
Canada	139	38	53	0.2	0.3	8 513	7 259	6 014	41.8	33.8
Chile	1 027	2 009	2 966	26.9	38.9	7 380	6 348	5 030	85.0	65.9
Colombia (b)	1 428	1 536	1 321	12.2	9.8	34 311	34 546	42 472	274.5	314.3
Costa Rica	148	124	136	11.0	11.6	1 352	1 339	1 735	118.9	148.2
Cuba	175	316	551	4.7	8.1	49	699	229	10.5	3.4
Dominican Republic	319	371	449	12.8	14.9	2 694	5 801	6 476	200.4	214.9
Ecuador	441	354	351	8.5	8.2	...	...	...	...	...
El Salvador (b)	105	113	138	8.6	9.4	1 577	2 188	1 945	166.1	132.7
Guatemala	93	38	56	1.0	1.5	5 728	2 310	1 627	63.3	43.3
Haiti	56	55	65	1.6	1.9	1 900	5 438	1 649	157.0	47.0
Honduras	...	1	5	0.1	0.3	2 416	593	1 155	31.4	59.2
Mexico	857	679	767	2.0	2.2	34 023	39 168	24 116	117.6	69.6
Nicaragua	41	64	126	4.5	8.5	749	652	611	45.8	41.4
Panama	28	28	33	2.7	3.1	547	799	301	78.0	28.6
Paraguay	37	62	66	3.6	3.7	2 275	4 975	1 571	287.9	88.9
Peru (b)	191	161	84	3.0	1.5	13 266	20 631	19 005	384.9	339.9
United States (c)	1 574	936	918	0.5	0.5	32 199	40 034	14 809	22.6	8.2
Uruguay	55	...	...	...	...	1 095	4 320	1 011	154.2	34.9
Venezuela (b)	641	615	661	15.9	16.5	14 045	23 666	33 560	613.1	837.7
Bahama Islands	-	...	...	...	...	7	1 173	31	1 138.8	20.0
Bermuda	-	-	-	-	-	6	74	...	168.2	...
British Guiana	47	23	11	4.2	1.9	503	...	...	...	...
British Honduras	4	12	15	13.3	16.7	99	7	-	7.8	-
Canal Zone	1	-	4	-	9.5	1	-	2	-	4.8
Falkland Islands	-	-	-	-	-	-	1	-	50.0	-
French Guiana	-	-	-	-	-	1	20	6	64.5	19.4
Guadeloupe	10	2	2	0.8	0.7	4	16	-	6.1	-
Martinique	-	12	-	4.4	-	29	-	5	-	1.8
Netherlands Antilles	4	10	8	5.1	4.1	*	*	*	*	*
Puerto Rico	76	74	142	3.2	6.0	742	816	265	34.8	11.3
St. Pierre and Miquelon	-	...	...	...	...	-	...	...	...	...
Surinam	86	11	4	4.3	1.5	*	...	...	...	...
Virgin Islands (U.K.)	-	-	-	-	-	-	4	-	57.1	-
Virgin Islands (U.S.A.)	-	-	...	-	...	-	1	-	3.3	-
West Indies Federation	-	-	-	-	-	-	-	-	-	-
Antigua	-	-	-	-	-	127	8	1	14.8	1.9
Barbados	8	-	-	-	-	*	*	*	*	*
Dominica	-	...	...	...	...	7	...	...	...	...
Grenada	...	-	1	-	1.1	...	-	26	-	29.2
Jamaica	41	22	77	1.4	4.8	1 259	1 109	149	69.7	9.3
Montserrat	...	...	...	...	...	1	...	...	...	...
St. Kitts-Nevis-Anguilla	1	2	1	3.6	1.8	2	44	4	78.6	7.0
St. Lucia	-	-	-	-	-	65	12	8	14.1	9.3
St. Vincent	-	-	-	-	-	17	49	45	62.0	56.3
Trinidad and Tobago	85	...	...	...	...	226	...	...	...	...

(a) State of Guanabara and capitals of other states. Data for 1960 incomplete.

(b) Reporting area.

(c) Including Alaska and Hawaii.

TABLE 1. NUMBER OF REPORTED CASES OF NOTIFIABLE DISEASES WITH RATES PER 100,000 POPULATION
IN THE AMERICAS, 1959 AND 1960

Area	Meningococcal infections (057)					Plague (058)				
	Number			Rate		Number			Rate	
	Median 1954-58	1959	1960	1959	1960	Median 1954-58	1959	1960	1959	1960
Argentina	247	239	175	1.2	0.8	-	-	-	-	-
Bolivia	17	26	9	0.8	0.3	3	-	12	-	0.3
Brazil	a 359	a 303	a 185	a 3.0	a 1.9	25	16	28	0.0	0.0
Canada	285	201	158	1.2	0.9	-	-	-	-	-
Chile	121	93	106	1.2	1.4	-	-	-	-	-
Colombia	b 686	b 413	b 361	b 3.3	b 2.7	-	-	-	-	-
Costa Rica	18	15	21	1.3	1.8	-	-	-	-	-
Cuba	...	12	30	0.2	0.4	-	-	-	-	-
Dominican Republic	-	-	-	-	-	-	-	-	-	-
Ecuador	-	...	...	...	...	79	40	77	1.0	1.8
El Salvador	...	b -	b -	b -	b -	-	-	-	-	-
Guatemala	70	3	-	0.1	-	-	-	-	-	-
Haiti	26	42	50	1.2	1.4	-	-	-	-	-
Honduras	...	1	4	0.1	0.2	-	-	-	-	-
Mexico	38	31	34	0.1	0.1	-	-	-	-	-
Nicaragua	13	8	...	0.6	...	-	-	-	-	-
Panama	13	10	10	1.0	1.0	-	-	-	-	-
Paraguay	87	28	14	1.6	0.8	-	-	-	-	-
Peru	b 79	b 118	...	b 2.2	...	37	33	139	0.3	1.3
United States (c)	2 755	2 184	2 259	1.2	1.3	-	4	2	0.0	0.0
Uruguay	...	...	...	...	...	-	-	-	-	-
Venezuela	b 105	b 102	b 18	b 2.6	b 0.4	-	-	-	-	-
Bahama Islands	-	...	...	...	...	-	-	-	-	-
Bermuda	-	1	2	2.3	4.4	-	-	-	-	-
British Guiana	24	...	...	...	...	-	-	-	-	-
British Honduras	2	...	...	...	...	-	-	-	-	-
Canal Zone	1	-	-	-	-	-	-	-	-	-
Falkland Islands	-	-	-	-	-	-	-	-	-	-
French Guiana	...	2	...	6.5	...	-	-	-	-	-
Guadeloupe	3	...	...	...	...	-	-	-	-	-
Martinique	-	-	1	-	0.4	-	-	-	-	-
Netherlands Antilles	*	*	*	*	*	-	-	-	-	-
Puerto Rico	6	3	11	0.1	0.5	-	-	-	-	-
St. Pierre and Miquelon	-	...	...	...	...	-	-	-	-	-
Surinam	-	...	...	...	...	-	-	-	-	-
Virgin Islands (U.K.)	-	-	-	-	-	-	-	-	-	-
Virgin Islands (U.S.A.)	-	-	...	-	...	-	-	-	-	-
West Indies Federation	-	-	-	-	-	-	-	-	-	-
Antigua	-	-	-	-	-	-	-	-	-	-
Barbados	2	-	-	-	-	-	-	-	-	-
Dominica	-	...	...	...	...	-	-	-	-	-
Grenada	-	4	6	4.5	6.7	-	-	-	-	-
Jamaica	22	4	10	0.3	0.6	-	-	-	-	-
Montserrat	...	...	...	...	...	-	-	-	-	-
St. Kitts-Nevis-Anguilla	1	1	2	1.8	3.5	-	-	-	-	-
St. Lucia	-	-	-	-	-	-	-	-	-	-
St. Vincent	-	2	-	2.5	-	-	-	-	-	-
Trinidad and Tobago	-	...	...	...	...	-	-	-	-	-

- (a) State of Guanabara and capitals of other states. Data for 1960 incomplete.
 (b) Reporting area.
 (c) Including Alaska and Hawaii.

TABLE 1. NUMBER OF REPORTED CASES OF NOTIFIABLE DISEASES WITH RATES PER 100,000 POPULATION
IN THE AMERICAS, 1959 AND 1960

Area	Leprosy (060)					Tetanus (061)				
	Number			Rate		Number			Rate	
	Median 1954-58	1959	1960	1959	1960	Median 1954-58	1959	1960	1959	1960
Argentina	420	438	442	2.1	2.1	284	469	520	2.3	2.5
Bolivia	7	109	33	3.2	1.0	...	25	9	0.7	0.3
Brazil	6 190	7 468	6 696	11.6	10.2	...	a 783	a 626	a 7.7	a 6.3
Canada	2	-	2	-	0.0	10	10	12	0.1	0.1
Chile	-	18	16	0.2	0.2	...	50	61	0.7	0.8
Colombia (b)	822	594	526	4.7	3.9	603	738	791	5.9	5.9
Costa Rica	34	35	57	3.1	4.9	261	289	63	25.7	5.4
Cuba	30	190	134	2.9	2.0	64	95	339	1.4	5.0
Dominican Republic	40	40	42	1.4	1.4	410	448	366	15.5	12.1
Ecuador	...	...	...	...	...	...	...	...	...	...
El Salvador (b)	...	50	10	3.8	0.7	91	124	174	9.4	11.9
Guatemala	6	4	1	0.1	0.0	64	153	35	4.2	0.9
Haiti	7	6	9	0.2	0.3	...	361	562	10.4	16.0
Honduras	...	-	2	-	0.1	...	...	6	...	0.3
Mexico	119	111	115	0.3	0.3	610	933	1 089	2.8	3.1
Nicaragua	8	12	138	0.8	9.4	77	...	...	...	...
Panama	6	-	4	-	0.4	31	89	54	8.7	5.1
Paraguay	335	221	285	12.8	16.1	164	137	161	7.9	9.1
Peru (b)	88	63	162	1.2	2.9	163	270	...	5.0	...
United States (c)	67	50	54	0.0	0.0	469	445	368	0.3	0.2
Uruguay	12	19	23	0.7	0.8	46	...	...	...	...
Venezuela (b)	288	408	403	10.6	10.1	971	944	919	24.5	22.9
Bahama Islands	1	1	-	1.0	-	2	...	...	...	...
Bermuda	-	-	-	-	-	...	...	...	...	...
British Guiana	82	...	...	...	...	58	...	...	...	...
British Honduras	-	-	-	-	-	7	9	8	10.0	8.9
Canal Zone	-	-	1	-	2.4	1	-	-	-	-
Falkland Islands	-	-	-	-	-	-	-	-	-	-
French Guiana	38	38	64	122.6	206.5	6	4	6	12.9	19.4
Guadeloupe	74	60	41	22.7	15.2	10	17	12	6.4	4.4
Martinique	130	75	53	27.7	19.1	8	6	13	2.2	4.7
Netherlands Antilles	5	3	2	1.5	1.0	*	...	...	...	...
Puerto Rico	2	-	2	-	0.1	116	81	80	3.5	3.4
St. Pierre and Miquelon	-	-	-	-	-	-	...	...	...	...
Surinam	268	112	119	43.9	44.1	*	...	...	...	...
Virgin Islands (U. K.)	-	-	-	-	-	...	1	1	14.3	14.3
Virgin Islands (U. S. A.)	1	2	-	6.7	-	-	-	...	-	...
West Indies Federation										
Antigua	4	3	4	5.6	7.4	4	6	4	11.1	7.4
Barbados	1	2	-	0.9	-	*	*	*	*	*
Dominica	1	-	-	-	-	14	...	...	...	...
Grenada	...	5	-	5.7	-	...	2	3	2.3	3.4
Jamaica	18	28	16	1.8	1.0	53	87	105	5.5	6.5
Montserrat	-	...	...	...	...	...	...	...	...	...
St. Kitts-Nevis-Anguilla	2	5	-	8.9	-	2	-	-	-	-
St. Lucia	2	3	-	3.5	-	8	*	*	*	*
St. Vincent	1	1	2	1.3	2.5	...	11	-	13.9	-
Trinidad and Tobago	38	...	...	...	...	*	...	...	...	...

(a) State of Guanabara and capitals of other states. Data for 1960 incomplete.

(b) Reporting area.

(c) Including Alaska and Hawaii.

TABLE 1. NUMBER OF REPORTED CASES OF NOTIFIABLE DISEASES WITH RATES PER 100,000 POPULATION
IN THE AMERICAS, 1959 AND 1960

Area	Anthrax (062)					Relapsing fever (071)				
	Number			Rate		Number			Rate	
	Median 1954-58	1959	1960	1959	1960	Median 1954-58	1959	1960	1959	1960
Argentina	211	183	244	0.9	1.2	-	-	a 18	-	a 0.1
Bolivia	...	6	-	0.2	-	...	b 1	-	b 0.0	-
Brazil (c)	-	-	-	-	-	...	...	...	...	...
Canada	-	-	-	-	-	-	-	-	-	-
Chile	394	244	289	3.3	3.8	...	-	-	-	-
Colombia (d)	13	7	1	0.1	0.0	a 126	a 94	95	a 0.7	0.7
Costa Rica	8	6	2	0.5	0.2	-	...	...	...	...
Cuba	...	*	*	*	*	...	...	...	...	...
Dominican Republic	-	...	...	...	...	-	-	-	-	-
Ecuador	...	...	...	...	...	...	...	...	...	...
El Salvador (d)	...	...	...	...	...	-	-	-	-	-
Guatemala	69	...	...	...	...	...	-	-	-	-
Haiti	40	29	49	0.8	1.4	...	...	...	...	...
Honduras	...	...	2	...	0.1	...	...	...	...	...
Mexico	143	...	...	...	...	3	a 8	a 6	a 0.0	a 0.0
Nicaragua	36	...	...	...	...	...	...	...	...	...
Panama	1	-	-	-	-	-	-	-	-	-
Paraguay	...	32	16	1.9	0.9	-	-	-	-	-
Peru (d)	40	85	...	1.6	...	15	b 9	-	b 0.1	-
United States (e)	26	12	23	0.0	0.0	...	...	...	...	...
Uruguay	47	30	109	1.1	3.8	...	...	...	...	...
Venezuela (d)	58	46	46	1.2	1.1	44	111	95	2.9	2.4
Bahama Islands	...	...	...	...	...	...	...	...	...	...
Bermuda	...	...	...	...	...	...	-	-	-	-
British Guiana	-	...	...	...	...	...	...	...	...	...
British Honduras	-	...	...	...	...	-	...	...	...	...
Canal Zone	-	-	-	-	-	-	-	-	-	-
Falkland Islands	-	-	-	-	-	-	-	-	-	-
French Guiana	...	...	...	...	...	...	...	...	...	...
Guadeloupe	...	-	-	-	-	...	...	...	...	...
Martinique	*	*	*	*	*	-	-	-	-	-
Netherlands Antilles	...	...	...	...	...	...	...	...	...	...
Puerto Rico	-	-	-	-	-	...	-	-	-	-
St. Pierre and Miquelon	-	...	...	...	...	...	...	...	...	...
Surinam	-	...	...	...	...	-	-	-	-	-
Virgin Islands (U.K.)	...	-	-	-	-	...	-	-	-	-
Virgin Islands (U.S.A.)	-	-	...	-	...	-	...	...	...	...
West Indies Federation	...	...	...	...	...	...	...	...	...	...
Antigua	*	-	-	-	-	-	-	-	-	-
Barbados	*	*	*	*	*	-	-	-	-	-
Dominica	*	...	...	...	...	...	...	...	...	...
Grenada	...	-	-	-	-	...	-	-	-	-
Jamaica	-	-	-	-	-	-	-	-	-	-
Montserrat	...	...	...	...	...	...	...	...	...	...
St. Kitts-Nevis-Anguilla	-	-	-	-	-	-	-	-	-	-
St. Lucia	-	-	-	-	-	-	-	-	-	-
St. Vincent	...	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	...	...	...	...	...	...	...	...	...

- (a) Tick-borne relapsing fever (071.1).
(b) Louse-borne relapsing fever (071.0).
(c) State of Guanabara and capitals of other states. Data for 1960 incomplete.
(d) Reporting area.
(e) Including Alaska and Hawaii.

TABLE 1. NUMBER OF REPORTED CASES OF NOTIFIABLE DISEASES WITH RATES PER 100,000 POPULATION
IN THE AMERICAS, 1959 AND 1960

Area	Yaws (073)					Acute poliomyelitis (080)				
	Number			Rate		Number			Rate	
	Median 1954-58	1959	1960	1959	1960	Median 1954-58	1959	1960	1959	1960
Argentina	-	-	-	-	-	a 842	a 1030	a 1097	a 5.0	a 5.2
Bolivia	...	-	-	-	-	3	5	-	0.1	-
Brazil (b)	1	-	1	-	0.0	698	875	1091	8.6	11.1
Canada	*	*	*	*	*	607	a 1886	a 905	a 10.8	a 5.1
Chile	-	*	*	*	*	416	456	546	6.1	7.2
Colombia (c)	1201	810	463	6.4	3.4	155	234	233	1.9	1.7
Costa Rica	1	...	...	...	...	63	41	66	3.8	5.6
Cuba	-	-	1	-	0.0	96	288	330	4.3	4.9
Dominican Republic	...	181	303	6.3	10.1	4	321	29	11.1	1.0
Ecuador	...	...	...	...	...	40	43	36	1.0	0.8
El Salvador (c)	-	-	-	-	-	a 43	a 60	a 48	a 4.6	a 3.3
Guatemala	-	-	-	-	-	107	159	78	4.4	2.1
Haiti	2017	860	336	24.8	9.6	15	122	39	3.5	1.1
Honduras	...	...	...	...	...	20	13	27	0.7	1.4
Mexico	*	...	...	...	...	a 904	a 1877	a 1125	a 5.6	a 3.2
Nicaragua	...	...	...	...	...	a 68	a 20	a 211	a 1.4	a 14.3
Panama	123	-	2	-	0.2	11	24	29	2.3	2.8
Paraguay	-	-	-	-	-	37	27	43	1.6	2.4
Peru (c)	184	102	...	1.9	...	291	435	453	8.1	8.1
United States (d)	...	...	...	...	...	15213	8428	3190	4.8	1.8
Uruguay	*	...	...	...	...	86	55	15	2.0	0.5
Venezuela (c)	716	250	146	6.5	3.6	359	475	333	12.3	8.3
Bahama Islands	-	...	...	...	...	-	7	1	6.8	1.0
Bermuda	...	-	-	-	-	-	-	7	-	15.6
British Guiana	65	...	...	...	...	3	2	1	0.4	0.2
British Honduras	-	-	-	-	-	-	9	-	10.0	-
Canal Zone	-	-	-	-	-	4	1	-	2.4	-
Falkland Islands	-	-	-	-	-	-	-	-	-	-
French Guiana	...	-	-	-	-	-	-	2	-	6.5
Guadeloupe	...	-	-	-	-	4	1	-	0.4	-
Martinique	*	*	*	*	*	-	-	2	-	0.7
Netherlands Antilles	-	-	-	-	-	5	-	1	-	0.5
Puerto Rico	-	-	-	-	-	54	21	505	0.9	21.5
St. Pierre and Miquelon	...	...	...	...	...	-	-	-	-	-
Surinam	341	...	...	...	...	-	-	-	-	-
Virgin Islands (U. K.)	-	-	-	-	-	-	-	-	-	-
Virgin Islands (U. S. A.)	-	...	...	...	...	-	-	...	-	...
West Indies Federation										
Antigua	27	10	53	18.5	98.1	-	-	-	-	-
Barbados	*	*	*	*	*	-	6	-	2.6	-
Dominica	348	...	...	...	...	-	-	-	-	-
Grenada	...	-	3	-	3.4	19	1	-	1.1	-
Jamaica	*	20	275	1.3	17.1	92	18	132	1.1	8.2
Montserrat	71	...	...	...	...	...	...	...	...	...
St. Kitts-Nevis-Anguilla	236	-	-	-	-	-	1	1	1.8	1.8
St. Lucia	640	140	64	164.7	74.4	2	-	-	-	-
St. Vincent	410	73	60	92.4	75.0	-	-	2	-	2.5
Trinidad and Tobago	719	...	...	...	...	27	...	...	...	...

(a) Paralytic poliomyelitis (080.0, 080.1)

(b) State of Guanabara and capitals of other states. Data for 1960 incomplete.

(c) Reporting area.

(d) Including Alaska and Hawaii.

TABLE 1. NUMBER OF REPORTED CASES OF NOTIFIABLE DISEASES WITH RATES PER 100,000 POPULATION IN THE AMERICAS, 1959 AND 1960

Area	Acute infectious encephalitis (082)					Smallpox (084)				
	Number			Rate		Number			Rate	
	Median 1954-58	1959	1960	1959	1960	Median 1954-58	1959	1960	1959	1960
Argentina	183	491	502	2.4	2.4	86	36	65	0.2	0.3
Bolivia	-	-	-	-	-	499	7	1	0.2	0.0
Brazil (a)	100	177	170	1.7	1.7	1411	2629	2644	25.8	26.8
Canada	35	b 24	b 9	b 0.1	b 0.1	-	-	-	-	-
Chile	61	75	90	1.0	1.2	-	1	-	0.0	-
Colombia	c 105	c 92	c 102	c 0.7	c 0.8	2572	950	209	6.9	1.5
Costa Rica	12	10	7	0.9	0.6	-	-	-	-	-
Cuba	...	5	13	0.1	0.2	-	-	-	-	-
Dominican Republic	-	-	-	-	-	-	-	-	-	-
Ecuador	...	...	...	...	...	913	1140	2185	27.3	50.8
El Salvador	...	c -	c -	c -	c -	-	-	-	-	-
Guatemala	30	...	...	...	...	-	-	-	-	-
Haiti	1	25	16	0.7	0.5	-	-	-	-	-
Honduras	...	4	2	0.2	0.1	-	-	-	-	-
Mexico	5	34	31	0.1	0.1	-	-	-	-	-
Nicaragua	...	...	...	...	...	-	-	-	-	-
Panama	2	1	-	0.1	-	-	-	-	-	-
Paraguay	21	24	31	1.4	1.8	103	-	35	-	2.0
Peru	c 22	c 30	c 62	c 0.6	c 1.1	-	-	-	-	-
United States (d)	2589	2440	2341	1.4	1.3	1	-	-	-	-
Uruguay	11	b 35	b 32	b 1.2	b 1.1	2	-	e 19	-	e 0.7
Venezuela	c 39	c 65	c 74	c 1.7	c 1.8	2	-	-	-	-
Bahama Islands	-	...	...	...	...	-	-	-	-	-
Bermuda	-	-	-	-	-	-	-	-	-	-
British Guiana	-	...	...	...	...	-	-	-	-	-
British Honduras	-	...	...	...	...	-	-	-	-	-
Canal Zone	-	2	-	4.8	-	-	-	-	-	-
Falkland Islands	-	-	-	-	-	-	-	-	-	-
French Guiana	2	...	...	...	...	-	-	-	-	-
Guadeloupe	-	...	...	...	...	-	-	-	-	-
Martinique	-	-	-	-	-	-	-	-	-	-
Netherlands Antilles	*	*	*	*	*	-	-	-	-	-
Puerto Rico	-	-	1	-	0.0	-	-	-	-	-
St. Pierre and Miquelon	-	...	...	...	...	-	-	-	-	-
Surinam	*	-	-	-	-	-	-	-	-	-
Virgin Islands (U. K.)	-	-	-	-	-	-	-	-	-	-
Virgin Islands (U. S. A.)	-	-	...	-	...	-	-	-	-	-
West Indies Federation	-	-	-	-	-	-	-	-	-	-
Antigua	-	-	-	-	-	-	-	-	-	-
Barbados	*	*	*	*	*	-	-	-	-	-
Dominica	-	...	...	...	...	-	-	-	-	-
Grenada	...	-	-	-	-	-	-	-	-	-
Jamaica	1	5	1	0.3	0.1	-	-	-	-	-
Montserrat	...	...	...	...	...	-	-	-	-	-
St. Kitts-Nevis-Anguilla	-	-	4	-	7.0	-	-	-	-	-
St. Lucia	-	-	-	-	-	-	-	-	-	-
St. Vincent	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	...	...	...	...	-	-	-	-	-

(a) State of Guanabara and capitals of other states. Data for 1960 incomplete.

(b) Arthropod-borne encephalitis (082.0).

(c) Reporting area.

(d) Including Alaska and Hawaii.

(e) Including 2 imported cases.

TABLE 1. NUMBER OF REPORTED CASES OF NOTIFIABLE DISEASES WITH RATES PER 100,000 POPULATION
IN THE AMERICAS, 1959 AND 1960

Area	Measles (085)					Yellow fever (091)				
	Number			Rate		Number			Rate	
	Median 1954-58	1959	1960	1959	1960	Median 1954-58	1959	1960	1959	1960
Argentina	17074	18 122	29 978	87.9	143.1	-	-	-	-	-
Bolivia	694	416	413	12.2	11.9	4	1	14	0.0	0.4
Brazil	a 3 116	a 4 142	a 2 707	a 40.7	a 27.5	9	4	1	0.0	0.0
Canada	49 612	*	*	*	*	-	-	-	-	-
Chile	11 831	14 596	32 720	195.5	429.0	-	-	-	-	-
Colombia	b33 198	b39 393	b38 226	b 313.0	b282.9	21	21	11	0.2	0.1
Costa Rica	1 350	1 600	2 220	142.1	189.6	-	-	-	-	-
Cuba	226	684	728	10.3	10.7	-	-	-	-	-
Dominican Republic	1 722	2 631	2 701	90.9	89.6	-	-	-	-	-
Ecuador	...	...	...	...	...	-	-	-	-	-
El Salvador	b 3 002	b 5 011	b 4 371	b 380.5	b298.2	-	-	-	-	-
Guatemala	1 238	522	1 630	14.3	43.4	-	-	-	-	-
Haiti	392	917	876	26.5	25.0	-	-	-	-	-
Honduras	...	...	1 585	...	81.3	-	-	-	-	-
Mexico	40 524	38 019	47 367	114.2	136.8	-	-	-	-	-
Nicaragua	850	453	186	31.8	12.6	-	-	-	-	-
Panama	649	1 976	835	193.0	79.3	-	-	-	-	-
Paraguay	1 352	977	1 705	56.5	96.4	-	-	-	-	-
Peru	b10 258	b13 126	b17 860	b 244.9	b319.4	3	1	6	0.0	0.1
United States (c)	620 518	410 825	441 703	231.9	245.4	-	-	-	-	-
Uruguay	1 631	...	...	...	...	-	-	-	-	-
Venezuela	b11 845	b21 807	b20 710	b 564.9	b517.0	6	1	2	0.0	0.0
Bahama Islands	46	8	68	7.8	64.8	-	-	-	-	-
Bermuda	35	68	404	154.5	897.8	-	-	-	-	-
British Guiana	186	*	*	*	*	-	-	-	-	-
British Honduras	55	57	534	63.3	593.3	-	-	-	-	-
Canal Zone	61	166	155	395.2	369.0	-	-	-	-	-
Falkland Islands	-	-	-	-	-	-	-	-	-	-
French Guiana	3	...	150	...	483.9	-	-	-	-	-
Guadeloupe	28	9	15	3.4	5.6	-	-	-	-	-
Martinique	3	-	104	-	37.5	-	-	-	-	-
Netherlands Antilles	*	*	*	*	*	-	-	-	-	-
Puerto Rico	3 347	2 331	1 411	99.3	60.0	-	-	-	-	-
St. Pierre and Miquelon	-	...	...	...	...	-	-	-	-	-
Surinam	*	...	...	...	...	-	-	-	-	-
Virgin Islands (U. K.)	...	-	-	-	-	-	-	-	-	-
Virgin Islands (U. S. A.)	13	-	3	-	9.4	-	-	-	-	-
West Indies Federation										
Antigua	42	52	8	96.3	14.8	-	-	-	-	-
Barbados	*	*	*	*	*	-	-	-	-	-
Dominica	24	...	...	...	...	-	-	-	-	-
Grenada	...	4	-	4.5	-	-	-	-	-	-
Jamaica	304	4 316	290	271.1	18.0	-	-	-	-	-
Montserrat	6	...	...	...	...	-	-	-	-	-
St. Kitts-Nevis-Anguilla	157	90	711	160.7	1247.4	-	-	-	-	-
St. Lucia	13	-	-	-	-	-	-	-	-	-
St. Vincent	-	242	263	306.3	328.7	-	-	-	-	-
Trinidad and Tobago	264	...	...	...	...	-	2	-	0.2	-

(a) State of Guanabara and capitals of other states. Data for 1960 incomplete.

(b) Reporting area.

(c) Including Alaska and Hawaii.

Note: All yellow fever cases reported were jungle yellow fever.

TABLE 1. NUMBER OF REPORTED CASES OF NOTIFIABLE DISEASES WITH RATES PER 100,000 POPULATION
IN THE AMERICAS, 1959 AND 1960

Area	Infectious hepatitis (092)					Rabies (094)				
	Number			Rate		Number			Rate	
	Median 1954-58	1959	1960	1959	1960	Median 1954-58	1959	1960	1959	1960
Argentina	821	2 356	2 028	11.4	9.7	13	20	13	0.1	0.1
Bolivia	...	107	-	3.1	-	-	9	2	0.3	0.1
Brazil (a)	...	...	...	...	...	28	30	9	0.3	0.1
Canada	3 885	b 4 728	b 6 476	b 27.1	b 36.4	-	-	-	-	-
Chile	...	*	*	*	*	4	6	6	0.1	0.1
Colombia (c)	*	*	*	*	*	33	20	16	0.2	0.1
Costa Rica	259	274	321	24.3	27.4	-	...	...	...	...
Cuba	...	58	554	0.8	8.2	2	5	3	0.1	0.0
Dominican Republic	...	...	...	...	...	-	-	1	-	0.0
Ecuador	...	...	...	...	...	...	...	18	...	0.4
El Salvador (c)	204	236	259	17.9	17.7	3	3	3	0.2	0.2
Guatemala	...	...	...	...	...	4	8	10	0.2	0.3
Haiti	...	32	57	0.9	1.6	-	...	...	...	...
Honduras	...	...	78	...	4.0	...	6	-	0.3	-
Mexico	629	2 621	3 025	7.9	8.7	31	30	49	0.1	0.1
Nicaragua	...	...	...	...	...	...	...	1	...	0.1
Panama	...	...	...	...	...	-	-	-	-	-
Paraguay	...	...	...	...	...	...	2	-	0.1	-
Peru (c)	2 006	2 415	...	45.1	...	14	8	11	0.1	0.2
United States (d)	b 19 526	b 23 624	b 41 666	b 13.3	b 23.2	5	7	2	0.0	0.0
Uruguay	*	...	...	...	...	-	-	-	-	-
Venezuela	*	*	*	*	*	15	14	5	0.2	0.1
Bahama Islands	...	...	...	...	...	-	-	-	-	-
Bermuda	16	-	2	-	4.4	...	-	-	-	-
British Guiana	72	...	...	...	...	*	-	5	-	0.9
British Honduras	-	-	1	-	1.1	-	-	-	-	-
Canal Zone	b 16	b 18	b 20	b 42.9	b 47.6	-	-	-	-	-
Falkland Islands	-	19	3	950.0	150.0	-	-	-	-	-
French Guiana	...	...	...	...	...	-	...	...	...	...
Guadeloupe	...	...	...	...	...	-	-	-	-	-
Martinique	*	*	*	*	*	-	-	-	-	-
Netherlands Antilles	*	...	...	...	...	-	-	-	-	-
Puerto Rico	b 162	b 486	b 792	b 20.7	b 33.7	-	-	-	-	-
St. Pierre and Miquelon	-	...	...	...	...	-	-	-	-	-
Surinam	*	...	...	...	...	-	-	-	-	-
Virgin Islands (U. K.)	...	-	1	-	14.3	-	-	-	-	-
Virgin Islands (U. S. A.)	-	-	...	-	...	-	-	...	-	...
West Indies Federation	-	-	-	-	-	-	-	-	-	-
Antigua	-	-	-	-	-	-	-	-	-	-
Barbados	*	*	*	*	*	*	*	*	*	*
Dominica	...	...	...	...	...	-	-	-	-	-
Grenada	...	-	-	-	-	...	-	-	-	-
Jamaica	49	436	636	27.4	39.6	-	-	-	-	-
Montserrat	3	...	...	...	...	...	...	...	...	...
St. Kitts-Nevis-Anguilla	43	-	-	-	-	-	-	-	-	-
St. Lucia	4	*	*	*	*	-	-	-	-	-
St. Vincent	...	19	-	24.1	-	-	-	-	-	-
Trinidad and Tobago	*	...	...	...	...	-	...	...	...	...

(a) State of Guanabara and capitals of other states. Data for 1960 incomplete.
 (b) Including serum jaundice (N 998.5 pt.)
 (c) Reporting area.
 (d) Including Alaska and Hawaii.

TABLE 1. NUMBER OF REPORTED CASES OF NOTIFIABLE DISEASES WITH RATES PER 100,000 POPULATION
IN THE AMERICAS, 1959 AND 1960

Area	Trachoma (095)					Louse-borne typhus (100)				
	Number			Rate		Number			Rate	
	Median 1954-58	1959	1960	1959	1960	Median 1954-58	1959	1960	1959	1960
Argentina	2 529	1 038	1 038	5.0	4.9	-	4	-	0.0	-
Bolivia	...	7	-	0.2	-	216	29	7	0.8	0.2
Brazil	...	17 ^a	11 ^a	0.2	0.1	-	-	-	-	-
Canada	4	*	*	*	*	-	-	-	-	-
Chile	2	4	5	0.1	0.1	7	6	10	0.1	0.1
Colombia	*	*	*	*	*	77	15	28	0.1	0.2
Costa Rica	-	...	...	...	...	-	-	-	-	-
Cuba	...	-	2	-	0.0	-	-	-	-	-
Dominican Republic	152	250	520	8.6	17.3	-	-	-	-	-
Ecuador	...	...	...	...	...	233	267	481	6.4	11.2
El Salvador	^b -	^b -	^b -	^b -	^b -	^c 8	-	-	-	-
Guatemala	...	...	...	...	...	-	-	-	-	-
Haiti	...	30	1	0.9	0.0	-	-	-	-	-
Honduras	...	...	...	...	...	-	-	-	-	-
Mexico	11	12	14	0.0	0.0	382	242	106	0.7	0.3
Nicaragua	...	...	...	...	...	-	-	-	-	-
Panama	-	-	-	-	-	-	-	-	-	-
Paraguay	19	...	...	...	...	-	-	-	-	-
Peru	...	...	...	...	...	172	96	38	0.9	0.4
United States (d)	...	...	20	...	0.0	-	-	-	-	-
Uruguay	3	...	...	...	...	-	-	-	-	-
Venezuela	^b 22	^b 48	^b 25	^b 1.2	^b 0.6	-	-	-	-	-
Bahama Islands	...	...	...	...	...	-	-	-	-	-
Bermuda	...	...	...	...	...	-	-	-	-	-
British Guiana	...	-	-	-	-	-	-	-	-	-
British Honduras	-	...	...	...	...	-	-	-	-	-
Canal Zone	-	-	-	-	-	-	-	-	-	-
Falkland Islands	-	-	-	-	-	-	-	-	-	-
French Guiana	-	...	...	...	...	-	-	-	-	-
Guadeloupe	...	...	...	...	...	-	-	-	-	-
Martinique	-	-	-	-	-	-	-	-	-	-
Netherlands Antilles	*	*	*	*	*	-	-	-	-	-
Puerto Rico	...	...	...	...	...	-	-	-	-	-
St. Pierre and Miquelon	-	...	...	...	...	-	-	-	-	-
Surinam	*	...	...	...	...	-	-	-	-	-
Virgin Islands (U. K.)	...	-	-	-	-	-	-	-	-	-
Virgin Islands (U. S. A.)	...	...	...	...	...	-	-	-	-	-
West Indies Federation	-	-	-	-	-	-	-	-	-	-
Antigua	*	-	-	-	-	-	-	-	-	-
Barbados	*	*	*	*	*	-	-	-	-	-
Dominica	*	...	...	...	...	-	-	-	-	-
Grenada	...	-	-	-	-	-	-	-	-	-
Jamaica	-	-	-	-	-	-	-	-	-	-
Montserrat	...	...	...	...	...	-	-	-	-	-
St. Kitts-Nevis-Anguilla	-	-	-	-	-	-	-	-	-	-
St. Lucia	-	-	-	-	-	-	-	-	-	-
St. Vincent	...	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	*	...	...	...	...	-	-	-	-	-

- (a) State of Guanabara and capitals of other states. Data for 1960 incomplete.
 (b) Reporting area.
 (c) Including murine and unspecified typhus (101, 107).
 (d) Including Alaska and Hawaii.

TABLE 1. NUMBER OF REPORTED CASES OF NOTIFIABLE DISEASES WITH RATES PER 100,000 POPULATION
IN THE AMERICAS, 1959 AND 1960

Area	Flea-borne typhus (murine) (101)					Malaria (110-117)				
	Number			Rate		Number			Rate	
	Median 1954-58	1959	1960	1959	1960	Median 1954-58	1959	1960	1959	1960
Argentina	2	-	-	-	-	707	5 351	1 975	26.0	9.4
Bolivia	-	-	-	-	-	1 584	943	614	27.8	17.7
Brazil	a 1	a	a	a	a	b 18 488	b 42 072	b 30 960	b 65.5	b 47.1
Canada	-	-	-	-	-	2	-	5	-	0.0
Chile	c 163	c 106	c 80	c 1.4	c 1.0	-	-	-	-	-
Colombia (d)	672	432	451	3.4	3.3	76 596	60 459	37 273	480.4	275.8
Costa Rica	8	7	c 4	0.6	c 0.3	1 379	b 1 900	b 1 995	b 168.7	b 170.4
Cuba	-	*	*	*	*	234	...	e 1 290	...	19.0
Dominican Republic	3	...	...	...	...	2 876	b 4 491	b 5 548	b 155.2	b 184.1
Ecuador	8	35	58	0.8	1.3	1 341	b 5 532	b 9 337	b 132.7	b 217.2
El Salvador (d)	8	23	16	1.7	1.1	4 737	b 17 521	b 10 068	b 1330.4	b 686.6
Guatemala	...	-	-	-	-	19 768	b 7 894	b 3 387	b 216.2	b 90.1
Haiti	...	...	...	...	...	19 614	31 184	38 586	900.2	1100.9
Honduras	...	...	...	...	...	...	14 650	6 303	776.4	323.2
Mexico	198	128	89	0.4	0.3	33 360	1 416	2 709	4.8	7.8
Nicaragua	...	...	...	...	...	746	b 1 875	b 7 528	b 131.7	b 510.4
Panama	-	f 15	f 1	f 1.5	f 0.1	3 393	b 5 017	b 4 463	b 489.9	b 423.8
Paraguay	-	-	-	-	-	461	448	388	25.9	21.9
Peru (d)	4	1	...	0.1	...	8 874	4 796	2 487	89.5	44.5
United States (g)	120	52	68	0.0	0.0	240	72	72	0.0	0.0
Uruguay	-	...	...	...	...	-	-	-	-	-
Venezuela	d 26	d 13	d 17	d 0.3	d 0.4	1 158	911	1 674	14.0	25.0
Bahama Islands	-	...	...	...	...	-	-	-	-	-
Bermuda	...	-	-	-	-	...	-	-	-	-
British Guiana	-	-	-	-	-	42	175	678	31.9	119.4
British Honduras	-	...	...	...	...	302	b 1 017	b 196	b 1130.0	b 217.8
Canal Zone	-	-	-	-	-	70	26	20	61.9	47.6
Falkland Islands	-	-	-	-	-	-	-	-	-	-
French Guiana	-	...	...	...	...	29	6	7	19.4	22.6
Guadeloupe	-	...	...	...	...	1	-	2	-	0.7
Martinique	-	-	-	-	-	-	-	-	-	-
Netherlands Antilles	-	...	...	...	...	*	-	-	-	-
Puerto Rico	1	-	-	-	-	1	-	-	-	-
St. Pierre and Miquelon	-	...	...	...	...	-	-	-	-	-
Surinam	-	...	...	...	...	447	b 2 703	b 997	b 1060.0	b 369.3
Virgin Islands (U. K.)	-	-	-	-	-	-	-	-	-	-
Virgin Islands (U. S. A.)	-	-	...	-	...	-	-	-	-	-
West Indies Federation	-	-	-	-	-	-	-	-	-	-
Antigua	-	-	-	-	-	-	-	-	-	-
Barbados	-	-	-	-	-	*	-	-	-	-
Dominica	*	...	...	...	...	71	b 46	b 7	b 78.0	b 11.7
Grenada	...	-	-	-	-	...	b 2	-	b 2.3	-
Jamaica	-	2	1	0.1	0.1	3 712	2 420	761	152.0	47.4
Montserrat	...	...	...	...	...	*	-	-	-	-
St. Kitts-Nevis-Anguilla	-	-	-	-	-	-	-	-	-	-
St. Lucia	-	-	-	-	-	2 279	b 3	-	b 3.5	-
St. Vincent	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	*	...	...	...	...	270	b 97	b 13	b 11.9	b 1.6

(a) State of Guanabara and capitals of other states. Data for 1960 incomplete.

(b) Confirmed cases.

(c) Including unspecified typhus (107).

(d) Reporting area.

(e) Reports of 1,625 positive slides were received from the National Malaria Eradication Service for 1960.

(f) Other and unspecified rickettsial diseases (101-108).

(g) Including Alaska and Hawaii.

TABLE 1. NUMBER OF REPORTED CASES OF NOTIFIABLE DISEASES WITH RATES PER 100,000 POPULATION
IN THE AMERICAS, 1959 AND 1960

Area	Ankylostomiasis (129)					Influenza (480-483)				
	Number			Rate		Number			Rate	
	Median 1954-58	1959	1960	1959	1960	Median 1954-58	1959	1960	1959	1960
Argentina	2 823	2 094	2 585	10.2	12.3	...	...	...	...	...
Bolivia	...	-	-	-	-	2 813	1 137	861	33.3	24.9
Brazil (a)	...	...	...	...	...	5 514	8 381	2 784	82.3	28.2
Canada	*	*	*	*	*	11 177	*	*	*	*
Chile	...	*	*	*	*	2 048	12 025	6 822	161.1	89.4
Colombia (b)	78 080	58 315	57 192	463.3	423.2	94 009	114 605	82 971	910.6	614.0
Costa Rica	*	...	...	...	...	1 950	13 004	6 238	1154.9	532.7
Cuba	3	209	927	3.1	13.6	1 344	358	244	5.4	3.6
Dominican Republic	10 882	38 777	45 367	1339.9	1505.2	61 355	34 973	14 881	1208.5	493.7
Ecuador	...	...	...	...	...	...	...	...	...	...
El Salvador (b)	...	...	...	...	...	7 227	12 237	18 253	929.2	1245.1
Guatemala	c 26 337	c 23 262	c 30 737	c 637.0	c 817.7	16 232	9 257	16 880	253.5	449.1
Haiti	...	42	353	1.2	10.1	24 437	31 394	33 553	906.3	957.3
Honduras	...	c 25 729	c 44 232	c 1363.5	c 2268.3	...	12 395	18 879	656.9	968.2
Mexico	22 551	24 239	23 505	72.8	87.9	17 408	41 968	78 631	126.0	230.0
Nicaragua	...	...	...	...	...	3 270	...	1 602	...	108.6
Panama	3 922	2 322	2 667	226.8	253.3	1 387	4 595	...	448.7	...
Paraguay	24 888	30 000	25 746	1736.1	1456.2	13 871	25 708	27 031	1487.7	1528.9
Peru (b)	3 511	3 450	...	64.4	...	45 286	55 510	35 203	1035.6	629.5
United States (d)	...	13 350	...	7.5	...	...	222 257	...	125.5	...
Uruguay	*	...	...	...	...	10 753	...	...	...	...
Venezuela (b)	25 252	26 984	22 237	699.1	555.1	51 627	176 036	193 965	4560.5	4841.9
Bahama Islands	...	...	...	...	...	157	...	...	...	...
Bermuda	...	...	...	...	...	...	...	43	...	95.6
British Guiana	315	...	...	...	...	1 294	...	...	...	...
British Honduras	-	-	2	-	2.2	366	1 119	1 195	1243.3	1327.8
Canal Zone	-	-	-	-	-	-	*	*	*	*
Falkland Islands	-	-	-	-	-	17	254	10	12700.0	500.0
French Guiana	...	...	...	...	...	...	...	...	...	...
Guadeloupe	...	...	...	...	...	...	...	...	...	...
Martinique	*	*	*	*	*	...	-	-	-	-
Netherlands Antilles	*	...	...	...	...	*	...	...	...	...
Puerto Rico	...	-	-	-	-	3 697	-	...	-	...
St. Pierre and Miquelon	-	...	...	...	...	1 041	...	...	...	...
Surinam	*	...	...	...	...	*	...	...	...	...
Virgin Islands (U. K.)	...	-	-	-	-	...	2	2	28.6	28.6
Virgin Islands (U. S. A.)	25	20	24	66.7	75.0	...	-	...	-	...
West Indies Federation										
Antigua	78	22	54	40.7	100.0	554	1 100	1 931	2037.0	3575.9
Barbados	*	*	*	*	*	...	-	-	-	-
Dominica	221	...	...	...	...	91	...	...	...	...
Grenada	...	*	*	*	*	...	4	...	4.5	...
Jamaica	277	432	126	27.1	7.8	2 386	7 149	2 981	449.1	185.5
Montserrat	*	...	...	...	...	131	...	...	...	...
St. Kitts-Nevis-Anguilla	14	-	-	-	-	1 645	350	350	625.0	614.0
St. Lucia	633	*	*	*	*	106	173	59	203.5	68.6
St. Vincent	*	254	175	321.5	218.7	422	124	95	157.0	118.7
Trinidad and Tobago	847	...	...	...	...	1 626	...	...	...	...

- (a) State of Guanabara and capitals of other states. Data for 1960 incomplete.
 (b) Reporting area.
 (c) Including infestation with worms of other, mixed, and unspecified type (130).
 (d) Including Alaska and Hawaii.

TABLE 2. NUMBER OF REPORTED CASES OF OTHER NOTIFIABLE DISEASES WITH RATES PER 100,000 POPULATION IN THE AMERICAS, 1959 AND 1960

Disease and area	Number			Rate		Disease and area	Number			Rate	
	Median 1954-58	1959	1960	1959	1960		Median 1954-58	1959	1960	1959	1960
LYMPHOGRANULOMA VENEREUM (037)						LEPTOSPIROSIS (072)(cont.)					
Argentina	15	18	59	0.1	0.3	Venezuela (b)	2	21	22	0.5	0.5
Bolivia	...	-	2	-	0.1	Puerto Rico	1	2	9	0.1	0.4
Brazil (a)	2 692	2 144	1 339	21.0	13.6	West Indies Federation:					
Canada	-	1	2	0.0	0.0	Jamaica	2	5	8	0.3	0.5
Colombia (b)	1 403	1 680	1 514	13.3	11.2	PINTA (074.1 pt.)					
Cuba	...	...	2	...	0.0	Colombia (b)	5 917	2 645	1 748	21.0	12.9
Dominican Republic	1 402	950	943	32.8	31.3	Mexico	...	814	526	2.4	1.5
El Salvador (b)	24	183	181	13.9	12.3	Peru (b)	289	302	...	5.6	...
Guatemala	...	73	102	2.0	2.7	Venezuela (b)	444	602	464	15.8	11.6
Honduras	...	23	60	1.2	3.1	DENGUE (090)					
Mexico	17	9	7	0.0	0.0	Dominican Republic	290	403	494	13.9	16.4
Peru (b)	86	136	...	2.5	...	Peru (b)	3	4	...	0.1	...
United States (c)	523	604	1 131	0.3	0.6	United States (c)	1	-	-	-	-
Venezuela (b)	620	849	586	22.0	14.6	Venezuela (b)	11	5	56	0.1	1.4
Canal Zone	1	-	2	-	4.8	PSITTACOSIS (096.2)					
French Guiana	...	-	2	-	6.5	Argentina	-	3	2	0.0	0.0
Martinique	...	1	-	0.4	-	Canada	2	6	1	0.0	0.0
West Indies Federation:						United States (c)	334	147	113	0.1	0.1
Antigua	...	5	6	9.3	11.1	TICK-BORNE TYPHUS (104)					
Grenada	...	2	1	2.3	1.1	Bolivia	...	7	1	0.2	0.0
Jamaica	*	68	90	4.3	5.6	Colombia (b)	973	1 115	960	8.9	7.1
St. Kitts-Nevis-Anguilla	11	11	15	19.6	26.3	Guatemala	...	-	2	-	0.1
St. Vincent	...	6	-	7.6	-	Honduras	...	1	3	0.1	0.2
GRANULOMA INGUINALE, VENEREAL (038)						United States (c)	361	265	...	0.1	...
Bolivia	...	7	1	0.2	0.0	Venezuela (b)	160	98	131	2.5	3.3
Colombia (b)	973	1 115	960	8.9	7.1	Puerto Rico	3	-	2	-	0.1
Guatemala	...	-	2	-	0.1	West Indies Federation:					
Honduras	...	1	3	0.1	0.2	Antigua	...	3	1	5.6	1.9
United States (c)	361	265	...	0.1	...	Jamaica	*	-	25	-	1.6
Venezuela (b)	160	98	131	2.5	3.3	St. Kitts-Nevis-Anguilla	28	2	10	3.6	17.5
Puerto Rico	3	-	2	-	0.1	St. Vincent	...	2	-	2.5	-
West Indies Federation:						TULARAEMIA (059)					
Antigua	...	3	1	5.6	1.9	Canada	4	7	8	0.0	0.0
Jamaica	*	-	25	-	1.6	United States (c)	587	459	390	0.3	0.2
St. Kitts-Nevis-Anguilla	28	2	10	3.6	17.5	LEPTOSPIROSIS (072)					
St. Vincent	...	2	-	2.5	-	Argentina	2	8	-	0.0	-
TULARAEMIA (059)						United States (c)	48	89	53	0.1	0.0
Canada	4	7	8	0.0	0.0	TRYPANOSOMIASIS (121)					
United States (c)	587	459	390	0.3	0.2	Argentina	980	961	1 209	4.7	5.8
LEPTOSPIROSIS (072)						Bolivia	...	1	1	0.0	0.0
Argentina	2	8	-	0.0	-						
United States (c)	48	89	53	0.1	0.0						

- (a) State of Guanabara and capitals of other states. Data for 1960 incomplete.
 (b) Reporting area.
 (c) Including Alaska and Hawaii.
 (d) Including granuloma inguinale, venereal (038).
 (e) Rocky Mountain spotted fever.

TABLE 2. NUMBER OF REPORTED CASES OF OTHER NOTIFIABLE DISEASES WITH RATES PER 100,000 POPULATION IN THE AMERICAS, 1959 AND 1960 (continued)

Disease and area	Number			Rate		Disease and area	Number			Rate	
	Median 1954-58	1959	1960	1959	1960		Median 1954-58	1959	1960	1959	1960
TRYPANOSOMIASIS (121) (cont.)						FILARIASIS (127)					
Brazil (a)	...	16	-	0.2	-	Dominican Republic	122	209	118	7.2	3.9
El Salvador (b)	18	18	9	1.2	0.6	Guatemala	...	3 233	2 000	88.5	53.2
Guatemala	...	57	27	1.6	0.7	Haiti	...	70	24	2.0	0.7
Honduras	...	-	2	-	0.1	Venezuela (b)	17	31	17	0.8	0.4
Panama	2	-	1	-	0.1	Virgin Islands (U. S. A.)	...	-	35	-	109.4
Uruguay	...	-	5	-	0.2	West Indies Federation:					
Venezuela (b)	60	125	121	3.2	3.0	Antigua	89	13	23	24.0	42.6
SCHISTOSOMIASIS (123)						TRICHINIASIS (128)					
Dominican Republic	16	34	41	1.2	1.4	Argentina	17	12	33	0.1	0.2
Venezuela (b)	759	419	991	10.9	24.7	Canada	6	11	105	0.1	0.6
Virgin Islands (U. S. A.)	...	2	5	6.7	15.6	Chile	38	46	33	0.6	0.4
HYDATID DISEASE (125)						United States (c)	262	236	160	0.1	0.1
Argentina	149	159	157	0.8	0.7	BARTONELLOSIS (VERRUGA PERUANA) (138.1 pt.)					
Chile	119	98	102	1.3	1.3	Peru (b)	269	196	237	3.7	4.2
Peru (b)	40	110	196	2.1	3.5						
Uruguay	61	355	489	12.7	16.9						

(a) State of Guanabara and capitals of other states. Data for 1960 incomplete.

(b) Reporting area.

(c) Including Alaska and Hawaii.

TABLE 3. REPORTED CASES OF SELECTED DISEASES BY AGE IN THE AMERICAS, 1959

Disease and area	Total	Age group in years														65 and over	Not stated
		Under 1	1	2	3	4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64			
TUBERCULOSIS (001-019)																	
Canada (a)	2 917	34	232				225	143	244 ^b	943		c—576—		d 461	59		
Colombia (e)	13 858	1 455					1 887		2 979		4 762		1 799		393	583	
Costa Rica	649	2	19				22		138		289		147		30	2	
Paraguay	1 126	-	13				3	7	56	83	222	169	127	90	44	312	
Peru (e)	22 796	238	358	351	362	381	1 574	1 365	2 306	3 138 ^f	2 460 ^g	2 951 ^h	1 879 ⁱ	1 196 ^d	1 220	3 017	
British Guiana	172	2	-	1	-	1	3	6	18	15	39	21	31	25	10	-	
British Honduras	38	-	-	-	-	-	1	1	-	4	8	6	6	3	8	1	
Canal Zone	16	-	-	-	-	-	-	-	1	5	-	5	-	5	-	-	
Falkland Islands	3	-	-	-	-	-	-	-	1	1	-	1	-	-	-	-	
Virgin Islands (U. K.)	2	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	
West Indies Fed.											1	-	1	-	-	-	
Barbados	68	1	4	1	1	-	-	1	4	10	10	12	11	10	2	1	
Grenada	34	-	-	-	-	-	1	2	2	6	14	3	3	2	1	-	
SYPHILIS (020-029)																	
Canada (a)	2 040	5	1				1	13	77 ^b	715		c—604—		d 443	181		
Colombia (e)	11 504	387					407		4 390		4 478		958		106	778	
Costa Rica	287	1	4				9		65		149		41		14	4	
Peru (e)	3 865	54	11	16	12	24	53	48	418	701 ^f	572 ^g	546 ^h	309 ⁱ	151 ^d	91	859	
Canal Zone	6	-	-	-	-	-	-	-	-	2	-	-	4	-	-	-	
French Guiana	83	1	-	-	-	-	1	-	7	13	16	6	4	1	1	33	
Martinique	10	-	-	-	-	-	-	-	3	7	-	-	-	-	-	-	
Virgin Islands (U. K.)	5	-	-	-	-	-	-	-	-	-	-	2	1	1	1	-	
GONOCOCCAL INFECTION (030-035)																	
Canada (a)	14 341	8	14				17	43	1 917 ^b	9 549		c—1 209—		d 92	1 492		
Colombia (e)	43 443	138					528		22 395		16 839		1 527		54	1 912	
Peru (e)	6 127	29	2	8	15	10	42	58	630	1 136 ^f	877 ^g	642 ^h	207 ⁱ	50 ^d	21	2 400	
Canal Zone	67	-	-	-	-	1	-	2	5	18	18	12	8	2	1	-	
French Guiana	138	-	-	-	-	-	3	-	20	22	40	7	2	-	-	44	
Martinique	28	-	-	-	-	-	-	-	4	23	-	-	-	-	-	1	
CHANCROID (036)																	
Colombia (e)	8 524	19					85		4 019		3 670		345		8	378	
Peru (e)	856	2	-	-	-	-	1	1	49	158 ^f	68 ^g	36 ^h	8 ⁱ	6 ^d	1	526	
Canal Zone	4	-	-	-	-	-	-	-	1	-	1	2	-	-	-	-	
French Guiana	28	-	-	-	-	-	-	-	6	10	10	-	1	-	-	1	
Martinique	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	
TYPHOID FEVER (040)																	
Canada (a, j)	63	2	12				5	11	6 ^b	14		c—4—		d 7	2		
Chile (j)	3 334	28	154				553	740	613	436	488	170	58	20	12	62	
Colombia (e, j)	12 382	631					2 809		3 873		3 684		738		81	566	
Costa Rica	192	8	22				51		42		47		16		4	2	
Paraguay (j)	77	3	10				11		53		53		53		-	-	
Peru (e, j)	6 690	105	123	168	245	268	1 390	1 114	922	784 ^f	529 ^g	525 ^h	234 ⁱ	97 ^d	66	120	

(a) Age-group data not available for some provinces. (b) Age group 20-39 years. (c) Age group 40-59 years. (d) Age group 60 years and over. (e) Reporting area. (f) Age group 25-29 years. (g) Age group 30-39 years. (h) Age group 40-49 years. (i) Age group 50-59 years. (j) Including paratyphoid fever (041).

TABLE 3. REPORTED CASES OF SELECTED DISEASES BY AGE IN THE AMERICAS, 1959 (continued)

Disease and area	Total	Age group in years														Not stated					
		Under 1	1	2	3	4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65 and over						
TYPHOID FEVER (040) (cont.)																					
United States (k)	841	13	100				147	125	65	49	84	103	112				43				
Venezuela (j, l)	466	16				153	72	45	m-83	g	52	h	21	i	13	d	8	3			
British Guiana	419	2	2	12	17	23	150	94	36	29	26	8	11	5	3	1	2				
British Honduras	49	1	-	1	-	2	7	6	3	6	7	6	4	3	1	-	-				
Canal Zone	4	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-				
French Guiana	3	-	-	-	-	-	-	1	-	-	-	-	1	-	-	-	1				
Guadeloupe	20	-	-	-	-	-	2	3	2	4	6	1	1	1	-	-	-				
Martinique (j)	211	-	-	1	-	1	3	-	5	1	9	8	7	1	1	-	174				
Virgin Islands (U. K.)	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-				
West Indies Fed.																					
Barbados	4	-	-	1	-	1	-	-	-	1	-	1	-	-	-	-	-				
Grenada	5	-	-	-	-	1	2	-	-	-	-	1	1	-	-	-	-				
BRUCELLOSIS (044)																					
Canada (a)	29	-	-	-	-	-	-	1	2	b	8	c	16	d	2	-	-				
Colombia (e)	12	-	-	-	-	-	2	-	1	-	5	-	3	-	-	-	1				
Costa Rica	2	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-				
Peru (e)	696	5	3	5	7	7	50	62	99	98	f	85	g	113	h	54	i	53	d	20	35
AMOEBIASIS (046)																					
Colombia (e)	77 721	18 231				20 529		16 252		16 583		5 118				982	26				
Costa Rica	966	12	221				287		104		229		80				23	10			
British Honduras	100	1	8	9	5	6	16	5	6	5	10	10	10	5	2	2	2				
French Guiana	49	4	5	1	1	-	-	-	-	-	1	-	3	8	23	3	-				
Guadeloupe	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-				
West Indies Fed.																					
Barbados	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-				
DYSENTERY, BACILLARY AND OTHER (045, 047, 048)																					
Colombia (e, n)	13 820	2 925				3 375		2 895		2 768		908				187	762				
Costa Rica	491	128	201				80		17		31		13				9	12			
Paraguay (p)	3 053	453	676				447		1 477		1 477		1 477				-	-			
Peru (e, p)	16 221	1 640	1 558	1 618	1 156	1 005	2 034	927	937	1 031	f	1 174	g	1 246	h	788	i	496	d	410	201
British Honduras	34	3	6	3	3	3	5	1	2	3	1	1	-	-	-	-	2	1			
Canal Zone	21	-	3	1	1	1	5	2	2	1	3	-	2	-	-	-	-				
French Guiana	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-				
SCARLET FEVER (050)																					
Canada (a, q)	12 585	124	1 608				6 035	2 719	400	b	464	c	125	d	25	1 085	-				
Chile	1 308	40	371				505	221	60	36	21	6	2	1	10	35	-				
Colombia (e)	160	53				54		23		16		1				1	12				
Costa Rica	35	1	9				16		6		2		1				-				
Peru (e)	253	20	36	37	30	29	58	23	5	10	f	2	g	2	h	-	-				
Canal Zone (q)	6	-	-	-	-	2	3	1	-	-	-	-	-	-	-	-	-				

(a) Age-group data not available for some provinces. (b) Age group 20-39 years. (c) Age group 40-59 years. (d) Age group 60 years and over. (e) Reporting area. (f) Age group 25-29 years. (g) Age group 30-39 years. (h) Age group 40-49 years. (i) Age group 50-59 years. (j) Including paratyphoid fever (041). (k) Age-group data not available for some states. (l) Organized Reporting Area. (m) Age group 20-29 years. (n) Bacillary dysentery (045). (p) Dysentery, all forms (045-048). (q) Including streptococcal sore throat (051).

TABLE 3. REPORTED CASES OF SELECTED DISEASES BY AGE IN THE AMERICAS, 1959 (continued)

Disease and area	Total	Age group in years														Not stat- ed					
		Under 1	1	2	3	4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65 and over						
DIPHTHERIA (055)																					
Canada (a)	28	1	8			7	3	3	b	4		c	1	d	-	1					
Chile	2 009	62	494			764	378	102	41	77	40	6	6	3	36						
Colombia (e)	1 536	783					458	121		112		10		3	49						
Costa Rica	124	12	73			29		1		6		-	-	-	3						
Peru (e)	181	20	13	14	16	14	45	18	8	4	2	1	5	1	1						
United States (k)	920	15	247			310	148	59	24	30	28	31		28							
Venezuela (l)	391	21	52	38	30	36	125	40	10	m	19	g	12	h	6	1	d	-			
British Guiana	23	2	1	1	1	7	10	-	-	-	-	1	-	-	-	-	-	-			
British Honduras	12	2	4	2	1	-	2	-	-	-	1	-	-	-	-	-	-	-			
Guadeloupe	2	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-			
Martinique	12	1	1	-	-	1	3	-	-	-	-	-	-	-	-	-	-	6			
WHOOPING COUGH (056)																					
Canada (a)	1 540	180	420			675	144	15	b	15		c	2	d	1	88					
Chile	6 348	1 620	2 963			1 023	188	29	15	8	6	4	1	23	468						
Colombia (e)	34 546	21 894					9 444	542		120		49		46	2 451						
Costa Rica	1 339	365	618			333		7		-		1		-	15						
Paraguay	4 975	1 224	2 326			1 060		-		365		-		-	-						
Peru (e)	20 631	3 512	2 957	3 174	2 743	2 269	4 860	611	106	26	f	14	g	13	h	7	i	1	d	4	335
Venezuela (l)	4 476	1 063	661	594	548	423	1 012	111	27	-		23		-	-	-	-	-	1	14	
British Honduras	7	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	
Falkland Islands	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
French Guiana	20	-	-	-	-	3	1	-	-	-	-	-	-	-	-	-	-	-	-	16	
Guadeloupe	16	3	1	-	6	1	5	-	-	-	-	-	-	-	-	-	-	-	-	-	
Virgin Islands (U. K.)	4	1	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
MENINGOCOCCAL INFECTIONS (057)																					
Canada (a)	108	27	36			14	7	3	b	11		c	4	d	2	4					
Colombia (e)	413	213					79	38		46		11		2	24						
Costa Rica	15	6	4			3		2		-		-		-	-						
Peru (e)	118	23	16	10	9	6	23	14	2	3	f	3	g	4	h	1	i	2	d	-	2
United States (k)	1 806	353	618			244	153	106	40	57	57	130		48							
French Guiana	2	-	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
LEPROSY (060)																					
Colombia (e)	594	6					27	77		345		119		20	-						
Costa Rica	35	-	-	-	-	-	-	5	13		8		8	1							
Peru (e)	63	-	-	-	-	2	3	7	8	7	f	7	g	10	h	8	i	7	d	4	1
French Guiana	38	-	-	-	2	2	13	4	1	1	3	3	3	4	1	1	1	1	1	3	
Guadeloupe	60	-	-	-	-	-	6	9	10	6	11	7	7	4	-	-	-	-	-	-	
Martinique	75	-	-	-	3	7	5	16	5	16	7	8	7	-	-	-	-	-	1	-	
West Indies Fed. Barbados	2	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	
TETANUS (061)																					
Colombia (e)	738	359					90	70		87		40		2	90						
Costa Rica	289	151	50			38	12		20		12		6	-							

(a) Age-group data not available for some provinces. (b) Age group 20-39 years. (c) Age group 40-59 years.
 (d) Age group 60 years and over. (e) Reporting area. (f) Age group 25-29 years. (g) Age group 30-39 years.
 (h) Age group 40-49 years. (i) Age group 50-59 years. (k) Age-group data not available for some states.
 (l) Organized Reporting Area. (m) Age group 20-29 years.

TABLE 3. REPORTED CASES OF SELECTED DISEASES BY AGE IN THE AMERICAS, 1959 (continued)

Disease and area	Total	Age group in years.														Not stated		
		Under 1	1	2	3	4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65 and over			
TETANUS (061)(cont.)																		
Paraguay	137	66	11			13			47							-		
Peru (e)	270	178	4	4	6	8	15	4	8	8	f 3	g 15	h 8	i 5	d 2	2		
British Honduras	9	1	-	-	-	-	1	1	1	-	2	2	-	-	1	-		
French Guiana	4	-	-	-	1	-	-	-	-	1	1	1	-	-	-	-		
Guadeloupe	17	2	-	-	-	-	2	4	1	3	1	-	-	-	2	2		
Martinique	6	1	-	-	1	-	-	1	-	-	1	1	1	-	-	-		
Virgin Islands (U. K.)	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-		
West Indies Fed.																		
Grenada	2	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-		
ANTHRAX (062)																		
Colombia (e)	7	-	-	-	-	-	-	1	-	1	-	4	-	-	1	-		
Costa Rica	6	-	-	-	1	-	-	-	-	1	-	3	-	-	-	-		
Peru (e)	85	3	2	2	-	5	5	5	4	12	f 16	g 15	h 6	i 8	d 2	-		
YAWS (073)																		
Colombia (e)	810	104			270			177			164			64			31	
Peru (e)	102	1	-	1	1	2	10	12	21	20	f 15	g 10	h 1	i 1	d 1	-	7	
ACUTE POLIOMYELITIS (080)																		
Argentina (r)	1030	220	347	163	102	40	88	23	20	8	12	7			-	-		
Canada (a, r)	1643	54	329			278			80	58	b	196			c	28	d 2	618
Chile	456	116	263			45			18	3	1	1	3	-	-	1	5	
Colombia (e)	234	180			39			6			5			-	-	-	4	
Costa Rica	41	7	29			3			2			-	-	-	-	-	-	
Cuba	288	17	46	54	49	35	49	18	8	5	4	3	-	-	-	-	-	
Paraguay	27	9	15			2			1	-	-	-	-	-	-	-	-	
Peru (e)	435	149	175	55	22	7	16	6	2	1	f	g 2	h	-	-	-	-	
United States (k)	8229	362	2768			1892			803	612	534	857	282	101			18	
Venezuela (l)	245	73	75	27	13	5	22	14	5	9			-			2		
British Honduras	9	1	1	4	1	-	1	-	-	-	1	-	-	-	-	-	-	
Canal Zone	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	
Guadeloupe	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	
West Indies Fed.																		
Barbados	6	-	1	-	-	2	3	-	-	-	-	-	-	-	-	-	-	
Grenada	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	
ACUTE INFECTIOUS ENCEPHALITIS (082)																		
Canada (a, s)	20	1	6			4			2	-	b	4			c	2	d 1	-
Colombia (e)	92	34			27			13			10			2			3	
Costa Rica	10	1	5			1			1			2			-	-	-	
Peru (e)	30	4	3	6	1	1	3	1	4	1	f 1	g	h 2	i 2	d 1	-		
United States (k)	2119	122	372			575			278	134	102	169	117	190			62	
Canal Zone	2	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-		

(a) Age-group data not available for some provinces. (b) Age group 20-39 years. (c) Age group 40-59 years. (d) Age group 60 years and over. (e) Reporting area. (f) Age group 25-29 years. (g) Age group 30-39 years. (h) Age group 40-49 years. (i) Age group 50-59 years. (k) Age-group data not available for some states. (l) Organized Reporting Area. (r) Paralytic poliomyelitis (080.0, 080.1). (s) Arthropod-borne encephalitis (082.0).

TABLE 3. REPORTED CASES OF SELECTED DISEASES BY AGE IN THE AMERICAS, 1959 (continued)

Disease and area	Total	Age group in years														Not stat- ed	
		Under 1	1	2	3	4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65 and over		
SMALLPOX (084)																	
Argentina	36	-	1	1	-	1	2	2	7	1	1	1	1	-	-	18	
Chile	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-		
Colombia	950			234			387		168		118		28		1	14	
MEASLES (085)																	
Chile	14 596	3 074		8 519			1 714	399	149	96	69	15	12	2	35	512	
Colombia (e)	39 393			23 041			12 212		1 342		345		56		43	2 354	
Costa Rica	1 600	210		873			409		67		27		3		2	9	
Paraguay	977	219		426			160				172					-	
Peru (e)	13 126	1 729	2 499	2 281	1 722	1 324	2 249	464	178	80 ^f	28 ^g	24 ^h	4 ⁱ	1 ^d	1	542	
Venezuela (l)	3 433	581	677	500	438	305	671	120	64			65				12	
British Honduras	57	2	9	11	4	9	16	5	-	-	1	-	-	-	-	-	
Canal Zone	166	10	7	16	15	12	49	22	10	10	9	3	1	-	-	2	
Guadeloupe	9	-	2	-	-	-	7	-	-	-	-	-	-	-	-	-	
INFECTIOUS HEPATITIS (092)																	
Canada (a)	3 130	10		119			517	493	293 ^b		821		c	192	d	62	623
Costa Rica	274	6		53			63		37		69		36		7	3	
Peru (e)	2 415	49	56	115	91	67	232	106	191	364 ^f	363 ^g	368 ^h	213 ⁱ	106 ^d	63	31	
United States (k, t)	18 789	57		871			3 866	3 093	1 700	1 479	2 658	1 614		1 792		1 659	
Canal Zone (t)	18	-	-	-	-	-	4	3	2	2	2	3	1	-	-	1	
RABIES (094)																	
Argentina	20	-	-	-	1	-	3	1	1	1	4	4	2	-	-	3	
Colombia (e)	20			4			6		4		2		2		2	-	
Peru (e)	8	-	-	-	-	-	4	-	-	f	g	3 ^h	1 ⁱ	-	-	-	
MALARIA (110-117)																	
Colombia (e, u)	60 459			7 521			16 632		15 335		15 872		4 596		806	4 057	
Costa Rica	1 900	38		320			707		372		319		97		11	36	
Peru (e)	4 798	71	120	127	135	142	402	476	596	709 ^f	749 ^g	550 ^h	343 ⁱ	181 ^d	105	90	
British Guiana	175	1	-	1	4	-	17	16	16	8	20	4	1	-	1	86	
British Honduras	1 017	8	25	33	43	45	249	211	121	68	82	58	36	8	17	13	
French Guiana	6	1	-	1	1	-	1	1	-	-	-	-	-	1	-	-	
West Indies Fed. St. Lucia	3	1	-	-	-	-	-	1	-	1	-	-	-	-	-	-	
INFLUENZA (480-483)																	
Colombia (e)	114 605			32 135			23 055		21 720		20 961		7 666		2 208	6 860	
Costa Rica	13 004	1 139		2 358			1 928		1 763		3 566		1 387		451	412	
Peru (e)	55 510	6 958	3 654	3 087	2 369	2 240	6 129	3 763	4 441	4 000 ^f	4 627 ^g	9 418 ^h	2 894 ⁱ	1 781 ^d	1 648	3 738	
Virgin Islands (U. K.)	2	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	

- (a) Age-group data not available for some provinces. (b) Age group 20-39 years. (c) Age group 40-59 years.
 (d) Age group 60 years and over. (e) Reporting area. (f) Age group 25-29 years. (g) Age group 30-39 years.
 (h) Age group 40-49 years. (i) Age group 50-59 years. (k) Age-group data not available for some states.
 (l) Organized Reporting Area. (t) Including serum jaundice (N 998.5 pt.).
 (u) Discrepancy between total cases and age-group data.

TABLE 4. REPORTED CASES OF SELECTED DISEASES BY AGE IN THE AMERICAS, 1960

Disease and area	Total	Age group in years															Not stated
		Under 1	1	2	3	4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65 and over		
TUBERCULOSIS (001-019)																	
Argentina	18 865	77	479			413	352	640	912	1 398	948	1 414				12 232	
Bolivia	1 136	10	15	15	14	17	112	102	99	95	242	170	101	90	42	12	
Canada (a)	2 845	37	232			238	187	187	^b	843	^c	611		^d	465	45	
Colombia (e)	14 392	1 882					2 205		3 166		4 734		1 806		365	234	
Panama	1 487	24	31	44	28	21	141	89	82	148	289	210	135	97	111	37	
British Guiana	186	1	1	4	2	2	4	4	16	18	52	24	28	19	7	4	
British Honduras	72	2	1	2	-	4	9	1	3	5	14	9	13	5	4	-	
Canal Zone	8	-	-	-	1	-	-	-	-	-	1	2	3	1	-	-	
Falkland Islands	3	-	-	-	-	-	-	-	-	1	1	1	-	-	-	-	
Virgin Islands (U. K.)	2	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	
West Indies Fed.																	
Barbados	43	1	-	2	-	1	2	-	2	2	10	6	10	1	6	-	
Grenada	45	-	2	3	2	-	3	5	3	2	8	2	6	9	-	-	
SYPHILIS (020-029)																	
Argentina	7 310	31	37			14	26	271	446	353	201	241				5 690	
Bolivia	215	1	-	2	-	-	-	4	41	56	59	31	17	2	-	2	
Canada (a)	1 987	2	-	-	-	-	3	15	91	^b	783	^c	581		^d	367	
Colombia (e)	9 986	301					495		4 209		3 937		807		91	146	
Costa Rica	475	6					29		119		257		49		10	5	
Panama	168	-	1	1	-	-	-	3	21	27	42	26	22	12	12	1	
Canal Zone	10	-	-	-	-	-	-	-	-	3	3	2	1	-	1	-	
French Guiana	80	-	-	-	-	1	1	-	11	18	29	8	5	3	-	4	
Martinique	8	-	-	-	-	-	-	-	-	5	-	-	2	-	-	1	
GONOCOCCAL INFECTION (030-035)																	
Argentina	15 099	3	5			30	49	712	1 054	716	239	133				12 158	
Bolivia	112	-	-	-	-	-	3	18	36	38	8	6	1	-	-	2	
Canada (a)	15 138	4	10			17	50	2 127	^b	10 354	^c	1 160		^d	81	1 335	
Colombia (e)	47 331	120					678		24 161		19 643		1 644		90	995	
Panama	603	1	-	-	1	1	1	14	103	185	176	81	27	9	2	2	
Canal Zone	66	-	-	-	-	-	-	3	15	15	9	13	4	1	1	-	
French Guiana	183	2	-	1	1	-	1	1	30	61	52	21	5	1	-	7	
Martinique	9	-	-	-	-	-	-	-	1	6	-	-	-	-	-	2	
CHANCROID (036)																	
Argentina	172	-	-	-	-	-	-	7	14	7	5	7				132	
Bolivia	5	-	-	-	-	-	-	1	1	3	-	-	-	-	-	-	
Colombia (e)	7 185	21					126		3 562		3 107		253		10	106	
Canal Zone	2	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	
French Guiana	8	-	-	-	-	-	-	-	-	3	4	1	-	-	-	-	
TYPHOID FEVER (040)																	
Argentina	1 924	4	46			65	64	50	40	45	22	26				1 562	
Bolivia	64	-	-	-	-	8	10	16	6	10	3	2	2	-	7		
Canada (a, f)	64	6	16			6	2	-	^b	13	^c	4		^d	4	13	

(a) Age-group data not available for some provinces. (b) Age group 20-39 years. (c) Age group 40-59 years. (d) Age group 60 years and over. (e) Reporting area. (f) Including paratyphoid fever (041).

TABLE 4. REPORTED CASES OF SELECTED DISEASES BY AGE IN THE AMERICAS, 1960 (continued)

Disease and area	Total	Age group in years														Not stated		
		Under 1	1	2	3	4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65 and over			
TYPHOID FEVER (040) (cont.)																		
Chile (f)	4 548	31	234				754	929	883	610	627	252	116	26	17	69		
Colombia (e, f)	13 274	809				3 238		3 915		4 112		850		103	249			
Costa Rica	128	2	9				34		32		33		11		2			
Panama	41	-	1	1	-	-	7	3	8	3	7	5	3	2	-			
Paraguay (f)	150	16	19				24		91		118		11		-			
United States (g)	806	99				145	110	131		164		118		39				
Venezuela (f, h)	425	52				108	70	33	i	70	j	42	k	20	l	21	d	11
British Guiana	574	2	9	7	28	26	147	116	71	56	70	19	12	3	1	7		
British Honduras	38	-	-	-	-	1	6	5	6	2	5	9	2	1	1	-		
Canal Zone	2	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-		
French Guiana	9	-	-	-	-	-	2	3	-	1	1	1	-	-	-	1		
Guadeloupe	29	-	-	-	-	-	2	5	1	6	7	5	1	1	1	-		
Martinique (f)	354	-	1	1	3	4	22	14	14	11	20	11	12	3	4	234		
Puerto Rico	28	-	1	1	1	-	5	5	6	2	3	-	-	1	-	3		
Virgin Islands (U. K.)	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-		
West Indies Fed.																		
Barbados	10	-	-	-	-	-	4	3	-	-	3	-	-	-	-	-		
Grenada	17	-	-	1	1	1	4	1	1	1	6	1	-	-	-	-		
BRUCELLOSIS (044)																		
Argentina	1 362	-	8				12	24	20	13	49	59	65		1 112			
Canada (a)	36	-	2				5	2	-	b	15	c		11	d	1		
Colombia (e)	11	-	-	-	-	-	1	-	3	-	6	-	1	-	-			
Costa Rica	16	-	-	-	-	-	-	-	6	-	8	-	1	1	-			
AMOEBIASIS (046)																		
Argentina	2 504	7	81				161	147	114	98	132	94	87		1 583			
Colombia (e)	71 026	18 027				19 700		14 084		14 453		4 047		715	-			
Costa Rica	1 211	24	317				302		119		305		111		11	22		
Panama	214	2	-	-	2	3	10	14	22	11	50	29	25	20	14	12		
British Honduras	41	1	4	4	7	2	12	3	-	1	2	3	1	1	-	-		
Canal Zone	3	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-		
French Guiana	24	3	2	-	-	-	-	-	-	-	1	1	6	9	2			
Guadeloupe	3	-	-	-	-	-	1	-	-	-	1	-	1	-	-			
DYSENTERY, BACILLARY AND OTHER (045, 047, 048)																		
Argentina	1 933	116	229				51	48	43	57	75	51	69		1 194			
Colombia (e, m)	11 979	3 394				3 071		2 272		2 358		686		124	74			
Costa Rica	1 185	309	550				164		35		86		22		5	14		
Panama	570	72	94	81	45	31	121	31	14	21	22	20	6	2	5	5		
Paraguay (n)	2 631	315	437				243		1 636		1 636		1 636		-			
British Honduras	236	57	73	18	8	6	26	4	2	2	6	8	3	1	2	20		
Canal Zone	18	2	2	2	1	1	5	1	-	1	1	-	1	1	-	-		
Virgin Islands (U. K.) (p)	37	3	6	5	2	5	2	3	3	2	-	2	2	-	2	-		

(a) Age-group data not available for some provinces. (b) Age group 20-39 years. (c) Age group 40-59 years. (d) Age group 60 years and over. (e) Reporting area. (f) Including paratyphoid fever (041). (g) Age-group data not available for some states. (h) Organized Reporting Area. (i) Age group 20-29 years. (j) Age group 30-39 years. (k) Age group 40-49 years. (l) Age group 50-59 years. (m) Bacillary dysentery (045). (n) Dysentery, all forms (045-048).

TABLE 4. REPORTED CASES OF SELECTED DISEASES BY AGE IN THE AMERICAS, 1960 (continued)

Disease and area	Total	Age group in years														Not stated				
		Under 1	1	2	3	4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65 and over					
SCARLET FEVER (050)																				
Argentina	613	2	30			35	16	8	4	1	1	-	-	-	516					
Bolivia	14	1	6	2	1	2	1	1	-	-	-	-	-	-	-					
Canada (a, p)	9 758	88	1 587			3 980	1 962	496	b	518		c	159	d	23	945				
Chile	1 475	46	485			527	250	36	34	30	10	9	2	3	43					
Colombia (e)	96	-	37			33	-	14	-	10		-	1	1	-					
Costa Rica	21	4	8			6	-	3	-	-	-	-	-	-	-					
Martinique	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-					
DIPHTHERIA (055)																				
Argentina	2 852	18	142			222	120	67	21	50	29	-	25	-	2 158					
Bolivia	5	-	2	-	-	1	1	1	-	-	-	-	-	-	-					
Canada (a)	34	3	4			9	4	2	b	2		c	1	d	2	7				
Chile	2 966	58	732			1 128	568	137	73	116	47	18	10	2	77					
Colombia (e)	1 321	-	695			366	-	110	-	116		-	22	6	6					
Costa Rica	136	10	74			35	-	9	-	5		-	3	-	-					
Panama	33	3	3	10	4	5	2	-	2	-	1	1	1	-	1					
Paraguay	66	8	34			17	-	-	-	7		-	-	-	-					
United States	918	20	215			293	160	98	-	75		-	33	-	24					
Venezuela (h)	419	18	49	33	41	43	131	55	7	i	17	j	14	k	4	l	1	d	5	1
British Guiana	11	2	2	-	-	2	3	1	-	-	1	-	-	-	-	-	-	-	-	-
British Honduras	15	-	3	2	2	1	4	2	-	1	-	-	-	-	-	-	-	-	-	-
Canal Zone	4	-	-	-	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-
Guadeloupe	2	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico	142	4	14	18	24	22	27	11	6	3	4	4	-	2	-	-	-	-	-	3
West Indies Fed. Grenada	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WHOOPING COUGH (056)																				
Argentina	38 146	1 701	4 730			2 410	430	67	28	27	13	-	25	-	28 715					
Bolivia	566	102	68	51	70	60	184	23	-	2	-	-	1	1	4					
Canada (a)	2 178	230	517			753	189	19	b	12		c	2	d	1	455				
Chile	5 030	1 315	2 569			858	121	20	10	9	5	3	-	1	119					
Colombia (e)	42 472	-	29 230			11 733	-	621	-	114		-	29	12	733					
Costa Rica	1 735	369	892			430	-	6	-	9		-	2	1	26					
Panama	301	39	54	38	37	32	65	14	2	2	2	3	-	-	13					
Paraguay	1 571	420	723			286	-	-	-	142		-	-	-	-					
Venezuela (h)	6 764	1 389	1 416	959	791	548	1 299	198	32	-	33		-	-	99					
Canal Zone	2	-	1	1	-	-	-	-	-	-	-	-	-	-	-					
French Guiana	6	-	2	3	-	1	-	-	-	-	-	-	-	-	-					
Martinique	5	-	2	3	-	-	-	-	-	-	-	-	-	-	-					
MENINGOCOCCAL INFECTIONS (057)																				
Argentina	175	7	2			2	1	13	1	2	1	-	2	-	144					
Bolivia	9	-	-	-	-	1	-	1	2	3	-	1	-	-						
Canada (a)	54	14	18			5	6	2	b	1		c	2	d	2	4				
Colombia (e)	361	-	215			67	-	29	-	40		-	5	2	3					
Costa Rica	21	8	8			-	-	1	-	2		-	2	-	-					
United States (g)	2 010	-	1 117			249	119	182	-	113		-	143	-	87					
Martinique	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-					
Puerto Rico	11	3	-	2	-	-	1	1	-	1	-	-	3	-						

(a) Age-group data not available for some provinces. (b) Age group 20-39 years. (c) Age group 40-59 years.

(d) Age group 60 years and over. (e) Reporting area. (g) Age-group data not available for some states.

(h) Organized Reporting Area. (i) Age group 20-29 years. (j) Age group 30-39 years. (k) Age group 40-49 years.

(l) Age group 50-59 years. (p) Including streptococcal sore throat (051).

TABLE 4. REPORTED CASES OF SELECTED DISEASES BY AGE IN THE AMERICAS, 1960 (continued)

Disease and area	Total	Age group in years														Not stated	
		Under 1	1	2	3	4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65 and over		
LEPROSY (060)																	
Bolivia	33	-	-	-	-	-	1	3	-	3	11	9	2	1	3	-	
Colombia (e)	526	10					48		74			283		92		19	-
Costa Rica	57	-	-	-	-	-	3		6			25		19		3	1
Peru (e)	162	-	-	-	1	-	10	38	24	21	25	23	11	5	4	-	
Canal Zone	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	
French Guiana	64	-	-	2	1	5	25	9	3	3	1	2	1	3	4	5	
Guadeloupe	41	-	-	-	-	2	3	2	9	1	4	6	2	7	5	-	
Martinique	53	-	-	-	-	-	4	4	5	4	6	8	12	3	4	3	
TETANUS (061)																	
Argentina	520	51	10			19		16	6	6	29	27	43		313		
Bolivia	9	2	-	-	-	1	3	1	1	1	-	-	-	-	-	-	
Colombia (e)	791	472					101		80			79		33		5	21
Costa Rica	63	19	3			8		6			10		13		3	1	
Panama	54	13	-	2	3	2	6	6	2	5	4	3	2	2	-	4	
Paraguay	161	67	15			12		67							-	-	
British Honduras	8	1	-	1	-	-	1	3	-	-	2	-	-	-	-	-	
French Guiana	6	1	-	-	-	-	-	1	1	-	1	-	-	2	-	-	
Guadeloupe	12	-	1	-	-	-	4	-	-	1	2	2	1	1	-	-	
Martinique	13	-	-	1	-	-	1	1	-	-	-	2	3	1	2	2	
Virgin Islands (U.K.)	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	
West Indies Fed. Grenada	3	-	-	-	-	-	1	1	-	-	-	1	-	-	-	-	
ANTHRAX (062)																	
Argentina	244	1			-		-	1	1	5	6	6	13		211		
Colombia (e)	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	
Costa Rica	2	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	
YAWS (073)																	
Colombia (e)	463	69			-		172		129			78		13		2	-
West Indies Fed. Grenada	3	-	-	-	-	-	1	2	-	-	-	-	-	-	-	-	
ACUTE POLIOMYELITIS (080)																	
Argentina (q)	1 097	212	338	169	96	55	96	45	28	21	28	5	3	1	-	-	
Canada (a, q)	856	45	259			195		95	56	b 148		c 24		d 2	32		
Chile	546	123	317			50		30	5	3	5	-	-	-	13		
Colombia (e)	233	172			-		55		2		4		-		-		
Costa Rica	66	19	35			6		4		2		-		-			
Cuba	330	52	80	37	34	33	48	21	15	3	5	2	-	-	-		
Panama	29	5	6	2	4	-	1	-	1	1	-	1	-	-	8		
Paraguay	43	11	23			6		3							-		
United States	3 190	142	1 104			796		311		407			387		41		
Venezuela (h)	177	57	56	22	11	3	12	5	1	10			-		-		
French Guiana	2	-	-	-	-	-	1	-	1	-	-	-	-	-	-		
Martinique	2	-	-	-	-	-	-	1	-	-	-	-	-	-	1		
Puerto Rico	505	102	122	82	78	48	60	6	3	2	2	-	-	-	-		

(a) Age-group data not available for some provinces. (b) Age group 20-39 years. (c) Age group 40-59 years. (d) Age group 60 years and over. (e) Reporting area. (h) Organized Reporting Area. (q) Paralytic poliomyelitis (080.0, 080.1).

TABLE 4. REPORTED CASES OF SELECTED DISEASES BY AGE IN THE AMERICAS, 1960 (continued)

Disease and area	Total	Age group in years														Not stat-ed
		Under 1	1	2	3	4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65 and over	
ACUTE INFECTIOUS ENCEPHALITIS (082)																
Argentina	502	31			23		6	3	2	1	3			6		427
Canada (r)	9	2	-	-	-	-	1	3			1			1	1	-
Colombia (e,s)	102			45			36		12		15		3			-
Costa Rica	7	1			4				1				1			-
United States (g)	2 158			494			688	230	208		312		167			59
Puerto Rico	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
SMALLPOX (084)																
Argentina	65	2	1	4	3	3	8	9	5	4	4	1	1	-	-	20
Bolivia	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
Colombia	209			28			99		40		35		5		2	-
Paraguay	35	-	-	-	-	-	-				10					25
MEASLES (085)																
Argentina	29 978	770		3 375			1 592	428	168	176	63	28	16			23 362
Bolivia	413	42	90	67	72	29	55	22	10	13	2	7	-	-	-	4
Chile	32 720	6 543		19 386			3 846	919	332	238	173	77	28	11	10	1 157
Colombia (e)	38 226			24 175			11 659		1 230		342		63		17	740
Costa Rica	2 220	292		1 198			588		81		20		3		1	37
Panama	835	55	127	94	71	56	238	82	48	18	25	9	-	-	-	12
Paraguay	1 705	271		787			298				349					-
Venezuela (h)	4 627	598	1 221	808	548	331	774	138	64			60				85
British Honduras	534	41	83	75	77	56	167	24	5	3	-	1	-	-	-	2
Canal Zone	155	4	10	11	16	13	88	3	3	3	1	1	1	1	-	-
Guadeloupe	15	-	1	1	2	5	6	-	-	-	-	-	-	-	-	-
Martinique	104	-	1	-	1	-	2	-	-	-	-	-	-	-	-	100
INFECTIOUS HEPATITIS (092)																
Argentina	2 028	6		32			27	9	19	10	16	12	25			1 872
Canada (a,t)	3 352	16		135			677	535	270	b	853		c	229	d	579
Costa Rica	321	6		96			65		46		69		31		4	4
United States (g,t)	36 846			1 700			8 600	6 933	- 6 306		- 7 126		2 661			3 520
British Honduras	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Canal Zone (t)	20	-	-	-	-	-	3	5	2	5	1	2	1	1	-	-
Falkland Islands	3	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-
Puerto Rico (t)	792	7	4	25	28	54	318	138	57	33	38	30	29			31
RABIES (094)																
Argentina	13			1			1	3	-	1	1	2	3	1	-	-
Bolivia	2	-	-	-	-	-	-	1	-	-	-	-	1	-	-	-
Colombia (e)	16			1			10				3		1		1	-
British Guiana	5	-	-	-	-	-	1	3	1	-	-	-	-	-	-	-
MALARIA (110-117)																
Argentina	1 975	15	35	53	60	58	319	292	268	217	315	156	97	49	23	18
Bolivia	614	25	17	18	27	28	86	51	59	41	75	79	51	36	14	7
Colombia (e)	37 273			4 564			8 508		9 624		10 157		2 691		483	1 246
Costa Rica	1 995	40		348			778		341		339		83		17	49

(a) Age-group data not available for some provinces. (b) Age group 20-39 years. (c) Age group 40-59 years. (d) Age group 60 years and over. (e) Reporting area. (g) Age-group data not available for some states. (h) Organized Reporting Area. (r) Arthropod-borne encephalitis (082.0). (s) Discrepancy between total cases and age-group data. (t) Including serum jaundice (N998.5 pt.).

TABLE 4. REPORTED CASES OF SELECTED DISEASES BY AGE IN THE AMERICAS, 1960 (continued)

Disease and area	Total	Age group in years														Not stat- ed	
		Under 1	1	2	3	4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65 and over		
MALARIA (110-117) (cont.)																	
Panama	4 483	81	125	171	193	143	954	752	464	414	410	201	119	61	31	344	
British Guiana	676	4	29	23	44	41	119	101	75	62	41	43	21	3	3	67	
British Honduras	196	1	1	5	3	8	23	53	30	21	20	10	12	3	-	6	
Canal Zone	20	-	-	-	-	-	-	-	4	2	-	6	2	1	1	4	
French Guiana	7	1	1	-	-	-	-	1	-	1	2	1	-	-	-	-	
Guadeloupe	2	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	
INFLUENZA (480-483)																	
Bolivia	861	138	72	56	47	28	121	61	46	43	72	65	39	34	24	15	
Colombia (e)	82 971	26 752					17 440		14 396			14 717		5 374		1 267	3 025
Costa Rica	6 238	980		1 527			811		726		1 533		514		79	68	
Virgin Islands (U. K.)	2	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	

(e) Reporting area.

TABLE 5. REPORTED CASES OF QUARANTINABLE DISEASES BY MAJOR POLITICAL DIVISIONS OF EACH COUNTRY, IN THE AMERICAS, 1959 AND 1960

Disease, country and major political divisions	1959	1960	Disease, country and major political divisions	1959	1960	Disease, country and major political divisions	1959	1960
PLAGUE (058)			SMALLPOX (084) (cont.)			SMALLPOX (084) (cont.)		
Bolivia	-	12	Argentina (cont.)			Colombia (cont.)		
Department:			Provinces (cont.)			Departments (cont.)		
Santa Cruz	-	12	Santa Fe	1	3	Nariño	108	20
Brazil	16	28	Santiago del Estero	7	26	Tolima	100	11
States:			Tucuman	1	2	Valle del Cauca	131	-
Alagoas	-	13	Bolivia	7	1	Intendency:		
Bahia	16	13	Departments:			La Guajira	5	3
Rio de Janeiro	-	2	La Paz	-	1	Commissaries:		
Ecuador	40	77	Potosi	7	-	Amazonas	1	1
Provinces:			Brazil (b)	c2 629	2 644	Putumayo	-	3
Chimborazo	21	35	States and Capitals:			Vichada	3	10
El Oro	-	5	Alagoas: Maceio	18	19	Ecuador	1 140	2 185
Loja	19	37	Amazonas: Manaus	353	377	Provinces:		
Peru	33	139	Bahia: Salvador	380	224	Azuay	104	110
Departments:			Ceara: Fortaleza	140	205	Bolivar	14	152
Cajamarca	18	7	Espirito Santo: Vitoria	4	2	Cañar	8	21
Piura	15	132	Goias: Goiania	...	5	Carchi	59	44
United States	4	2	Guanabara: Rio de Janeiro	231	732	Chimborazo	288	453
States:			Maranhão: São Luis	22	1	Cotopaxi	123	19
California	2	-	Mato Grosso: Cuiaba	...	22	El Oro	-	22
Maryland	a 1	-	Minas Gerais: Belo Horizonte	472	...	Esmeraldas	5	13
New Mexico	1	2	Para: Belem	19	14	Guayas	57	12
LOUSE-BORNE RE-LAPSING FEVER (071.0)			Paraiba: João Pessoa	13	...	Imbabura	192	43
Bolivia	1	-	Parana: Curitiba	418	285	Loja	83	892
Department:			Pernambuco: Recife	67	57	Los Rios	30	64
Beni	1	-	Piaui: Teresina	16	12	Manabi	144	284
Colombia	-	4	Rio Grande do Norte: Natal	11	4	Napo Pastaza	-	5
Departments:			Rio Grande do Sul: Porto Alegre	35	d 553	Pichincha	15	8
Caldas	-	1	Santa Catarina: Florianopolis	3	...	Tungurahua	36	36
Cauca	-	3	São Paulo: São Paulo	312	132	Zamora Chinchipe	2	7
Peru	9	-	Chile	e 1	-	Paraguay	-	35
Departments:			Province:			Department:		
Cajamarca	1	-	Antofagasta	1	-	Presidente Hayes	-	35
Huancavelica	1	-	Colombia	950	209	Uruguay	-	f 19
Pasco	7	-	Departments:			Department:		
SMALLPOX (084)			Antioquia	175	25	Cerro Largo	-	19
Argentina	36	65	Atlantico	13	10	YELLOW FEVER (091)(g)		
Provinces:			Bolívar	117	37	Bolivia	1	14
Buenos Aires	3	-	Boyaca	3	4	Department:		
Chubut	-	1	Caldas	12	11	La Paz	1	14
Corrientes	3	1	Cauca	94	1	Brazil	4	1
Entrê Rios	3	1	Choco	31	3	States:		
Jujuy	1	1	Cordoba	63	53	Goias	2	-
Mendoza	-	1	Cundinamarca	20	-	Minas Gerais	2	-
Misiones	16	20	Huila	36	4	Para	-	1
Salta	-	1	Magdalena	17	8	Colombia	21	11
San Luis	1	8	Meta	21	5	Departments:		
						Antioquia	-	3
						Boyaca	-	3
						Caldas	1	-

(a) Laboratory-acquired case.

(b) State of Guanabara and capitals of other states. Data for 1960 incomplete.

(c) Revised total.

(d) Data for the entire state.

(e) Case infected by nomad coming from outside the country.

(f) Including 2 imported cases.

(g) Jungle yellow fever.

TABLE 5. REPORTED CASES OF QUARANTINABLE DISEASES BY MAJOR POLITICAL DIVISIONS OF EACH COUNTRY, IN THE AMERICAS, 1959 AND 1960 (continued)

Disease, country and major political divisions	1959	1960	Disease, country and major political divisions	1959	1960	Disease, country and major political divisions	1959	1960
YELLOW FEVER (091) (cont.)			LOUSE-BORNE TYPHUS (100) (cont.)			LOUSE-BORNE TYPHUS (100) (cont.)		
Colombia (cont.)			Chile	6	10	Mexico	242	106
Departments (cont.)			Provinces:			Federal District	9	7
Cundinamarca	1	-	Arauco	-	8	Aguascalientes	1	-
Norte de Santander	-	3	Cautin	-	2	Coahuila	3	1
Santander	-	2	Coquimbo	1	-	Durango	36	1
Intendancy:			Malleco	2	-	Guanajuato	4	15
Caqueta	19	-	Nuble	1	-	Hidalgo	2	1
Peru	1	6	Santiago	1	-	Jalisco	2	-
Departments:			Valdivia	1	-	Mexico	28	35
Huanuco	-	3	Colombia	15	26	Michoacan	74	3
Loreto	1	-	Departments:			Nayarit	1	-
San Martin	-	3	Antioquia	3	-	Oaxaca	25	4
Venezuela	1	2	Bolivar	2	-	Puebla	3	1
States:			Boyaca	2	-	Queretaro	8	2
Bolivar	-	1	Caldas	2	9	San Luis Potosi	10	17
Tachira	1	1	Cundinamarca	-	3	Sonora	2	1
Trinidad and Tobago	2	-	Nariño	1	3	Tamaulipas	6	-
County:			Norte de Santander	1	-	Tlaxcala	1	1
Nariva	2	-	Santander	1	-	Veracruz	23	15
			Tolima	2	1	Zacatecas	4	2
LOUSE-BORNE TYPHUS (100)			Valle del Cauca	1	10	Peru	96	38
Argentina	4	-	Ecuador	267	481	Departments:		
Province:			Provinces:			Ancash	1	-
Salta	4	-	Azuay	30	80	Apurimac	3	7
Bolivia	29	7	Bolivar	27	29	Arequipa	5	-
Departments:			Cañar	2	3	Ayacucho	1	8
Chuquisaca	2	2	Carchi	28	58	Cuzco	4	6
Cochabamba	7	1	Chimborazo	13	132	Huancavelica	24	3
La Paz	2	2	Cotopaxi	102	66	Huanuco	-	1
Oruro	7	-	Guayas	-	1	Junin	19	5
Potosi	4	2	Imbabura	7	29	La Libertad	1	-
Santa Cruz	7	-	Loja	-	1	Lima	1	-
			Pichincha	28	52	Moquegua	-	4
			Tungurahua	30	30	Pasco	-	3
						Puno	37	1

TABLE 6. REPORTED CASES OF LEPROSY (060) BY MAJOR POLITICAL DIVISIONS OF EACH COUNTRY, IN THE AMERICAS, 1959 AND 1960

Country and major political divisions	1959	1960	Country and major political divisions	1959	1960	Country and major political divisions	1959	1960
Argentina	438	442	Brazil (cont.)			Guatemala (cont.)		
Federal Capital	53	48	Territories: (cont.)			Departments (cont.)		
Provinces:			Rondonia	13	29	Retalhuleu	1	-
Buenos Aires	90	113	Canada	-	2	Suchitepequez	1	-
Catamarca	1	3	Province:			Haiti	6	9
Chaco	35	40	Alberta	-	2	Departments:		
Cordoba	57	45	Chile	18	16	Artibonite	1	-
Corrientes	46	37	Isla de Pascua	18	16	Ouest	4	9
Entre Rios	37	37	Colombia (a)	594	526	Sud	1	-
Formosa	14	16	Departments:			Honduras	-	2
Jujuy	1	-	Antioquia	31	53	Departments:		
La Rioja	1	-	Atlantico	8	4	Choluteca	-	1
Mendoza	2	1	Bolivar	13	12	Santa Barbara	-	1
Misiones	36	42	Boyaca	27	25	Mexico	111	115
Neuquen	-	2	Caldas	19	9	States:		
Salta	5	12	Cauca	1	8	Aguascalientes	5	3
San Juan	1	2	Choco	1	1	Baja California	5	4
San Luis	1	-	Cordoba	18	4	Chihuahua	8	7
Santa Fe	24	22	Cundinamarca	173	150	Coahuila	2	1
Santiago del Estero	6	7	Huila	10	10	Colima	3	1
Tucuman	28	15	Magdalena	13	9	Durango	3	14
Bolivia	109	33	Meta	3	3	Guanajuato	9	8
Departments:			Nariño	10	6	Guerrero	5	1
Beni	8	13	Norte de Santander	118	105	Jalisco	15	4
Chuquisaca	-	1	Santander	109	76	Michoacan	2	15
La Paz	1	-	Tolima	18	15	Morelos	3	1
Santa Cruz	99	18	Valle del Cauca	24	35	Nayarit	10	12
Tarija	1	1	Intendencias:			Nuevo Leon	2	1
Brazil	7 468	6 696	Caqueta	1	-	Sinaloa	17	16
States:			La Guajira	-	1	Sonora	9	9
Alagoas	5	4	Commissary:			Tabasco	-	2
Amazonas	278	228	Putumayo	1	-	Tamaulipas	3	8
Bahia	48	50	Costa Rica	35	57	Yucatan	2	1
Ceara	154	92	Provinces:			Zacatecas	8	7
Espirito Santo	101	126	Alajuela	3	11	Nicaragua (b)	12	138
Golas	502	433	Cartago	10	8	Panama	-	4
Guanabara	303	328	Guanacaste	1	4	Provinces:		
Maranhão	177	181	Heredia	2	3	Colon	-	1
Mato Grosso	130	132	Limon	2	2	Herrera	-	1
Minas Gerais	1 681	1 467	Puntarenas	4	11	Veraguas	-	2
Para	226	209	San Jose	13	18	Paraguay	221	285
Paraiba	48	25	Cuba	190	134	Capital	38	91
Parana	920	721	Provinces:			Departments:		
Pernambuco	86	91	Camaguey	17	10	Amambay	7	8
Piaui	81	56	Habana	108	29	Caaguazu	20	7
Rio de Janeiro	170	200	Las Villas	9	41	Caazapa	19	10
Rio Grande do Norte	16	4	Matanzas	4	10	Central	6	25
Rio Grande do Sul	242	232	Oriente	17	41	Concepcion	12	10
Santa Catarina	95	77	Pinar del Rio	35	3	Cordilleras	48	24
São Paulo	2 073	1 927	Dominican Republic (b)	40	42	Guaira	10	-
Sergipe	26	21	El Salvador (a, b)	50	10	Itapua	8	9
Territories:			Guatemala	4	1	Misiones	-	6
Acre	90	63	Departments:			Ñeembucu	9	6
Rio Branco	3	-	Baja Verapaz	1	-	Paraguari	29	74
			Guatemala	1	1			

(a) Reporting area.

(b) Cases not specified by major political divisions.

TABLE 6. REPORTED CASES OF LEPROSY (060) BY MAJOR POLITICAL DIVISIONS OF EACH COUNTRY, IN THE AMERICAS, 1959 AND 1960 (continued)

Country and major political divisions	1959	1960	Country and major political divisions	1959	1960	Country and major political divisions	1959	1960
Paraguay (cont.)			Venezuela (cont.)			Guadeloupe	60	41
Departments (cont.)			States:			Arrondissements:		
San Pedro	11	13	Anzoategui	4	5	Basse-Terre	22	17
Region:			Apure	27	29	Grande-Terre	38	24
Chaco	4	2	Aragua	14	24	Martinique	75	53
Peru (a)	63	c 162	Barinas	26	46	Netherlands Antilles	3	2
Departments:			Bolivar	9	21	Puerto Rico	-	2
Apurimac	2	5	Carabobo	26	32	Surinam	112	119
Huanuco	6	5	Cojedes	-	3	Virgin Islands (USA)	2	-
Lima	1	1	Falcon	-	6	West Indies Federation:		
Loreto	51	146	Guarico	25	19	Antigua	3	4
Madre de Dios	1	-	Lara	62	65	Barbados	2	-
San Martin	2	2	Merida	17	11	Parishes:		
United States	50	54	Miranda	8	13	St. James	1	-
States:			Monagas	3	3	St. Michael	1	-
California	17	11	Nueva Esparta	9	3	Grenada	5	-
Florida	1	1	Portuguesa	2	4	Jamaica	28	16
Hawaii	6	19	Sucre	1	7	Parishes:		
Illinois	1	1	Tachira	13	38	Clarendon	3	2
Indiana	-	3	Trujillo	8	30	Hanover	2	-
Louisiana	3	1	Yaracuy	5	2	Kingston	3	1
Massachusetts	2	-	Zulia	41	34	Manchester	5	3
Missouri	-	1	Federal Territory:			St. Ann	2	5
New York	d 8	8	Amazonas	1	-	St. Catherine	5	3
North Carolina	1	1	Bahama Islands	1	-	St. Mary	2	-
Ohio	-	1	Canal Zone	-	1	Trelawny	4	2
Texas	11	7	French Guiana	38	64	Westmoreland	2	-
Uruguay (b)	19	23	Communes:			St. Kitts-Nevis-Anguilla	5	-
Venezuela (a)	408	403	Cayenne	32	64	St. Lucia	3	-
Federal District	107	8	St. Laurent	6	-	St. Vincent	1	2

(a) Reporting area.

(b) Cases not specified by major political divisions.

(c) Including 3 imported cases.

(d) Notifiable in New York City only.

TABLE 7. REPORTED CASES OF YAWS (073) BY MAJOR POLITICAL DIVISIONS OF EACH COUNTRY, IN THE AMERICAS, 1959 AND 1960

Country and major political divisions	1959	1960	Country and major political divisions	1959	1960	Country and major political divisions	1959	1960
Brazil	-	^a 1	Haiti (cont.)			Venezuela (cont.)		
Colombia (b)	810	463	Departments (cont.)			States (cont.)		
Departments:			Nord-Ouest	5	1	Nueva Esparta	1	-
Antioquia	58	99	Ouest	702	217	Portuguesa	2	1
Bolívar	44	38	Sud	14	2	Sucre	116	51
Boyaca	7	1	Panama	-	2	Tachira	-	3
Caldas	32	8	Provinces:			Trujillo	6	2
Cauca	419	130	Panama	-	1	Yaracuy	19	24
Choco	23	30	Veraguas	-	1	Zulia	1	1
Cordoba	61	52	Peru (b)	102	...	West Indies Federation:		
Cundinamarca	42	43	Departments:			Antigua	10	53
Huila	6	3	Amazonas	1	...	Grenada	-	3
Magdalena	14	6	Huanuco	11	...	Jamaica	20	275
Meta	1	8	Loreto	62	...	Parishes:		
Nariño	4	6	Pasco	3	...	Clarendon	-	72
Norte de Santander	7	1	San Martín	25	...	Hanover	-	1
Santander	5	1	Venezuela (b)	250	146	Kingston	3	-
Valle del Cauca	57	29	Federal District	-	1	Manchester	-	5
Intendencias:			States:			Portland	-	10
Caqueta	22	-	Apure	-	2	St. Andrew	-	6
La Guajira	-	6	Aragua	2	-	St. Ann	-	2
San Andres y Providencia	8	-	Barinas	20	11	St. Catherine	13	129
Commissary:			Bolívar	1	-	St. Elizabeth	-	2
Putumayo	-	2	Carabobo	22	1	St. James	-	1
Cuba (a)	-	1	Cojedes	6	-	St. Mary	2	10
Dominican Republic (a)	181	303	Guarico	9	6	St. Thomas	-	26
Haiti	860	336	Lara	1	1	Trelawny	-	8
Departments:			Merida	2	-	Westmoreland	2	3
Artibonite	124	105	Miranda	32	33	St. Lucia	140	64
Nord	15	11	Monagas	10	9	St. Vincent	73	60

(a) Cases not specified by major political divisions.

(b) Reporting area.

TABLE 8. REPORTED CASES OF MALARIA (110-117) BY MAJOR POLITICAL DIVISIONS
OF EACH COUNTRY, IN THE AMERICAS, 1959 AND 1960

Country and major political divisions	1959	1960	Country and major political divisions	1959	1960	Country and major political divisions	1959	1960
Argentina	5 351	1 975	Colombia (cont.)			Ecuador (cont.)		
Provinces:			Departments (cont.)			Provinces (cont.)		
Catamarca	3	-	Bolivar	1 104	725	Loja	421	469
Chaco	881	443	Boyaca	656	543	Los Rios	539	1 457
Corrientes	3	9	Caldas	3 427	2 803	Manabi	666	2 029
Formosa	740	486	Cauca	1 109	736	Napo Pastaza	1	12
Jujuy	214	114	Choco	3 497	2 944	Pichincha	400	698
Misiones	49	11	Cordoba	3 950	2 245	El Salvador (a, b)	d17521	10 066
Salta	2 764	862	Cundinamarca	2 107	1 145	Departments:		
Santiago del Estero	655	26	Huila	1 664	678	Ahuachapan	1 330	424
Tucuman	42	24	Magdalena	3 012	2 065	Cabañas	193	59
Bolivia	943	614	Meta	4 358	2 297	Chalatenango	2 093	579
Departments:			Nariño	1 796	958	Cuzcatlan	301	138
Beni	61	74	Norte de Santander	1 716	884	La Libertad	1 192	591
Chuquisaca	143	182	Santander	6 967	4 393	La Paz	1 593	907
Cochabamba	50	2	Tolima	3 243	2 331	La Union	1 189	1 289
La Paz	7	10	Valle del Cauca	6 957	3 323	Morazan	113	90
Oruro	30	-	Intendencias:			San Miguel	1 267	964
Potosi	3	4	Arauca	452	361	San Salvador	2 488	1 155
Santa Cruz	-	262	Caqueta	682	237	San Vicente	1 356	1 013
Tarija	649	80	La Guajira	108	101	Santa Ana	360	181
Brazil (a)	42 072	30 960	San Andres y Providencia	109	-	Sonsonate	1 797	900
States:			Commissaries:			Usulután	2 240	1 776
Alagoas	417	-	Amazonas	7	3	Guatemala (a)	7 894	3 387
Amazonas	412	353	Putumayo	156	172	Departments:		
Bahia	196	118	Vaupés	176	58	Alta Verapaz	158	167
Espirito Santo	167	240	Vichada	141	49	Baja Verapaz	78	21
Goiás	2 366	975	Costa Rica (a)	1 900	1 995	Chimaltenango	77	19
Guanabara	-	52	Provinces:			Chiquimula	288	21
Maranhão	19 042	13 481	Alajuela	32	43	El Peten	49	4
Mato Grosso	252	190	Cartago	-	1	El Progreso	856	916
Minas Gerais	928	457	Guanacaste	316	432	El Quiche	35	25
Para	3 350	1 143	Heredia	39	1	Escuintla	2 079	729
Paraiba	228	-	Limon	97	90	Guatemala	445	80
Parana	1 073	1 066	Puntarenas	1 294	1 338	Huehuetenango	100	103
Piauí	4 096	5 422	San Jose	122	90	Izabal	1 406	124
Rio de Janeiro	214	775	Cuba	...	1 290	Jalapa	330	28
Rio Grande do Sul	4	-	Provinces:			Jutiapa	731	289
Santa Catarina	6 440	4 134	Camaguey	...	132	Quezaltenango	43	11
São Paulo	106	46	Habana	...	37	Retalhuleu	228	96
Sergipe	-	9	Las Villas	...	17	San Marcos	76	7
Territories:			Matanzas	...	10	Santa Rosa	292	42
Acre	8	3	Oriente	...	1 064	Solola	48	17
Amapa	1 482	1 128	Pinar del Rio	...	30	Suchitepequez	459	685
Rio Branco	31	59	Dominican Republic (a, c)	4 491	5 548	Zacapa	116	3
Rondonia	1 260	1 309	Ecuador (a)	d5 532	9 337	Haiti	31 184	38 586
Canada	-	5	Provinces:			Departments:		
Provinces:			Azuay	34	111	Artibonite	8 576	10 263
British Columbia	-	3	Cañar	32	66	Nord	3 904	7 293
Manitoba	-	1	Chimborazo	7	2	Nord-Ouest	431	2 260
Saskatchewan	-	1	El Oro	843	577	Ouest	13 829	13 278
Colombia (b)	60 459	37 273	Esmeraldas	1 619	1 723	Sud	4 444	5 492
Departments:			Guayas	949	2 193	Honduras	14 650	d6 303
Antioquia	12 987	8 197	Imbabura	1	-	Departments:		
Atlantico	78	25				Atlantida	608	236

(a) Confirmed cases.

(b) Reporting area.

(c) Cases not specified by major political divisions.

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

TABLE 8. REPORTED CASES OF MALARIA (110 - 117) BY MAJOR POLITICAL DIVISIONS
OF EACH COUNTRY, IN THE AMERICAS, 1959 AND 1960 (continued)

Country and major political divisions	1959	1960	Country and major political divisions	1959	1960	Country and major political divisions	1959	1960
Honduras (cont.)			Nicaragua (a)	1 875	7 528	Peru (cont.)		
Departments (cont.)			Departments:			Departments (cont.)		
Choluteca	1 242	1 325	Boaco	16	7	Cajamarca	534	...
Colon	529	237	Carazo	115	124	Callao	6	...
Comayagua	698	352	Chinandega	289	992	Cuzco	159	...
Copan	488	56	Chontales	6	77	Huancavelica	716	...
Cortes	3 198	988	Esteli	27	1 740	Huanuco	248	...
El Paraiso	518	226	Granada	81	65	Ica	96	...
Francisco Morazan	305	248	Jinotega	-	23	Junin	327	...
Intibuca	50	74	Leon	114	562	La Libertad	80	...
Islas de la Bahia	15	13	Madriz	11	845	Lambayeque	632	...
La Paz	647	341	Managua	901	2 750	Lima	85	...
Lempira	916	45	Masaya	48	93	Loreto	417	...
Ocotepeque	411	459	Matagalpa	39	66	Madre de Dios	21	...
Olancho	502	669	Nueva Segovia	23	76	Moquegua	37	...
Santa Barbara	1 987	860	Rio San Juan	10	13	Pasco	56	...
Valle	1 135	281	Rivas	41	32	Piura	234	...
Yoro	1 401	594	Zelaya	154	63	Puno	20	...
Mexico	1 416	2 709	Panama (a)	5 017	4 463	San Martin	193	...
Federal District	4	4	Provinces			Tumbes	15	...
States:			Bocas del Toro	57	...	United States (e)	72	72
Aguascalientes	2	-	Chiriqui	1 066	...	District of Columbia	-	2
Baja California	5	-	Cocle	207	...	States:		
Campeche	3	6	Colon	445	...	Alabama	-	2
Chiapas	165	235	Darien	100	...	Arizona	1	1
Chihuahua	1	5	Herrera	72	...	Arkansas	1	-
Cosahuila	1	1	Los Santos	181	...	California	25	10
Colima	33	16	Panama	2 380	...	Connecticut	1	1
Durango	7	11	Veraguas	509	...	Florida	2	3
Guanajuato	8	101	Paraguay	448	388	Hawaii	1	-
Guerrero	137	326	Capital	110	42	Illinois	2	-
Hidalgo	22	38	Departments:			Indiana	-	2
Jalisco	34	33	Amambay	23	55	Iowa	-	1
Mexico	5	2	Caaguazu	36	35	Kansas	-	2
Michoacan	205	303	Caazapa	68	48	Kentucky	2	3
Morelos	37	9	Central	15	9	Maine	-	1
Nayarit	123	101	Concepcion	19	19	Maryland	2	2
Nuevo Leon	18	3	Cordilleras	8	6	Massachusetts	2	3
Oaxaca	42	603	Guaira	17	28	Mississippi	2	3
Puebla	272	522	Itapua	27	23	Missouri	1	-
Queretaro	-	2	Misiones	4	7	Nebraska	-	2
Quintana Roo	1	7	Neembucu	3	-	Nevada	1	-
San Luis Potosi	-	1	Paraguari	3	5	New Jersey	1	-
Sinaloa	42	228	San Pedro	65	102	New Mexico	2	-
Sonora	11	15	Region:			New York	2	6
Tabasco	52	5	Chaco	50	9	North Carolina	2	7
Tamaulipas	33	5	Peru (b)	4 796	2 487	Ohio	2	3
Tlaxcala	-	4	Departments:			Oklahoma	1	1
Veracruz	76	115	Amazonas	317	...	Oregon	2	1
Yucatan	67	4	Ancash	205	...	Pennsylvania	1	2
Zacatecas	10	3	Apurimac	138	...	South Carolina	1	-
Territory:			Arequipa	60	...	Texas	2	5
Baja California, Sur	-	1	Ayacucho	200	...	Utah	2	-

(a) Confirmed cases.

(b) Reporting area.

(e) Data include cases acquired outside the country.

TABLE 8. REPORTED CASES OF MALARIA (110 - 117) BY MAJOR POLITICAL DIVISIONS
OF EACH COUNTRY, IN THE AMERICAS, 1959 AND 1960 (continued)

Country and major political divisions	1959	1960	Country and major political divisions	1959	1960	Country and major political divisions	1959	1960
United States (cont.)			Venezuela (cont.)			Surinam (a)	2 703	997
States (cont.)			Federal Territories:			West Indies Federation:		
Virginia	8	3	Amazonas	87	92	Dominica (a)	46	7
Washington	2	1	Delta-Amacuro	1	3	Grenada (a)	2	-
Wisconsin	-	1	British Guiana (c)	175	676	Jamaica	2 420	761
Wyoming	1	4	British Honduras (a)	1 017	196	Parishes:		
Venezuela	f 911	g 1 674	Belize City	61	19	Clarendon	561	173
Federal District	1	1	Districts:			Hanover	34	2
States:			Cayo	49	9	Kingston	22	2
Anzoategui	1	3	Corozal	228	37	Manchester	11	12
Apure	12	40	Orange Walk	79	121	Portland	297	158
Barinas	5	226	Stann Creek	135	2	St. Andrew	4	4
Bolivar	45	70	Toledo	465	8	St. Ann	280	27
Lara	4	1	Canal Zone	26	20	St. Catherine	298	142
Merida	81	82	French Guiana	6	7	St. Elizabeth	460	130
Monagas	1	50	Communes:			St. James	11	-
Portuguesa	1	-	Cayenne	5	3	St. Mary	12	5
Sucre	67	77	St. Laurent	1	4	St. Thomas	416	103
Tachira	109	352	Guadeloupe	-	2	Trelawny	8	-
Trujillo	9	26	Arrondissement:			Westmoreland	6	3
Zulia	108	259	Grande-Terre	-	2	St. Lucia (a)	3	-
						Trinidad and Tobago (a)	97	13

(a) Confirmed cases.

(c) Cases not specified by major political divisions.

(f) Includes 379 cases acquired outside the country.

(g) Includes 392 cases acquired outside the country.

TABLE 9. REPORTED CASES OF SELECTED ZOOSES IN MAN AND ANIMALS,
IN THE AMERICAS, 1959 AND 1960

Disease and area	1959		1960		Remarks on cases in animals
	Man	Animals	Man	Animals	
ANTHRAX					
Argentina	183	...	244	...	
Bolivia	6	...	-	...	
Brazil	a -	99	a -	103	Cattle
Canada	-	-	-	2	Cattle
Chile	244	1346	289	1352	
Colombia	b 7	-	b 1	11	
Costa Rica	6	(24)	2	(24)	Number of outbreaks; cattle
El Salvador	...	132	...	64	Cattle
Guatemala	...	87	...	73	Cattle
Haiti	29	...	49	...	
Honduras	...	...	2	...	
Nicaragua	...	133	...	115	Cattle
Paraguay	32	52	16	...	Cattle, dogs
Peru	b 85	15	...	98	Cattle, goats
United States	12	(198)	23	(125)	Number of herds affected; all species
Uruguay	30	...	109	...	
Venezuela	b 46	27	b 46	97	
British Guiana	...	-	...	3	
Puerto Rico	-	(4)	-	-	Number of herds affected; cattle
West Indies Federation: Jamaica	-	2	-	2	
BRUCELLOSIS					
Argentina	1698	...	1362	...	
Brazil	...	1075	...	1383	Cattle, pigs
Canada	120	30490	142	33598	Cattle; positive reactors, National Eradication Program
Chile	3	...	4	...	
Colombia	b 12	2703	b 11	3966	
Costa Rica	2	957	16	615	Cattle
Cuba	8	...	5	...	
El Salvador	b 16	122	b 31	136	Cattle
Guatemala	...	275	...	342	Cattle
Mexico	1579	67	1356	66	Cattle
Nicaragua	...	200	...	26	Cattle
Panama	-	...	1	...	
Paraguay	-	...	-	...	Estimated infection, 10%
Peru	b 698	551	b 843	275	Cattle
United States	893	(70668)	751	(53162)	Number of herds affected; cattle
Uruguay	2	...	2	...	
Venezuela	b 4	1254	b 12	1042	Cattle
Bahama Islands	...	...	...	10	Goats, pigs; tests indicate many sub-clinical cases
Puerto Rico	-	(690)	1	(506)	Number of herds affected; cattle
Surinam	-	...	-	...	Known to be present
Virgin Islands (U. S. A.)	1	(9)	-	(1)	Number of herds affected; cattle
West Indies Federation: Barbados	*	4	*	-	Dairy cows; positive reactors
Jamaica	-	50	-	14	

(a) State of Guanabara and capitals of other states. Data for 1960 incomplete.

(b) Reporting area.

TABLE 9. REPORTED CASES OF SELECTED ZONOSSES IN MAN AND ANIMALS,
IN THE AMERICAS, 1959 AND 1960 (continued)

Disease and area	1959		1960		Remarks on cases in animals
	Man	Animals	Man	Animals	
ENCEPHALITIS, ARTHRO- POD-BORNE					
Brazil	...	137	...	77	Equines
Canada	24	-	9	-	
United States	334	817	...	1082	Equines
Uruguay	35	...	32	...	
British Guiana	...	4	...	3	Equine encephalomyelitis (Eastern)
Netherlands Antilles	...	-	...	3	
HYDATIDOSIS					
Argentina	159	...	157	...	
Brazil	...	4	...	-	
Canada	*	...	*	...	Occurs in wild fauna
Chile	98	164 378	102	132 419	Data from slaughterhouses
Paraguay	-	98	-	79	
Peru	b 110	30 683	b 196	35 748	Cattle, goats, sheep
Uruguay	355	...	489	...	
Venezuela	*	62	*	86	
LEPTOSPIROSIS					
Argentina	8	...	-	...	
Canada	*	52	*	78	
Mexico	...	27	...	27	Cattle, pigs
United States	89	(18 828)	53	(17 065)	Number of herds affected; all species
Venezuela	b 21	-	b 22	-	
French Guiana	...	2	...	...	Dogs
Puerto Rico	2	-	9	-	
Surinam	...	...	...	...	Known to be present
West Indies Federation:					
Jamaica	5	...	8	...	
St. Kitts-Nevis-Anguilla	*	5	*	6	Dogs
PSITTACOSIS					
Argentina	3	...	2	...	
Canada	6	105	1	19	
United States	147	(2)	113	(6)	Number of flocks affected; poultry
RABIES					
Argentina	20	...	13	229	
Bolivia	9	...	2	...	
Brazil	a 30	462	a 9	492	Cattle, dogs, horses
Canada	-	904	-	318	Domestic and wild animals
Chile	6	274	6	605	Urban rabies
Colombia	b 20	1 011	b 16	839	
Costa Rica	...	24	...	172	Cattle, dogs
Cuba	5	340	3	317	
Dominican Republic	-	...	1	...	
Ecuador	...	...	18	272	

(a) State of Guanabara and capitals of other states. Data for 1960 incomplete.

(b) Reporting area.

TABLE 9. REPORTED CASES OF SELECTED ZONOSSES IN MAN AND ANIMALS,
IN THE AMERICAS, 1959 AND 1960 (continued)

Disease and area	1959		1960		Remarks on cases in animals		
	Man	Animals	Man	Animals			
RABIES (cont.)							
El Salvador	b	3	97	b	3	68	Cattle, dogs
Guatemala		8	117		10	154	Cattle, dogs; confirmed cases
Honduras		6	5		-	68	Cattle, dogs
Mexico		30	65		49	31	Bats, cattle, cats, dogs, goats, pigs
Nicaragua		...	57		1	48	Cattle, cats, dogs
Paraguay		2	57		-	28	Cattle, dogs
Peru	b	8	401	b	11	553	
United States		7	4087		2	3393	All species
Venezuela		14	193		5	181	Cattle, dogs
British Guiana		-	...		5	13	
Canal Zone		-	23		-	20	Bats
French Guiana		...	4		...	...	Cattle; vampire-bat transmitted
Puerto Rico		-	24		-	34	All species
Surinam		-	...		-	...	Bat transmitted
West Indies Federation: Grenada		-	17		-	...	
TRICHINIASIS							
Argentina		12	...		33	...	
Canada		11	-		105	-	Very low incidence in swine; found in wild fauna--bears
Chile		46	515		33	462	Data from slaughterhouses
United States		236	...		160	...	
TRYPANOSOMIASIS							
Argentina		961	...		1209	...	
Bolivia		1	...		1	...	
Brazil	a	16	38	a	-	16	Cattle, equines
El Salvador	b	16	...	b	9	...	
Guatemala		57	-		27	-	
Honduras		-	...		2	...	
Nicaragua		...	2		...	3	
Panama		-	...		1	...	
Uruguay		-	...		5	...	
Venezuela	b	125	35601	b	121	37284	Cattle, equines
British Guiana		*	19		*	1	
Surinam		-	...		-	...	Known to be present
TUBERCULOSIS, BOVINE							
Brazil		...	55		...	31	
Canada		*	...		*	...	Percentage infected, National Eradication Program: 1959, 0.087; 1960, 0.11
Costa Rica		...	-		...	4	
El Salvador		...	83		...	57	Cattle tested: 6,259 in 1959; 5,277 in 1960
Guatemala		...	280		...	154	

(a) State of Guanabara and capitals of other states. Data for 1960 incomplete.

(b) Reporting area.

TABLE 9. REPORTED CASES OF SELECTED ZONOSSES IN MAN AND ANIMALS,
IN THE AMERICAS, 1959 AND 1960 (continued)

Disease and area	1959		1960		Remarks on cases in animals
	Man	Animals	Man	Animals	
TUBERCULOSIS, BOVINE (cont.)					
Mexico	...	12	...	...
Nicaragua	...	...	...	2	
Paraguay	-	991	-	736	Estimated infection, 12%
Peru	...	516	...	421	
United States	...	(7 095)	...	(7 321)	Number of herds affected
Venezuela	...	1 114	...	1 717	Eradication Campaign
Bermuda	...	25	...	47	Dairy cows
British Guiana	...	3	...	1	
Guadeloupe	-	-	-	1	
Netherlands Antilles	...	1	...	-	
Puerto Rico	...	(13)	...	(24)	Number of herds affected
West Indies Federation:					
Jamaica	...	10	...	41	
TULARAEMIA					
Canada	7	...	8	...	In wild animals in certain regions
United States	459	...	390	...	

APPENDIX

TABLE A. ESTIMATED MIDYEAR POPULATION IN THE AMERICAS, 1959 AND 1960
(In thousands)

Area	1959	1960	Area	1959	1960
Argentina	20 614	20 956	British Honduras	90	90
Bolivia	3 416	3 462	Canal Zone	42	42
Brazil	64 216	65 743	Falkland Islands	2	2
Canada	17 442	17 814	French Guiana	31	31
Chile	7 465	7 627	Guadeloupe	264	270
Colombia	13 824	14 132	Martinique	271	277
Costa Rica	1 126	1 171	Netherlands Antilles	195	193
Cuba	6 661	6 797	Puerto Rico	2 347	2 353
Dominican Republic	2 894	3 014	St. Pierre and Miquelon	5	5
Ecuador	4 169	4 298	Surinam	255	270
El Salvador	2 520	2 612	Virgin Islands (U. K.)	7	7
Guatemala	3 652	3 759	Virgin Islands (U. S. A.)	30	32
Haiti	3 464	3 505	West Indies Federation:		
Honduras	1 887	1 950	Antigua	54	54
Mexico	33 304	34 626	Barbados	233	235
Nicaragua	1 424	1 475	Dominica	59	60
Panama	1 024	1 053	Grenada	88	89
Paraguay	1 728	1 768	Jamaica	1 592	1 607
Peru	10 524	10 857	Montserrat	12	12
United States	177 131	179 977	St. Kitts-Nevis-		
Uruguay	2 802	2 900	Anguilla	56	57
Venezuela	6 512	6 709	St. Lucia	85	86
Bahama Islands	103	105	St. Vincent	79	80
Bermuda	44	45	Trinidad and Tobago	814	832
British Guiana	549	566			

Source: Statistical publications of the United Nations; United States Department of Commerce, Bureau of the Census, Current Population Reports.

TABLE B. ESTIMATED POPULATION OF REPORTING AREAS IN FIVE COUNTRIES OF
THE AMERICAS, 1959 AND 1960
(In thousands)

Country	1959	1960	Country	1959	1960
Brazil (a)	10 189	9 861	Peru	5 360	5 592
Colombia	12 586	13 514	Venezuela	3 860	4 006
El Salvador	1 317	1 466			

(a) State of Guanabara and capitals of other states.

I N D E X

	Page		Page
Age distribution of selected diseases	47-57	Leptospirosis	
Amoebiasis	32, 48, 53	in animals	67
by age	48, 53	in man	45, 67
Ankylostomiasis	44	Lymphogranuloma venereum	45
Anthrax		Malaria	20, 21, 43, 51, 56, 57, 63-65
by age	50, 55	by age	51, 56, 57
in animals	66	by major political divisions	20, 21, 63-65
in man	27, 37, 50, 55, 66	Measles	40, 51, 56
Bartonellosis	46	by age	51, 56
Brucellosis		Meningococcal infections	35, 49, 54
by age	48, 53	by age	49, 54
in animals	66	Onchocerciasis (see filariasis)	
in man	27, 28, 32, 48, 53, 66	Pan American Sanitary Code	11
Chagas' disease (see trypanosomiasis)		Paratyphoid fever	31
Chancroid	30, 47, 52	Pinta	45
by age	47, 52	Plague	13, 14, 35, 58
Dengue	45	by major political divisions	13, 14, 58
Diphtheria	34, 49, 54	Poliomyelitis, acute	38, 50, 55
by age	49, 54	by age	50, 55
Dysentery, bacillary, other and unspecified	33, 48, 53	Population	70
by age	48, 53	reporting areas	70
Encephalitis		Psittacosis	
acute infectious	39, 50, 56	in animals (birds)	67
by age	50, 56	in man	45, 67
arthropod-borne		Quarantinable	
in animals	67	diseases	13-17, 35, 37, 39, 40, 42, 51, 56, 58, 59
in man	67	by age	51, 56
Filariasis	46	by major political divisions	13-17, 58, 59
Gonococcal infection	30, 47, 52	Rabies	
by age	47, 52	by age	51, 56
Granuloma inguinale, venereal	45	in animals	28, 67, 68
Hepatitis, infectious	41, 51, 56	in man	28, 41, 51, 56, 67, 68
by age	51, 56	Relapsing fever	14, 37, 58
Hydatid disease		by major political divisions	58
in animals	67	Reporting areas	12, 13, 70
in man	46, 67	Rocky Mountain spotted fever (see typhus, tick-borne)	
Influenza	44, 51, 57	Scarlet fever	33, 48, 54
by age	51, 57	by age	48, 54
International Classification of Diseases	11	Schistosomiasis	46
International Sanitary Regulations	11	Smallpox	14-16, 39, 51, 56, 58
Leishmaniasis	45	by age	51, 56
Leprosy	17-19, 36, 49, 55, 60, 61	by major political divisions	16, 58
by age	49, 55	Syphilis	29, 47, 52
by major political divisions	18, 19, 60, 61	by age	47, 52
		Tetanus	36, 49, 50, 55
		by age	49, 50, 55
		Trachoma	42

I N D E X (continued)

	Page	Page
Trichiniasis		
in animals	68	
in man	46, 68	
Trypanosomiasis		
in animals	68	
in man	45, 46, 68	
Tuberculosis	22-24, 29, 47, 52, 68, 69	
by age	47, 52	
mortality	22, 23	
Tuberculosis, bovine	68, 69	
Tularemia		
in animals	69	
in man	45, 69	
Typhoid fever	24-26, 31, 47, 48, 52, 53	
by age	47, 48, 52, 53	
mortality	24-26	
Typhus, flea-borne (murine)	43	
Typhus, louse-borne	17, 42, 59	
by major political divisions	17, 59	
Typhus, tick-borne		45
Undulant fever (see brucellosis)		
United Nations		12
Verruga peruana (see bartonellosis)		
Whooping cough	21, 22, 34, 49, 54	
by age	49, 54	
Yaws	19, 20, 38, 50, 55, 62	
by age	50, 55	
by major political divisions	19, 20, 62	
Yellow fever	16, 17, 40, 58, 59	
by major political divisions	16, 17, 58, 59	
Zoonoses	12, 26-28, 66-69	
(for specific diseases see names)		