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**REPORTED CASES OF NOTIFIABLE DISEASES  
IN THE AMERICAS  
1963**



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**PAN AMERICAN HEALTH ORGANIZATION**  
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**WORLD HEALTH ORGANIZATION**

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Pan American Sanitary Bureau, Regional Office of the  
**WORLD HEALTH ORGANIZATION**  
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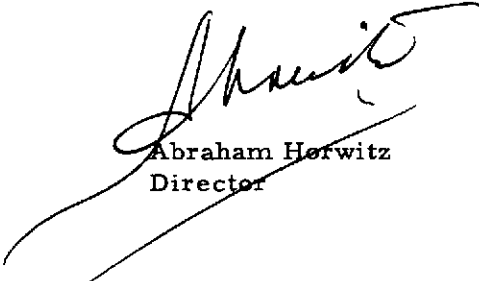
## FOREWORD

As is illustrated by the present series of reports there has been a steady improvement in the Region of local and national reporting systems for the notifiable diseases.

A special impetus to this development has been given by the increasing number of programs for the eradication of certain major communicable diseases such as malaria and smallpox. For the ultimate success of these programs complete and reliable information about the occurrence of the disease concerned is of critical importance. Such information is a prerequisite for effective action at the local and national levels and for coordination of the programs at the regional level.

This report of notifiable diseases in the Americas for 1963 is the third annual publication in this series. Efforts have been made to release the data provided by the health services as promptly as possible and it is hoped that this will increase their value to health officials.

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



Abraham Horwitz  
Director



REPORTED CASES OF NOTIFIABLE DISEASES IN THE AMERICAS, 1963

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EXPLANATION OF SYMBOLS

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



## INTRODUCTION

Many of the communicable diseases occurring in the Americas are common to large parts of the continent and international collaboration is playing an increasing part in the developing of programs for their control or eradication. Considerable importance is therefore attached to the steadily progressing exchange between the countries of the Americas of information on the distribution and characteristics of communicable diseases. The present procedures for the international reporting of such diseases are based on the provisions of the *International Sanitary Regulations* <sup>(1)</sup> and the *Pan American Sanitary Code*.<sup>(2)</sup> A detailed description of the reporting procedures is included in a *Guide for the Reporting of Statistical Information in the Health Field*.<sup>(3)</sup>

This report for the year 1963 is the sixth in a series of publications on reported cases of notifiable diseases in the Americas. The first three publications contained data for the years 1946-1955, 1949-1958 and 1959-1960.<sup>(4)</sup> Beginning with the year 1961 the publications have been prepared annually<sup>(5)</sup> in order to provide the health workers concerned with more current information.

The present report is based mainly on final summary data for 1963 provided by health authorities of the countries in response to a joint annual questionnaire from the Pan American Health Organization and

Headquarters of the World Health Organization. Provisional returns received through monthly reporting procedures have been used in a few instances in which it was not possible to obtain final data for 1963.

The data received by the Pan American Health Organization are derived from the national systems for reporting of communicable diseases. These systems differ in the diseases included and in the degree of completeness of reporting. The quarantinable diseases, viz. cholera, plague, louse-borne relapsing fever, smallpox, louse-borne typhus and yellow fever are notifiable in all countries by international agreement. In addition a number of other communicable diseases are declared notifiable by national laws or regulations. The list of such notifiable diseases varies among countries.

Data on deaths may contribute materially to an understanding of the epidemiology of many communicable diseases. Beginning with the report for 1961 data derived from national death registration systems have therefore been included whenever available.

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

- 
- (1) *International Sanitary Regulations*, Second Annotated Edition, WHO, 1961
  - (2) *Pan American Sanitary Code*, included in Official Documents No. 47, PASB, 1963
  - (3) *Guide for the Reporting of Statistical Information in the Health Field*, PASB Misc. Pub. No. 78, 1964
  - (4) *Reported Cases of Notifiable Diseases in the Americas, 1946-1955*, PASB Sc. Pub. No. 38  
*Reported Cases of Notifiable Diseases in the Americas, 1949-1958*, PASB Sc. Pub. No. 48  
*Reported Cases of Notifiable Diseases in the Americas, 1959-1960*, PASB Sc. Pub. No. 58
  - (5) *Reported Cases of Notifiable Diseases in the Americas, 1961*, PASB Sc. Pub. No. 86  
*Reported Cases of Notifiable Diseases in the Americas, 1962*, PASB Sc. Pub. No. 102

## ORGANIZATION OF REPORT

The available data for each country and territory in the Region of the Americas are presented in seven main tables (I-VII). In Tables I and II are shown the total numbers of reported cases of notifiable diseases with rates per 100,000 population. For comparison the corresponding numbers of cases reported for 1962 and the medians for the five-year period 1958-1962 are given. When data are not available for every year of this period, medians are based on fewer years in the period, that is, either four or three years.

In Table III, distributions of reported cases by month of occurrence are shown for selected diseases. The age distributions of reported cases of some diseases appear in Table IV. The occurrence of the quarantinable diseases and of leprosy, malaria and yaws is presented by major political divisions of each country in Table V. Table VI includes data on cases of zoonoses in man and animals. Numbers of registered deaths from notifiable diseases in 1963 are given in Table VII.

Two appendix tables provide population figures for 1963. Estimated midyear populations for all countries and territories of the Americas are shown in Appendix

Table A; these estimates are based on published figures of the United Nations. Table B gives estimated populations of reporting areas in six countries, as provided by the national health authorities.

A short analysis of the occurrence of selected diseases in the Region is given in the Introduction. This analysis is illustrated by Summary Tables 1-8 and Figures 1-9. In one section of the analysis data are presented for purposes of comparison for three regions of the Americas, Northern, Middle and South. Northern America includes Canada, the United States, Bermuda and St. Pierre and Miquelon. Middle America comprises Mexico, Central America, Panama and the Caribbean Islands. The countries and territories of South America and the Falkland Islands make up the third region. This division into three regions is in accordance with that used by the United Nations, except that Greenland being a part of the European Region of WHO is excluded.

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

## COMPLETENESS OF REPORTING

Data on reported cases of notifiable diseases may be affected by a number of factors and these must be considered in any evaluation. Incomplete reporting is one such factor. Completeness of reporting varies markedly both among and within countries depending among other things on the adequacy of local and national reporting procedures, the availability of medical attention and the stress and value placed on reporting of individual diseases. Underreporting tends to be substantial where medical personnel and

facilities are relatively scarce and travel and communication difficult as is the case in many rural areas in the Americas.

The operation of special programs or campaigns for the control or eradication may initially lead to a substantial increase in the number of cases reported. In the interpretation of the time trend of many diseases, for instance malaria, this possibility must be kept in mind. The time trend may reflect not only changes in incidence

of a disease but also changes in the completeness with which cases are recognized and reported.

For some diseases differences in reported occurrence are attributable to variations in the criteria for diagnosis or in the definition of cases.

An understanding of local and nation-

## REPORTING AREAS

In some countries of the Americas reports on notifiable diseases other than the quarantinable ones are limited to a "reporting area". The reporting area may consist of those localities in which health services are available or of selected communities meeting certain requirements as to adequacy of reporting (communities reporting for every month of the year for instance). In 1963 there were five countries with reporting areas: Colombia, Honduras, Paraguay, Peru and Venezuela.

Population estimates for the reporting areas of these countries are given in Appendix Table B. The proportion of the total population included in the reporting areas in 1962 and 1963 is shown in Table I.

These proportions changed relatively little from 1962 to 1963. El Salvador for the first time in 1963 reported cases for the entire country; in previous years the data were

al programs is required to assess the possible effect of various factors on the data reported. For diseases with an appreciable case fatality some estimate of the degree of underreporting may be obtained by comparing the numbers of reported cases and registered deaths. Excessive ratios of deaths to cases are common in areas with substantial underreporting.

Table 1. Percentage of Population Included in Reporting Areas of Six Countries of the Americas, 1962 and 1963

Country	1962	1963
Colombia	92	94
El Salvador	58	.
Honduras	49	49
Paraguay	66	58
Peru	49	44
Venezuela	67	68

limited to a reporting area including about half the population.

Malaria is reported for the entire country in Honduras, Paraguay, Peru and Venezuela. In Peru and Venezuela rabies is also reported on a nationwide basis.

## QUARANTINABLE DISEASES

By international agreement prompt reporting is required of all cases of the quarantinable diseases. In the Americas reports are made directly by national health services to both the Pan American Sanitary Bureau and Headquarters of the World Health Organization.

Five of the six quarantinable diseases viz. plague, louse-borne relapsing fever, smallpox, louse-borne typhus and yellow

fever occur in the Americas; the sixth, cholera, has not been present since 1911. In recent years louse-borne relapsing fever has occurred only sporadically in the Region and in 1963 no case of this disease was reported. The total number of cases of each quarantinable disease reported in the Americas during the last ten years is given in Table 2. The distribution by country of the cases reported in 1962 and 1963 is shown in Table 3.

Table 2. Reported Cases of Quarantinable Diseases in the Americas, 1954-1963

Year	Plague	Relapsing fever, louse-borne	Small-pox	Typhus, louse-borne	Yellow fever
1954	171	3	11 979	3 104	95
1955	87	38	8 348	1 545	39
1956	115	-	6 389	1 089	28
1957	154	-	6 220	747	80
1958	97	6	4 343	818	61
1959	93	10	4 763	659	30
1960	258	4	5 158	668	34
1961	308	1	8 175	474	82
1962	527	3	7 858	557	52
1963	423	-	6 431	465	141

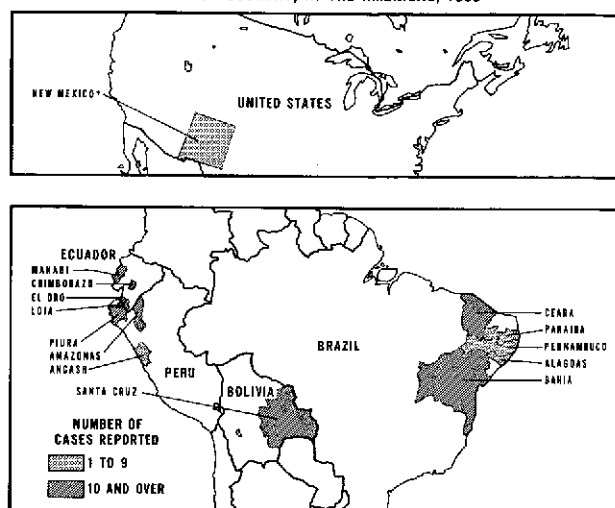
### a. Plague

The steady increase in reported cases which began in 1960 was interrupted in 1963, the annual total decreasing from 527 in 1962 to 423 in 1963. As in previous years plague remained centered principally in four South American countries: Bolivia,

Brazil, Peru and Ecuador (Figure 1). The decrease in 1963 occurred largely in Manabi Province, Ecuador, where 144 cases were reported as against 241 in 1962, and in the northern departments of Peru. Six cases occurred in Ancash Department, Peru, where plague had not been reported since

Figure 1

REPORTED CASES OF PLAGUE BY MAJOR POLITICAL DIVISIONS OF EACH COUNTRY, IN THE AMERICAS, 1963



\* INFECTED IN ARIZONA STATE

Table 3. Reported Cases of Quarantinable Diseases by Country, in the Americas, 1962 and 1963

Area	1962					1963			
	Plague	Relapsing fever, louse-borne	Small-pox	Typhus, louse-borne	Yellow fever	Plague	Small-pox	Typhus, louse-borne	Yellow fever
Total	527	3	7 858	557	52	423	6 431	465	141
Argentina	-	-	a) 2	-	-	-	-	-	-
Bolivia	-	-	-	1	-	53	-	141	81
Brazil	36	-	7 589	-	1	39	5 516	-	-
Canada	-	-	i) 1	-	-	-	-	-	-
Chile	-	-	-	3	-	-	-	11	-
Colombia	-	-	41	-	30	-	4	2	10
Ecuador	326	-	204	493	-	258	45	259	-
Mexico	-	3	-	3	-	-	-	39	-
Peru	164	-	-	57	20	72	865	13	49
United States	-	-	-	-	-	1	-	-	-
Uruguay	-	-	b) 10	-	-	-	i) 1	-	-
Venezuela	1	-	11	-	1	-	-	-	1

(a) Including one imported case.

(b) Including two imported cases.

(i) Imported.

1958. The 53 cases notified in Bolivia all occurred in an outbreak in an area of Santa Cruz Department; this department had been free of plague since 1960. In Brazil 39 cases were reported mainly in the Northeastern States. A single case occurring in the United States in New Mexico was infected in Arizona.

### b. Smallpox

In Brazil revised totals for smallpox were reported for the years 1961, 1962 and 1963. These revisions were the result of special efforts to assemble data for additional areas including both state capitals and areas outside the capitals. The revised number of cases for 1963 was 5,516 while the new totals for 1961 and 1962 came to 7,656 and 7,589 cases respectively.

Brazil accounted for about 85 per cent of all notifications of smallpox in the Americas in 1963. Another 13.5 per cent were contributed by Peru. A retrospective investigation disclosed an epidemic in the Amazon region of Peru in 1963 and 865 cases were reported for that country which had been free of smallpox since the completion of a vaccination campaign in 1954.

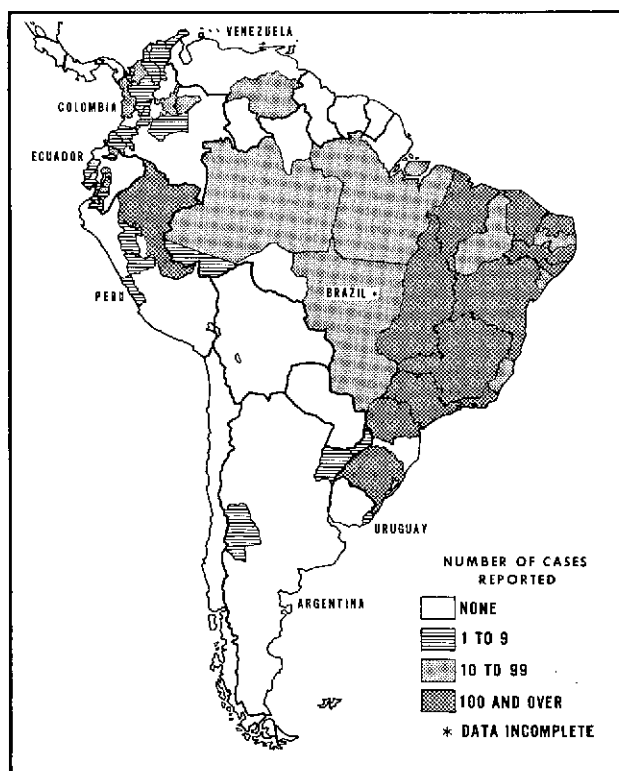
The retrospective investigation was initiated in Peru in December 1963 when four confirmed cases including two secondary cases were reported in hospitals in Lima. The two primary cases had contracted the disease in the Amazon region, one in Iquitos and the other in Pucallpa. Analysis of available records in the City of Iquitos showed that 861 cases of a febrile-eruptive syndrome chiefly of a pustular type had been observed in April-December 1963. The overall fatality rate for these cases was 7 per cent. For 104 cases who had been hospitalized the fatality rate reached 19 per cent. Initially these cases were diagnosed as chickenpox. On review the clinical symptoms were considered to be those of smallpox. During 1964 preliminary field studies revealed the presence of smallpox in different localities throughout much of the Peruvian Amazon region. It was concluded that a large-scale epidemic seemed to have started in Loreto Department in 1961 or possibly even earlier

The only other countries in the Americas reporting non-imported smallpox in 1963 were Colombia (4 cases), and Ecuador (45 cases). In both countries there has been a steady decrease in cases reflecting the effect of extensive vaccination programs. A single imported case was notified in Uruguay.

The concentration of cases of smallpox in Brazil and adjoining regions of Peru is illustrated in the map in Figure 2 which is based on notifications for the three years 1962-1964. Other countries affected during this period were Ecuador and Colombia and to a lesser extent Venezuela and Uruguay.

Figure 2

REPORTED CASES OF SMALLPOX BY MAJOR POLITICAL DIVISIONS OF EACH COUNTRY IN THE AMERICAS. THREE-YEAR PERIOD 1962-1964



Note: Excluding imported cases (Argentina 11, Canada 1, Uruguay 6).  
No cases were reported in the countries not shown in this map.

### c. Louse-borne Typhus

The general downward trend of this disease continued in 1963. During the year 465 cases were notified as compared to 557 in 1962 and 818 in 1958. The disease re-

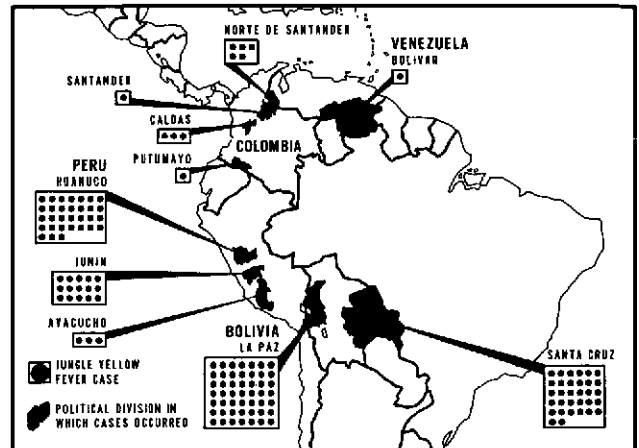
mained limited to the mountainous areas of Mexico and the Andean region of South America. A substantial increase in cases occurred in Bolivia, and Colombia reported cases for the first time since 1960.

#### d. Jungle Yellow Fever

In 1963 jungle yellow fever was reported in four countries in north and central parts of South America: Bolivia, Colombia, Peru and Venezuela (Figure 3). The total number of cases reported was markedly higher than in 1962, 141 as compared to 52. Outbreaks in jungle areas of Bolivia and Peru accounted for this increase. In Bolivia 49 cases were reported in La Paz Department and 32 cases in Santa Cruz Department. In Peru the outbreak in Huanuco Department which began in 1960 continued with 31 cases in 1963. In addition 3 cases were reported from Ayacucho Department and 15 from Junin Department. There was a reduction in reported cases in Colombia where ten cases were notified in three depart-

Figure 3

REPORTED CASES OF JUNGLE YELLOW FEVER BY MAJOR POLITICAL DIVISIONS OF EACH COUNTRY, AND LOCATION, IN THE AMERICAS, 1963



ments in 1963; in 1962 there were 30 cases distributed over large parts of the country. A single case occurred in Bolivar State, Venezuela, in December 1963; it was followed by two more cases in January 1964.

## ARTHROPOD-BORNE VIRAL DISEASES

Activity of several of the arthropod-borne viruses was reported in the Americas in 1963 including widespread outbreaks of dengue in the Caribbean Islands and of encephalitis in Venezuela.

#### a. Dengue

A series of outbreaks of dengue started in the Caribbean region in 1963 and continued into 1964. Jamaica, Puerto Rico, Martinique, Curaçao and Antigua were affected in 1963 and in the first half of 1964 the disease appeared in Anguilla, Dominica and five States of Venezuela.

Dengue is principally transmitted by the *Aedes aegypti* mosquito, which is also the of urban vector yellow fever. Campaigns aimed at the eradication of this vector have been conducted in the Americas with considerable success. In many parts of the Caribbean area, however, the vector has developed resistance to DDT and other chlorinated in-

secticides and the outbreaks of dengue in 1963 coincided with the interruption of eradication campaigns and increasing prevalence of the vector in this area. In the years preceding these outbreaks dengue was never entirely absent from the Caribbean region. In the Dominican Republic *Aedes aegypti* infestation as well as cases of dengue have been reported for many years and the disease is considered endemic in this country. In Venezuela dengue was notified in each of the years 1947-1960 but not in 1961-1963. The disease was also reported repeatedly from St. Kitts-Nevis and Anguilla - in 1951, 1952 and 1956. There were no further cases in these islands until the outbreak in 1964 in Anguilla. The islands of St. Kitts and Nevis have been free of *Aedes aegypti* since 1959.

The status of the *Aedes aegypti* eradication campaigns in the Caribbean area at the end of 1963 is shown in Figure 4 and the outbreaks of dengue in 1963 and 1964 in Figure 5.

Figure 4

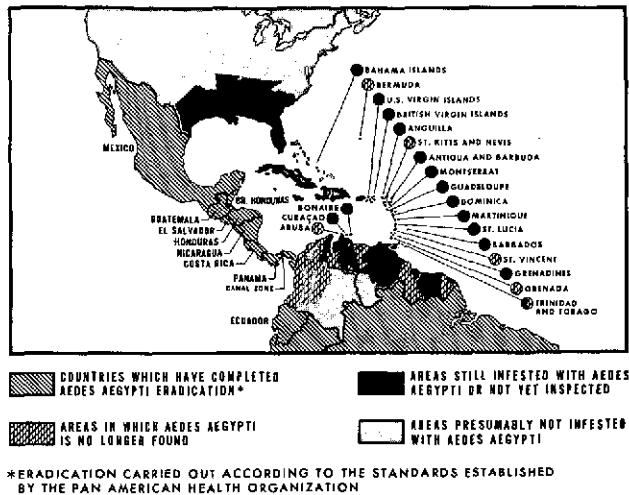
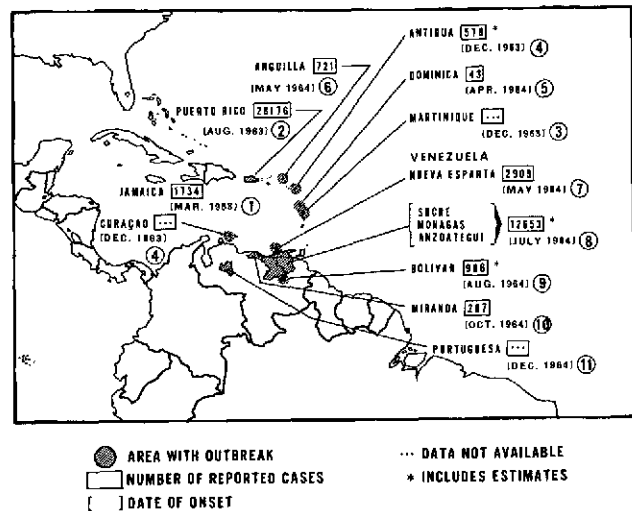
**STATUS OF THE Aedes Aegypti ERADICATION CAMPAIGN  
IN THE CARIBBEAN AREA, DECEMBER 1963**


Figure 5

**EPIDEMICS OF DENGUE IN THE CARIBBEAN AREA, 1963 AND 1964**


The first outbreak of dengue in 1963 occurred in Jamaica. Starting in Spanish Town in March the epidemic spread throughout the island reaching its peak in July-October. A total of 1578 cases was reported to the end of the year. Owing to the mild character of the disease reporting was incomplete. According to a survey conducted in the Kingston-St. Andrews area the attack rate was 2.6 per cent in July.

In August dengue appeared on the northcentral coast of Puerto Rico. An epidemic developed which swept around the island in a clockwise direction reaching the western coast in January 1964. Reported cases totalled 24,453 in 1963 with a maximum incidence in September-November. A survey in the town of Guaynabo showed an attack rate of about 36 per cent for the period August to mid-November.

During December outbreaks of dengue occurred on the islands of Antigua, Curaçao and Martinique, situated in widely separated sectors of the Caribbean. The number of cases in Curaçao and Martinique is not known; for the latter island the attack rate was estimated at about 2-3 per cent.

**b. Arthropod-borne Encephalitis**

During 1963 outbreaks of arthropod-borne viral encephalitis were reported from Canada, the United States and Venezuela. Data on these outbreaks are summarized in Table 4.

In Venezuela a series of major outbreaks due to Venezuelan equine encephalitis started in May in Zulia State which had suffered a severe epidemic the previous year. The outbreaks spread eastward across the country reaching Sucre State in August. A total of 7,198 cases were reported from rural areas in eleven states. It is believed that the disease had long been endemic in most of these rural areas but had not been reported because of its generally mild non-specific symptoms. In addition to the human cases, 1,133 cases in equines were reported in 1963.

Across the border from Zulia State in the Commissary of La Guajira, Colombia, a marked concentration of cases of acute infectious encephalitis was observed in October. This area had been the site of an intense outbreak of Venezuelan equine encephalitis the previous year. Further details

of the cases reported in 1963 are not available but the possibility that they were due to arthropod-borne encephalitis cannot be excluded.

An outbreak of Western equine encephalitis occurred in the Province of Saskatchewan, Canada, in August-October. Thirty-eight confirmed human cases and 279 cases with 47 deaths in horses were reported.

Table 4. Cases of Arthropod-Borne Encephalitis Reported in Outbreaks in the Americas, 1963

Area	Begin-ning of outbreak	End of out-break	Number	
			Cases	Deaths
Canada (a) Province: Saskatchewan	20/VIII	31/X	38	3
United States State: Texas (b)	1/VII	15/X	45	-
Venezuela (c) States:				
Zulia	18/V	9/XI	762	5
Trujillo	16/VI	5/VIII	428	-
Cojedes	19/VII	23/VIII	13	3
Miranda	15/VIII	5/X	572	2
Portuguesa	25/VIII	21/IX	384	1
Falcon	18/VIII	2/XI	133	1
Aragua	19/VIII	8/IX	205	4
Yaracuy	2/IX	2/XI	1317	5
Sucre	25/VIII	28/XII	2447	9
Anzoátegui	1/IX	2/XI	527	8
Guarico	14/IX	9/XI	410	11

- (a) 36 cases confirmed serologically, 2 by virus isolation. Reported equine cases: 279 with 47 deaths.
- (b) Hale county and adjacent counties; 41 cases classified serologically as Western equine encephalitis, 4 as St. Louis encephalitis. Reported equine cases: 33.
- (c) Venezuelan equine encephalitis diagnosed serologically and by virus isolation. Reported equine cases: 1, 133.

In the United States a single outbreak of arthropod-borne encephalitis was reported in Hale County and neighboring counties, Texas State, in July-October. During the outbreak more than 70 clinical cases were notified of which 41 were classified serologically as Western equine encephalitis. Among horses in the epidemic area 33 suspect cases were recorded.

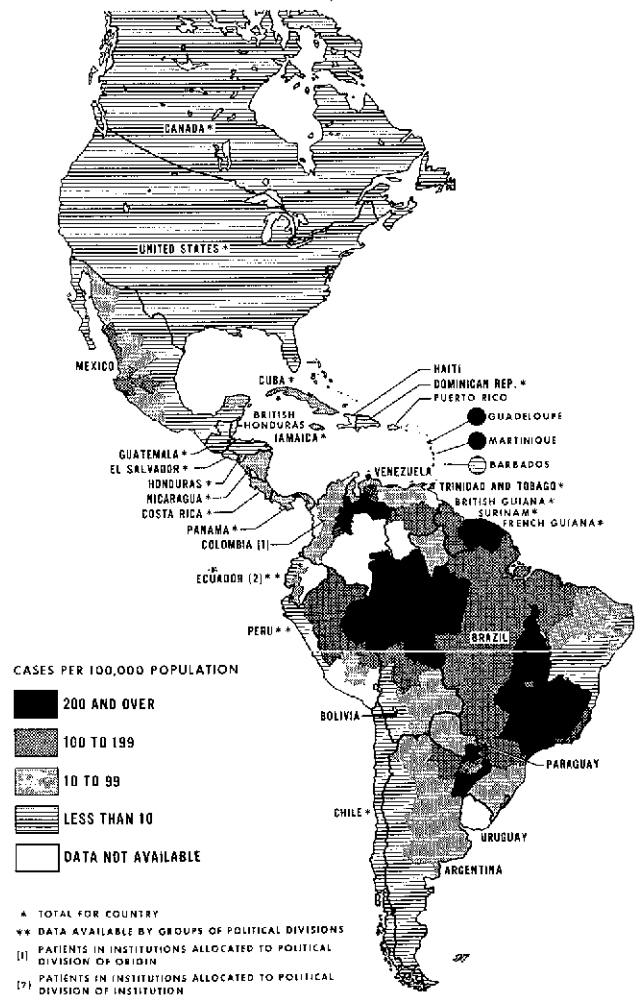
## LEPROSY

Leprosy is present and reported in almost all countries and other areas of the Americas. In some areas of Middle America and in large parts of South America the disease is highly prevalent, constituting an important health problem.

In the map in Figure 6 the recorded prevalence of leprosy is shown by country and for the larger countries by major political divisions. The map is based mainly on data derived from national and local case registers. These data must be considered incomplete. In many areas, particularly the more remote rural areas, case-finding is in its initial stages and the known cases

Figure 6

PREVALENCE OF LEPROSY BY MAJOR POLITICAL DIVISIONS OF EACH COUNTRY IN THE AMERICAS, 1962 OR 1963





may represent only a fraction of the total. Deficiencies in the registration systems are another source of error.

As shown by the map the high prevalence rates, exceeding 100 cases per 100,000 population are largely concentrated in an area covering most of Brazil and parts of the neighboring countries. In several political divisions within this almost continuous area prevalence rates exceeding 400 cases per 100,000 population have been recorded. A limited area of relatively high prevalence is also observed in Middle America in the western part of Mexico.

At the end of 1963 there were over 167,000 cases on the active registers in 18

countries of Middle and South America. Information on these cases is summarized in Table 5. Only somewhat more than half of the registered cases were subject to periodic surveillance. Of the cases with clinical form reported, 45.4 per cent were classified as "lepromatous leprosy" the most infectious form of the disease. For some countries the clinical classification is reported separately for cases under surveillance and cases without surveillance. Thus in Paraguay, lepromatous leprosy was the diagnosis in 56.2 per cent of the cases under surveillance and in 23.8 per cent of those without surveillance. In Venezuela the corresponding figures were 44.7 and 38.5 per cent. It would seem that a substantial proportion

Table 5. Summary of Registered Cases of Leprosy in Eighteen Countries of the Americas, December 1963

Country	Cases in the active register			Sex		Clinical form				Contacts		
	Total	Under surveillance	Without surveillance	Male	Female	Lepromatous	Tuberculoïd	Indeterminate	Others	Total	Under surveillance	Without surveillance
Total	a)167038	89861	75277	13652	7845	15762	10064	7019	1808	262818	118525	144293
Percent	100.0	54.4	45.6	63.5	36.5	45.4	29.0	20.2	5.4	100.0	45.0	55.0
Argentina (b)	11447	3928	7519	...	...	...	...	...	...	...	...	...
Pilot program (c)	d)3048	d)1676	d)1372	939	737	744	509	378	45	8813	-	8813
Brazil (e)	103235	47167	56068	...	...	...	...	...	...	164382	73290	91092
Colombia (f)	14424	13330	1094	...	...	...	...	...	...	...	...	...
Costa Rica (f)	640	458	182	306	177	262	86	131	4	3093	2598	495
Cuba	4711	3473	1238	2972	1401	1832	667	516	460	...	...	...
Dominican Republic	139	134	5	...	...	...	...	...	...	...	...	...
Ecuador	561	561	-	215	345	104	41	82	334	2139	2139	-
El Salvador	210	143	67	...	...	...	...	...	...	659	227	432
Guatemala	140	104	36	92	48	63	42	27	8	585	231	354
Honduras	152	81	71	100	52	27	69	56	-	1307	152	1155
Jamaica	528	...	...	...	...	...	...	...	...	...	...	...
Mexico	10262	6906	3356	...	...	5039	2729	2358	136	...	...	...
Nicaragua (f)	223	169	54	109	62	84	105	24	10	1091	254	837
Panama	185	136	49	123	62	56	81	4	44	475	372	103
Paraguay (g)	3616	2428	1188	...	...	1801	1111	777	50	14464	1774	12690
Peru (g)	2808	1438	1370	...	...	...	...	...	...	12747	1812	10935
Trinidad and Tobago	1372	...	...	749	623	398	880	53	41	...	...	...
Venezuela	12385	9405	2980	8047	4338	5352	3744	2613	676	53063	26863	26200

(a) Includes data for Jamaica and Trinidad and Tobago not included in the subgroups.

(b) All the country.

(c) Provinces of Entre Rios, Misiones, and Tucuman, and Buenos Aires City.

(d) Included in preceding line, therefore not added to the totals.

(e) Data as of 30 September 1963.

(f) Incomplete data. (g) Data as of 31 December 1962.

of the cases without surveillance may be lepromatous. A definite excess in registered cases among males is observed in all but one of the 10 countries for which data by sex are available. Of the patients whose age is known 7.2 per cent were under 15 years of age; by country this proportion ranged from 11 to 1.8 per cent.

Twelve countries reported 262,818 registered contacts of whom 118,525 or 45 per cent were subject to periodic surveillance. In the same countries there were 127,203 registered cases. The number of contacts under surveillance per registered case was thus less than one. By country this ratio ranged from 0.5 to 4.1. This indicates that only a limited proportion of the

close contacts, a group with a relatively high risk of developing leprosy, are subject to periodic surveillance.

The total number of newly reported cases in the Americas for 1963 was 4,085. For 1962 the total reported cases were 3,229. Prior to 1962 close to 10,000 cases were notified each year. The reason for the low totals for 1962 and 1963 is that no data were available for Brazil in 1962 and only incomplete data in 1963. This country contributed about two-thirds of the cases reported annually in the Americas prior to 1962. Excluding Brazil, the number of reported cases per 100,000 population was highest in 1963 in French Guiana (222.9), Surinam (62.8), Paraguay (38.6) and Guadeloupe (19.2).

## MALARIA

The campaign to eradicate malaria from the hemisphere made further progress during 1963, with many national eradication programs achieving such low levels of malaria prevalence in parts of their originally malarious area that these could be placed in the consolidation phase. In this phase no anti-malarial measures are taken on a mass scale but intense surveillance is maintained to discover and eliminate any residual foci of malaria. Areas in eleven countries, with populations totalling eight million persons, were added during 1963 to those already in this phase.

The territory in which eradication of malaria is claimed was also augmented during 1963 by the addition of new areas in Venezuela, of the last remaining part of the originally malarious area of Guadeloupe and of the first areas to be placed in maintenance in Peru.

There were also difficulties in some countries. In Central America and part of Mexico, the problem areas already delineated in which the vector, *A. albimanus*, is resistant both to dieldrin and to DDT increased only slightly, but within them little progress was made; alternative and supplementary methods of attacking malaria transmission are considerably more costly to

implement than the classic attack of semi-annual intradomiciliary spraying with DDT, and funds were not available to finance adequate campaigns. Financial troubles interrupted or limited operations in a number of other national campaigns as well - Bolivia, Honduras, Peru, Argentina and others.

A technical problem of a different nature handicapped the campaign in British Guiana, where a strain of *Plasmodium falciparum* resistant to chloroquine, which has been found in a district in the interior, has reduced the effectiveness of the medicated-salt program in operation and motivated a resumption of DDT spraying in the localities affected.

In Table 6 data for 1962 and 1963 on reported cases and on blood smears found positive by the national malaria eradication services are presented country by country. For several countries marked differences are observed between the two kinds of data. In those instances where the number of positive smears (confirmed cases) substantially exceeds that of reported cases insufficient coordination of the malaria eradication service with the reporting system of the general health services may be the cause. In some countries the opposite is observed,

notified cases of malaria exceeding the number of positive slides. This indicates that part of the cases notified are based on clinical diagnosis not confirmed by a blood-smear.

A considerable excess of positive slides over notified cases is observed for Bolivia. While the number of cases reported fell between 1962 and 1963 the number of

Table 6. Reported Cases of Malaria and Blood Smears Found Positive by Malaria Eradication Services in Countries and Other Areas of the Americas, 1962 and 1963

Country	Reported cases		Positive slides	
	1962	1963	1962	1963
Argentina	4 501	825	4 708	845
Bolivia	315	215	1 110	2 345
Brazil (a)	72 060	111 417	72 060	111 417
Colombia (b)	21 245	16 226	17 497	17 898
Costa Rica (a)	1 583	1 224	1 583	1 228
Cuba (a)	3 519	833	3 515	833
Dominican Republic	10 160	8 027	548	386
Ecuador (a)	5 557	3 857	5 531	3 857
El Salvador (a)	15 433	17 846	15 433	17 846
Guatemala	5 563	15 116	5 996	15 116
Haiti	36 564	21 569	4 033	6 662
Honduras (b)	6 750	7 077	5 750	7 077
Jamaica	5	6	2	3
Mexico	13 781	11 267	14 279	16 741
Nicaragua (a)	11 359	11 700	11 359	11 559
Panama	3 871	2 426	3 249	2 670
Paraguay (a)	5 755	3 491	5 766	3 443
Peru	2 195	1 743	2 197	1 721
Venezuela (a, c)	898	2 390	1 210	2 853
British Guiana	355	495	444	476
British Honduras (a)	20	17	20	17
French Guiana	25	103	70	70
Surinam (a)	716	1 882	716	1 882

(a) Confirmed cases.

(b) Reporting area.

(c) Excluding 463 cases acquired outside the country.

positive slides increased. Clearly a large part of the positive cases detected by the eradication service are not included in the returns of the notifiable disease reporting system.

The data for Argentina, Costa Rica, Cuba, Panama and Peru indicate progress in reducing malaria: both reported cases and positive smears have decreased in number. The same is true for the Dominican Republic. In this country, however, the number of reported cases substantially exceeds that of positive smears.

In some instances the changes in reported cases and positive slides may not reflect changes in the frequency of malaria. In three countries in which only cases confirmed by positive slides are reported, Brazil, El Salvador and Surinam, apparent increases in malaria are observed during 1963. However, these may be due to the intensified case-finding activities of the eradication services in these countries. In Brazil and El Salvador in fact the proportion positive among the total number of slides examined decreased. Similarly the fall in malaria in Ecuador may be related in part to the reduced search for cases in the eradication program in that country.

In many areas of the Americas the malaria eradication campaigns are approaching their final phases and efforts are being made to integrate the eradication services with the general health services. An important objective of such integration is the development of a common system for the detection and reporting of the remaining cases. As the number of cases decreases their detection and reporting becomes increasingly important.

## TUBERCULOSIS

The increased emphasis given to programs for the control of tuberculosis in Latin America has so far been reflected chiefly in the mortality from the disease. Reductions in the number of reported cases have been relatively moderate. One reason for this may be the more complete reporting resulting from intensified case finding.

Available data on the changes in tuberculosis mortality and morbidity in the Americas during the decade 1953-1962 are presented in Table 7, separately for Northern America, Middle America and a group of four countries in South America. There were marked reductions in deaths from tuberculosis between 1953 and 1962 ranging

Table 7. Reported Cases and Deaths from Tuberculosis with Rates per 100,000 Population in the Three Regions of the Americas, 1953 and 1962

Region	Cases				Deaths				Reported cases per death (a)	
	Number		Rate		Number		Rate		1953	1962
	1953	1962	1953	1962	1953	1962	1953	1962		
Northern America	94 038	59 599	54.1	29.1	21 568	10 291	12.4	5.0	4.4	5.8
Middle America	20 865	28 712	55.2	57.8	12 493	12 608	32.1	24.8	1.7	2.3
South America	41 267	47 728	230.5	188.6	8 729	8 954	42.3	32.0	5.4	5.9

Note: Data refer to 2 countries in Northern America, 6 countries and 7 other areas in Middle America, and 4 countries in South America.

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

from 60 per cent in Northern America to about 25 per cent in the two other regions. Somewhat smaller declines in reported cases occurred in Northern America and South America; in Middle America reported cases showed a slight upward trend. The levels of morbidity and mortality in Latin America are high compared with those in Northern America. In 1962 both registered deaths and reported cases per 100,000 population were six times higher in South America. In Middle America registered deaths were about five times higher whereas reported cases were only twice as high. These relationships are illustrated by the ratio of reported cases to registered deaths, which is almost the same in Northern and South America - namely 5.8 and 5.9 respectively. In contrast in Middle America it is only 2.3. This low ratio points to substantial underreporting in this Region.

In 1962 registered deaths in the countries of the Americas ranged from 4.2 per 100,000 population in Canada to 72.1 in Peru (Table 8). Six Latin American countries had death rates exceeding 25 per 100,000. The number of cases reported by countries in 1963 varied from 445.7 per 100,000 population in Peru to 28.7 in the United States 22.3 in Nicaragua and 18.4 in Jamaica (Table I). There were eight countries, five in South America and three in Middle America, reporting over 100 cases per 100,000 population. Among the areas of the Americas other than the countries the range of death rates was from 2 to 31 and that of reported case rates from 2 to 230.

Table 8. Deaths from Tuberculosis, All Forms (001-019), with Rates per 100,000 Population in Countries of the Americas, 1962

Country	Number	Rate
Brazil (a)	2 814	20.3
Canada	785	4.2
Chile	3 906	48.6
Colombia	4 260	28.8
Costa Rica	151	11.9
Dominican Republic	354	11.0
El Salvador	373	14.2
Guatemala	1 261	31.1
Haiti (b)	25	...
Honduras	271	13.8
Jamaica (c)	143	8.7
Mexico	9 811	26.4
Nicaragua	128	8.5
Panama	252	22.0
Paraguay (d)	275	29.6
Peru (e)	3 164	72.1
Trinidad and Tobago	48	5.4
United States	9 506	5.1
Uruguay (f)	449	15.6
Venezuela	1 255	15.9

(a) State of São Paulo.

(b) Hospital deaths.

(c) Medically certified deaths; data for 1961.

(d) Area of information.

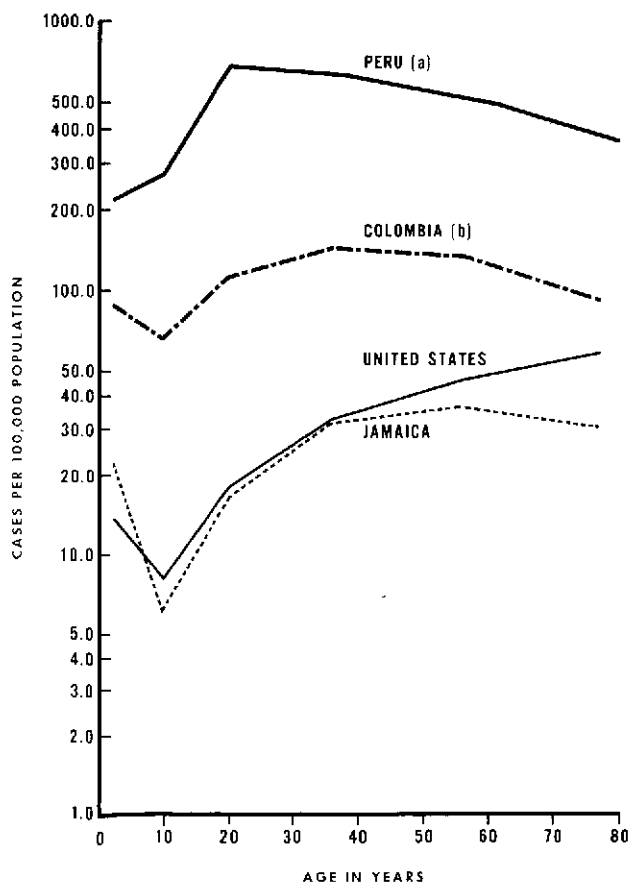
(e) Districts with medical certification.

(f) Data for 1961.

A comparison by age groups of annual reported case rates for 1961-1963 in four selected countries is presented in Figure 7. The curves for case rates for the two South American countries, Peru and Colombia, run far above those for the United States and Jamaica at all ages. The greatest differences between the two upper curves and the two lower ones are observed under 35 years of age and the smallest over 45 years. In Peru the age specific rates are highest at ages 15-24 years, in Colombia at ages 25-44 years, and in Jamaica at ages 45-64 years while in the United States they reach their maximum only in the oldest age group. It would appear that the higher incidence of reported cases in Latin American countries compared with the United States or Jamaica

Figure 7

AVERAGE ANNUAL REPORTED CASES OF TUBERCULOSIS PER 100,000 POPULATION BY AGE IN FOUR COUNTRIES OF THE AMERICAS, 1961-1963



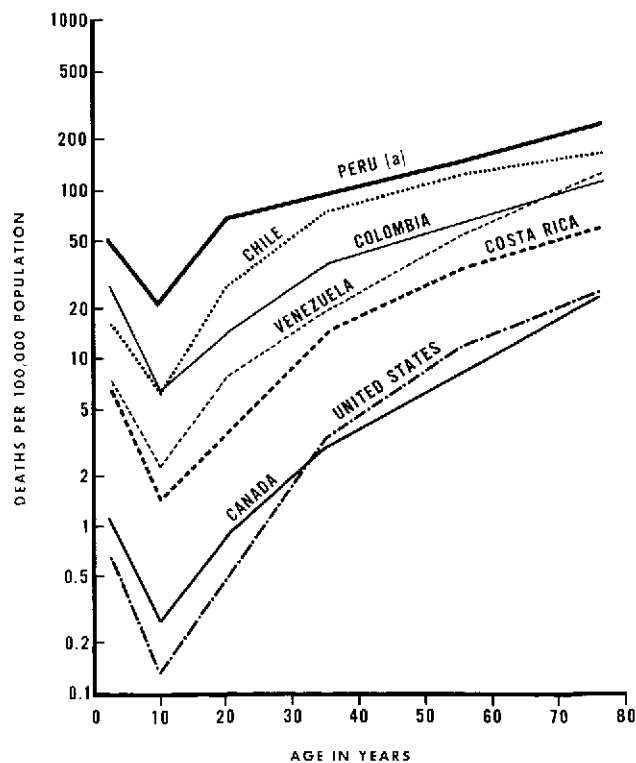
(a) Reporting area (b) Reporting area; 1960-1962 average

reflects, in part, relatively high infection rates at younger ages.

Annual death rates by age groups for 1960-1962 are shown in Figure 8 for seven selected countries. The mortality curves present a relatively uniform pattern with a minimum at ages 5-14 followed by a continuous increase. The death rates of the Latin American countries are higher at all ages than those of the United States and Canada with the greatest differences occurring in the younger age groups. A comparison of Peru and Colombia with the United States reveals differences in death rates far exceeding those observed in reported case rates, the excess being most marked at younger ages. This may point to under-reporting of cases as well as higher case fatality rates in the Latin American countries.

Figure 8

AVERAGE ANNUAL DEATHS FROM TUBERCULOSIS PER 100,000 POPULATION BY AGE, IN SEVEN COUNTRIES OF THE AMERICAS, 1960-1962



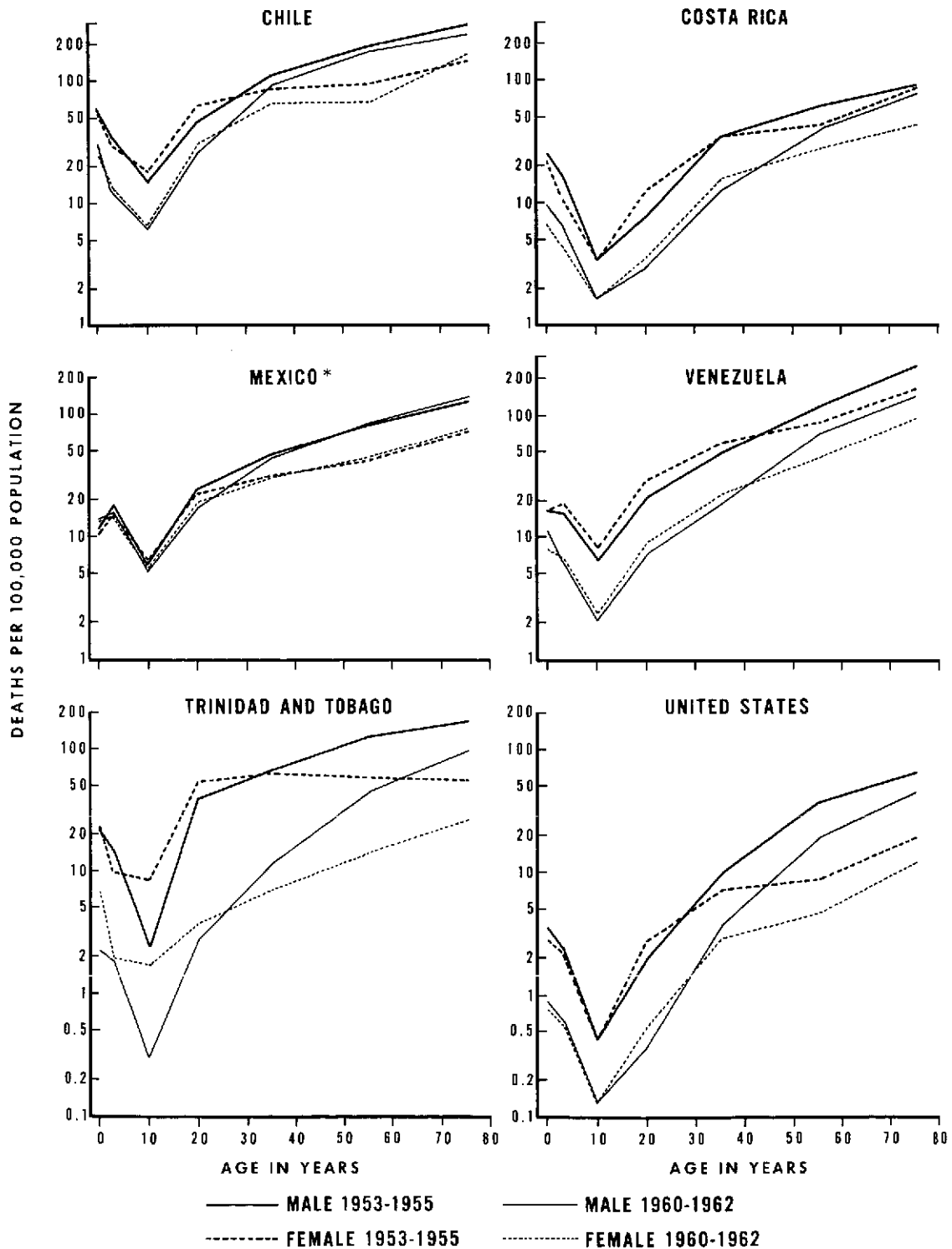
(a) Districts with medical certification, 1961-1962 average

The general reduction in deaths from tuberculosis observed in the Americas is analyzed by sex and age for selected countries in Figure 9. In each of the six countries included the greatest decline is in the

younger age groups irrespective of sex. In general the female excess mortality at ages 15-24 has decreased and the male excess mortality at higher ages increased.

Figure 9

**AVERAGE ANNUAL DEATHS FROM TUBERCULOSIS PER 100,000 POPULATION BY AGE AND SEX IN SIX COUNTRIES OF THE AMERICAS, 1953-1955 AND 1960-1962**



Note: Under 1 year of age, per 100,000 live births

\*1960-1961 Average

TABLE I. REPORTED CASES OF CERTAIN NOTIFIABLE DISEASES WITH RATES PER 100,000 POPULATION IN THE AMERICAS, 1963

Area	Amoebiasis (046)				Ankylostomiasis (129)				Anthrax (062)			
	1958-62	1962	1963		1958-62	1962	1963		1958-62	1962	1963	
	Median	Number	Number	Rate	Median	Number	Number	Rate	Median	Number	Number	Rate
Argentina	2 772	...	1 177	5.4	2 326	...	13 836	63.7	180	...	247	1.1
Bolivia	-	...	...	...	...	...	...	...	6	...	...	...
Brazil	...	...	...	...	...	...	...	...	...	...	...	...
Canada	7	7	20	0.1	*	*	*	*	-	-	-	-
Chile	508	399	253	3.1	*	*	-	-	289	334	277	3.4
Colombia (a)	72 053	72 053	*	*	57 192	50 201	*	*	7	9	43	0.3
Costa Rica	1 211	1 317	2 105	156.6	...	908	714	53.1	6	-	4	0.3
Cuba	44	65	1 493	20.7	209	...	*	*	*	*	-	-
Dominican Republic	2 288	1 239	1 235	37.0	25 390	19 233	...	...	-	-	-	-
Ecuador	*	*	*	*	...	...	...	...	...	...	...	...
El Salvador	...	a) 553	2 056	75.8	...	a) 516	1 362	50.1	...	a) 7	98	3.6
Guatemala	...	...	...	...	b) 23 715	...	1 116	26.7	...	...	*	*
Haiti	521	575	...	...	378	578	...	...	49	77	...	...
Honduras	...	...	a) 3 323	...	b) 25 729	*	a) 9	0.9	...	* a)	-	-
Jamaica	3	163	31	1.8	181	159	159	9.4	-	-	-	-
Mexico	32 764	32 764	35 791	93.2	23 505	25 843	26 129	68.0	161	174	120	0.3
Nicaragua	...	...	462	30.0	...	...	...	...	...	...	...	...
Panama	320	729	810	68.8	3 168	4 287	3 175	269.8	-	-	16	1.4
Paraguay (a)	...	...	...	...	25 746	16 562	14 760	1 341.8	17	-	11	1.0
Peru (a)	...	3 341	2 364	49.1	3 474	3 498	2 721	56.5	75	60	40	0.8
Trinidad and Tobago	* 10	* *	30	...	2 394	847	567	61.5	-	*	*	*
United States	3 424	3 048	2 886	1.5	*	*	d) 6 552	14.8	14	9	3	0.0
Uruguay	...	...	...	...	-	≠	-	-	54	54	45	1.5
Venezuela (a)	20 521	26 476	25 335	458.5	23 586	e) 23 251	...	...	29	7	1	0.0
---	...	...	...	...	...	...	...	...	...	...	...	...
Antigua	-	...	...	...	40	...	101	171.2	-	...	-	-
Bahama Islands	...	...	245	189.9	...	...	25	19.4	...	...	-	-
Barbados	...	...	-	-	*	*	*	*	*	*	*	*
Bermuda	...	-	...	...	...	-	...	...	...	-	...	...
British Guiana	...	...	...	...	20	20	...	...	-	-	-	-
British Honduras	12	2	3	3.0	-	-	*	*	-	-	-	-
Canal Zone	3	3	6	13.0	-	-	-	-	-	-	-	-
Cayman Islands	...	-	-	-	...	-	-	-	...	-	-	-
Dominica	...	306	280	44.4	...	1 329	891	1 414.3	...	-	*	*
Falkland Islands	-	-	...	...	-	-	...	...	-	-	...	...
French Guiana	36	-	-	-	...	...	-	-	...	-	-	-
Grenada	7	...	...	...	*	...	...	...	...	...	...	...
Guadeloupe	-	-	≠ 3	1.0	...	...	...	...	-	-	...	...
Martinique	-	-	-	-	*	-	-	-	*	-	-	-
Montserrat	...	...	...	...	...	...	...	...	...	...	...	...
Netherlands Antilles	...	...	...	...	*	*	*	*	*	*	*	*
Puerto Rico	8	24	3	0.1	-	-	*	*	-	-	-	-
St. Kitts-Nevis and Anguilla	...	...	-	-	-	-	-	-	-	-	-	-
St. Lucia	...	...	-	-	...	...	-	-	-	-	-	-
St. Pierre and Miquelon	-	3	...	...	-	-	...	...	-	-	...	...
St. Vincent	...	...	...	...	...	...	...	...	...	...	...	...
Surinam	...	...	...	...	...	* f)	...	...	...	-	-	-
Turks and Caicos Islands	...	-	...	...	...	-	-	-	...	-	-	-
Virgin Islands (UK)	...	...	...	...	...	...	...	...	...	...	...	...
Virgin Islands (US)	6	≠ 10	-	-	24	≠ 67	≠ 73	208.6	-	...	-	-

(a) Reporting area.

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

(c) Data for 6 months.

(d) Data for 11 states reporting at least one case; not nationally notifiable.

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

(f) Estimated level of infection: 20-30 per cent of population.

TABLE I. REPORTED CASES OF CERTAIN NOTIFIABLE DISEASES WITH RATES PER  
100,000 POPULATION IN THE AMERICAS, 1963

Area	Brucellosis (undulant fever) (044)				Diphtheria (055)				Dysentery, bacillary, other and unspecified (045, 047, 048)					
	1958-62		1962		1963		1963		1958-62		1962		1963	
	Median	Number	Number	Rate	Median	Number	Number	Rate	Median	Number	Number	Rate	Number	Rate
Argentina	1530	...	1146	5.3	2446	1295	3983	18.3	3186	...	28590	131.6		
Bolivia	...	...	...	...	8	9	62	1.7	18	a) 8	b) 11	0.3		
Brazil (c)	...	...	...	...	...	...	3058	19.9	...	...	a) 1006	6.5		
Canada	113	98	57	0.3	66	71	76	0.4	2903	2903	4145	21.9		
Chile	5	6	6	0.1	2022	2022	1520	18.5	63	75	42	0.5		
Colombia (d)	11	11	71	0.5	1321	1021	696	4.9	b)11979	b)10883	*	*		
Costa Rica	2	-	1	0.1	136	61	88	6.5	1185	1750	2406	179.0		
Cuba	8	35	37	0.5	551	1368	923	12.8	...	14	b) 7	0.1		
Dominican Republic	...	-	-	-	378	306	512	15.4	b) 986	18347	16550	496.4		
Ecuador	...	*	*	*	386	386	335	7.1	*	*	*	*		
El Salvador	d) 12	d) 5	9	0.3	d) 105	d) 91	257	9.4	...	d)10042	1036	38.1		
Guatemala	...	*	*	*	45	45	29	0.7	a) 8631	a) 8631	a) 8766	209.9		
Haiti	...	...	...	...	55	29	28	0.6	1012	965	...	...		
Honduras	...	*	d, e) 1	...	8	d) 11	d) 7	0.7	...	a)d)30281	d)f)17045	...		
Jamaica	-	-	-	-	38	80	108	6.4	268	132	160	9.5		
Mexico	1356	1339	1121	2.9	712	712	488	1.3	b) 5219	b) 5219	b) 4151	10.8		
Nicaragua	...	...	...	...	47	7	10	0.6	...	...	345	22.4		
Panama	1	-	1	0.1	33	123	126	10.7	645	552	523	44.4		
Paraguay (d)	-	2	6	0.5	42	40	35	3.2	a) 1428	a) 1122	a) 1018	92.5		
Peru (d)	843	963	848	17.6	84	38	24	0.5	a)16221	18575	17905	371.9		
Trinidad and Tobago	-	-	...	...	80	56	69	7.5	* 259	*a)1598	* 1457	...		
United States	751	409	407	0.2	918	444	314	0.2	b)12487	b)12443	b)13009	6.9		
Uruguay	2	6	3	0.1	68	67	105	3.6	a) 3	a) 2	a) 9	0.3		
Venezuela (d)	12	3	6	0.1	615	551	453	8.2	87650	84774	71035	1285.5		
---														
Antigua	-	...	-	-	-	-	-	-	b) 65	3	a) 133	225.4		
Bahama Islands	...	...	-	-	-	2	-	-	...	...	4	3.1		
Barbados	*	*	*	*	1	6	10	4.2	-	...	-	-		
Bermuda	...	-	...	...	-	-	-	-	...	-	...	...		
British Guiana	...	-	*	*	20	13	29	4.7	a) 274	a) 276	a) 252	41.2		
British Honduras	-	-	-	-	9	2	-	-	37	5	10	10.0		
Canal Zone	-	-	-	-	1	-	-	-	11	9	7	15.2		
Cayman Islands	...	-	-	-	...	-	-	-	...	-	-	-		
Dominica	*	*	*	*	1	2	-	-	a) 721	533	631	1001.6		
Falkland Islands	-	-	...	...	-	-	...	...	-	-	...	...		
French Guiana	-	-	-	-	-	-	-	-	...	-	16	45.7		
Grenada	-	...	...	...	-	-	...	...	...	...	...	...		
Guadeloupe	-	-	...	...	2	2	12	4.0	...	-	b) 1	0.3		
Martinique	-	-	-	-	9	45	12	4.0	-	-	-	-		
Montserrat	...	...	...	...	...	-	...	...	...	...	...	...		
Netherlands Antilles	*	*	*	*	8	8	1	0.5	b) 1506	b) 1179	b) 1986	983.2		
Puerto Rico	-	-	1	0.0	58	58	15	0.6	b) 8	b) 18	b) 10	0.4		
St. Kitts-Nevis and Anguilla	-	-	-	-	1	1	-	-	a) 180	a) 52	66	108.2		
St. Lucia	-	-	-	-	-	-	12	12.8	a) 157	a) 50	97	103.2		
St. Pierre and Miquelon	-	-	...	...	-	-	...	...	-	-	...	...		
St. Vincent	...	...	...	...	-	...	...	...	...	...	...	...		
Surinam	*	*	-	-	6	1	-	-	...	...	...	...		
Turks and Caicos Islands	...	*	-	-	...	-	-	-	...	...	1	...		
Virgin Islands (UK)	...	...	...	...	-	-	...	...	a) 21	...	...	...		
Virgin Islands (US)	-	...	-	-	-	-	-	-	b) 18	3	b) -	-		

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

(b) Bacillary dysentery (045).

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

(d) Reporting area.

(e) Data for 6 months.

(f) Incomplete data.



TABLE I. REPORTED CASES OF CERTAIN NOTIFIABLE DISEASES WITH RATES PER  
100,000 POPULATION IN THE AMERICAS, 1963

Area	Encephalitis, acute infectious (082)				Gonococcal infection (030-035)				Hepatitis, infectious (092)			
	1958-62	1962	1963		1958-62	1962	1963		1958-62	1962	1963	
	Median	Number	Number	Rate	Median	Number	Number	Rate	Median	Number	Number	Rate
Argentina	484	...	579	2.7	7812	...	10310	47.5	2192	...	2447	11.3
Bolivia	1	4	1	0.0	92	35	62	1.7	1	1	...	...
Brazil (a)	...	...	99	0.6	...	...	...	...	...	...	424	2.9
Canada	b) 6	b) 4	b) 57	0.3	15661	17697	19411	102.6	c) 6314	c) 12538	c) 10077	53.2
Chile	90	141	83	1.0	*	*	* 1392	...	*	250	249	3.0
Colombia (d)	94	b) 380	339	2.4	47229	47229	c) 46285	327.3	*	*	*	*
Costa Rica	8	-	14	1.0	...	2237	2227	165.7	321	219	684	50.9
Cuba	9	49	38	0.5	215	530	787	10.9	349	3615	4659	64.7
Dominican Republic	-	-	-	-	...	...	14028	420.8	...	...	186	5.6
Ecuador	...	...	51	1.1	...	...	...	...	...	...	...	...
El Salvador	d) -	d) 9	-	-	d) 3061	d) 3718	4354	160.0	d) 236	d) 335	994	36.5
Guatemala	...	5	2	0.0	2782	2026	3848	92.1	*	*	*	*
Haiti	4	2	-	-	4968	5072	3849	86.5	80	109	...	...
Honduras	6	d) 9	d) 24	2.4	4534	d) 4751	d) 3463	346.3	*	*	d,f) 49	...
Jamaica	4	b) 11	2	0.1	27516	27516	34228	2028.9	164	118	100	5.9
Mexico	34	b) 17	b) 18	0.0	19105	18882	18784	48.9	3727	3727	2961	7.7
Nicaragua	...	...	...	...	840	787	629	40.8	...	...	...	...
Panama	1	2	6	0.5	603	487	649	55.1	...	...	135	11.5
Paraguay (d)	24	29	39	3.5	50	654	473	43.0	...	209	182	16.5
Peru (d)	31	67	53	1.1	6170	7492	8086	167.9	2308	2251	2451	50.9
Trinidad and Tobago	-	-	1	0.1	4340	6230	7978	865.3	6	-	...	...
United States	2341	2094	1993	1.1	258933	263708	278289	147.5	c) 41666	c) 53016	c) 42974	22.8
Uruguay	29	29	36	1.2	241	162	227	7.7	...	...	g) 227	...
Venezuela (d)	65	6897	b) 10145	183.6	13453	19125	18910	342.2	*	*	*	*
Antigua	-	-	-	-	262	...	117	198.3	-	...	-	-
Bahama Islands	-	1	3	2.3	329	438	17	13.2	...	...	9	7.0
Barbados	*	*	*	*	*	*	*	*	*	*	*	*
Bermuda	-	1	-	-	84	102	138	293.6	2	5	8	17.0
British Guiana	-	-	*	*	* 2296	* 378	* 5910	...	41	41	*	*
British Honduras	-	-	1	1.0	310	184	*	*	1	4	3	3.0
Canal Zone	-	-	-	-	67	72	94	204.3	c) 17	c) 17	c) 14	30.4
Cayman Islands	...	1	-	-	...	3	4	(44.4)	...	-	1	(11.1)
Dominica	-	1	-	-	...	305	225	357.1	...	2	6	9.5
Falkland Islands	-	-	...	...	8	13	...	...	3	-	...	...
French Guiana	...	-	-	-	173	166	129	368.6	...	...	-	-
Grenada	-	...	...	...	715	...	1014	1102.2	-	...	...	...
Guadeloupe	-	-	-	-	...	2	-	-	...	...	...	...
Martinique	-	-	-	-	4	-	-	-	*	-	-	-
Montserrat	...	...	...	...	...	...	...	...	...	...	...	...
Netherlands Antilles	*	*	*	*	367	*	*	*	*	*	*	*
Puerto Rico	-	-	18	0.7	2782	2423	2570	102.0	c) 792	c) 1114	c) 949	37.7
St. Kitts-Nevis and Anguilla	3	1	-	-	419	419	223	365.6	38	38	19	31.1
St. Lucia	-	*	-	-	1635	1635	716	761.7	...	...	-	-
St. Pierre and Miquelon	-	-	...	...	1	7	...	...	1	630	...	...
St. Vincent	...	...	...	...	...	...	...	...	...	...	...	...
Surinam	-	-	...	...	...	* h) 1664	...	...	...	*	...	...
Turks and Caicos Islands	...	-	-	-	...	17	95	1583.3	...	-	-	-
Virgin Islands (UK)	-	...	...	...	...	...	...	...	...	...	...	...
Virgin Islands (US)	-	-	-	-	73	95	193	551.4	-	...	c) 3	8.6

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

(b) Arthropod-borne encephalitis (082.0).

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

(d) Reporting area.

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

(f) Data for 6 months.

(g) Data for 7 months.

(h) Data from 2 Government clinics.

TABLE I. REPORTED CASES OF CERTAIN NOTIFIABLE DISEASES WITH RATES PER 100,000 POPULATION IN THE AMERICAS, 1963

Area	Influenza (480-483)				Leprosy (060)				Malaria (110-117)			
	1958-62	1962	1963		1958-62	1962	1963		1958-62	1962	1963	
	Median	Number	Number	Rate	Median	Number	Number	Rate	Median	Number	Number	Rate
Argentina	...	25 000	49 640	228.6	442	458	734	3.4	4 373	4 501	825	3.8
Bolivia	1 053	490	373	10.4	21	21	18	0.5	614	315	215	6.0
Brazil	...	...	a) 39 053	254.1	6 912	...	b) 1 067	1.9	c) 42 072	c) 72 060	c) 11 417	145.8
Canada	*	*	*	*	1	1	3	0.0	1	-	1	0.0
Chile	8 704	8 704	31 865	387.6	-	-	-	-	d)	1	-	-
Colombia (e)	92 405	92 405	73 266	518.1	594	561	292	2.1	37 273	21 245	16 226	114.8
Costa Rica	6 981	15 798	18 572	1 381.8	35	25	35	2.6	1 900	c) 1 583	c) 1 224	91.1
Cuba	1 344	12 575	15 846	220.0	134	291	159	2.2	1 119	3 519	c) 833	11.6
Dominican Republic	34 973	79 433	63 612	1 908.0	47	74	80	2.4	5 548	10 160	8 027	240.8
Ecuador	...	...	...	...	...	...	...	...	5 557	c) 5 557	c) 3 857	81.6
El Salvador	e) 12 237	e) 19 400	31 380	1 153.3	e) 24	e) 24	13	0.5	12 563	c) 15 433	c) 17 846	655.9
Guatemala	14 811	14 811	15 153	362.9	4	8	8	0.2	5 563	5 563	c) 15 118	362.0
Haiti	33 553	34 787	21 773	489.5	9	17	...	...	36 564	36 564	21 569	484.9
Honduras	13 224	e) 19 075	e) 16 482	1 648.2	2	e) 28	e) 22	2.2	10 334	e) 6 750	c) 7 077	349.7
Jamaica	2 981	1 184	14 242	844.2	23	25	27	1.6	761	5	6	0.4
Mexico	60 004	71 540	79 751	207.6	114	219	294	0.8	7 092	13 781	11 267	29.3
Nicaragua	1 879	1 879	1 419	92.1	13	...	31	2.0	c) 7 528	c) 11 359	c) 11 700	759.2
Panama	2 367	4 647	4 682	397.8	2	2	1	0.1	4 463	3 871	2 426	206.1
Paraguay (f)	25 708	18 693	18 854	1 714.0	285	531	425	38.6	...	c) 5 755	c) 3 491	183.4
Peru (f)	35 203	35 183	46 775	971.4	78	78	59	1.2	2 916	2 195	1 743	16.0
Trinidad and Tobago	* 5 144	* 8 851	* 4 377	...	47	27	38	4.1	c) 13	-	-	-
United States	*	*	*	*	57	80	103	0.1	73	118	99	0.1
Uruguay	7 650	5 023	10 090	341.5	23	34	19	0.6	-	1	d) 1	0.0
Venezuela (f)	g) 176 036	h) 169 583	g) 88 065	1 593.6	296	266	249	4.5	911	898	c, h) 2 390	29.3
Antigua	1 100	372	883	1 496.6	2	...	1	1.7	-	-	-	-
Bahama Islands	102	11	6	4.7	-	-	2	1.6	-	4	3	2.3
Barbados	-	...	-	-	-	-	1	0.4	-	*	-	-
Bermuda	14	4	4	8.5	-	-	...	...	-	-	-	-
British Guiana	2 744	3 096	1 888	309.0	61	61	25	4.1	235	355	495	81.0
British Honduras	1 119	544	28	28.0	-	-	-	-	196	c) 20	c) 17	17.0
Canal Zone	*	5	-	-	-	-	-	-	25	12	4	8.7
Cayman Islands	...	41	71	788.9	...	-	-	-	...	-	-	-
Dominica	180	275	527	836.5	-	-	-	-	26	-	-	-
Falkland Islands	10	-	...	...	-	-	...	...	-	-	...	...
French Guiana	...	-	-	-	43	103	78	222.9	6	25	103	294.3
Grenada	...	...	...	...	-	-	-	-	-	-	-	-
Guadeloupe	...	-	-	-	60	60	57	19.2	-	-	c) 1	0.3
Martinique	-	*	-	-	57	55	24	7.9	-	-	-	-
Montserrat	...	...	...	...	...	...	...	...	-	...	...	...
Netherlands Antilles	*	*	*	*	5	5	6	3.0	-	*	*	*
Puerto Rico	...	...	15 369	609.9	1	3	7	0.3	-	-	-	-
St. Kitts-Nevis and Anguilla	427	245	1 233	2 021.3	-	-	-	-	-	-	-	-
St. Lucia	89	146	68	72.3	-	-	3	3.2	3	c) 4	c) 7	7.4
St. Pierre and Miquelon	19	19	...	...	-	-	...	...	-	-	...	...
St. Vincent	95	...	695	827.4	1	...	2	2.4	-	...	...	...
Surinam	*	*	*	*	139	171	201	62.8	716	c) 716	c) 1 882	588.1
Turks and Caicos Islands	...	-	16	266.7	...	-	-	-	...	1	-	-
Virgin Islands (UK)	1	-	...	...	-	-	...	...	-	-	...	...
Virgin Islands (US)	...	...	...	...	-	1	1	2.9	-	-	-	-

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

(b) Data for Federal District, 18 states and 1 territory.

(c) Specified as confirmed cases.

(d) Imported.

(e) Reporting area.

(f) Reporting area except for malaria.

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

(h) Excluding 463 cases acquired outside the country.

TABLE I. REPORTED CASES OF CERTAIN NOTIFIABLE DISEASES WITH RATES PER 100,000 POPULATION IN THE AMERICAS, 1963

Area	Measles (085)				Meningococcal infections (057)				Paratyphoid fever (a) (041)			
	1958-62	1962	1963		1958-62	1962	1963		1958-62	1962	1963	
	Median	Number	Number	Rate	Median	Number	Number	Rate	Median	Number	Number	Rate
Argentina	13 855	12 906	16 428	75.6	281	423	812	3.7	...	...	...	...
Bolivia	413	390	213	5.9	17	7	5	0.1	33	...	...	...
Brazil (b)	...	...	5 486	35.7	...	...	240	1.6	...	...	...	...
Canada	*	*	*	*	158	110	111	0.6	...	...	...	...
Chile	32 720	37 649	28 543	347.2	106	96	85	1.0	...	185	...	...
Colombia (c)	38 226	42 575	36 756	259.9	361	280	341	2.4	...	...	...	...
Costa Rica	1 600	2 977	3 806	283.2	18	-	10	0.7	4	2	1	0.1
Cuba	684	1 590	6 799	94.4	12	7	17	0.2	39	46	58	0.8
Dominican Republic	2 417	1 521	4 489	134.6	-	...	-	-	305	305	315	9.4
Ecuador	...	...	...	...	...	...	...	...	128	...	...	...
El Salvador	c) 4 371	c) 5 443	6 876	252.7	c) -	c) -	-	-	...	c) 51	41	1.5
Guatemala	1 630	1 942	2 548	61.0	-	-	5	0.1	40	30	55	1.3
Haiti	876	855	...	...	39	39	44	1.0	...	-	-	-
Honduras	...	c) 1 571	c) 3 382	338.2	12	c) 90	c) 69	6.9	40	c) 55	...	...
Jamaica	304	441	4 207	249.4	12	20	12	0.7	-	-	-	-
Mexico	44 825	54 558	53 864	140.2	31	29	24	0.1	2 492	2 462	2 857	7.4
Nicaragua	453	...	189	12.3	5	-	-	-	139	263	351	22.8
Panama	1 101	1 101	3 154	268.0	10	12	5	0.4	d) 14	7	3	0.3
Paraguay (c)	977	1 442	555	50.5	14	8	8	0.7	...	...	...	...
Peru (c)	13 126	21 692	14 530	301.8	87	91	74	1.5	...	...	...	...
Trinidad and Tobago	* 114	* 130	* 2 799	...	2	3	1	0.1	1	...	...	...
United States	441 703	481 530	385 156	204.2	2 232	2 150	2 470	1.3	d) 6 929	d) 9 680	d) 15 390	8.2
Uruguay	2 077	6 191	638	21.6	4	2	2	0.1	6	8	4	0.1
Venezuela (c)	21 095	30 257	36 798	665.9	18	9	10	0.2	...	...	...	...
---	---	---	---	---	---	---	---	---	---	---	---	---
Antigua	22	22	978	1 657.6	-	-	-	-	...	...	...	...
Bahama Islands	38	1	-	-	-	-	-	-	1	6	1	0.8
Barbados	*	*	*	*	-	-	1	0.4	-	-	-	-
Bermuda	68	6	7	14.9	1	-	-	-	-	-	-	-
British Guiana	334	334	1 823	265.6	-	-	*	*	-	1	...	...
British Honduras	23	-	371	371.0	-	-	-	-	-	-	-	-
Canal Zone	142	93	34	73.9	1	1	-	-	-	1	-	-
Cayman Islands	...	-	4	(44.4)	...	2	1	(11.1)	...	2	-	-
Dominica	46	7	1 178	1 869.8	3	3	3	4.8	...	...	...	...
Falkland Islands	-	-	...	...	-	-	...	...	-	-	...	...
French Guiana	84	17	-	-	-	-	-	-	...	-	-	-
Grenada	2	-	...	...	2	...	...	...	-	...	...	...
Guadeloupe	-	-	1	0.3	1	-	-	-	-	-	-	-
Martinique	70	70	19	6.3	-	-	-	-	...	...	...	...
Montserrat	...	...	...	...	...	...	...	...	...	...	...	...
Netherlands Antilles	*	*	*	*	*	*	*	*	d) 634	d) 634	1	0.5
Puerto Rico	2 331	4 865	1 528	60.6	8	8	12	0.5	-	d) 21	-	-
St. Kitts-Nevis and Anguilla	157	5	681	1 116.4	-	-	1	1.6	-	-	-	-
St. Lucia	-	-	1 344	1 429.8	-	-	-	-	-	-	...	...
St. Pierre and Miquelon	-	-	...	...	-	-	...	...	-	-	...	...
St. Vincent	242	...	364	433.3	-	...	1	1.2	...	...	...	...
Surinam	*	*	*	*	...	-	...	...	...	*	...	...
Turks and Caicos Islands	...	1	-	-	...	-	-	-	...	-	-	-
Virgin Islands (UK)	-	-	...	...	-	-	...	...	d) ...	...	...	...
Virgin Islands (US)	2	...	23	65.7	-	-	-	-	d) 5	-	d) 4	11.4

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

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

(c) Reporting area.

(d) Including other salmonella infections (042).

TABLE I. REPORTED CASES OF CERTAIN NOTIFIABLE DISEASES WITH RATES PER  
100,000 POPULATION IN THE AMERICAS, 1963

Area	Plague (058)				Poliomyelitis, acute (080)				Rabies (094)				
	1958-62 Median	1962 Number	1963		1958-62 Median	1962 Number	1963		1958-62 Median	1962 Number	1963		
			Number	Rate			Number	Rate			Number	Rate	
Argentina	-	-	-	-	a) 1082	a) 1082	a) 955	4.4	20	≠	40	32	0.1
Bolivia	-	-	53	1.5	3	3	1	0.0	2	-	-	1	0.0
Brazil	28	36	39	0.1	...	...	b) 914	5.9	...	...	c) 29	0.4	0.4
Canada	-	-	-	-	a) 249	a) 89	a) 123	0.6	-	-	-	-	-
Chile	-	-	-	-	456	441	115	1.4	6	9	2	0.0	0.0
Colombia	-	-	-	-	d) 233	d) 581	d) 397	2.8	d) 23	d) 34	d) 137	1.0	1.0
Costa Rica	-	-	-	-	50	50	18	1.3	-	-	-	-	-
Cuba	-	-	-	-	288	46	1	0.0	3	-	2	0.0	0.0
Dominican Republic	-	-	-	-	a) 23	29	a) 357	10.7	1	2	1	0.0	0.0
Ecuador	77	326	258	5.5	43	49	a) 169	3.6	18	20	16	0.3	0.3
El Salvador	-	-	-	-	a,d) 43	d) 37	a) 95	3.5	d) 3	d) 6	4	0.1	0.1
Guatemala	-	-	-	-	111	111	176	4.2	3	2	2	0.0	0.0
Haiti	-	-	-	-	80	a) 12	≠ a) 5	0.1	-	1	≠	-	-
Honduras	-	-	-	-	38	d) 10	a,d) 27	2.7	2	d) 2	d) 3	0.3	0.3
Jamaica	-	-	-	-	25	25	15	0.9	-	-	-	-	-
Mexico	-	-	-	-	a) 904	a) 483	486	1.3	42	54	39	0.1	0.1
Nicaragua	-	-	-	-	a) 70	≠ a) 13	a) 151	9.8	...	...	1	0.1	0.1
Panama	-	-	-	-	27	65	13	1.1	-	-	-	-	-
Paraguay	-	-	-	-	d) 27	d) 25	d) 67	6.1	d) 2	...	...	...	...
Peru	68	164	72	0.7	d) 453	d) 598	d) 581	12.1	11	11	9	0.1	0.1
Trinidad and Tobago	-	-	-	-	14	12	15	1.6	-	-	...	...	...
United States	2	-	1	0.0	3190	910	449	0.2	3	2	1	0.0	0.0
Uruguay	-	-	-	-	51	50	2	0.1	-	-	-	-	-
Venezuela	-	1	-	-	d) 359	a,d) 393	a,d) 316	5.7	14	21	24	0.3	0.3
-----	-	-	-	-	-	-	-	-	-	-	-	-	-
Antigua	-	-	-	-	-	≠ 2	-	-	-	...	-	-	-
Bahama Islands	-	-	-	-	2	2	1	0.8	-	-	-	-	-
Barbados	-	-	-	-	-	7	79	33.1	*	*	*	*	*
Bermuda	-	-	-	-	-	2	≠	-	-	-	≠	-	-
British Guiana	-	-	-	-	2	a) 182	311	50.9	-	-	-	-	-
British Honduras	-	-	-	-	1	1	-	-	-	-	-	-	-
Canal Zone	-	-	-	-	1	-	-	-	-	-	-	-	-
Cayman Islands	-	-	-	-	...	-	-	-	...	-	-	-	-
Dominica	-	-	-	-	-	-	-	-	-	-	*	*	*
Falkland Islands	-	-	-	-	-	-	-	-	...	-	-	-	-
French Guiana	-	-	-	-	-	-	-	-	...	-	-	-	-
Grenada	-	-	-	-	-	-	-	-	-	1	1	1.1	1.1
Guadeloupe	-	-	-	-	1	6	≠	-	-	-	≠	-	-
Martinique	-	-	-	-	-	7	5	1.7	-	-	-	-	-
Montserrat	-	-	-	-	...	...	...	...	...	...	...	...	...
Netherlands Antilles	-	-	-	-	1	1	-	-	-	*	*	*	*
Puerto Rico	-	-	-	-	21	13	5	0.2	-	-	-	-	-
St. Kitts-Nevis and Anguilla	-	-	-	-	1	-	2	3.3	-	-	-	-	-
St. Lucia	-	-	-	-	-	1	-	-	-	-	-	-	-
St. Pierre and Miquelon	-	-	-	-	-	-	...	...	-	-	...	...	...
St. Vincent	-	-	-	-	-	-	...	...	-	-	...	...	...
Surinam	-	-	-	-	-	a) 3	a) 40	12.5	-	-	-	-	-
Turks and Caicos Islands	-	-	-	-	...	-	-	-	...	-	-	-	-
Virgin Islands (UK)	-	-	-	-	-	-	...	...	-	-	...	...	...
Virgin Islands (US)	-	-	-	-	-	≠	-	-	-	≠	-	-	-

(a) Paralytic poliomyelitis (080.0, 080.1).

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

(c) Data for capitals of 9 states.

(d) Reporting area.

TABLE I. REPORTED CASES OF CERTAIN NOTIFIABLE DISEASES WITH RATES PER  
100,000 POPULATION IN THE AMERICAS, 1963

Area	Relapsing fever (071)				Scarlet fever (050)				Smallpox (084)					
	1958-62		1963		1958-62		1963		1958-62		1963			
	Median	Number	Number	Rate	Median	Number	Number	Rate	Median	Number	Number	Rate		
Argentina	-	-	-	-	613	800	565	2.6	27	a)	2	-		
Bolivia	-	...	...	...	23	23	2	0.1	1	-	-	-		
Brazil	...	...	b)	-	...	...	b)	450	10.9	...	7589	5516	7.2	
Canada	...	...	...	...	c) 13060	c) 10241	c) 9920	52.4	-	d)	1	-	-	
Chile	...	...	...	...	1475	4058	2404	29.2	-	-	-	-	-	
Colombia (e)	95	f)	151	f)	413	2.9	132	297	451	3.2	209	41	4	0.0
Costa Rica	-	-	-	-	21	12	35	2.6	-	-	-	-	-	-
Cuba	...	...	-	-	3	9	28	0.4	-	-	-	-	-	-
Dominican Republic	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ecuador	...	...	...	...	...	...	...	...	863	204	45	1.0	-	-
El Salvador	g)	g)	-	-	...	g)	7	2	0.1	-	-	-	-	-
Guatemala	-	-	-	-	44	48	65	1.6	-	-	-	-	-	-
Haiti	...	-	...	...	...	-	...	-	-	-	-	-	-	-
Honduras	...	g)	-	...	...	g)	-	g,h)	1	...	-	-	-	-
Jamaica	-	-	-	-	11	13	10	0.6	-	-	-	-	-	-
Mexico	2	i)	3	1	0.0	499	777	628	1.6	-	-	-	-	-
Nicaragua	...	...	...	...	...	...	...	...	-	-	-	-	-	-
Panama	-	-	-	-	1	4	1	0.1	-	-	-	-	-	-
Paraguay (e)	-	...	-	-	8	-	1	0.1	-	-	-	-	-	-
Peru	1	-	-	-	g)	253	g)	234	g)	136	2.8	-	865	7.9
Trinidad and Tobago	...	...	...	...	...	...	...	...	-	-	-	-	-	-
United States	...	...	f,j)	1	0.3	c) 315 809	c) 315 809	c) 342 161	181.4	-	-	-	-	-
Uruguay	...	...	-	-	219	219	201	6.8	1	a)	10	d)	1	0.0
Venezuela (e)	62	-	-	-	23	23	3	0.1	-	-	11	-	-	-
-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Antigua	-	...	-	-	-	...	-	-	-	-	-	-	-	-
Bahama Islands	-	-	-	-	-	...	-	-	-	-	-	-	-	-
Barbados	-	...	...	...	*	*	*	*	-	-	-	-	-	-
Bermuda	-	-	...	...	3	3	4	8.5	-	-	-	-	-	-
British Guiana	...	-	...	...	-	-	-	-	-	-	-	-	-	-
British Honduras	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Canal Zone	-	-	-	-	c)	3	c)	2	3	6.5	-	-	-	-
Cayman Islands	...	-	-	-	...	-	-	-	-	-	-	-	-	-
Dominica	-	-	-	-	-	1	-	-	-	-	-	-	-	-
Falkland Islands	-	-	...	...	-	-	-	-	-	-	-	-	-	-
French Guiana	-	-	-	-	...	-	-	-	-	-	-	-	-	-
Grenada	-	-	...	...	-	-	...	...	-	-	-	-	-	-
Guadeloupe	-	-	...	...	-	-	...	...	-	-	-	-	-	-
Martinique	-	-	-	-	-	-	2	0.7	-	-	-	-	-	-
Montserrat	-	-	-	-	-	-	1	0.3	-	-	-	-	-	-
Netherlands Antilles	...	...	...	...	...	...	...	...	-	-	-	-	-	-
Puerto Rico	...	...	-	-	3	13	1	0.5	-	-	-	-	-	-
St. Kitts-Nevis and Anguilla	-	-	-	-	c)	131	c)	128	49	1.9	-	-	-	-
St. Lucia	-	-	-	-	-	-	5	8.2	-	-	-	-	-	-
St. Pierre and Miquelon	-	-	...	...	-	1	...	...	-	-	-	-	-	-
St. Vincent	-	...	...	...	...	...	...	...	-	-	-	-	-	-
Surinam	-	-	-	-	-	-	...	...	-	-	-	-	-	-
Turks and Caicos Islands	...	-	-	-	...	-	-	-	-	-	-	-	-	-
Virgin Islands (UK)	-	-	...	...	-	-	...	...	-	-	-	-	-	-
Virgin Islands (US)	-	...	...	...	-	...	-	-	-	-	-	-	-	-

(a) Including imported cases.

(b) Data for Federal District, States of Guanabara and Pernambuco, and capitals of 10 other states; data on scarlet fever for São Paulo City only.

(c) Including streptococcal sore throat (051).

(d) Imported.

(e) Reporting area, except for smallpox.

(f) Tick-borne relapsing fever (071. 1).

(g) Reporting area.

(h) Data for 6 months.

(i) Louse-borne relapsing fever (071. 0).

(j) Data for one state; not notifiable nationally.

TABLE I. REPORTED CASES OF CERTAIN NOTIFIABLE DISEASES WITH RATES PER  
100,000 POPULATION IN THE AMERICAS, 1963

Area	Syphilis (020-029)				Tetanus (061)				Trachoma (095)			
	1958-62 Median	1962 Number	1963		1958-62 Median	1962 Number	1963		1958-62 Median	1962 Number	1963	
			Number	Rate			Number	Rate			Number	Rate
Argentina	4397	≠ 3000	6089	28.0	483	...	710	3.3	1036	380	369	1.7
Bolivia	133	80	a) 90	2.5	9	7	24	0.7	-	...	...	...
Brazil	...	...	...	...	...	...	b) 1267	12.5	...	...	...	...
Canada	2168	2432	2785	14.7	10	9	11	0.1	*	-	*	*
Chile	* 3240	* 3106	* 3046	...	60	61	73	0.9	4	4	-	-
Colombia (c)	10563	12232	d) 9789	69.2	791	1069	1029	7.3	*	*	*	*
Costa Rica	475	1200	1287	95.8	63	46	94	7.0	-	3	-	-
Cuba	482	805	1691	23.5	339	≠ 525	434	6.0	-	-	-	-
Dominican Republic	8838	10494	7113	213.3	407	123	472	14.2	520	823	475	14.2
Ecuador	...	...	...	...	...	...	...	...	...	...	...	...
El Salvador	c) 6070	c) 6552	7797	286.5	c) 174	c) 243	420	15.4	c)	c) 1	-	-
Guatemala	1421	816	801	19.2	80	68	93	2.2	*	*	*	*
Haiti	5201	5201	≠ 3405	76.6	552	679	...	...	27	34	...	...
Honduras	2132	c) 2345	c) 1619	161.9	...	c) 23	c) 28	2.8	...	*	*	*
Jamaica	9748	2776	2298	138.2	105	136	154	9.1	-	-	-	-
Mexico	22397	18219	20066	52.2	1049	1049	1054	2.7	12	13	1	0.0
Nicaragua	1514	≠ 1537	3100	201.2	...	...	4	0.3	...	...	...	...
Panama	312	370	200	17.0	54	64	89	7.6	-	...	3	0.3
Paraguay (c)	1722	1835	1616	146.9	149	149	143	13.0	22	17	10	0.9
Peru (c)	3865	3872	3679	76.4	238	246	213	4.4	...	5	45	0.9
Trinidad and Tobago	702	327	385	41.8	4	7	3	0.3	*	*	*	*
United States	122008	126245	124137	65.8	379	322	325	0.2	*	*	e) 737	4.5
Uruguay	203	203	161	5.4	56	53	60	2.0	1	≠	-	-
Venezuela (c)	9984	9127	9480	171.6	859	622	636	11.5	33	33	21	0.4
Antigua	270	...	188	318.6	4	...	11	18.6	-	...	-	-
Bahama Islands	24	14	30	23.3	...	...	12	9.3	...	-	-	-
Barbados	*	*	*	*	*	*	*	*	*	*	*	*
Bermuda	10	5	≠ 23	48.9	...	-	...	...	-	-	...	...
British Guiana	* 371	* 415	* 800	...	...	23	2	0.3	*	*	1	*
British Honduras	648	648	...	...	8	2	11	11.0	-	-	*	*
Canal Zone	17	17	10	21.7	-	-	-	-	-	-	-	-
Cayman Islands	...	3	1	(11.1)	...	-	-	-	...	-	-	-
Dominica	52	55	114	181.0	...	3	12	19.0	-	-	*	*
Falkland Islands	-	-	...	...	-	-	...	...	-	-	...	...
French Guiana	83	98	48	137.1	4	2	1	2.9	...	...	-	-
Grenada	687	...	529	575.0	...	...	...	...	-	-	...	...
Guadeloupe	699	530	...	...	10	10	≠ 8	2.7	...	...	...	...
Martinique	9	9	-	-	12	12	14	4.6	-	-	-	-
Montserrat	24	-	...	...	...	...	...	...	...	...	...	...
Netherlands Antilles	724	*	*	*	*	*	*	*	*	*	*	*
Puerto Rico	1106	1056	1401	55.6	109	109	82	3.3	...	...	*	*
St. Kitts-Nevis and Anguilla	37	22	12	19.7	2	4	-	-	-	-	-	-
St. Lucia	608	668	149	158.5	...	...	-	-	-	-	-	-
St. Pierre and Miquelon	-	-	...	...	-	-	...	...	-	-	...	...
St. Vincent	45	...	12	14.3	...	...	...	...	...	...	...	...
Surinam	*	*	f) 374	...	*	*	g) 44	13.8	...	425	*	*
Turks and Caicos Islands	...	1	3	(50.0)	...	-	1	(16.7)	...	-	-	-
Virgin Islands (UK)	-	-	...	...	...	...	...	...	...	...	...	...
Virgin Islands (US)	205	≠ 481	284	811.4	-	...	1	2.9	...	...	...	...

(a) Early syphilis (021).

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

(c) Reporting area.

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

(e) Data for 6 states reporting at least one case; not notifiable nationally.

(f) Data from 2 Government clinics.

(g) Estimated from hospitalized cases and deaths.

TABLE I. REPORTED CASES OF CERTAIN NOTIFIABLE DISEASES WITH RATES PER 100,000 POPULATION IN THE AMERICAS, 1963

Area	Tuberculosis (001-019)				Typhoid fever (a) (040)				Typhus, louse-borne (100)			
	1958-62	1962	1963		1958-62	1962	1963		1958-62	1962	1963	
	Median	Number	Number	Rate	Median	Number	Number	Rate	Median	Number	Number	Rate
Argentina	18 000	18 000	24 060	110.8	1 817	1 038	2 012	9.3	-	-	-	-
Bolivia	1 244	1 714	b) 1 365	38.0	118	116	62	1.7	7	1	141	3.9
Brazil	...	...	b) 25 752	186.3	...	...	d) 4 965	32.3	-	-	-	-
Canada	e) 6 345	e) 6 284	e) 5 705	30.1	304	276	147	0.8	-	-	-	-
Chile	*	*	*	*	4 548	3 688	4 185	50.9	6	3	11	0.1
Colombia (f)	14 362	14 362	b) 13 455	95.2	12 696	13 810	11 971	84.7	15	-	2	0.0
Costa Rica	602	602	b) 567	42.2	128	58	85	6.3	-	-	-	-
Cuba	1 856	2 725	2 768	38.4	948	1 007	420	5.8	-	-	-	-
Dominican Republic	2 122	1 060	2 180	65.4	555	622	1 166	35.0	-	-	-	-
Ecuador	5 223	5 082	...	...	2 823	3 117	3 010	63.7	348	493	259	5.5
El Salvador	g) 4 581	g) 4 581	6 035	221.8	...	g) 1 353	1 116	41.0	-	-	-	-
Guatemala	3 495	3 495	3 647	87.3	839	732	879	21.0	-	-	-	-
Haiti	3 067	3 875	4 557	102.5	351	493	395	8.9	-	-	-	-
Honduras	1 797	g) 2 157	b, g) 951	95.1	424	g) 368	g) 646	64.6	-	-	-	-
Jamaica	574	335	310	18.4	413	163	259	15.4	-	-	-	-
Mexico	12 417	16 242	17 866	46.5	6 173	6 138	5 980	15.6	106	3	39	0.1
Nicaragua	707	391	344	22.3	291	286	335	21.7	-	-	-	-
Panama	1 423	1 423	1 330	113.0	49	49	11	0.9	-	-	-	-
Paraguay (f)	1 126	1 223	1 344	122.2	84	66	89	8.1	-	-	-	-
Peru (f)	21 503	24 005	21 460	445.7	5 511	4 318	5 047	104.8	57	57	13	0.1
Trinidad and Tobago	290	398	384	41.6	234	84	62	6.7	-	-	-	-
United States	e) 55 494	e) 53 315	e) 54 042	28.7	816	608	566	0.3	-	-	-	-
Uruguay	2 044	1 836	2 226	75.3	330	303	246	8.3	-	-	-	-
Venezuela (f)	8 138	8 138	7 529	136.2	1 029	691	522	9.4	-	-	-	-
Antigua	8	2	1	1.7	22	32	9	15.3	-	-	-	-
Bahama Islands	124	156	296	229.5	10	17	10	7.8	-	-	-	-
Barbados	68	74	72	30.1	9	6	12	5.0	-	-	-	-
Bermuda	11	10	17	36.2	-	-	2	4.3	-	-	-	-
British Guiana	186	212	184	30.1	419	308	228	37.3	-	-	-	-
British Honduras	58	58	95	95.0	18	10	46	46.0	-	-	-	-
Canal Zone	16	21	16	34.8	2	-	-	-	-	-	-	-
Cayman Islands	...	3	2	(22.2)	...	-	-	-	-	-	-	-
Dominica	128	161	145	230.2	83	76	h) 69	109.5	-	-	-	-
Falkland Islands	3	6	...	...	-	-	...	...	-	-	-	-
French Guiana	26	26	40	114.3	6	9	5	14.3	-	-	-	-
Grenada	36	29	21	22.8	10	1	6	6.5	-	-	-	-
Guadeloupe	234	208	...	...	20	10	17	5.7	-	-	-	-
Martinique	190	151	123	40.6	240	169	218	71.9	-	-	-	-
Montserrat	7	4	...	...	9	9	...	...	-	-	-	-
Netherlands Antilles	30	33	b) 23	11.4	8	1	5	2.5	-	-	-	-
Puerto Rico	e) 2 022	e) 1 816	e) 1 852	73.5	22	18	17	0.7	-	-	-	-
St. Kitts-Nevis and Anguilla	27	8	18	29.5	6	3	-	-	-	-	-	-
St. Lucia	67	53	74	78.7	37	34	30	31.9	-	-	-	-
St. Pierre and Miquelon	15	17	...	...	-	-	...	...	-	-	-	-
St. Vincent	35	...	17	20.2	13	...	15	17.9	-	-	-	-
Surinam	143	143	148	46.2	38	12	14	4.4	-	-	-	-
Turks and Caicos Islands	...	-	1	(16.7)	...	-	-	-	-	-	-	-
Virgin Islands (UK)	2	2	...	...	1	2	...	...	-	-	-	-
Virgin Islands (US)	9	4	e) 7	20.0	1	1	-	-	-	-	-	-

(a) Data for typhoid fever include data for paratyphoid fever, in Argentina, Brazil, Canada, Chile (except in 1962), Colombia, Ecuador, Honduras in 1963, Paraguay, Peru, Venezuela, Antigua, Dominica, Martinique, and St. Lucia in 1963.

(b) Respiratory tuberculosis (001-008)

(c) Data for State of Guanabara and capitals of 19 other states.

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

(e) Newly reported active cases.

(f) Reporting area except for louse-borne typhus.

(g) Reporting area.

(h) Including other salmonella infections (042)

TABLE I. REPORTED CASES OF CERTAIN NOTIFIABLE DISEASES WITH RATES PER 100,000 POPULATION IN THE AMERICAS, 1963

Area	Whooping cough (056)				Yaws (073)				Yellow fever (091)			
	1958-62	1962	1963		1958-62	1962	1963		1958-62	1962	1963	
	Median	Number	Number	Rate	Median	Number	Number	Rate	Median	Number	Number	Rate
Argentina	18351	≠ 10246	19890	91.6	-	≠ -	-	-	-	-	-	-
Bolivia	516	511	307	8.5	...	...	...	...	2	-	81	2.3
Brazil	...	...	a) 3953	25.7	...	...	...	...	2	1	-	-
Canada	6932	8076	6136	32.4	*	*	*	*	-	-	-	-
Chile	5030	2352	6462	78.6	*	-	-	-	-	-	-	-
Colombia (b)	34311	28990	28520	201.7	463	416	351	2.5	21	30	10	0.1
Costa Rica	1339	1104	3353	249.5	-	-	-	-	-	-	-	-
Cuba	151	151	93	1.3	-	-	-	-	-	-	-	-
Dominican Republic	3098	1507	2973	89.2	294	285	42	1.3	-	-	-	-
Ecuador	...	...	...	...	...	...	...	...	-	-	-	-
El Salvador	c) 2188	c) 3049	3709	136.3	c)	c)	-	-	-	-	-	-
Guatemala	2322	2322	2185	52.3	*	*	*	*	-	-	-	-
Haiti	3050	3621	≠ 2196	49.4	358	271	≠ 81	1.8	-	-	-	-
Honduras	1362	c) 3702	c) 3312	331.2	...	*	*	*	-	-	-	-
Jamaica	1109	3157	3203	189.9	296	317	169	10.0	-	-	-	-
Mexico	38826	30562	42884	111.6	...	...	...	...	-	-	-	-
Nicaragua	611	≠ 189	54	3.5	...	...	...	...	-	-	-	-
Panama	378	1023	554	47.1	3	...	5	0.4	-	-	-	-
Paraguay (b)	1577	1577	1790	162.7	-	...	1	0.1	-	-	-	-
Peru (b)	13266	9295	19911	413.5	88	41	32	0.7	6	20	49	0.5
Trinidad and Tobago	374	632	849	92.1	957	d) 722	d) 915	99.2	-	-	-	-
United States	17749	17749	17135	9.1	...	...	*	*	-	-	-	-
Uruguay	994	331	2714	91.8	-	-	-	-	-	-	-	-
Venezuela (b)	7172	6263	9490	171.7	250	373	133	2.4	2	1	1	0.0
-----												
Antigua	8	≠ 1086	28	47.5	10	...	1	1.7	-	-	-	-
Bahama Islands	7	-	4	3.1	-	-	-	-	-	-	-	-
Barbados	*	*	*	*	-	*	*	*	-	-	-	-
Bermuda	2	-	-	-	-	-	...	...	-	-	-	-
British Guiana	* *	596	* 570	...	* 3	* 3	* 40	...	-	-	-	-
British Honduras	7	104	-	-	-	-	-	-	-	-	-	-
Canal Zone	2	-	-	-	-	-	-	-	-	-	-	-
Cayman Islands	...	-	-	-	...	-	-	-	-	-	-	-
Dominica	26	475	4422	7019.0	214	40	54	85.7	-	-	-	-
Falkland Islands	-	-	...	...	-	-	...	...	-	-	-	-
French Guiana	6	22	38	108.6	...	...	-	-	-	-	-	-
Grenada	26	...	...	...	2	7	-	-	-	-	-	-
Guadeloupe	5	5	≠ -	-	-	-	...	...	-	-	-	-
Martinique	7	92	4	1.3	*	-	-	-	-	-	-	-
Montserrat	...	...	...	...	...	...	...	...	-	-	-	-
Netherlands Antilles	*	*	*	*	*	*	*	*	-	-	-	-
Puerto Rico	676	676	748	29.7	-	-	-	-	-	-	-	-
St. Kitts-Nevis and Anguilla	4	-	-	-	-	-	-	-	-	-	-	-
St. Lucia	12	3401	8	8.5	125	415	592	629.8	-	-	-	-
St. Pierre and Miquelon	-	-	...	...	-	-	...	...	-	-	-	-
St. Vincent	45	...	7	8.3	...	...	...	...	-	-	-	-
Surinam	*	*	*	*	...	488	*	*	-	-	-	-
Turks and Caicos Islands	...	-	-	-	...	-	-	-	-	-	-	-
Virgin Islands (UK)	-	-	...	...	-	-	...	...	-	-	-	-
Virgin Islands (US)	-	≠ -	10	28.6	...	...	...	...	-	-	-	-

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

(b) Reporting area, except for yellow fever.

(c) Reporting area.

(d) Non-infectious, except 1 case in 1963.

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



TABLE II. REPORTED CASES OF OTHER NOTIFIABLE DISEASES WITH RATES PER 100,000 POPULATION IN THE AMERICAS, 1963

Disease and area	1958-62 Median	1962 Number	1963		Disease and area	1958-62 Median	1962 Number	1963	
			Number	Rate				Number	Rate
DENGUE (090)					LEPTOSPIROSIS (072) (cont.)				
Dominican Republic	494	822	350	10.5	Haiti	2	1	...	...
Jamaica	-	-	1578	93.5	Jamaica	8	10	27	1.6
Mexico	-	1	2	0.0	United States	71	79	89	0.0
United States	-	-	10	0.0	Venezuela (a)	5	2	4	0.1
Venezuela (a)	3	-	-	-	Barbados	-	9	42	17.6
Dominica	...	-	2	3.2	Martinique	-	-	1	0.3
Puerto Rico	-	-	25 737	1021.3	Puerto Rico	2	1	3	0.1
FILARIASIS (127)					PSITTACOSIS (096.2)				
Dominican Republic	118	56	60	1.8	Argentina	1	...	2	0.0
Guatemala	b) 4 950	b) 4 950	6232	149.2	Canada	2	-	5	0.0
Haiti	24	23	...	...	United States	113	79	76	0.0
Honduras	...	* a)	1	0.1	SCHISTOSOMIASIS (123)				
Mexico (b)	1855	178	166	0.4	Brazil	...	...	g) 65	1.5
Venezuela (a)	17	12	-	-	Dominican Republic	45	146	...	...
Antigua	29	...	12	20.3	United States	*	*	h) 325	1.8
British Guiana	* 3 701	* 3 701	* 1 376	...	Venezuela (a)	808	2 728	1 666	30.1
St. Kitts-Nevis and Anguilla	16	22	7	11.5	Puerto Rico	746	≠ 494	333	13.2
Surinam	*	343	c) 124	...	St. Lucia	54	...	-	-
Virgin Islands (US)	17	≠ 17	...	...	Surinam	...	...	i) ...	...
HYDATIDOSIS (125)					Virgin Islands (US)	4	≠ 16	≠ 10	28.6
Argentina	158	...	365	1.7	TRICHINIASIS (128)				
Chile	123	239	238	2.9	Argentina	16	...	5	0.0
Costa Rica	...	-	1	0.1	Canada	44	44	43	0.2
Peru (a)	147	159	121	2.5	Chile	52	74	91	1.1
United States	*	*	d) 1	0.1	El Salvador	...	a) 4	-	-
Uruguay	355	389	321	10.9	Panama	-	-	23	2.0
LEISHMANIASIS (120)					United States	194	194	208	0.1
Argentina	48	...	50	0.2	TRYPANOSOMIASIS (121)				
Bolivia	-	...	1	0.0	Argentina	1209	≠ 1700	2 239	10.3
Brazil	...	...	e) 3	1.6	Brazil	...	...	j) 90	2.0
Colombia (a)	219	167	343	2.4	Chile	*	*	2	0.0
Costa Rica	223	252	594	44.2	Costa Rica	-	-	1	0.1
Guatemala	* 57	* *	* 41	...	El Salvador	a) 16	a) 15	32	1.2
Honduras	...	a) 11	a) 4	0.4	Guatemala	* 57	*	* 86	...
Mexico	20	20	13	0.0	Honduras	2	a) 8	a) -	-
Panama	42	257	111	9.4	Panama	-	-	4	0.3
Paraguay (a)	346	333	300	27.3	Paraguay (a)	...	10	29	2.6
Peru (a)	836	623	488	10.1	Peru (a)	-	3	1	0.0
Venezuela (a)	865	865	851	15.4	Uruguay	2	2	3	0.1
LEPTOSPIROSIS (072)					Venezuela (a)	125	245	337	6.1
Argentina	2	...	4	0.0					
Brazil	...	...	f) 17	0.1					
Chile	*	-	10	0.1					

(a) Reporting area.

(b) Onchocerciasis.

(c) Data from Government clinic.

(d) Data for State of Oregon; not notifiable nationally.

(e) Data for Manaus City.

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

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

(h) Data for State of New York; not notifiable nationally.

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

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

TABLE II. REPORTED CASES OF OTHER NOTIFIABLE DISEASES WITH RATES  
PER 100,000 POPULATION IN THE AMERICAS, 1963 (continued)

Disease and area	1958-62 Median	1962 Number	1963		Disease and area	1958-62 Median	1962 Number	1963	
			Number	Rate				Number	Rate
TULAREMIA (059)					TYPHUS, FLEA-BORNE (MURINE) (101) (cont.)				
Canada	4	3	3	0.0	Dominican Republic	23	25	-	-
United States	390	328	327	0.2	Ecuador	11	11	13	0.3
TYPHUS, FLEA-BORNE (MURINE) (101)					El Salvador	a) 14	...	-	-
Argentina	-	...	2	0.0	Jamaica	1	1	-	-
Chile (k)	90	95	51	0.6	Mexico	95	84	70	0.2
Colombia (a)	432	355	353	2.5	Peru	1	3	2	0.0
Costa Rica	3	1	-	-	United States	52	32	35	0.0
					Venezuela (a)	13	7	11	0.2
					Puerto Rico	-	2	-	-

(a) Reporting area.

(k) Including unspecified typhus (107).

TABLE III. REPORTED CASES OF SELECTED NOTIFIABLE DISEASES BY MONTH IN THE AMERICAS, 1963

Disease and area	Total	Month or four-week period													Not stated
		Jan. I	Feb. II	Mar. III	April IV	May V	June VI	July VII	Aug. VIII	Sept. IX	Oct. X	Nov. XI	Dec. XII	Dec. XIII	
<b>AMEBIASIS (046)</b>															
Argentina	1 177	62	75	131	159	68	119	.	99	115	57	53	39	129	71
Canada	20	-	3	1	-	2	1	2	2	-	3	-	4	2	-
Chile	253	9	14	15	14	16	26	.	39	21	31	30	26	12	-
Cuba	1 493	44	89	92	56	80	150	.	340	208	180	55	96	103	-
Dominican Republic	1 235	90	83	43	103	141	118	.	92	90	76	89	163	147	-
El Salvador	2 056	67	148	207	144	289	212	.	218	171	208	171	137	106	-
Honduras (a)	b) 3 323	*	*	*	*	*	*	.	542	565	565	504	547	600	-
Jamaica	31	-	-	-	-	1	-	.	-	1	7	16	4	2	-
México	35 791	2 207	2 343	3 077	2 391	2 323	3 177	.	3 605	4 731	3 438	3 463	3 155	1 881	-
Nicaragua	462	38	83	40	21	39	26	.	50	54	21	27	38	25	-
Panama	810	93	85	117	48	35	42	.	60	32	124	85	16	73	-
Peru (a)	2 384	240	191	230	191	185	166	.	188	185	166	186	212	224	-
United States	2 886	215	245	220	231	217	305	.	208	254	224	284	279	204	-
Venezuela (a)	25 335	2 158	1 638	1 643	1 533	2 404	2 573	.	2 481	1 987	2 209	2 342	2 322	2 045	-
British Honduras	3	1	-	-	-	1	-	.	-	1	-	-	-	-	-
Canal Zone	6	-	1	-	-	-	-	.	-	-	2	2	-	1	-
Dominica	280	37	15	9	12	15	3	16	10	13	22	100	7	21	-
Guadeloupe	3	-	-	-	-	1	1	-	-	-	1	-	-	-	-
Puerto Rico	3	-	1	-	-	-	-	.	2	-	-	-	-	-	-
<b>DIPHTHERIA (055)</b>															
Argentina	3 983	243	237	349	433	430	549	.	280	209	216	263	270	431	73
Bolivia	62	-	-	-	16	15	-	.	16	8	3	1	-	3	-
Brazil (c)	3 058	127	128	200	179	206	226	.	224	173	123	115	86	111	1 160
Canada	76	5	12	15	18	2	2	1	-	-	2	7	2	4	6
Chile	1 520	178	143	144	149	165	173	.	141	92	66	97	96	76	-
Colombia (a)	696	40	43	53	33	51	50	53	80	60	66	37	55	25	50
Costa Rica	88	11	11	7	-	4	-	8	7	7	7	4	15	7	-
Cuba	923	94	102	84	85	77	58	.	87	61	72	75	60	68	-
Dominican Republic	512	49	33	34	15	40	55	.	56	55	75	31	48	21	-
Ecuador	335	17	13	17	33	22	32	38	40	35	17	32	23	16	-
El Salvador	257	4	20	5	10	8	4	.	27	27	39	43	40	30	-
Guatemala	29	6	2	5	1	5	1	1	2	2	-	1	2	1	-
Haiti	28	3	2	1	3	1	1	.	4	2	10	1	-	-	-
Honduras (a)	7	2	1	-	-	1	-	.	1	2	-	-	-	-	-
Jamaica	108	4	28	6	7	10	4	.	11	21	3	7	4	3	-
Mexico	488	38	47	58	33	27	25	.	45	45	33	48	58	31	-
Nicaragua	10	2	-	1	1	-	1	.	-	-	1	1	2	1	-
Panama	126	21	10	21	20	5	1	.	6	1	3	8	6	24	-
Paraguay (a)	35	1	2	3	3	3	2	.	6	5	1	3	5	1	-
Peru (a)	24	1	-	4	4	3	2	.	4	5	-	-	-	1	-
Trinidad and Tobago	69	5	11	3	2	6	7	.	4	8	4	5	7	7	-
United States	314	33	19	30	20	11	20	.	18	8	38	32	29	56	-
Uruguay	105	2	3	7	13	13	13	.	22	3	4	13	3	9	-
Venezuela (a)	453	43	25	30	15	17	26	.	47	41	54	62	32	61	-
Barbados	10	2	-	1	1	-	-	.	-	1	-	1	2	2	-
British Guiana	29	5	2	8	4	6	1	.	-	2	-	1	-	-	-

(a) Reporting area.

(b) Data for 6 months.

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

TABLE III. REPORTED CASES OF SELECTED NOTIFIABLE DISEASES BY MONTH IN THE AMERICAS, 1963 (continued)

Disease and area	Total	Month or four-week period												Not stated	
		Jan. I	Feb. II	Mar. III	April IV	May V	June VI	July VII	Aug. VIII	Sept. IX	Oct. X	Nov. XI	Dec. XII		
<b>DIPHTHERIA (055) (cont.)</b>															
Guadeloupe <sup>≠</sup>	12	1	-	-	-	1	1	-	2	-	1	2	4	-	-
Martinique	12	3	-	1	-	2	-	-	-	1	3	2	-	-	-
Netherlands Antilles	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico	15	-	1	7	-	1	1	.	1	1	-	2	1	-	-
St. Lucia	12	-	-	-	-	-	-	.	-	1	11	-	-	-	-
<b>HEPATITIS, INFECTIOUS (092)</b>															
Brazil (d)	424	14	21	25	27	36	36	.	27	26	14	27	26	25	120
Canada (e)	10 077	949	1 457	1 157	869	647	589	442	390	464	610	794	696	870	143
Chile	249	12	17	30	42	42	29	.	22	10	7	16	13	9	-
Costa Rica	684	42	41	55	60	55	60	57	55	55	53	70	60	21	-
Cuba	4 659	369	357	377	325	442	437	.	580	562	423	344	235	208	-
El Salvador	994	23	43	75	85	169	115	.	100	80	106	74	75	49	-
Honduras (a)	b) 49	*	*	*	*	*	*	.	10	14	14	2	2	7	-
Jamaica	100	6	6	10	1	7	14	.	12	2	11	8	7	16	-
Mexico	2 961	282	289	335	203	181	192	.	163	194	229	277	360	256	-
Panama	135	8	14	12	15	7	16	.	14	10	11	7	9	12	-
Paraguay (a)	182	6	11	14	21	13	18	.	22	12	14	24	11	16	-
Peru (a)	2 451	199	200	214	196	252	194	.	228	236	194	190	163	185	-
United States (e)	42 974	4 825	4 767	4 046	3 425	3 478	2 820	.	2 792	3 198	3 059	3 697	3 274	3 584	9
Uruguay	f) 227	...	...	...	...	...	36	.	33	39	46	34	24	15	-
Bermuda <sup>≠</sup>	8	-	1	-	-	1	-	.	-	1	2	1	1	1	-
British Honduras	3	1	-	-	-	-	-	.	-	1	-	-	-	1	-
Canal Zone (e)	14	3	1	3	1	3	1	.	-	1	-	-	1	-	-
Dominica	6	-	1	-	1	-	4	.	-	-	-	-	-	-	-
Puerto Rico (e)	949	11	33	115	97	53	77	.	73	94	98	98	62	138	-
St. Kitts-Nevis and Anguilla	19	2	2	1	2	1	-	.	1	1	2	1	2	4	-
Virgin Islands (US) (e)	3	-	-	-	-	-	-	.	-	-	3	-	-	-	-
<b>MALARIA (110-117)</b>															
Argentina	825	288	96	70	51	75	107	.	36	39	13	12	22	16	-
Bolivia	215	39	11	26	10	30	8	.	13	13	23	17	17	8	-
Canada	1	-	-	-	-	-	-	.	-	1	-	-	-	-	-
Colombia (a)	16 226	1 043	1 038	1 167	1 113	1 354	1 285	1 173	1 097	1 026	1 120	995	1 200	769	1 846
Costa Rica (g)	1 224	81	70	55	56	53	59	81	113	198	224	101	80	53	-
Cuba (g)	833	136	85	81	61	87	55	.	73	90	56	28	40	41	-
Dominican Republic	8 027	620	583	471	549	744	833	.	742	726	633	609	893	624	-
El Salvador (g)	17 846	1 431	1 466	1 624	1 184	2 097	1 043	.	1 401	2 159	2 110	1 461	1 150	720	-
Guatemala (g)	15 116	348	411	539	726	811	1 142	.	1 761	862	4 811	711	1 776	1 218	-
Haiti <sup>≠</sup>	21 569	2 109	2 408	2 001	2 469	1 663	1 366	.	2 189	967	1 182	1 512	2 378	1 285	40
Honduras (g)	7 077	480	491	362	341	544	333	.	447	358	308	358	280	267	2 508
Jamaica	6	-	1	-	1	1	1	.	1	1	-	-	-	-	-
Mexico	11 267	436	556	619	691	637	788	.	1 264	1 473	1 090	1 172	1 596	945	-
Nicaragua (g)	11 700	802	829	845	824	1 133	979	.	983	1 644	1 515	1 029	726	591	-
Panama	2 426	210	278	170	210	145	56	.	476	161	231	89	86	314	-

(a) Reporting area.

(b) Data for 6 months.

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

(e) Including serum jaundice (N998.5 pt.).

(f) Data for 7 months.

(g) Cases specified as confirmed.

TABLE III. REPORTED CASES OF SELECTED NOTIFIABLE DISEASES BY MONTH IN THE AMERICAS, 1963 (continued)

Disease and area	Total	Month or four-week period													
		Jan. I	Feb. II	Mar. III	April IV	May V	June VI	July VII	Aug. VIII	Sept. IX	Oct. X	Nov. XI	Dec. XII	Not stated	
<b>MALARIA (110-117) (cont.)</b>															
United States	99	7	8	4	11	5	8	.	15	7	10	13	1	9	1
Uruguay (h)	1	-	1	-	-	-	-	.	-	-	-	-	-	-	-
Venezuela (g, i)	2 390	149	100	126	98	226	249	.	260	232	226	285	237	202	-
British Guiana	495	36	54	14	2	-	11	.	22	37	90	121	97	11	-
British Honduras (g)	17	2	-	-	2	-	-	.	-	-	-	-	4	9	-
Canal Zone	4	-	1	-	1	-	2	.	-	-	-	-	-	-	-
French Guiana	103	-	-	-	-	-	-	.	-	-	2	1	-	2	98
St. Lucia (g)	7	-	-	-	-	5	1	.	-	1	-	-	-	-	-
Surinam (g)	1 882	482	154	217	71	65	29	.	202	111	81	163	167	140	-
<b>MEASLES (08b)</b>															
Argentina	16 428	2 117	920	442	695	723	1 173	.	1 034	1 353	1 923	1 495	1 811	2 383	359
Bolivia	213	30	16	10	6	12	10	.	22	18	22	16	48	8	-
Brazil (c)	5 486	417	114	96	154	204	177	.	408	446	653	558	872	360	1 027
Chile	28 543	4 692	2 645	1 753	1 739	2 096	2 220	.	2 682	2 140	1 357	2 014	2 353	2 852	-
Colombia (a)	36 756	2 366	2 366	2 921	3 018	3 172	3 148	2 941	2 230	2 429	2 756	2 678	2 468	1 802	2 461
Costa Rica	3 806	203	180	122	182	343	293	290	199	383	416	507	427	261	-
Cuba	6 799	1 458	1 628	1 322	656	450	451	.	278	114	88	134	120	100	-
Dominican Republic	4 489	134	178	220	415	510	620	.	477	371	549	439	373	203	-
El Salvador	6 876	327	678	571	398	478	333	.	498	381	521	1 014	947	730	-
Guatemala	2 548	95	150	279	274	301	292	239	177	175	131	133	155	147	-
Honduras (a)	3 382	247	181	285	305	369	252	.	289	255	385	268	313	233	-
Jamaica	4 207	222	585	886	823	697	349	.	172	222	48	105	59	39	-
Mexico	53 864	2 478	3 968	6 636	5 494	6 016	7 711	.	5 776	4 944	2 737	2 703	2 802	2 599	-
Nicaragua	189	32	11	31	6	23	18	.	8	3	4	6	25	22	-
Panama	3 154	613	240	399	122	147	220	.	150	83	112	108	68	892	-
Paraguay (a)	656	55	13	21	22	27	75	.	66	74	74	61	35	32	-
Peru (a)	14 530	1 842	1 291	1 156	776	952	991	.	932	1 430	1 474	1 497	964	1 225	-
United States	385 156	38 287	47 239	62 786	70 088	71 830	42 439	.	15 594	5 031	3 227	4 822	9 254	14 552	7
Uruguay	638	159	57	21	6	12	44	.	64	92	64	54	45	20	-
Venezuela (a)	36 798	3 210	2 976	3 800	3 174	3 110	2 551	.	3 018	3 405	3 210	3 121	2 678	2 545	-
Antigua	978	-	-	-	6	3	65	168	237	160	96	141	69	33	-
Bermuda	7	1	1	2	-	1	1	.	-	-	1	-	-	-	-
British Guiana	1 623	62	112	239	67	8	19	.	2	2	9	15	2	-	1 086
British Honduras	371	1	-	-	1	22	27	.	37	33	26	27	110	87	-
Canal Zone	34	11	12	8	1	-	2	.	-	-	-	-	-	-	-
Cayman Islands	4	-	1	1	1	-	-	.	-	-	-	1	-	-	-
Dominica	1 178	-	-	-	2	-	-	17	53	19	204	436	337	110	-
Guadeloupe	1	-	-	-	-	-	-	.	-	-	-	-	-	1	-
Martinique	19	1	-	-	2	-	-	.	-	14	1	1	-	-	-
Puerto Rico	1 528	91	56	81	66	53	69	.	48	59	100	248	266	391	-
St. Kitts-Nevis and Anguilla	681	-	-	-	1	12	-	.	-	-	1	14	89	564	-
St. Lucia	1 344	-	89	62	440	177	17	.	-	-	-	-	-	-	559
Virgin Islands (US)	23	-	-	-	-	-	-	.	-	-	-	5	12	6	-

(a) Reporting area.

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

(g) Cases specified as confirmed.

(h) Imported case.

(i) Data exclude 463 cases acquired outside the country.

TABLE III. REPORTED CASES OF SELECTED NOTIFIABLE DISEASES BY MONTH IN THE AMERICAS, 1963 (continued)

Disease and area	Total	Month or four-week period													Not stat- ed
		Jan. I	Feb. II	Mar. III	April IV	May V	June VI	VII	July VIII	Aug. IX	Sept. X	Oct. XI	Nov. XII	Dec. XIII	
<b>POLIOMYELITIS (080)</b>															
Argentina (j)	955	106	126	127	104	100	48	.	46	32	30	52	61	123	-
Bolivia	1	-	-	1	-	-	-	.	-	-	-	-	-	-	-
Brazil (c)	914	53	58	58	40	42	32	.	48	59	61	92	92	98	183
Canada (j)	123	-	-	-	1	1	2	-	20	53	23	12	8	3	-
Chile	115	7	7	10	8	12	8	.	10	12	7	9	10	15	-
Colombia (a)	397	35	42	36	19	34	26	28	23	26	26	27	32	26	17
Costa Rica	18	1	1	-	-	2	1	-	6	-	4	1	1	1	-
Cuba	1	-	-	-	-	-	-	.	-	-	1	-	-	-	-
Dominican Republic (j)	357	5	-	6	1	2	7	.	11	136	147	37	2	3	-
Ecuador (j)	169	27	21	15	21	18	12	10	9	4	9	6	8	9	-
El Salvador (j)	95	2	2	9	4	12	20	.	17	3	12	5	2	7	-
Guatemala	176	8	6	9	18	13	6	31	27	14	12	21	6	5	-
Haiti (j) ≠	5	1	1	1	-	1	-	.	-	-	-	-	1	-	-
Honduras (a, j)	27	1	-	-	-	-	-	.	7	12	3	2	1	1	-
Jamaica	15	1	4	2	1	1	-	.	-	3	-	2	1	-	-
Mexico	486	21	30	31	28	38	40	.	49	71	36	34	81	27	-
Nicaragua (j)	151	7	8	47	20	19	14	.	5	4	5	9	7	6	-
Panama	13	1	-	1	-	-	4	.	2	2	-	2	1	-	-
Paraguay (a)	67	2	7	3	17	11	7	.	4	2	5	4	3	2	-
Peru (a)	581	25	20	23	14	38	36	.	64	72	95	98	58	38	-
Trinidad and Tobago	15	4	3	3	-	1	1	.	-	-	2	-	-	1	-
United States	449	10	10	8	14	11	42	.	56	97	74	51	46	30	-
Uruguay	2	-	1	1	-	-	-	.	-	-	-	-	-	-	-
Venezuela (a, j)	316	27	40	34	24	28	34	.	33	22	27	14	15	18	-
Barbados	79	-	-	-	4	22	50	.	3	-	-	-	-	-	-
British Guiana	311	263	28	8	-	-	-	.	-	3	9	-	-	-	-
Martinique	5	2	1	1	-	-	-	.	1	-	-	-	-	-	-
Puerto Rico	5	-	-	3	-	1	-	.	-	-	1	-	-	-	-
St. Kitts-Nevis and Anguilla	2	-	-	1	1	-	-	.	-	-	-	-	-	-	-
Surinam (j)	40	10	26	3	1	-	-	.	-	-	-	-	-	-	-
<b>TYPHOID FEVER (040)</b>															
Argentina (k)	2012	298	204	176	211	143	112	.	42	67	87	142	116	238	176
Bolivia	62	1	2	-	5	6	1	.	2	7	13	10	7	8	-
Brazil (c, k)	4965	64	63	67	108	45	37	.	41	54	48	70	44	63	4261
Canada (k)	147	12	7	9	8	13	12	9	15	22	18	7	8	7	-
Chile (k)	4185	770	445	511	421	463	247	.	184	97	141	254	313	339	-
Colombia (a, k)	11 971	729	869	899	809	978	922	974	743	841	798	764	856	750	1039
Costa Rica	85	6	3	3	6	9	5	3	20	10	6	9	2	3	-
Cuba	420	43	27	27	49	40	45	.	49	22	30	43	25	20	-
Dominican Republic	1 166	100	89	74	73	143	138	.	97	83	108	95	103	63	-
Ecuador (k)	3010	410	296	228	242	223	232	212	150	166	194	206	201	250	-
El Salvador (k)	1 116	20	44	91	109	126	134	.	137	107	113	103	58	74	-
Guatemala	879	54	45	32	68	63	105	99	71	102	78	60	39	63	-
Haiti ≠	395	62	27	34	20	13	18	.	30	23	36	43	42	47	-
Honduras (a, k)	646	9	69	56	53	79	99	.	81	41	36	49	23	51	-
Jamaica	259	12	32	9	7	27	23	.	9	47	31	31	14	17	-

(a) Reporting area.

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

(j) Paralytic poliomyelitis (080.0, 080.1).

(k) Including paratyphoid (041).

TABLE III. REPORTED CASES OF SELECTED NOTIFIABLE DISEASES BY MONTH IN THE AMERICAS, 1963 (continued)

Disease and area	Total	Month or four-week period												Not stated	
		Jan. I	Feb. II	Mar. III	April IV	May V	June VI	July VII	Aug. VIII	Sept. IX	Oct. X	Nov. XI	Dec. XII		Dec. XIII
<b>TYPHOID FEVER (040) (cont.)</b>															
Mexico	5 980	347	366	577	471	455	557	.	585	733	493	658	468	270	-
Nicaragua	335	8	15	27	19	45	36	.	28	62	27	26	29	13	-
Panama	11	2	-	-	-	1	1	.	1	1	-	2	-	3	-
Paraguay (a, k)	89	11	3	10	7	5	2	.	4	2	5	21	9	10	-
Peru (a, k)	5 047	483	443	477	414	498	418	.	405	449	333	380	365	382	-
Trinidad and Tobago	62	6	6	6	11	6	1	.	2	1	8	2	7	6	-
United States	566	34	32	40	25	41	40	.	64	82	77	62	37	31	1
Uruguay	246	35	46	32	25	17	8	.	6	9	8	11	18	31	-
Venezuela (a, k)	522	54	37	29	33	38	39	.	68	51	53	47	48	25	-
Antigua	9	1	-	-	1	-	6	-	-	-	1	-	-	-	-
Barbados	12	-	-	-	1	-	-	.	-	1	2	3	-	5	-
Bermuda	2	-	-	-	1	-	1	.	-	-	-	-	-	-	-
British Guiana	228	19	22	24	22	17	11	.	12	29	27	20	13	12	-
British Honduras	46	2	-	3	8	2	2	.	11	2	10	2	-	4	-
Dominica (l)	69	2	4	1	-	2	8	7	8	5	5	3	9	15	-
French Guiana	5	1	-	-	-	-	2	.	1	1	-	-	-	-	-
Guadeloupe	17	-	1	-	1	-	-	7	3	-	2	3	-	-	-
Martinique (k)	218	14	13	12	12	10	7	.	9	25	14	50	33	19	-
Netherlands Antilles	5	-	-	-	-	-	-	1	1	-	-	3	-	-	-
Puerto Rico	17	-	3	-	1	3	3	.	1	-	-	1	2	3	-
St. Lucia (k)	30	-	-	1	2	1	1	.	-	1	5	17	1	1	-
Surinam	14	-	1	3	-	2	2	.	-	-	-	2	1	3	-
<b>WHOOPING COUGH (056)</b>															
Argentina	19 890	1 676	853	745	661	916	1 229	.	1 231	1 873	1 536	2 193	2 497	3 809	671
Bolivia	307	10	17	12	18	43	16	.	23	40	34	26	50	18	-
Brazil (c)	3 953	424	178	191	348	276	244	.	177	163	165	285	222	216	1 064
Canada	6 136	801	618	619	298	427	341	219	448	418	483	480	506	470	8
Chile	6 482	776	772	512	307	347	354	.	381	348	455	808	826	576	-
Colombia (a)	28 520	1 661	1 685	1 949	1 987	2 465	2 266	2 048	1 983	1 944	2 180	1 980	2 105	1 706	2 561
Costa Rica	3 353	234	197	182	137	227	275	391	436	392	362	224	188	108	-
Cuba	93	18	11	8	1	5	9	.	6	6	11	2	8	8	-
Dominican Republic	2 973	226	260	224	188	269	258	.	259	295	211	236	275	272	-
El Salvador	3 709	244	296	309	213	322	240	.	375	285	300	439	415	271	-
Guatemala	2 185	105	154	167	160	221	159	267	210	201	167	170	78	126	-
Haiti	2 196	284	189	194	281	279	155	.	206	122	119	133	79	49	106
Honduras (a)	3 312	253	234	244	372	331	241	.	404	256	375	198	211	193	-
Jamaica	3 203	364	282	375	502	698	289	.	185	202	81	108	57	60	-
Mexico	42 884	2 051	2 638	4 236	3 017	2 707	3 051	.	2 579	3 905	3 804	5 541	5 950	3 405	-
Nicaragua	54	1	11	10	1	-	1	.	9	9	5	4	3	-	-
Panama	554	73	40	43	11	39	46	.	41	46	46	51	22	96	-
Paraguay (a)	1 790	107	114	102	97	132	130	.	207	192	172	197	190	150	-
Peru (a)	19 911	2 518	2 060	1 604	1 089	1 065	1 017	.	1 594	1 826	1 731	1 666	1 891	1 850	-
United States	17 135	1 519	1 434	1 335	1 238	1 643	1 377	.	1 732	1 596	1 647	1 409	1 283	916	6
Uruguay	2 714	101	105	81	74	125	214	.	376	378	232	322	423	283	-
Venezuela (a)	9 490	781	526	584	489	571	653	.	1 003	1 113	957	848	812	1 153	-

(a) Reporting area.

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

(k) Including paratyphoid (041)

(l) Including paratyphoid (041) and other salmonella infections (042).

TABLE III. REPORTED CASES OF SELECTED NOTIFIABLE DISEASES BY MONTH IN THE AMERICAS, 1963 (continued)

Disease and area	Total	Month or four-week period													Not stated
		Jan. I	Feb. II	Mar. III	April IV	May V	June VI	July VII	Aug. IX	Sept. X	Oct. XI	Nov. XII	Dec. XIII		
WHOOPING COUGH (0b6) (cont.)															
Antigua	28	7	17	-	1	2	-	-	-	-	1	-	-	-	-
Dominica	4 422	531	711	1 169	1 151	606	122	51	31	14	22	1	13	-	-
French Guiana	38	-	2	18	4	-	12	.	2	-	-	-	-	-	-
Martinique	4	-	-	-	-	4	-	.	-	-	-	-	-	-	-
Puerto Rico	748	145	125	134	76	62	27	.	15	47	28	38	13	38	-
St. Lucia	8	-	3	4	-	-	-	.	-	1	-	-	-	-	-
Virgin Islands (US)	10	-	-	-	-	-	-	.	-	-	10	-	-	-	-



TABLE IV. REPORTED CASES OF SELECTED NOTIFIABLE DISEASES BY AGE IN THE AMERICAS, 1963

Disease and area	Total	Age group in years														Not stated			
		0-5 mos.	6-11 mos.	1	2	3	4	5-9	10-14	15-19	20-24	25-44	45-64	65-74	75 and over				
<b>DIPHTHERIA (055)</b>																			
Argentina	3 983	—	4	—	—	33	—	—	42	30	21	10	44	—	6	—	3 793		
Bolivia	62	—	4	9	3	4	8	21	9	2	—	2	—	—	—	—	—		
Brazil (a)	340	3	10	47	58	40	42	113	20	2	1	3	1	—	—	—	—		
Canada (b)	76	—	1	—	—	17	—	17	6	3	c)	3	c)	2	c)	2	25		
Chile	1 520	—	75	—	—	394	—	476	195	104	81	137	19	—	8	—	31		
Colombia (d)	696	—	143	—	—	293	—	—	145	—	—	104	—	—	11	—	—		
Costa Rica	88	—	8	—	—	40	—	12	6	—	6	—	16	—	—	—	—		
Jamaica	108	5	5	22	21	19	10	15	6	—	2	—	1	—	—	—	2		
Mexico	488	22	24	138	e)	103	e)	124	—	—	—	—	71	—	—	—	6		
Nicaragua	10	—	1	—	1	—	—	3	1	—	1	2	—	—	—	—	—		
Panama	126	—	6	32	14	22	10	18	7	—	—	—	—	—	—	—	17		
Paraguay (d)	35	—	3	f)	—	20	f)	9	—	—	—	—	3	—	—	—	—		
Peru (d)	24	—	2	—	2	4	—	7	5	2	—	g)	g)	—	g)	2	g)		
Trinidad and Tobago	69	—	—	3	8	12	10	29	3	1	—	2	1	—	—	—	—		
United States	314	—	6	—	—	88	—	128	—	44	—	—	41	—	—	—	7		
Uruguay	105	1	3	7	2	4	7	33	18	17	4	9	—	—	—	—	—		
Venezuela (h)	228	—	5	21	34	35	19	53	33	7	5	12	1	—	—	—	3		
Barbados	10	—	—	1	—	4	1	4	—	—	—	—	—	—	—	—	—		
British Guiana	29	—	5	2	5	2	2	10	2	—	—	1	—	—	—	—	—		
Puerto Rico	15	—	—	3	2	2	1	5	1	—	1	—	—	—	—	—	—		
<b>DYSENTERY, ALL FORMS (045-048)</b>																			
Argentina	29 767	—	1 814	—	—	1 515	—	61	21	13	17	47	—	—	15	—	26 264		
Bolivia (i)	11	1	—	3	2	1	1	1	1	1	—	—	—	—	—	—	—		
Brazil (a)	2	—	—	—	1	—	—	—	—	—	—	1	—	—	—	—	—		
Canada (b)	4 165	—	330	—	—	407	—	158	68	37	c)	95	c)	48	c)	28	2 994		
Costa Rica	4 511	—	382	—	—	1 901	—	766	409	285	—	475	233	—	50	—	10		
Jamaica	191	16	33	33	7	7	3	14	13	6	7	34	8	6	1	1	3		
Mexico (j)	39 942	731	1 510	4 591	c)	5 038	e)	9 106	—	—	—	—	14 992	—	—	—	3 974		
Panama	1 333	—	15	15	15	46	48	46	108	222	216	419	123	—	—	—	62		
Paraguay (d)	1 018	—	171	f)	—	279	f)	124	—	—	—	444	—	—	—	—	—		
Peru (d)	20 269	—	3 950	2 918	1 855	1 186	919	1 842	868	1 008	1 137	g)	2 471	g)	1 259	g)	396	g)	199
Uruguay	9	1	—	2	1	1	—	—	1	1	—	2	—	—	—	—	—		
Bahama Islands	249	3	10	25	40	48	27	36	4	3	9	18	20	4	1	—	1		
British Honduras	13	—	—	—	2	—	—	—	—	—	2	2	7	—	—	—	—		
Canal Zone	13	—	—	—	1	—	—	2	—	1	8	1	—	—	—	—	—		
French Guiana	16	—	—	—	—	—	—	—	—	—	16	—	—	—	—	—	—		
Puerto Rico	18	1	1	—	1	—	—	2	—	3	—	2	2	—	—	—	1		
<b>ENCEPHALITIS, ACUTE INFECTIOUS (082)</b>																			
Argentina	579	—	23	—	—	8	—	4	1	2	—	5	—	—	4	—	532		
Brazil (a)	1	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—		
Canada (b, k)	57	—	8	—	—	7	—	9	3	3	c)	11	c)	7	c)	3	6		

(a) City of São Paulo.

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

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

(d) Reporting area.

(e) Differing age grouping: 3-5, 6-14.

(f) Differing age grouping: 1-6, 7-14.

(g) Differing age grouping: 25-39, 40-59, 60-69, 70 and over.

(h) Organized reporting area.

(i) Bacillary dysentery (045)

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

(k) Arthropod-borne encephalitis (082.0).

TABLE IV. REPORTED CASES OF SELECTED NOTIFIABLE DISEASES BY AGE IN THE AMERICAS, 1963 (continued)

Disease and area	Total	Age group in years													Not stated
		0-5 mos.	6-11 mos.	1	2	3	4	5-9	10-14	15-19	20-24	25-44	45-64	65-75	
<b>ENCEPHALITIS, ACUTE INFECTIOUS (082) (cont.)</b>															
Colombia (d)	339	27			162			99		30			21		
Costa Rica	14	4		4				2		4					
Jamaica	2	-		-	-	-		1		-		1			
Paraguay (d)	39	10		15			9					5			
Peru (d)	53	13		8	8	3	2	6	1	1	2	6	2	1	
Trinidad and Tobago	1	-		-	-	-			1						
United States (b)	1993	100		338			530	209	107	81		390			238
Uruguay	36	17	7	5			1			2		3		1	
Venezuela (h, k)	171	9	7	5	10	7	4	23	31	19	15	26	12	2	1
Bahama Islands	3	-		-	1		1						1		
British Honduras	1	-		-		1									
Puerto Rico	18	-	1	2	3	2	2	3	2	2		1			
<b>GONOCOCCAL INFECTION (030-035)</b>															
Argentina	10 310	2		4			3	25	409	396		504		84	8 883
Bolivia	62	-		-	-	-	2	2	13	18		21	4	-	2
Canada (b)	19 411	9		12			18	118	2 801	12 767		15 69		111	2 006
Colombia (d, l)	46 285	93		183			2 761		40 986					2 282	
Costa Rica	2 227	5		25			34	42	992		1 085	33		1	10
Jamaica	34 228	8	2	3	28	38	27	153	255	7 232	10 880	12 622	1 114	45	1 820
Panama	649	-		-	-	6		6	6	155	168	239	43	6	20
Paraguay (d)	473	2		1			2					468			
Peru (d)	8 086	36		5	18	22	35	427	834	1 770	2 218	2 287	347	30	3
United States	278 289			4 048						54 509	98 541		121 191		
Uruguay	227	1		1			1	8	33	71		97	8	2	5
Bahama Islands	17	-		-	-	-	-	-	-	1		2	1	-	13
Canal Zone	94	-		-	-	-	-	4	26	21		29	14	-	
French Guiana	129	-		-	-	-	-	2	17	47		51	11	-	1
St. Lucia	716	1		2	1	3	5	5	28	141	154	301	22	3	49
Surinam (m)	1 664	1	1				2	9	7	234	541	815	37		17
<b>HEPATITIS, INFECTIOUS (092)</b>															
Argentina	2 447	4		25			26	14	15	11		40		24	2 288
Brazil (a)	237	9	6	9	14	9	12	43	12	17	23	73	10	-	
Canada (b, n)	10 077	19		236			950	839	423	1 421		393		89	5 707
Costa Rica	684	8		181			187	61	65		119	54		9	
Jamaica	100	-		-	-	-	8	13	9	13		31	20	-	3
Mexico	2 961	23	21	298		438	495					1 631			55
Panama	135	-		-	-	27	28	52	14			14			
Paraguay (d)	182	7		36			45					94			
Peru (d)	2 451	40		91	162	137	98	171	75	127	383	774	303	64	3
United States (b, n)	42 974	98		1 440			8 013	6 710	4 833	4 128		13 552			4 200

(a) City of São Paulo.

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

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

(d) Reporting area.

(e) Differing age grouping: 3-5, 6-14.

(f) Differing age grouping: 1-6, 7-14.

(g) Differing age grouping: 25-39, 40-59, 60-69, 70 and over.

(h) Organized reporting area.

(k) Arthropod-borne encephalitis (082.0).

(l) Excluding blennorrhagic ophthalmia of newborn.

(m) Data from two Government clinics.

(n) Including serum jaundice (N998.5 pt.).

TABLE IV. REPORTED CASES OF SELECTED NOTIFIABLE DISEASES BY AGE IN THE AMERICAS, 1963 (continued)

Disease and area	Total	Age group in years														Not stated
		0-5 mos.	6-11 mos.	1	2	3	4	5-9	10-14	15-19	20-24	25-44	45-64	65-74	75 and over	
<b>HEPATITIS, INFECTIOUS (092) (cont.)</b>																
Uruguay (c)	227	-	3	2	2	9	6	48	26	29	21	41	19	7	8	6
Bahama Islands	9	-	-	-	-	-	-	1	-	-	-	5	1	1	1	-
British Honduras	3	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-
Canal Zone (n)	14	-	-	-	1	-	-	1	5	-	1	5	1	-	-	-
Puerto Rico (n)	949	-	-	7	17	43	74	293	188	115	70	96	35	5	1	5
Virgin Islands (US) (n)	3	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-
<b>INFLUENZA (480-483)</b>																
Argentina	49 640	440		1 018				762	523	561	461	1 594	933		43 348	
Bolivia	373	27	28	36	21	28	16	43	26	17	21	62	33	8	-	7
Colombia (d)	73 286	13 217		19 973				16 127		17 348			6 601			-
Costa Rica	18 572	2 908		5 147				2 077	1 105	2 007		3 644	1 312	348		24
Jamaica	14 242	287	505	867	796	601	558	1 346	768	657	802	3 082	2 185	475	210	1 103
Panama	4 682	295	220	286	159	183	127	590	286	243	445	899	389	42	32	486
Paraguay (d)	18 854	4 810		6 885				11 983			5 376			-		
Peru (d)	46 775	5 975		4 124	3 345	2 767	2 331	5 005	2 856	2 878	3 086	7 959	3 744	1 062	561	1 082
Uruguay	10 090	153	93	71	45	49	42	114	123	194	161	490	415	160	253	7 727
Bahama Islands	6	-	-	-	-	-	-	-	-	-	-	5	1	-	-	-
British Honduras	28	-	-	-	-	-	-	-	-	-	2	19	7	-	-	-
<b>LEPROSY (080)</b>																
Bolivia	18	-	-	-	-	1	-	-	-	1	-	9	7	-	-	-
Canada (b)	3	-	-	-	-	-	-	-	-	-	-	-	1	-	-	2
Colombia (d)	292	5		2				22		169			94			-
Costa Rica	35	-	-	-	-	1	-	1	2	7		17	4	3		-
Jamaica	27	-	-	-	-	-	-	5	-	-	1	7	8	2	-	4
Panama	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
Paraguay (d)	425	-	-	6				6			413			-		
Peru (d)	59	-	-	-	-	1	-	2	5	6	7	13	15	5	4	1
Trinidad and Tobago	38	-	-	-	-	1	-	7	1	5	1	13	9	1	-	-
Uruguay	19	-	-	-	-	-	-	-	-	1	1	5	10	2	-	-
Barbados	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
British Guiana	25	-	-	-	-	-	1	2	11	2	1	5	2	1	-	-
French Guiana	78	-	-	-	2	1	5	24	14	2	5	8	13	2	-	2
Puerto Rico	7	-	-	-	-	-	-	-	-	-	-	3	2	2	-	-
St. Lucia	3	-	-	-	-	-	-	-	-	1	-	1	-	1	-	-
Surinam	201	-	-	1	5	11	65	37	14	14	14	35	15	2	2	-
<b>MALARIA (110-117)</b>																
Argentina	825	2	4	12	26	20	20	101	111	123	93	224	67	13	5	4
Bolivia	215	1	5	16	9	10	10	29	29	23	13	56	12	-	-	2
Brazil (a)	20	-	-	1	-	-	1	1	1	3	6	7	-	-	-	-
Canada	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-

(a) City of São Paulo.

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

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

(d) Reporting area.

(f) Differing age grouping: 1-6, 7-14.

(g) Differing age grouping: 25-39, 40-59, 60-69, 70 and over.

(n) Including serum jaundice (N998.5 pt.).

(o) Data for 7 months.

TABLE IV. REPORTED CASES OF SELECTED NOTIFIABLE DISEASES BY AGE IN THE AMERICAS, 1963 (continued)

Disease and area	Total	Age group in years															Not stat-ed
		0-5 mos.	6-11 mos.	1	2	3	4	5-9	10-14	15-19	20-24	25-44	45-64	65-74	75 and over		
<b>MALARIA (110-117) (cont.)</b>																	
Colombia (d)	16 226	994		2 277				4 188			7 076			1 691			-
Costa Rica	1 224	31		266				459			213		174	64	9	8	
Jamaica	6	-	-	-	-	-	-	1	-	1	-	3	-	-	1	-	
Panama	2 426	38	-	-	32	91	270	177	208	327	900	240	31	-	-	114	
Paraguay	3 491	128	f)	636				920			1 806					1	
Peru	1 743	25		58	91	117	89	378	256	197	185	g) 226	g) 78	g) 9	g) 6	28	
Bahama Islands	3	-	-	-	-	-	-	-	-	1	-	1	-	-	-	1	
British Honduras	17	-	-	-	-	1	3	1	3	1	2	1	5	-	-	-	
Canal Zone	4	-	-	-	-	-	-	-	-	2	1	-	-	1	-	-	
French Guiana	103	-	-	1	1	-	-	1	-	-	-	1	1	-	-	98	
St. Lucia	7	-	-	-	-	-	2	2	2	-	-	-	1	-	-	-	
Surinam	1 882	53	64	153	204	183	167	454	161	83	78	137	26	7	-	112	
<b>MEASLES (085)</b>																	
Argentina	16 428	275		1 264				556	162	68	38	31	5			14 029	
Bolivia	213	6	16	38	26	32	20	56	13	2	2	2	-	-	-	-	
Brazil (a)	1 737	35	252	521	329	210	128	205	23	12	15	6	1	-	-	-	
Chile	28 543	6 893		17 129				3 003	652	205	123	90	9	15		419	
Colombia (d)	36 756	11 204		17 378				7 288			790			96			-
Costa Rica	3 806	458		2 153				888	167	101		25	2	1		11	
Jamaica	4 207	38	208	703	609	487	341	1 217	232	91	64	94	10	2	48	63	
Panama	3 154	56	204	514	530	315	218	543	196	126	101	82	-	-	-	269	
Paraguay (d)	555	123	f)	280				91			61					-	
Peru (d)	14 530	2 036		2 956	2 552	1 955	1 510	2 520	540	162	61	g) 41	g) 6	g) 1	1	189	
Uruguay	638	39	75	118	54	54	46	170	29	14	4	5	-	-	-	30	
Venezuela (h)	12 291	403	1 476	2 730	2 320	1 672	1 040	2 072	374	78	47	48	2	-	1	28	
British Honduras	371	10	40	29	61	53	32	84	18	1	1	1	-	-	-	41	
Canal Zone	34	-	1	1	4	1	4	20	1	-	1	1	-	-	-	-	
<b>MENINGOCOCCAL INFECTIONS (057)</b>																	
Argentina	812	16		9				4	3	3	2	7	1			767	
Bolivia	5	-	-	-	-	-	1	1	-	-	1	-	1	-	-	1	
Brazil (a)	112	24	5	9	8	11	5	18	9	10	2	7	4	-	-	-	
Canada (b)	111	16		11				10	1	-	c) 3	c) 1	c) 1	-	-	69	
Colombia (d)	341	148		108				44			30			11			-
Costa Rica	10	-	-	9				-	1	-	-	-	-	-	-	-	
Jamaica	12	1	1	-	1	1	4	1	1	-	-	1	-	-	-	1	
Paraguay (d)	8	5	f)	1				f)			2					-	
Peru (d)	74	10		8	5	4	6	13	6	5	4	g) 10	g) 3	g) -	g) -	-	
Trinidad and Tobago	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
United States	2 470	484		819				401			307			262			197
Uruguay	2	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	
Venezuela (h)	7	-	2	1	-	1	-	-	1	1	-	1	-	-	-	-	

(a) City of São Paulo.

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

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

(d) Reporting area.

(f) Differing age grouping: 1-6, 7-14.

(g) Differing age grouping: 25-39, 40-59, 60-69, 70 and over.

(h) Organized reporting area.

TABLE IV. REPORTED CASES OF SELECTED NOTIFIABLE DISEASES BY AGE IN THE AMERICAS, 1963 (continued)

Disease and area	Total	Age group in years														75 and over	Not stated
		0-5 mos.	6-11 mos.	1	2	3	4	5-9	10-14	15-19	20-24	25-44	45-64	65-74			
<b>MENINGOCOCCAL INFECTIONS (057) (cont.)</b>																	
Barbados	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Cayman Islands	1	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	
Puerto Rico	12	2	1	-	2	-	1	2	1	1	-	1	-	1	-	-	
<b>POLIOMYELITIS, ACUTE (080)</b>																	
Argentina (p)	955	40	184	306	137	74	36	74	31	21	21	31			-		
Bolivia	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	
Brazil (a)	517	42	173	206	66	20	5	10	3	1	1	-	-	-	-	-	
Canada (p)	123	31						33	39			18			2		
Chile	115	30		51			12	3	6	2	5	2	4		-		
Colombia (d)	397	97		205			46		39		10			-			
Costa Rica	18	2		10			3	1		2	-	-	-	-	-		
El Salvador (p)	95	16		44			7	-	-	-	-	-	-	-	28		
Jamaica	15	-	1	1	5	2	1	4	1	-	-	-	-	-	-		
Mexico	486	42	100	255		60		25		-	-	-	-	-	4		
Panama	13	-	-	2	6	1	-	2	-	-	1	-	-	-	1		
Paraguay (d)	67	15		46			4		2			-					
Peru (d)	581	207		249	70	27	8	16	1	2	1	-	-	-	-		
Trinidad and Tobago	15	-	-	1	6	2	1	3	1	-	1	-	-	-	-		
United States	449	27		188			97	53	21	17	44			2			
Uruguay	2	-	1	-	1	-	-	-	-	-	-	-	-	-	-		
Venezuela (h,p)	174	14	36	53	28	11	12	17	2	-	-	1	-	-	-		
<b>SCARLET FEVER (050)</b>																	
Argentina	565	3		2			2	2	1	1	-	-	-	-	554		
Bolivia	2	-	-	-	-	-	-	-	1	1	-	-	-	-	-		
Brazil (a)	450	3	4	14	30	42	57	198	65	13	10	14	-	-	-		
Canada (b, q)	9920	52		559			1037	436	268	382		122		25		7039	
Chile	2404	91		893			872	308	99	39	61	9	2		30		
Colombia (d)	451	207		105			107		26		6			-			
Costa Rica	35	5		9			12	5	4		-	-	-	-	-		
Jamaica	10	1	-	3	1	4	-	-	-	-	1	-	-	-	-		
Panama	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-		
Peru (d)	136	13		18	13	25	20	35	5	2	1	3	3	3	1		
Uruguay	201	3	3	13	9	13	12	96	37	8	2	2	-	-	3		
Canal Zone	3	-	-	-	-	-	-	2	-	-	-	1	-	-	-		
Puerto Rico (q)	489	-	2	2	7	13	17	175	130	41	20	34	6	2	40		

(a) City of São Paulo.

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

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

(d) Reporting area.

(e) Differing age grouping: 3-5, 6-14.

(f) Differing age grouping: 1-6, 7-14.

(g) Differing age grouping: 25-39, 40-59, 60-69, 70 and over.

(h) Organized reporting area.

(p) Paralytic poliomyelitis (080.0, 080.1).

(q) Including streptococcal sore throat (051).

TABLE IV. REPORTED CASES OF SELECTED NOTIFIABLE DISEASES BY AGE IN THE AMERICAS, 1963 (continued)

Disease and area	Total	Age group in years														Not stated
		0-5 mos.	6-11 mos.	1	2	3	4	5-9	10-14	15-19	20-24	25-44	45-64	65-74	75 and over	
<b>SYPHILIS (020-029)</b>																
Argentina	6089	14				6		15	31	247	296	451		192		4837
Bolivia (r)	90	2	2	-	-	-	1	2	4	28	17	25	7	21	-	-
Canada (b)	2785	8				2		3	6	134	c) 1181	c) 709	c) 463		279	
Colombia (d, s)	9789	63				57		525		8412			732		-	
Costa Rica	1287	5				15		20	20	444		584	159	32	8	
Jamaica	2298	1	-	-	-	-	-	4	12	317	551	1042	317	35	5	14
Panama	200	-	-	-	-	-	-	-	-	22	39	69	42	7	8	13
Paraguay (d)	1616	7	f)			11		f)	7			1591			-	
Peru (d)	3879	29		14	3	4	5	130	340	733	907	g) 1048	g) 374	g) 51	g) 28	15
United States (r)	22 251					273				3 438	6 332	b) 9 544	b)	2 664		-
Uruguay	161	6	1	1	-	1	-	1	4	29	34	35	25	9	11	4
Bahama Islands	30	3	1	-	-	-	-	-	1	4	5	7	8	-	1	-
Canal Zone	10	-	-	-	-	-	-	-	-	-	3	5	2	-	-	-
French Guiana	48	-	-	-	-	-	-	-	-	8	13	20	4	2	-	1
St. Lucia	149	2	-	-	-	-	-	-	-	28	29	77	8	2	-	3
Surinam (m)	374	-	-	-	-	-	-	-	3	47	70	167	63	22	2	-
<b>TETANUS (061)</b>																
Argentina	710	138				3		4	4	1	-	4		8		548
Bolivia	24	-	3	-	1	2	-	8	1	-	4	2	2	1	-	-
Brazil (a)	176	45	2	1	1	6	1	29	31	9	9	20	21	-	-	1
Canada (b)	11	-	-	-	-	-	-	-	-	-	c)		c) 1	c)	-	10
Colombia (d)	1029	514				127		121		211				56		-
Costa Rica	94	33				8		18	5	4		18	8	-	-	-
Jamaica	154	69	1	5	4	1	10	15	10	13	1	11	6	2	-	6
Mexico	1054	327	33	22	e)	52	e)	188				371				61
Panama	89	23	-	6	-	-	1	20	9	9	-	7	2	3	6	3
Paraguay (d)	143	55	f)			15		f)	20			53				-
Peru (d)	213	138		4	2	3	1	19	13	4	5	g) 10	g) 12	g) 1	g) 1	-
United States	325	38				18		18	16	7	12		199			17
Uruguay	60	14	1	3	-	1	1	3	3	5	5	9	9	3	1	2
Venezuela (h)	301	133	4	5	9	7	7	24	12	10	16	48	22	3	1	-
Bahama Islands	12	5	-	-	-	1	-	-	-	-	3	3	-	-	-	-
French Guiana	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Puerto Rico	82	11	-	1	3	6	6	16	9	6	4	10	9	1	3	3
Surinam (u)	44	7	-	4	1	-	1	11	5	1	1	7	3	2	1	-
Virgin Islands (US)	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
<b>TUBERCULOSIS (001-019)</b>																
Argentina	24060	180				428		501	438	750	818	2659		1785		16501
Bolivia (v)	1365	9	14	21	15	10	13	90	77	144	171	468	238	71	-	24
Canada (b, w)	5705					702				426	c)	1093	c) 886	c)	723	1875
Colombia (d, v)	13 455	305				1740		2 306			6 139		2 365		-	
Costa Rica (v)	567	-	-	-	-	2		2	7	116		261	132	29	3	

(a) City of São Paulo.

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

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

(d) Reporting area.

(e) Differing age grouping: 3-5, 6-14.

(f) Differing age grouping: 1-6, 7-14.

(g) Differing age grouping: 25-39, 40-59, 60-69, 70 and over.

(h) Organized reporting area.

(m) Data for two Government clinics.

(r) Early syphilis (021).

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

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

(u) Data estimated from hospitalized cases and deaths.

(v) Respiratory tuberculosis (001-008).

(w) Newly reported active cases.

TABLE IV. REPORTED CASES OF SELECTED NOTIFIABLE DISEASES BY AGE IN THE AMERICAS, 1963 (continued)

Disease and area	Total	Age group in years														Not stated	
		0-5 mos.	6-11 mos.	1	2	3	4	5-9	10-14	15-19	20-24	25-44	45-64	65-74	75 and over		
<b>TUBERCULOSIS (001-019) (cont.)</b>																	
Jamaica	310	1	12	8	9	3	2	6	-	14	28	100	77	23	5	22	
Panama	1330	-	-	-	29	-	-	88	-	58	88	327	266	29	-	445	
Paraguay (d)	1344	18		65				30		1231						-	
Peru (d)	21460	267		396	354	359	346	1754	1590	2853	3137	6000	3017	831	429	127	
Trinidad and Tobago	384	-	1	3	5	4	1	21	15	31	19	101	123	31	12	17	
United States (w)	54042	3053			3368			4676		14892		17269		10105		679	
Uruguay	2226	11	12	14	5	6	10	42	53	127	188	825	649	190	77	17	
Barbados	72	1	-	-	2	2	1	1	-	5	6	20	28	4	2	-	
British Guiana	184	-	1	3	-	5	2	13	6	21	20	64	42	6	1	-	
British Honduras	95	2	4	3	10	6	6	15	3	3	6	20	14	2	-	1	
Canal Zone	16	-	-	-	-	-	-	1	1	-	4	5	4	1	-	-	
Cayman Islands	2	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	
French Guiana	40	-	-	1	-	-	1	1	1	1	-	17	13	3	2	-	
Puerto Rico (w)	1852	201			240			276		459		447		208		21	
St. Lucia	74	-	-	1	1	-	-	1	5	8	15	14	13	1	1	14	
Surinam	148	-	-	2	-	3	-	2	6	9	10	44	41	12	5	14	
Virgin Islands (US) (w)	7	-	-	-	-	-	-	-	-	2		2		1		-	
<b>TYPHOID FEVER (040)</b>																	
Argentina (x)	2012	2		34			83		101	77	54	192		55		1414	
Bolivia	62	-	-	2	2	3	1	10	16	6	8	11	1	1	-	1	
Brazil (a, x)	145	-	-	-	-	-	4	14	30	18	22	53	4	-	-	-	
Canada (b, x)	147	-	-	7			9		3	10		2		4		5	107
Chile (x)	4185	51		206			682		891	852	565	756	113	17		72	
Colombia (d, x)	11971	387		1216			4034		5422		912		-		-		
Costa Rica	85	1		4			24		13	14		25		4		-	
Jamaica	259	-	2	8	9	7	16	79	27	25	19	47	9	-	-	11	
Mexico	5980	63	49	212		e) 328		e) 1865		3369		-		-		94	
Panama	11	-	-	-	-	-	-	4	-	2		-		-		1	
Paraguay (d, x)	89	1		8			19		61						-		
Peru (d, x)	5047	233		275	229	219	180	879	651	596	501	859	310	59	30	26	
Trinidad and Tobago	62	-	-	-	-	3	3	12	12	7	2	18	3	-	-	2	
United States	566	9		71			112		83	63	30	182		-		16	
Uruguay	246	1	-	-	1	9	7	33	36	37	36	46	20	6	1	13	
Venezuela (h, x)	263	4	2	3	5	11	10	60	38	28	22	68	10	-	1	1	
Bahama Islands	10	-	-	-	-	-	-	-	3	1	4	2	-	-	-	-	
Barbados	12	-	-	-	-	-	-	4	2	1	1	3	-	1	-	-	
British Guiana	228	1	3	4	6	9	10	62	43	31	27	29	3	-	-	-	
British Honduras	46	1	1	-	-	1	-	3	6	4	8	9	7	3	-	3	
French Guiana	5	-	-	-	-	-	-	-	-	1	1	2	1	-	-	-	
Puerto Rico	17	-	-	-	-	1	-	3	3	3	-	5	2	-	-	-	
St. Lucia (x)	30	-	1	1	1	1	4	2	4	8	2	3	2	-	-	1	
Surinam	14	-	-	-	-	1	-	2	4	-	3	2	-	-	-	2	

(a) City of São Paulo.

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

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

(d) Reporting area.

(e) Differing age grouping: 3-5, 6-14.

(f) Differing age grouping: 1-6, 7-14.

(g) Differing age grouping: 25-39, 40-59, 60-69, 70 and over.

(h) Organized reporting area.

(w) Newly reported active cases.

(x) Including paratyphoid fever (041).

TABLE IV. REPORTED CASES OF SELECTED NOTIFIABLE DISEASES BY AGE IN THE AMERICAS, 1963 (continued)

Disease and area	Total	Age group in years														Not stated				
		0-5 mos.	6-11 mos.	1	2	3	4	5-9	10-14	15-19	20-24	25-44	45-64	65-74	75 and over					
WHOOPING COUGH (058)																				
Argentina	19890	370			894			437	75	17	3	5			2		18087			
Bolivia	307	17	19	58	48	38	24	80	18	-	-	1	-	-	-	-	4			
Canada (b)	6136	251			562			794	259	21	c)	13	c)	1	c)		4235			
Chile	6462	1619			3008			1344	314	33	15	13	-		3		113			
Colombia (d)	28520	9974			13365			4878							40		-			
Costa Rica	3353	753			1704			714	137		25		11	5			4			
Jamaica	3203	259	448	615	488	404	304	548	58	5	5	13	3	-	-	-	53			
Panama	554	45	76	91	91	53	30	76	46	16	-	-	-	-	-	-	30			
Paraguay (d)	1790	412	f)		1034			248					96				-			
Peru (d)	19911	3633		3185	3087	2773	2294	4132	424	54	13	g)	33	g)	13	g)	9	g)	1	280
Uruguay	2714	469	460	494	267	231	199	420	69	9	12	10	3				71			
Venezuela (h)	2669	264	364	487	392	314	230	521	80	11	1	4	-	-	-	-	1			
Bahama Islands	4	1	1	-	1	-	1	-	-	-	-	-	-	-	-	-	-			
French Guiana	38	1	4	1	3	4	6	17	2	-	-	-	-	-	-	-	-			
St. Lucia	8	-	-	-	1	1	-	-	1	-	2	3	-	-	-	-	-			
YAWS (073)																				
Colombia (d)	351	14			75			145			106				11		-			
Jamaica	169	-	-	1	5	6	9	66	40	13	4	9	6	-	-	-	10			
Peru (d)	32	-	-	-	-	1	-	8	4	-	3	g)	7	g)	8	g)	1	g)	-	
St. Lucia	592	2	7	15	28	42	40	196	111	20	4	13	-	3	1		110			

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

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

(d) Reporting area.

(f) Differing age grouping: 1-6, 7-14.

(g) Differing age grouping: 25-39, 40-59, 60-69, 70 and over.

(h) Organized reporting area.



TABLE V. REPORTED CASES OF SELECTED NOTIFIABLE DISEASES BY MAJOR POLITICAL DIVISIONS OF EACH COUNTRY, IN THE AMERICAS, 1963

Country and major political divisions	Number	Country and major political divisions	Number	Country and major political divisions	Number
LEPROSY					
Argentina	734	Canada	3	Dominican Republic, (cont.)	
Federal Capital	39	Provinces:		Provinces:	
Provinces:		British Columbia	1	La Vega	18
Buenos Aires	108	Ontario	2	Montecristi	2
Chaco	12			Pedernales	24
Cordoba	52	Colombia (a)	292	Puerto Plata	1
Corrientes	13	Departments:		San Cristobal	18
Entre Rios	304	Antioquia	62	Santiago	6
Formosa	1	Bolivar	7		
Jujuy	1	Boyaca	36	El Salvador (b)	13
La Pampa	2	Caldas	6		
La Rioja	1	Cauca	4	Guatemala	8
Mendoza	4	Cordoba	12	Departments:	
Misiones	149	Cundinamarca	70	Guatemala	6
Neuquen	1	Huila	11	Santa Rosa	1
Salta	7	Magdalena	3	Suchitepequez	1
San Luis	1	Meta	3		
Santa Cruz	1	Nariño	3	Honduras (a)	22
Santa Fe	2	Norte de Santander	3	Departments:	
Santiago del Estero	2	Santander	45	Choluteca	21
Tucuman	34	Tolima	10	Santa Barbara	1
		Valle del Cauca	12		
Bolivia	18	Commissaries:		Jamaica	27
Departments:		Amazonas	2	Parishes:	
Beni	16	Putumayo	3	Clarendon	8
La Paz	1			Hanover	1
Santa Cruz	1	Costa Rica	35	Manchester	3
		Provinces:		St. Andrew	3
Brazil	1067	Alajuela	5	St. Ann	3
Federal District	47	Cartago	4	St. Catherine	2
States:		Guanacaste	4	St. Elizabeth	2
Amazonas	12	Limon	2	St. James	1
Bahia	20	Puntarenas	5	St. Thomas	1
Ceara	44	San Jose	15	Trelawny	3
Espirito Santo	13				
Goiias	80	Cuba	159	Mexico	294
Guanabara	158	Provinces:		States:	
Maranhao	3	Camaguey	5	Aguascalientes	5
Mato Grosso	38	La Habana	38	Baja California	1
Minas Gerais	195	Las Villas	24	Chiapas	1
Para	73	Matanzas	2	Chihuahua	4
Paraiba	1	Oriente	86	Coahuila	4
Parana	63	Pinar del Rio	4	Colima	10
Pernambuco	89			Durango	25
Piaui	13	Dominican Republic	80	Guanajuato	18
Rio Grande do Norte	2	National District	1	Guerrero	1
Rio Grande do Sul	104	Provinces:		Hidalgo	1
Santa Catarina	21	Barahona	1	Jalisco	56
Sergipe	37	Dajabon	7	Mexico	1
Territory:		Duarte	1	Michoacan	53
Rondonia	54	Independencia	1	Morelos	4

(a) Reporting area.

(b) Cases not specified by major political divisions.

TABLE V. REPORTED CASES OF SELECTED NOTIFIABLE DISEASES BY MAJOR POLITICAL DIVISIONS OF EACH COUNTRY, IN THE AMERICAS, 1963 (continued)

Country and major political divisions	Number	Country and major political divisions	Number	Country and major political divisions	Number
LEPROSY (cont.)					
Mexico (cont.)		United States	103	Venezuela (cont.)	
States:		District of Columbia	1	States:	
Nayarit	4	States:		Trujillo	10
San Luis Potosi	5	California	26	Yaracuy	4
Sinaloa	60	Colorado	1	Zulia	32
Sonora	33	Connecticut	1		
Tamaulipas	3	Florida	2	Antigua	1
Yucatan	2	Hawaii	22		
Zacatecas	3	Kansas	1	Bahama Islands	2
		Louisiana	1		
Nicaragua (b)	31	New York	9	Barbados	1
		Texas	39		
Panama	1	Uruguay	19	British Guiana	25
Province:		Departments:		Counties:	
Panama	1	Artigas	1	Berbice	2
		Canelones	2	Demerara	18
Paraguay (a)	425	Cerro Largo	1	Essequibo	5
Asuncion	261	Montevideo	5		
Health Region I	45	Paysandu	2	French Guiana	78
(Departments: Central,		Rio Negro	2		
De la Cordillera, Para-		Salto	4	Guadeloupe	≠ 57
guari, Presidente Hayes,		Soriano	1		
San Pedro)		Not stated	1	Martinique	24
Health Region II	52				
(Departments: Alto		Venezuela (a)	249	Netherlands Antilles	6
Parana, Caaguazu		Federal District	5	Islands:	
Caazapa, Guaira)		States:		Aruba	5
Health Region III	18	Anzoategui	5	Curaçao	1
(Departments: Itapua,		Apure	16		
Las Misiones, Neembucu)		Aragua	19	Puerto Rico	7
Health Region IV	49	Barinas	22	Municipios:	
(Departments: Amambay,		Bolivar	10	Arecibo	1
Boqueron, Concepcion,		Carabobo	7	Guaynabo	1
Olimpo)		Falcon	11	Mayaguez	1
		Guarico	22	Morovis	1
Peru (a)	59	Lara	25	Rio Piedras	1
Departments:		Merida	13	Vega Baja	1
Apurimac	3	Miranda	3	Yabucoa	1
Huanuco	2	Monagas	1		
Junin	1	Nueva Esparta	4	St. Lucia	3
Lima	4	Portuguesa	10	St. Vincent	2
Loreto	46	Sucre	5		
San Martin	3	Tachira	25	Surinam	201
Trinidad and Tobago (b)	38			Virgin Islands (US)	1

(a) Reporting area.

(b) Cases not specified by major political divisions.

TABLE V. REPORTED CASES OF SELECTED NOTIFIABLE DISEASES BY MAJOR POLITICAL DIVISIONS OF EACH COUNTRY, IN THE AMERICAS, 1963 (continued)

Country and major political divisions	Number	Country and major political divisions	Number	Country and major political divisions	Number
MALARIA					
Argentina	825	Colombia (a)	16 228	Dominican Republic (cont.)	
Provinces:		Departments:		Provinces:	
Chaco	533	Antioquia	3 454	Dajabon	318
Corrientes	2	Atlantico	11	Duarte	972
Formosa	63	Bolivar	384	El Seibo	694
Jujuy	98	Boyaca	708	Elias Piña	955
Misiones	5	Caldas	790	Espailat	223
Salta	119	Cauca	401	Independencia	273
Santiago del Estero	1	Choco	358	La Altigracia	54
Tucuman	4	Cordoba	783	La Romana	138
		Cundinamarca	392	La Vega	150
Bolivia	215	Huila	108	Maria Trinidad Sanchez	629
Departments:		Magdalena	216	Montecristi	140
Beni	12	Meta	2 319	Pedernales	47
La Paz	6	Nariño	235	Peravia	187
Potosi	1	Norte de Santander	674	Puerto Plata	197
Santa Cruz	99	Santander	3 565	Salcedo	39
Tarija	97	Tollma	711	Samana	166
		Valle del Cauca	622	San Cristobal	549
Brazil	c) 111 417	Intendencias:		San Juan	863
States:		Arauca	37	San Pedro de Macoris	34
Alagoas	101	Caqueta	107	Sanchez Ramirez	138
Amazonas	6 247	La Guajira	31	Santiago	11
Bahia	9 197	San Andres	74	Santiago Rodriguez	162
Ceara	3 815	Commissaries:		Valverde	408
Espirito Santo	6 294	Amazonas	9		
Golas	10 032	Putumayo	237	Ecuador (b)	c) 3 857
Guanabara	25			El Salvador (b)	c) 17 846
Maranhao	9 693	Costa Rica	c) 1 224		
Mato Grosso	2 032	Provinces:		Guatemala	c) 15 116
Minas Gerais	2 798	Alajuela	72	Departments:	
Para	20 154	Guanacaste	343	Alta Verapaz	1 007
Paraiba	931	Heredia	1	Baja Verapaz	182
Parana	2 050	Limon	99	Chimaltenango	299
Pernambuco	2 143	Puntarenas	684	Chiquimula	58
Plaiu	4 610	San Jose	25	El Progreso	157
Rio de Janeiro	1 144			Escuintla	5 698
Rio Grande do Norte	55	Cuba	c) 833	Guatemala	239
Santa Catarina	20 241	Provinces:		Huehuetenango	221
São Paulo	2 207	Camaguey	2	Izabal	77
Sergipe	32	La Habana	36	Jalapa	146
Territories:		Las Villas	5	Jutiapa	1 058
Acre	408	Matanzas	1	Peten	137
Amapa	2 737	Oriente	789	Quezaltenango	653
Rondonia	1 970			Quiche	434
Roraima	2 501	Dominican Republic	8 027	Retalhuleu	2 037
		National District	278	Sacatepequez	2
		Provinces:		San Marcos	1 002
Canada	1	Azua	72	Santa Rosa	143
Province:		Baoruco	50	Solola	81
British Columbia	1	Barahona	280		

(a) Reporting area.

(b) Cases not specified by major political divisions.

(c) Specified as confirmed cases.

TABLE V. REPORTED CASES OF SELECTED NOTIFIABLE DISEASES BY MAJOR POLITICAL DIVISIONS OF EACH COUNTRY, IN THE AMERICAS, 1963 (continued)

Country and major political divisions	Number	Country and major political divisions	Number	Country and major political divisions	Number
MALARIA (cont.)					
Guatemala, cont.		Mexico, cont.		Peru, cont.	
Departments:		States:		Departments:	
Suchitepequez	1 327	Nuevo Leon	12	Ancash	41
Totonicapan	129	Oaxaca	2 880	Apurimac	2
Zacapa	29	Puebla	926	Ayacucho	37
Haiti (b)	≠ 21 569	Queretaro	288	Cajamarca	278
Honduras	c) 7 077	Quintana Roo	7	Cuzco	113
Departments:		San Luis Potosi	607	Huancavelica	1
Atlantida	47	Sineloa	1 226	Ica	10
Choluteca	2 938	Tabasco	5	Junin	247
Colon	122	Tamaulipas	232	La Libertad	22
Comayagua	142	Veracruz	230	Lambayeque	14
Copan	127	Yucatan	3	Lima	14
Cortes	257	Zacatecas	31	Loreto	589
El Paraiso	170	Nicaragua (b)	c) 11 700	Madre de Dios	23
Francisco Morazan	1 137	Panama	d) 2 426	Moquegua	1
Gracias a Dios	5	Provinces:		Pasco	4
Intibuca	29	Bocas del Toro	366	Piura	125
Islas de la Bahia	13	Chiriqui	774	San Martin	63
La Paz	33	Cocle	93	Tacna	5
Lempira	66	Colon	238	Tumbes	3
Ocotepeque	5	Darien	46	United States	99
Olancho	145	Herrera	59	States:	
Santa Barbara	143	Los Santos	247	Arizona	2
Valle	1 371	Panama	358	Arkansas	2
Yoro	327	Veraguas	240	California	23
Jamaica	6	Paraguay	c) 3 491	Colorado	2
Parishes:		Asuncion	6	Connecticut	4
Clarendon	1	Departments:		Florida	1
Kingston	2	Alto Parana	663	Idaho	1
Portland	2	Amambay	81	Illinois	3
Westmoreland	1	Boqueron	83	Iowa	2
Mexico	11 267	Caaguazu	1 895	Kansas	1
States:		Caazapa	146	Kentucky	3
Aguascalientes	1	Central	28	Louisiana	3
Campeche	1	Concepcion	84	Maryland	3
Chiapas	2 429	De la Cordillera	95	Massachusetts	2
Chihuahua	181	Guaira	75	Minnesota	2
Colima	96	Itapua	22	Mississippi	2
Durango	48	Misiones	11	Missouri	1
Guanajuato	24	Ñeembucu	22	Nevada	2
Guerrero	225	Paraguari	57	New Jersey	1
Hidalgo	157	Presidente Hayes	7	New Mexico	5
Jalisco	422	San Pedro	216	New York	6
Michoacan	959	Peru	1 743	North Carolina	11
Morelos	68	Departments:		Ohio	2
Nayarit	209	Amazonas	151	Oregon	1
				Pennsylvania	5
				South Carolina	3
				Virginia	4
				Washington	2

(b) Cases not specified by major political divisions.

(c) Specified as confirmed cases.

(d) Including cases reported for Canal Zone.

TABLE V. REPORTED CASES OF SELECTED NOTIFIABLE DISEASES BY MAJOR POLITICAL DIVISIONS OF EACH COUNTRY, IN THE AMERICAS, 1963 (continued)

Country and major political divisions	Number	Country and major political divisions	Number	Country and major political divisions	Number
MALARIA (cont.)					
Uruguay	e) 1	Venezuela (cont.)		British Honduras	c) 17
Venezuela	c, f) 2 390	States:		Districts:	
Federal District	1	Trujillo	7	Corozal	16
States:		Zulia	191	Orange Walk	1
Anzoategui	4	Federal Territory:		Canal Zone	4
Apure	384	Amazonas	183	French Guiana	103
Barinas	720	Bahama Islands	3	Guadeloupe	c) 1
Bolivar	30	British Guiana	495	St. Lucia	c) 7
Merida	361	Counties:		Surinam	c) 1 882
Monagas	9	Demerara	2		
Sucre	206	Essequibo	493		
Tachira	294				
PLAGUE					
Bolivia	53	Brazil, (cont.)		Peru	72
Department:		States:		Departments:	
Santa Cruz	53	Pernambuco	7	Amazonas	34
Brazil	39	Ecuador	258	Ancash	6
States:		Provinces:		Piura	32
Alagoas	3	Chimborazo	67	United States	1
Bahia	14	El Oro	18	State:	
Ceara	13	Loja	29	New Mexico	g) 1
Paraiba	2	Manabi	144		
SMALLPOX					
Brazil	5 516	Brazil (cont.)		Ecuador (cont.)	
Federal District	4	States:		Provinces:	
States:		Pernambuco	104	Cañar	37
Alagoas	190	Piaui	34	Carchi	1
Amazonas	38	Rio de Janeiro	127	Chimborazo	1
Bahia	1 322	Rio Grande do Norte	122	Cotopaxi	1
Ceara	77	Rio Grande do Sul	25	Peru	865
Espirito Santo	25	São Paulo	916	Departments:	
Goias	491	Colombia	4	Lima	2
Guanabara	80	Department:		Loreto	863
Maranhao	747	Nariño	4	Uruguay	e) 1
Mato Grosso	68	Ecuador	45	Department:	
Minas Gerais	747	Provinces:		Salto	e) 1
Para	30	Azuay	5		
Paraiba	5				
Parana	364				

(c) Specified as confirmed cases.  
(e) Imported.

(f) Excluding 463 cases acquired outside the country.  
(g) Infected in Arizona State.

TABLE V. REPORTED CASES OF SELECTED NOTIFIABLE DISEASES BY MAJOR POLITICAL DIVISIONS OF EACH COUNTRY, IN THE AMERICAS, 1963 (continued)

Country and major political divisions	Number	Country and major political divisions	Number	Country and major political divisions	Number
TYPHUS, LOUSE-BORNE					
Bolivia	141	Ecuador	259	Mexico	39
Departments:		Provinces:		States:	
Chuquisaca	135	Azuay	41	Aguascalientes	1
Cochabamba	6	Bolívar	10	Coahuila	1
		Cañar	2	Nuevo Leon	3
Chile	11	Carchi	24	Oaxaca	30
Province:		Chimborazo	62	Queretaro	1
Cautín	11	Cotopaxi	29	San Luis Potosí	1
		Imbabura	26	Veracruz	2
		Manabí	1		
Colombia	2	Pichincha	20	Peru	13
Department:		Tungurahua	44	Departments:	
Santander	2			Junín	4
				Puno	9
YAWS					
Colombia (a)	351	Dominican Republic (cont.)		Peru (a)	32
Departments:		Provinces:		Departments:	
Antioquia	16	María Trinidad Sánchez	4	Apurímac	2
Atlántico	3	Peravia	4	Huancavelica	3
Bolívar	20	Puerto Plata	4	Loreto	15
Boyacá	6	Salcedo	2	Madre de Dios	1
Caldas	48			San Martín	11
Cauca	107	Haiti (b)	≠ 81		
Chaco	72			Trinidad and Tobago (b)	h) 915
Córdoba	19	Jamaica	169		
Cundinamarca	21	Parishes:		Venezuela (a)	133
Huila	1	Clarendon	22	Federal District	13
Magdalena	19	Hanover	11	States:	
Meta	2	Kingston	7	Aragua	2
Nariño	7	Manchester	4	Barinas	2
Santander	1	Portland	4	Carabobo	1
Tolima	1	St. Andrew	8	Lara	5
Valle del Cauca	6	St. Ann	5	Merida	1
Intendency:		St. Catherine	20	Miranda	6
Caquetá	2	St. Elizabeth	4	Monagas	4
		St. James	3	Sucre	81
Dominican Republic	42	St. Mary	38	Yaracuy	18
National District	2	St. Thomas	32		
Provinces:		Trelawny	9	Antigua	1
Barahona	5	Westmoreland	2		
Dajabón	6			British Guiana	40
Duarte	1	Panama	5	County:	
El Seibo	1	Provinces:		Essequibo	40
Independencia	2	Panama	4		
La Altagracia	3	Veraguas	1	Dominica	54
La Romana	1				
La Vega	7	Paraguay (a,b)	1	St. Lucia	592

(a) Reporting area.

(b) Cases not specified by major political divisions.

(h) Non-infectious, except one case.

TABLE V. REPORTED CASES OF SELECTED NOTIFIABLE DISEASES BY MAJOR POLITICAL DIVISIONS  
OF EACH COUNTRY, IN THE AMERICAS, 1963 (continued)

Country and major political divisions	Number	Country and major political divisions	Number	Country and major political divisions	Number
YELLOW FEVER, JUNGLE					
Bolivia	81	Colombia (cont.)		Peru (cont.)	
Departments:		Departments:		Departments:	
La Paz	49	Santander	1	Huanuco	31
Santa Cruz	32	Commissary:		Junin	15
		Putumayo	1		
Colombia	10	Peru	49	Venezuela	1
Departments:		Departments:		State:	
Caldas	3	Ayacucho	3	Bolivar	1
Norte de Santander	5				

TABLE VI. REPORTED CASES OF SELECTED ZOOSES IN MAN AND ANIMALS IN THE AMERICAS, 1963

Disease and area	Number		Remarks on cases in animals	Disease and area	Number		Remarks on cases in animals
	Man	Animals			Man	Animals	
ANTHRAX				BRUCELLOSIS (cont.)			
Argentina	247	...		Netherlands Antilles	*	8	Positive reactors; goats, sheep
Brazil	...	(15)	Number of foci	Puerto Rico	1	(876)	Number of infected herds; cattle 854, equine 4, swine 18
Canada	-	2	Year 1963-64	Virgin Islands (US)	-	(2)	Number of infected herds; cattle
Chile	277	...					
Colombia	a) 43	190		ENCEPHALITIS, ARTHROPOD-BORNE			
Costa Rica	4	...		Brazil	...	(17)	Number of foci; equines
El Salvador	98	...		Canada	57	...	
Guatemala	*	...	Frequent in cattle	Mexico	18	...	
Mexico	120	2062		Panama	-	6	Year 1963-64
Nicaragua	...	216		United States	c) 59	(1 386)	Number of infected herds; equine encephalitis
Panama	18	...		Venezuela	a) 10 145	1 133	
Paraguay	a) 11	20		British Guiana	*	3	Suspected cases of equine encephalitis
Peru	a) 40	...		Surinam	...	...	Venezuelan equine encephalitis present
United States	3	(113)	Number of infected herds; cattle 43, equine 1, swine 2, deer 67				
Uruguay	45	...		HYDATIDOSIS			
Venezuela	a) 1	77		Argentina	365	...	
				Chile	238	...	
Puerto Rico	-	(1)	Number of infected herds; cattle	Costa Rica	1	...	
				Guatemala	*	6 318	Swine
BRUCELLOSIS				Nicaragua	...	278	
Argentina	1 146	...		Paraguay	...	4	
Brazil	...	(46)	Number of foci; cattle 43, swine 3	Peru	a) 121	28 197	Cattle 9 891, goats 1 600, sheep 15 574, swine 1 120
Canada	57	...	Incidence level 0.98 per cent for year 1963-64	United States	d) 1	...	
Chile	6	...		Uruguay	321	...	
Colombia	a) 71	24 815					
Costa Rica	1	...		LEPTOSPIROSIS			
Cuba	37	...		Argentina	4	...	
El Salvador	9	...		Brazil	17	...	
Guatemala	*	253	Cattle	Canada	*	...	Low sporadic incidence
Honduras	a, b) 1	246	Cattle	Chile	10	...	
Jamaica	-	201	Cattle	Honduras	*	1	
México	1 121	240	Cattle	Jamaica	27	...	
Nicaragua	...	22		Nicaragua	...	3	
Panama	1	290	Year 1963-64	Peru	*	593	Cattle; positive reactor in Lima
Paraguay	a) 6	10		United States	89	27 497	Canines 7 911, cattle 15 452, equines 639, swine 3 495
Peru	a) 848	339	Dairy cattle in Lima				
United States	407	(66 826)	Number of infected herds; cattle 65 209, equine 25, goats 21, swine 1 561, other 10				
Uruguay	3	...					
Venezuela	a) 6	842					
Barbados	*	...	Low incidence				
British Guiana	*	214	Dairy cattle				
Canal Zone	-	1	Cow				

(a) Data for reporting area.

(b) Data for 6 months.

(c) Confirmed cases.

(d) Data for State of Oregon; not notifiable nationally.

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



TABLE VI. REPORTED CASES OF SELECTED ZONOSSES IN MAN AND ANIMALS IN THE AMERICAS, 1963 (continued)

Disease and area	Number		Remarks on cases in animals	Disease and area	Number		Remarks on cases in animals
	Man	Animals			Man	Animals	
LEPTOSPIROSIS (cont.)				TRY PANOSOMIASIS			
Venezuela	a) 4	...		Argentina	2 239	...	
Barbados	42	...	Low incidence	Brazil	g) 90	...	
French Guiana	-	2	Dogs	Chile	2	...	
Martinique	1	...		Colombia	*	103	
Puerto Rico	3	3	Canine 1, cattle 2	Costa Rica	1	...	
St. Kitts-Nevis and Anguilla	-	...	Sporadic cases in cats and dogs	El Salvador	32	...	
				Guatemala	*	86	
				Panama	4	...	
				Paraguay	a) 29	...	
				Peru	a) 1	...	
				Uruguay	3	...	
				Venezuela	a) 337	...	
RABIES				British Guiana	*	13	Equines
Argentina	32	1 925					
Bolivia	1	...					
Brazil	f) 29	(60)	Number of foci; herbivores 55, dogs 5	TUBERCULOSIS, BOVINE			
Canada	-	≠ 1 137	Dogs 64, other domestic animals 376, wild animals 697	Brazil	...	(10)	Number of foci
Chile	2	...		Canada	...	...	Incidence level 0.08 per cent for 1963-64
Colombia	a) 137	800		Colombia	...	11	
Cuba	2	71		Dominican Republic	...	180	Cattle 179, swine 1; in slaughter houses
Dominican Republic	1	30	Cats 2, dogs 28	Guatemala	...	1 531	
Ecuador	16	80		Honduras	...	957	
El Salvador	4	...		Jamaica	...	47	
Guatemala	2	187	Canines 184, cattle 2, feline 1; unconfirmed cases in cattle 13	México	...	122	Cattle
Honduras	a) 3	25		Nicaragua	...	1	
Mexico	39	1 874	Canines	Peru	...	1 078	Cattle 180, dairy cattle 813, goats 40, sheep 40, swine 25
Nicaragua	1	75		United States	...	(3 494)	Number of infected herds; cattle
Paraguay	...	57	Cow, dogs, monkey, swine, other	Venezuela	...	2 407	
Peru	9	1 255	Confirmed cases	Antigua	...	...	Probably a few cases
United States	1	3 911	Confirmed cases; cattle 456, dogs 568, other domestic animals 284, wild animals 2 603	Barbados	...	...	Very low incidence
Venezuela	24	1 107		British Guiana	...	6	Positive reactors
British Guiana	-	...	Widespread in certain areas	Netherlands Antilles	...	1	
Canal Zone	-	41	Bats 39, cat 1, dog 1	Puerto Rico	...	(10)	Number of infected herds; cattle
Grenada	1	33	Cats 2, cattle 14, dogs 15, goats 2	Surinam	...	...	Some imported cases
Puerto Rico	-	21	Confirmed cases; cattle 3, dogs 5, other domestic animals 2, wild animals 11				

(a) Data for reporting area.  
(f) Data for capitals of 9 states.

(g) Data for Federal District and Cities of Maceio and São Paulo.

TABLE VII. DEATHS FROM CERTAIN COMMUNICABLE DISEASES IN THE AMERICAS, 1963

Diseases	Brazil (a)	Canada	Chile	Colom- bia	Costa Rica	Domini- can Re- public	El Sal- vador	Hon- duras	Mexico	Nica- ragua	Panama
Amebiasis.....046	...	2	21	...	20	...	...	2	1 050	3	4
Ankylostomiasis.....129	...	-	...	597	1	1	...	-	...	-	8
Anthrax.....062	...	-	11	-	-	-	...	-	...	-	-
Botulism.....049.1	...	2	...	...	-	-	...	-	...	-	-
Brucellosis.....044	...	-	-	2	1	-	...	-	86	-	-
Chickenpox.....087	25	19	36	...	5	...	...	12	93	7	3
Diphtheria.....065	252	7	246	330	23	72	63	16	326	4	9
Dysentery, bacillary.....045	...	-	6	...	2	...	...	28	659	1	-
Dysentery, other and unspecified.....047,048	b) 709	3	25	b) 920	6	b) 41	b) 130	26	2 343	20	20
Encephalitis, acute infectious.....082	45	45	39	52	10	1	...	7	111	-	1
Erysipelas.....052	...	3	20	66	-	1	...	33	...	-	6
Filariasis.....127	...	-	...	2	-	-	...	-	...	-	-
Food poisoning, other.....049.0,049.2	...	-	c) 75	...	1	-	...	1	...	-	1
Gonococcal infection.....030-035	...	-	1	3	-	1	...	-	...	-	-
Hepatitis, infectious.....092	85	107	56	129	21	9	...	5	457	3	10
Hydatidosis.....125	...	1	62	-	-	-	...	-	...	-	-
Influenza.....480-483	687	1 183	4 580	2 074	166	10	457	252	7 622	154	14
Leprosy.....060	...	-	...	95	1	2	...	5	...	-	-
Leptospirosis.....072	-	1	1	...	-	-	...	...	1	-	-
Malaria.....110-117	...	1	-	1 081	5	98	371	207	27	361	62
Measles.....085	391	73	2 243	1 690	176	46	518	300	7 387	233	363
Meningococcal infections.....057	89	37	22	20	2	3	-	1	102	-	1
Mumps.....089	1	4	6	...	3	...	...	1	19	-	1
Paratyphoid fever.....041	...	1	7	...	1	...	...	-	183	87	-
Plague.....058	12	-	-	-	-	-	-	-	-	-	-
Pollomyelitis, acute.....080	104	16	53	59	13	45	6	9	175	-	-
Rabies.....094	...	-	2	31	-	1	...	3	...	-	-
Relapsing fever.....071	-	-	-	...	-	-	...	-	1	-	-
Rheumatic fever.....400-402	...	39	71	181	16	10	10	1	...	-	7
Rickettsial diseases, other.....102-108	...	-	3	d) 589	-	-	-	...	82	-	-
Salmonella infections, other.....042	...	10	-	e) 87	3	e) 25	...	-	869	184	-
Scarlet fever.....050	4	1	18	4	-	-	-	-	106	-	-
Schistosomiasis.....123	...	1	...	-	-	-	...	-	...	-	-
Smallpox.....084	62	-	-	8	-	-	-	-	-	-	-
Streptococcal sore throat.....051	...	4	2	6	-	-	-	1	1	-	-
Syphilis.....020-029	...	117	125	190	12	59	22	8	...	4	11
Tetanus.....061	...	6	31	2 328	205	526	...	141	...	367	200
Trypanosomiasis.....121	...	-	2	...	-	-	...	-	...	-	3
Tuberculosis.....001-019	...	756	4 407	4 111	134	271	417	223	...	98	246
Typhoid fever.....040	e) 111	1	190	605	12	82	169	58	1 957	98	3
Typhus, flea-borne (murine).....101	-	-	-	...	-	-	-	...	1	-	-
Typhus, louse-borne epidemic.....100	-	-	-	...	-	-	-	-	1	-	-
Whooping cough.....056	109	28	371	3 029	108	21	483	536	5 299	83	56
Yellow fever.....091	-	-	-	21	-	-	-	-	-	-	-

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

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

(c) Including botulism (049.1).

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

(e) Including paratyphoid fever (041).

TABLE VII. DEATHS FROM CERTAIN COMMUNICABLE DISEASES IN THE AMERICAS, 1963 (continued)

Diseases	Para- guay (f)	Peru (g)	Trinidad and Tobago	United States	Vene- zuela	Antigua	Bahama Islands	Barba- dos	British Guiana	British Hon- duras
Amebiasis .....	046	26	2	92	499	...	8	-	...	1
Ankylostomiasis .....	129	13	-	1	25	...	...	...	...	-
Anthrax .....	062	2	-	-	-	...	...	...	...	-
Botulism .....	049, 1	...	-	14	-	...	...	...	...	-
Brucellosis .....	044	5	-	5	-	...	-	...	...	-
Chickenpox .....	087	...	-	129	...	-	-	...	1	-
Diphtheria .....	055	28	3	45	46	...	-	2	3	-
Dysentery, bacillary .....	045	44	3	134	70	...	-	1	5	-
Dysentery, other and unspecified .....	047, 048	b) 107	53	3	68	349	b) 1	-	-	22
Encephalitis, acute infectious .....	082	5	28	5	532	93	...	-	...	4
Erysipelas .....	052	-	2	-	16	2	...	...	...	-
Filariasis .....	127	-	...	-	-	-	...	...	...	-
Food poisoning, other .....	049, 0, 049, 2	...	c) 39	-	33	19	...	...	...	-
Gonococcal infection .....	030-035	-	...	-	23	2	...	...	...	-
Hepatitis, infectious .....	092	6	72	-	852	67	...	1	...	3
Hydatidosis .....	125	-	19	-	10	-	...	...	...	-
Influenza .....	480-483	119	566	1	7083	934	13	-	1	2
Leprosy .....	060	6	4	10	3	13	...	...	...	-
Leptospirosis .....	072	...	2	-	14	4	...	...	10	-
Malaria .....	110-117	-	4	-	7	-	...	-	-	-
Measles .....	085	13	1169	8	364	377	-	-	...	18
Meningococcal infections .....	057	3	7	1	733	9	...	-	...	1
Mumps .....	089	...	...	-	48	...	-	-	...	-
Paratyphoid fever .....	041	...	...	-	7	...	-	-	...	-
Plague .....	058	-	...	-	1	-	-	-	-	-
Poliomyelitis, acute .....	080	14	98	4	41	34	...	-	4	11
Rabies .....	094	-	9	-	2	25	...	...	...	-
Relapsing fever .....	071	...	2	-	-	-	...	...	...	-
Rheumatic fever .....	400-402	13	30	8	552	30	...	...	...	-
Rickettsial diseases, other .....	102-108	-	d) 1	-	19	-	...	-	...	-
Salmonella infections, other .....	042	e) 11	e) 71	-	65	e) 11	...	-	...	-
Scarlet fever .....	050	1	1	-	11	-	...	-	...	-
Schistosomiasis .....	123	-	...	-	4	22	...	...	...	-
Smallpox .....	084	-	...	-	-	-	-	-	-	-
Streptococcal sore throat .....	051	1	1	-	91	12	...	-	...	-
Syphilis .....	020-029	31	52	40	2666	150	...	...	...	1
Tetanus .....	061	196	378	48	210	479	...	...	...	8
Trypanosomiasis .....	121	...	...	-	-	271	...	...	...	-
Tuberculosis .....	001-019	232	3338	74	9311	1227	...	...	...	12
Typhoid fever .....	040	3	132	3	21	20	1	-	1	10
Typhus, flea-borne (murine) .....	101	-	...	-	-	-	...	-	-	-
Typhus, louse-borne epidemic .....	100	-	...	-	-	-	-	-	-	-
Whooping cough .....	056	32	276	1	115	57	-	-	...	18
Yellow fever .....	091	-	15	-	-	1	-	-	-	-

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

(c) Including botulism (049, 1).

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

(e) Including paratyphoid fever (041).

(f) Area of information.

(g) Districts with medical certification.

TABLE VII. DEATHS FROM CERTAIN COMMUNICABLE DISEASES IN THE AMERICAS, 1963 (continued)

Diseases	Canal Zone	Cayman Islands	Dominica	Martinique	Puerto Rico	St. Kitts-Nevis and Anguilla	St. Lucia	St. Vincent	Surinam	Turks and Caicos Islands	Virgin Islands (US)
Amebiasis .....	046	-	-	...	-	-	-	...	-	-	-
Ankylostomiasis .....	129	-	...	-	...	-	...	...	-	-	-
Anthrax .....	062	-	...	-	...	-	...	...	-	-	-
Botulism .....	049.1	-	-	...	-	-	-	-	-	-	-
Brucellosis .....	044	-	-	-	-	-	-	...	-	-	-
Chickenpox .....	087	-	-	...	1	-	2	-	-	-	-
Diphtheria .....	055	-	-	-	2	-	1	...	-	-	-
Dysentery, bacillary .....	045	-	...	-	1	-	-	...	2	-	-
Dysentery, other and unspecified .....	047, 048	-	b) 26	-	1	-	2	...	-	-	-
Encephalitis, acute infectious .....	082	-	-	-	6	-	-	...	-	-	-
Erysipelas .....	052	-	...	-	...	-	...	...	-	-	-
Filariasis .....	127	-	1	...	2	1	...	...	-	-	-
Food poisoning, other .....	049.0, 049.2	-	-	...	1	-	...	...	-	-	-
Gonococcal infection .....	030-035	-	...	-	...	-	...	...	-	1	-
Hepatitis, infectious .....	092	-	-	-	11	2	-	...	9	-	-
Hydatidosis .....	125	-	...	-	...	-	...	...	-	-	-
Influenza .....	480-483	-	8	-	66	3	-	7	31	-	1
Leprosy .....	060	-	...	-	2	1	...	-	-	-	1
Leptospirosis .....	072	-	-	-	2	-	-	...	-	-	-
Malaria .....	110-117	-	-	-	-	-	-	...	-	-	-
Measles .....	085	-	4	-	7	-	-	-	-	-	-
Meningococcal infections .....	057	-	5	-	6	-	-	-	-	-	-
Mumps .....	089	-	-	-	-	-	-	-	-	-	-
Paratyphoid fever .....	041	-	-	-	-	-	...	...	-	-	-
Plague .....	058	-	-	-	-	-	-	-	-	-	-
Poliomyelitis, acute .....	080	-	-	-	2	-	-	...	-	-	-
Rabies .....	094	-	...	-	-	-	...	...	-	-	-
Relapsing fever .....	071	-	-	-	-	-	-	...	-	-	-
Rheumatic fever .....	400-402	-	...	-	...	11	1	...	2	-	-
Rickettsial diseases, other .....	102-108	-	-	-	-	-	-	...	-	-	-
Salmonella infections, other .....	042	-	-	-	1	-	-	...	-	-	-
Scarlet fever .....	050	-	-	-	-	-	-	...	-	-	-
Schistosomiasis .....	123	-	...	-	...	13	-	...	6	-	-
Smallpox .....	084	-	-	-	-	-	-	-	-	-	-
Streptococcal sore throat .....	051	-	-	-	-	-	-	...	-	-	-
Syphilis .....	020-029	-	...	6	...	34	-	...	6	-	3
Tetanus .....	061	-	...	8	...	47	1	...	22	-	1
Trypanosomiasis .....	121	-	...	-	...	-	-	...	-	-	-
Tuberculosis .....	001-019	-	...	28	...	517	8	...	1	21	1
Typhoid fever .....	040	-	-	5	6	1	-	e) 1	-	1	-
Typhus, flea-borne (murine) .....	101	-	-	-	-	-	-	...	-	-	-
Typhus, louse-borne epidemic .....	100	-	-	-	-	-	-	-	-	-	-
Whooping cough .....	056	-	-	57	1	29	-	5	-	6	-
Yellow fever .....	091	-	-	-	-	-	-	-	-	-	-

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

(e) Including paratyphoid fever (041).

## APPENDIX

TABLE A. ESTIMATED MIDYEAR POPULATION IN THE AMERICAS, 1963

Area	Population	Area	Population
Argentina	21,719,000	Antigua	59,000
Bolivia	3,596,000	Bahama Islands	129,000
Brazil	76,409,000	Barbados	239,000
Canada	18,928,000	Bermuda	47,000
Chile	8,222,000	British Guiana	611,000
Colombia	15,098,000	British Honduras	100,000
Costa Rica	1,344,000	Canal Zone	46,000
Cuba	7,203,000	Cayman Islands	9,000
Dominican Republic	3,334,000	Dominica	63,000
Ecuador	4,726,000	Falkland Islands	2,000
El Salvador	2,721,000	French Guiana	35,000
Guatemala	4,176,000	Grenada	92,000
Haiti	4,448,000	Guadeloupe	297,000
Honduras	2,024,000	Martinique	303,000
Jamaica	1,687,000	Montserrat	13,000
Mexico	38,416,000	Netherlands Antilles	202,000
Nicaragua	1,541,000	Puerto Rico	2,520,000
Panama	1,177,000	St. Kitts-Nevis and Anguilla	61,000
Paraguay	1,903,000	St. Lucia	94,000
Peru	10,881,000	St. Pierre and Miquelon	5,000
Trinidad and Tobago	922,000	St. Vincent	84,000
United States	188,616,000	Surinam	320,000
Uruguay	2,955,000	Turks and Caicos Islands	6,000
Venezuela	8,144,000	Virgin Islands (UK)	8,000
		Virgin Islands (US)	35,000

Source: United Nations, Monthly Bulletin of Statistics, January 1965, Demographic Yearbook 1963, and Population and Vital Statistics Reports, Statistical Papers, Series A, October 1964.

TABLE B. ESTIMATED POPULATION OF REPORTING AREAS IN SIX COUNTRIES OF THE AMERICAS, 1963

Country	Population	Country	Population
Brazil (a)	15,371,000	Paraguay	1,100,000
Colombia	14,140,000	Peru	4,815,000
Honduras	1,000,000	Venezuela	5,526,000

(a) Reports received from the Federal District, States of Guanabara and Pernambuco, and capitals of 10 other states not treated as a reporting area.

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<i>Aedes aegypti</i> eradication, status of	6,7	Filariasis, cases of	25
Age, cases by, diphtheria	33	deaths from	50-52
dysentery, all forms	33	Food poisoning, other, deaths from	50-52
encephalitis, acute infectious	33,34	Gonococcal infection, cases of	17
gonococcal infections	34	by age	34
hepatitis, infectious	34,35	deaths from	50-52
influenza	35	Hepatitis, infectious, cases of	17
leprosy	35	by age	34,35
malaria	35,36	by month	28
measles	36	deaths from	50-52
meningococcal infections	36,37	Hydatidosis, cases of	25
poliomyelitis, acute	37	in animals	48
scarlet fever	37	deaths from	50-52
syphilis	38	Infectious hepatitis (see hepatitis, infectious)	
tetanus	38	Influenza, cases of	18
tuberculosis, all forms	38,39	by age	35
typhoid fever	39	deaths from	50-52
whooping cough	40	Jungle yellow fever (see yellow fever)	
yaws	40	Leishmaniasis, cases of	25
deaths by, tuberculosis	13,14	deaths from	50-52
Amebiasis, cases of	15	Leprosy, cases of	10,18
by month	27	by age	35
deaths from	50-52	by political divisions	41,42
Ankylostomiasis, cases of	15	in active register	8-10
deaths from	50-52	by political divisions	8
Anthrax, cases of	15	deaths from	50-52
in animals	48	Leptospirosis, cases of	25
deaths from	50-52	in animals	48,49
Botulism, deaths from	50-52	deaths from	50-52
Brucellosis, cases of	16	Malaria, cases of	10,11,18
in animals	48	by age	35,36
deaths from	50-52	by month	28,29
Chagas' disease (see trypanosomiasis)		by political divisions	43-45
Chickenpox, deaths from	50-52	confirmed by bloodsmear	10,11
Deaths from communicable diseases	50-52	deaths from	50-52
tuberculosis	11-14,50-52	Measles, cases of	19
Dengue, cases of	25	by age	36
epidemics of	6,7	by month	29
Diphtheria, cases of	16	deaths from	50-52
by age	33	Meningococcal infections, cases of	19
by month	27,28	by age	36,37
deaths from	50-52	deaths from	50-52
Dysentery, cases of, amebic (see amebiasis)		Months, distribution by, amebiasis	27
bacillary, other and unspecified	16	diphtheria	27,28
by age	33	hepatitis infectious	28
deaths from	50-52	malaria	28,29
Encephalitis, acute infectious, cases of	17	measles	29
by age	33,34	poliomyelitis	30
arthropod-borne	7,8,48	typhoid fever	30,31
in animals	48	whooping cough	31,32
deaths from	50-52		
Erysipelas, deaths from	50-52		

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Paratyphoid fever, cases of	19	by age	38
deaths from	50-52	deaths from	50-52
Plague, cases of	4,20	Tetanus, cases of	22
by political divisions	4,5,45	by age	38
deaths from	50-52	deaths from	50-52
Poliomyelitis, cases of	20	Trachoma, cases of	22
by age	37	deaths from	50-52
by month	30	Trichiniasis, cases of	25
deaths from	50-52	deaths from	50-52
Population of countries and territories	53	Trypanosomiasis, cases of	23
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(see also names of specific diseases)		bovine, in animals	49
Rabies, cases of	20	by age	13,14,38,39
in animals	49	by region	11,12
deaths from	50-52	deaths from	11-14,50-52
Regions, cases by, tuberculosis	12	by age	13,14
deaths by, tuberculosis	12	by region	11,12
definition of	2	by sex	14
Relapsing fever, cases of	21	Tularemia, cases of	26
louse-borne	4	deaths from	50-52
deaths from	50-52	Typhoid fever, cases of	23
Reporting areas, population of		by age	39
Colombia	3,53	by month	30,31
El Salvador	3,53	deaths from	50-52
Honduras	3,53	Typhus, flea-borne, cases of	26
Paraguay	3,53	deaths from	50-52
Peru	3,53	Typhus, louse-borne, cases of	4-6,23
population of	53	by political divisions	46
Venezuela	3,53	deaths from	50-52
Rheumatic fever, deaths from	50-52	Undulant fever (see brucellosis)	
Rickettsial diseases, other		Whooping cough, cases of	24
deaths from	50-52	by age	40
Salmonella infections, other		by month	31,32
deaths from	50-52	deaths from	50-52
Scarlet fever, cases of	21	Yaws, cases of	24
by age	37	by age	40
deaths from	50-52	by political divisions	46
Schistosomiasis, cases of	25	deaths from	50-52
deaths from	50-52	Yellow fever, cases of	4,6,24
Sex, deaths by, tuberculosis	14	by political divisions	6,47
Smallpox, cases of	4,5,21	deaths from	50-52
by political divisions	5,45	Zoonoses	48,49
deaths from	50-52	(see also names of specific diseases)	
Streptococcal sore throat,			
deaths from	50-52		