

REPORTED CASES OF NOTIFIABLE DISEASES IN THE AMERICAS, 1968



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

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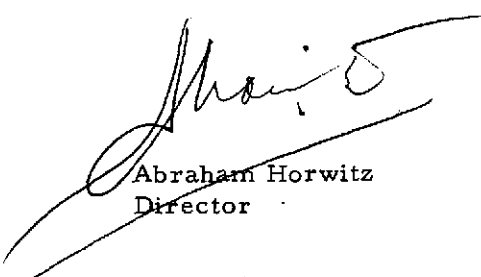
FOREWORD

This report, for the year 1968, is the eleventh of a series that was initiated in 1958 with data for the period 1946-1955. The original purpose of the series was to present in a systematic form the situation of communicable diseases in the Americas to satisfy the interest of national and international organizations. When we examine the contents of these documents over the span of ten years, we must be satisfied with the progress that has been made in quality as well as coverage. Now it is possible to study and compare the trends of the most prevalent infections and to analyze specific problems according to current needs.

We believe that the presentation of the panorama of communicable diseases which recognize neither national boundaries nor borders of any kind is useful to the Governments of the Continent in their efforts for eradication or control.

However much remains to be accomplished to improve case reporting and to investigate the magnitude and particular characteristics of these diseases which, as a group, are still one of the principal causes of mortality and morbidity in the majority of the countries of the Americas.

I wish to express my thanks to the Ministers of Health for their constant cooperation in providing the basic data for these reports.



Abraham Horwitz
Director

REPORTED CASES OF NOTIFIABLE DISEASES IN THE AMERICAS, 1968

Table of Contents

	Page
FOREWORD	iii
INTRODUCTION	1
TABLES	
I. Reported Cases of Notifiable Diseases with Rates per 100,000 Population, by Country, 1968	23
II. Reported Cases of Other Communicable Diseases with Rates per 100,000 Population, by Country, 1968	33
III. Reported Cases of Selected Communicable Diseases by Month, 1968 . .	35
IV. Reported Cases of Selected Communicable Diseases by Age, 1968 . . .	40
V. Reported Cases of Selected Communicable Diseases by Major Political Divisions of Each Country, 1968	47
VI. Reported Cases of Selected Zoonoses in Man and Animals, by Country, 1968	53
VII. Deaths from Communicable Diseases, by Country, 1968	55
VIII. A. Reported Cases and Deaths from Communicable Diseases in the Three Regions of the Americas, 1967 and 1968	58
B. Reported Cases and Deaths from Communicable Diseases per 100,000 Population in the Three Regions of the Americas, 1967 and 1968	59
APPENDIX	60
INDEX	63

TABLES AND FIGURES IN INTRODUCTION

TABLES

	Page
1. Percentage of Population Living in Reporting Areas, by Country, 1966-1968	3
2. Reported Cases of Quarantinable Diseases in the Americas, 1967-1968	4
3. Reported Cases of Plague in the Americas, 1959-1968	5
4. Reported Cases of Louse-borne Relapsing Fever in the Americas, 1959-1968	6
5. Reported Cases of Smallpox in the Americas, 1960-1969	7
6. Reported Cases of Smallpox and Vaccinations, in Brazil, by States, 1966-1969	8
7. Reported Cases of Louse-borne Typhus in the Americas, 1960-1969	9
8. Reported Cases of Jungle Yellow Fever in the Americas, 1959-1968	11
9. Reported Cases and Deaths from Influenza, by Country, 1968	16
10. Number of Reported Cases of Malaria with Rates per 100,000 Population, 1965-1968	18
11. Persons Immunized with Attenuated Live Poliovirus Vaccine, by Country, 1965-1968	21

FIGURES

1. Reported Cases of Plague in Four Countries of the Americas, 1959-1969	5
2. Areas Where Cases of Plague Were Reported in the Americas, Since 1960	5
3. Reported Cases of Smallpox and Cumulative Number of Vaccinations Administered in Brazil, 1967-1970	7
4. Status of the Smallpox Eradication Campaign in Brazil, December 1969	9

TABLES AND FIGURES IN INTRODUCTION (Continued)

FIGURES

	Page
5. Reported Cases of Louse-borne Typhus in Four Countries of the Americas, 1960-1969	10
6. Major Political Divisions of Each Country in Which Jungle Yellow Fever Was Reported, 1960-1968	11
7. Reported Cases of Jungle Yellow Fever in the Americas, 1959-1968	11
8. Deaths from Influenza per 100,000 Population in Selected Countries of the Americas, Grouped by Region, 1960-1968	13
9. Deaths from Influenza per 100,000 Population for Selected Age Groups in Four Countries of the Americas, 1960-1968	14
10. Deaths from Influenza, Bronchitis and Pneumonia per 100,000 Population for Persons 65 Years of Age and Over in Four Countries of the Americas, 1960-1968	14
11. Percentage of the Population in the Originally Malarious Area by Phase of the Eradication Program in the Americas, 1969	17
12. Reported Cases of Poliomyelitis per 100,000 Population in Three Regions of the Americas, 1955-1969	19
13. Reported Cases of Poliomyelitis per 100,000 Population in Selected Countries of the Americas, 1959-1968	20

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

International collaboration with exchange of information is essential for control and eradication of communicable diseases. Many of these diseases are common to several countries with control or eradication depending to a certain extent on simultaneous and continuing action in all. The Pan American Health Organization has the responsibility of coordinating the exchange of information between countries of the Americas. These functions, assigned to the Organization by the Member Governments, are delineated in the *Pan American Sanitary Code*⁽¹⁾ and the procedures to be followed are described in the *Guide for the Reporting of Statistical Information in the Health Field*.⁽²⁾ The new *International Health Regulations*⁽³⁾ also acknowledge the functions of the Organization in this field as prescribed by the Pan American Sanitary Code and present regulations to be followed by the Member Governments of the World Health Organization in control and reporting of the quarantinable diseases.

This is the eighth annual publication of this series on reported cases of notifiable diseases in the Americas which began in 1958 with data corresponding to the ten-year period 1946 through 1955. With the publication of 1963, which contains data for the year 1961, the series became an annual one. The information that is published is supplied by the health authorities in response to an annual questionnaire distributed jointly by the Pan American Health Organization and the World Health Organization. Replies to this questionnaire were received, in 1968, from all but three countries and from 10 of

23 other areas. Information for countries and other areas that did not send the annual questionnaire was gathered from weekly reports of communicable diseases or official annual reports or publications. The former are entered as provisional figures.

For the first time, data for selected communicable diseases in Brazil are available for the entire country by states and regions. The official published source is the new "Boletim Epidemiológico" of the Ministry of Health which was first issued in January, 1969. It is the result of an effort by the government to improve and consolidate its national reporting system.

With the exception of the quarantinable diseases - cholera, louse-borne relapsing fever, louse-borne typhus, plague, smallpox, yellow fever - which all countries report in fulfillment of international conventions and agreements, the list of notifiable diseases varies somewhat from country to country. The sources of information are the national systems for reporting on communicable diseases. Veterinary Services of the Ministry of Health or of Agriculture have contributed with information on zoonoses in animals. In some instances data on zoonoses have been taken from annual publications of the Food and Agriculture Organization.

In the analysis of the epidemiology of some communicable diseases, mortality data contribute significantly to a better interpretation of the information. These data are presented in Tables VII and VIII.

(1) *Pan American Sanitary Code*, in Official Document No. 105, PAHO, December 1970.
(2) *Guide for the Reporting of Statistical Information in the Health Field*, PAHO, Miscellaneous Publication No. 78, December 1964.
(3) *International Health Regulations*, 1969, First Annotated Edition, WHO, 1971.

ORGANIZATION OF REPORT

As in previous years this report has three principal sections: the introduction, the main tables and finally, the appendix.

The first section, the Introduction, furnishes information concerning reporting areas and the quality of reporting. It also contains an analysis of the quarantinable diseases and other diseases of Regional interest. In the present report the diseases analyzed are those that were designated subject to international surveillance by the 22nd World Health Assembly because of their special importance. In addition this section presents a synthesis of the changes introduced by the new International Health Regulations and of the concept of international surveillance.

The second section consists of eight tables (I-VIII) containing available information on notifiable diseases reported to health administrations of the countries and territories.

Tables I and II present the number of reported cases and rates per 100,000 population for 41 diseases and, for comparative purposes, the median of the previous five years and the total number of cases reported in the year prior to the report. If data are not available for the previous five years the median is based on data for four or three available years.

Table III presents the distribution of cases by month or four-week period for eight selected diseases. The distribution of reported cases by age group for 19 diseases appears in Table IV. Table V provides the distribution of the quarantinable diseases and of leprosy, malaria and yaws by major political divisions of each country.

Reported cases of certain zoonoses are given in Table VI with information on both human and animal cases, by type of

animal, when such information is available. Table VII presents information on the number of registered deaths from communicable diseases.

Table VIII is a summary of reported cases and deaths from communicable diseases by region with rates per 100,000 population. The regions have been defined for this purpose in the following manner: Northern America, including Canada, the United States, Bermuda and St. Pierre and Miquelon; Middle America, composed of Mexico, the countries of Central America, British Honduras and Panama and the countries and territories of the Caribbean and, South America, including the continent of South America and the Falkland Islands. Greenland forms part of the European Region of the WHO and consequently is excluded from this report.

Except for the quarantinable diseases, the regional totals for each disease do not necessarily include all of the countries or the same countries for each disease.

The third section presents supplementary tables. Appendix A provides estimated mid-year populations for the countries and territories of the Americas taken from published data of the United Nations. Appendix B contains estimated populations for the reporting areas. These estimates were provided by the respective countries.

Appendix Tables C and D provide information on reported cases of certain diseases in Brazil for the entire country. This information represents the first result of a great effort by this country to improve and unify its reporting system for communicable diseases.

The diseases in this report are ordered alphabetically. The numbers of each disease category refer to the Eighth Revision (1965) of the *International Classification of Diseases*⁽¹⁾.

(1) *International Classification of Diseases, 1965 Revision, Vols. 1 and 2, WHO, 1967.*

COMPLETENESS OF REPORTING

In making analyses or comparisons of information about communicable diseases various factors must be considered. An important factor is the degree of completeness of the information. This factor is closely related to the availability of medical services throughout the country and the organization of its reporting system. In the American Region the extent of coverage with medical services varies greatly from country to country and even between areas within each country. The problem of incompleteness of reporting is more serious in countries or areas where medical personnel and facilities are scarce

and travel and communications are difficult.

Programs and special campaigns against certain diseases have resulted in their improved reporting. In the same way, the demand for better statistics to satisfy planning and programming needs in the health field has contributed to this progress. These points should be kept in mind when undertaking analysis of time series of certain diseases. Variations in the criteria for diagnosis or in the definition of cases affect both the comparison of reported incidence in different areas and the evaluation of time trends.

REPORTING AREAS

In a few countries of the Americas, the reporting of notifiable diseases is limited - except for the quarantinable diseases and malaria - to "reporting areas".

The reporting area is not necessarily formed by contiguous sections of the country. It may include all of the localities with access to health services or selected communities which meet certain requirements regarding the quality or frequency of reporting. In 1968, there were reporting areas in Bolivia, El Salvador, Honduras, Paraguay, and Venezuela.

There have been few changes in these areas in recent years: Honduras, Paraguay, and Venezuela maintained approximately the same percentage coverage of the population; Peru in 1968 and Surinam in 1967 ceased identifying reporting areas and Bolivia

and El Salvador increased the percentage of the population covered by the reporting systems between 1967 and 1968 (Table 1).

Table 1. Percentage of Population Living in Reporting Areas, by Country, 1966-1968

Country	1966	1967	1968
Bolivia	50	23	42
El Salvador	75	78	83
Honduras	58	67	67
Paraguay	52	52	52
Peru	51	50	
Venezuela	69	70	69
Surinam	89	.	.

The population estimates for these reporting areas are presented in Table B of the Appendix.

QUARANTINABLE DISEASES

The International Health Regulations and the Pan American Sanitary Code prescribe in detail the commitments of Member Governments to make immediate notification of quarantinable diseases to the World Health Organization and to the Pan American Health Organization.

Five of the six quarantinable diseases, as defined under the old regulations, are present in the Region of the Americas: jungle yellow fever, louse-borne relapsing

fever, plague, louse-borne typhus, and smallpox. Cholera has not been present except as laboratory-acquired disease for over half a century. Louse-borne relapsing fever occurs only sporadically, and since 1963, no cases have been reported in the Region, with the exception of one in Peru in 1966.

Table 2 presents the distribution of reported cases by country and disease in 1967 and 1968.

Table 2. Reported Cases of Quarantinable Diseases in the Americas, 1967-1968

Country	1967				1968			
	Plague	Smallpox	Typhus, louse-borne	Yellow fever	Plague	Smallpox	Typhus, louse-borne	Yellow fever
Total	223	4 537	567	12	392	4 375	207	47
Argentina	-	a) 23	-	1	-	-	-	-
Bolivia	3	-	136	-	35	-	22	27
Brazil	157	4 514	-	2	285	4 372	-	2
Colombia	-	-	-	5	-	-	-	11
Ecuador	19	-	167	1	24	-	82	-
Guyana	-	-	-	-	-	-	-	1
Mexico	-	-	77	-	-	-	23	-
Peru	41	-	187	3	45	-	80	5
United States	3	-	-	-	3	-	-	-
Uruguay	-	-	-	-	-	a) 2	-	-
French Guiana	-	-	-	-	-	b) 1	-	-
Surinam	-	-	-	-	-	-	-	1

a) Including one case imported from Brazil. b) Imported cases.

a. Plague

In the past ten years, cases of plague in humans have been reported in only six countries in the Americas - Bolivia, Brazil, Ecuador, Peru, the United States and Venezuela - where the disease still persists in its sylvatic form. The last case of plague reported in Venezuela was in 1962.

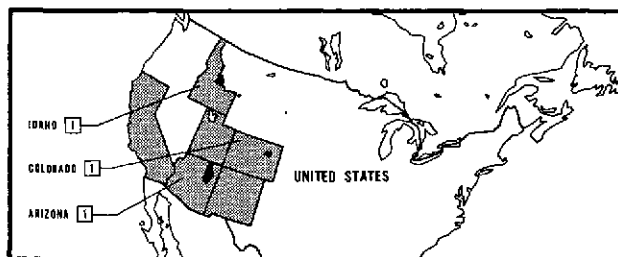
It is difficult to establish a definite trend for this disease in the Americas. Comparison of the last three decades shows that there were 3,663 cases from 1940-1949, 1,419 cases from 1950 to 1959 but 4,950 cases between 1960 and 1969. Data presented in Table 3 for the most recent decade show an upward trend culminating with 897 cases in 1966. Thereafter, reported incidence of

Table 3. Reported Cases of Plague in the Americas, 1959-1968

Country	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968
Total	93	258	308	527	423	653	845	897	223	392
Bolivia	-	12	20	-	53	49	149	3	3	35
Brazil	16	28	106	36	39	285	119	48	157	285
Ecuador	40	77	105	326	258	194	369	171	19	24
Peru	33	139	68	164	72	125	200	669	41	45
United States	4	2	3	-	1	-	8	6	3	3
Venezuela	-	-	6	1	-	-	-	-	-	-

Figure 2

AREAS WHERE CASES OF PLAGUE WERE REPORTED, IN THE AMERICAS, SINCE 1960

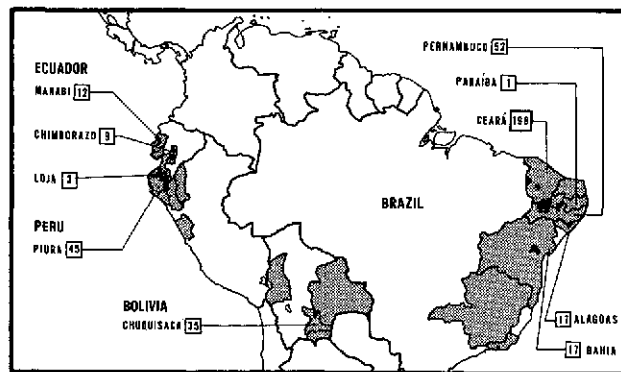
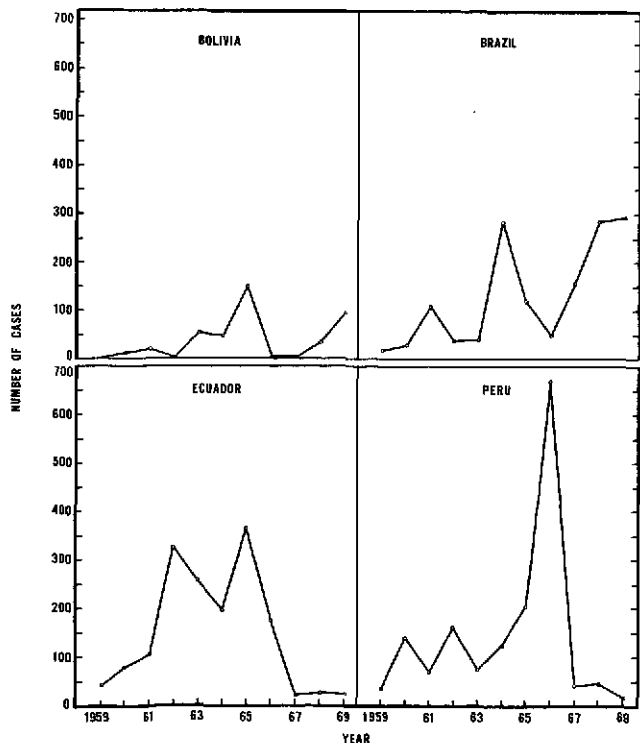


the disease declined rapidly to levels existing at the beginning of the 1960's. Figure 1 presents data showing the trend of this disease in the four countries of highest incidence. Figure 2 will facilitate the analysis of the geographical distribution of the disease.

In Bolivia, the plague areas include several provinces in the Departments of Santa Cruz, Tarija and Chuquisaca and cover approximately 70,000 square kilometers. In 1965, there were four localized epidemics in the Department of Chuquisaca

Figure 1

REPORTED CASES OF PLAGUE IN FOUR COUNTRIES OF THE AMERICAS, 1959-1968



POLITICAL DIVISIONS REPORTING CASES OF PLAGUE:
 1960-1969 1968 NUMBER CASES DURING 1968

with a total of 149 cases. In the following two years, the number of cases declined to three each year, but in 1968 outbreaks were again reported in four localities in the Provinces of Boeto and Tomina, Department of Chuquisaca, during the month of November, with a total of 35 cases and 14 deaths.

The endemic plague areas in Brazil cover approximately 230,000 square kilometers and include 205 municipalities in the States of Ceara (30), Rio Grande do Norte (5), Paraiba (9), Pernambuco (50), Alagoas (21), Bahia (74), Minas Gerais (14), and Rio de Janeiro (2). The reported incidence of the disease had been relatively low until it rose abruptly in 1964 when 285 cases were reported. In 1968 there were 285 confirmed cases of human plague, all in the northeastern part of the country. The majority were concentrated in the State of Ceara (198) and the remaining in the States of Pernambuco (52), Bahia (17), Alagoas (17) and Paraiba (1).

In Ecuador, the plague areas lie in the Provinces of Manabí, Chimborazo, Loja, El Oro, Cañar and Guayas. Between 1960 and 1966, there have been a series of epidemics resulting from infection of domestic rats with sylvatic plague. Beginning in 1967 there was a large reduction in the number of reported cases.

In 1968 there were 24 cases, five more than in the preceding year, but still below the annual totals for the eight previous years. Cases in 1968 were in the Provinces of Manabí (12), Chimborazo (9) and Loja (3).

Between 1964 and 1966, Peru suffered a series of serious epidemics which reached their peak in 1966 with a total of 669 cases. The affected area, more than 100,000 square kilometers, includes various provinces of the Departments of Piura, Lambayeque, Cajamarca, Tumbes and Amazonas in the northern part of the country. As in the case of Ecuador, there has been a significant decrease in the past two years.

In 1968, 45 cases were reported from the Department of Piura on the frontier with Ecuador.

The three cases reported in the United States in 1968 were in the States of Arizona, Colorado and Idaho.

b. Relapsing fever, louse-borne

This disease is very rare in the Americas. In the last ten years there have been 19 reported cases in the entire Region; ten were in 1959 (Bolivia 1, and Peru 9).

From 1963 to date only one case has been reported, in Peru, in 1966 (Table 4).

Beginning in January 1971, this disease which has been one of the quarantinable diseases will no longer be subject to the new International Health Regulations but will be subject to international surveillance.

Table 4. Reported Cases of Louse-borne Relapsing Fever in the Americas, 1959-1968

Year	Bolivia	Colombia	Mexico	Peru
Total	1	4	3	11
1959	1	-	-	9
1960	-	4	-	-
1961	-	-	-	1
1962	-	-	3	-
1963	-	-	-	-
1964	-	-	-	-
1965	-	-	-	-
1966	-	-	-	1
1967	-	-	-	-
1968	-	-	-	-

c. Smallpox

A safe and inexpensive method for the prevention of smallpox has been known for almost two hundred years, yet until the beginning of the 1960's nine of the 14 countries and territories of South America continued reporting smallpox cases. In 1968, 4,375 cases of smallpox were reported in the region: 4,372 cases in Brazil, one imported case in French Guiana and two cases in Uruguay, one of which was also imported (Table 5).

In 1962, Brazil initiated a massive vaccination program which reached nearly six and one half million inhabitants in states of the Northeast by 1966.

In 1966 a smallpox eradication campaign was organized whose object, according to the decree which created it, was to "intensify and coordinate throughout the country, public and private activities directed toward preventing and fighting smallpox, in all its clinical forms, with the goal of obtaining the eradication of this disease". As a part of this campaign 18,819,572 people were vaccinated in 1967-1968 and 20,886,943 in 1969.

Table 5. Reported Cases of Smallpox in the Americas, 1960 - 1969

Country	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969
Total	8 532	9 065	9 852	7 348	3 621	3 484	3 565	4 537	4 375	7 380
Argentina	65	6	a) 2	-	a) 13	a) 15	21	a) 23	-	-
Bolivia	1	-	-	-	5	-	-	-	-	-
Brazil	6 018	8 546	9 583	6 433	3 076	3 269	3 518	4 514	4 372	7 377
Canada	-	-	b) 1	-	-	-	-	-	-	-
Colombia	209	16	41	4	21	149	8	-	-	-
Ecuador	2 185	496	204	45	c) 42	-	-	-	-	-
Paraguay	35	-	-	-	7	32	5	-	-	-
Peru	-	-	-	865	454	18	13	-	-	-
Uruguay	a) 19	b) 1	a) 10	b) 1	b) 3	b) 1	-	-	a) 2	a) 3
Venezuela	-	-	11	-	-	-	-	-	-	-
French Guiana	-	-	-	-	-	-	-	-	b) 1	-

a) Imported cases included. b) Imported cases.

Figure 3 presents the number of reported cases of smallpox and the number of vaccinations administered in the eradication campaign in Brazil by month in the period 1967-1970. It is very difficult to establish what part of the rise in reported cases resulted from actual increased incidence of the disease and what part was due to improved reporting associated with the rigorous epidemiological surveillance of the vaccination campaign.

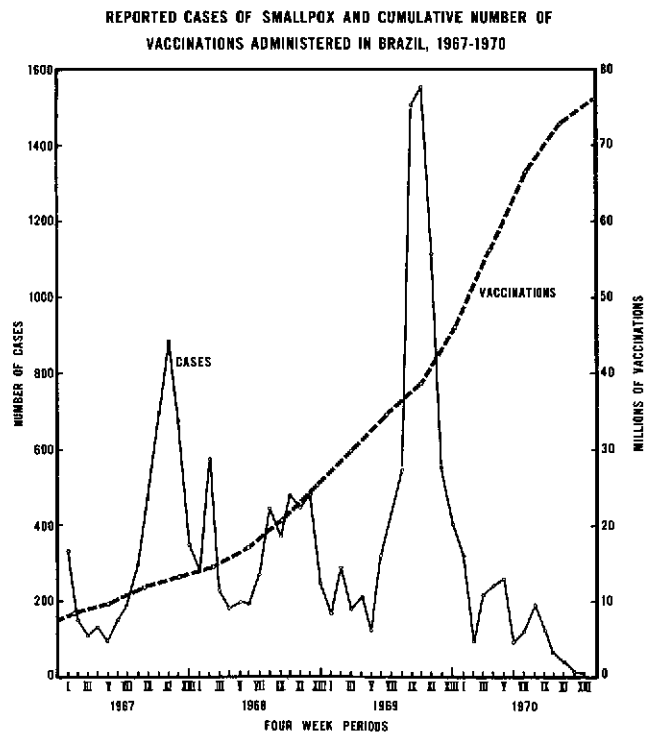
Analysis of Table 6 illustrates this difficulty. In Bahia, Minas Gerais and Paraná, for example, the number of cases rose notably when these states were in the attack phase of the campaign.

In other states the increase in cases was considerably smaller (Paraíba, Alagoas, Rio Grande do Sul). In other states no increase was noted (São Paulo, Goiás).

By the end of December 1969, the attack phase of the vaccination campaign had been concluded in all of the states in the Northeast with the exception of Bahia, in the States of Espírito Santo and Rio de Janeiro on the south coast and in Goiás State and the Federal District in the central west.

The attack phase was nearing its end in São Paulo and large numbers of vaccinations were being administered in the States of

Figure 3



NOTE: Vaccinations administered by the smallpox eradication campaign only.

Table 6. Reported Cases of Smallpox and Vaccinations,^(a) in Brazil, by States, 1966-1969

State	1966		1967		1968		1969	
	Cases	Vaccinations (b)	Cases	Vaccinations	Cases	Vaccinations	Cases (c)	Vaccinations
Total	3 518	6 437 834	4 514	6 595 646	4 372	12 223 926	7 377	20 886 943
North								
Rondônia	-	-	-	-	-	-	-	-
Acre	-	-	-	-	-	-	-	-
Amazonas	7	-	13	-	5	-	4	-
Roraima	2	-	-	-	7	-	1	-
Pará	25	-	9	-	4	-	-	-
Amapá	23	-	-	-	24	-	2	-
Northeast								
Maranhão	7	-	62	-	51	1 106 633	4	1 186 059
Piauí	563	980 044	9	326 170	9	-	-	-
Ceará	291	-	178	2 528 610	120	1 180 433	2	-
Rio Grande do Norte	-	954 812	-	-	4	-	-	-
Paraíba	20	-	139	1 525 083	112	794 501	-	-
Pernambuco	8	3 837 202	1	-	-	-	-	-
Alagoas	8	-	98	1 263 293	3	-	-	-
Fernando de Noronha	-	-	-	-	-	1 240	-	-
Sergipe	2	665 776	-	-	-	-	97	-
Bahía	-	-	214	-	612	1 355 157	2 140	2 193 609
Southeast								
Minas Gerais	143	-	95	-	392	995 926	1 402	5 241 195
Espírito Santo	12	-	228	-	157	-	384	1 455 393
Rio de Janeiro	44	-	81	696 98	74	3 483 458	19	396 595
Guanabara	45	-	36	-	69	-	34	-
São Paulo	1 460	-	2 261	-	1 598	1 693 341	1 432	5 943 675
South								
Paraná	42	-	137	-	218	-	992	3 338 199
Santa Catarina	9	-	158	-	93	-	11	-
Rio Grande do Sul	319	-	384	-	459	-	822	1 132 218
West Central								
Mato Grosso	32	-	37	-	19	-	7	-
Goiás	455	-	342	507 878	321	1 613 237	14	-
Distrito Federal	1	-	32	374 914	21	-	10	-

(a) Vaccinations done during the smallpox eradication campaign only. (b) Vaccinations done during the period of 1962-1966. (c) Provisional data.

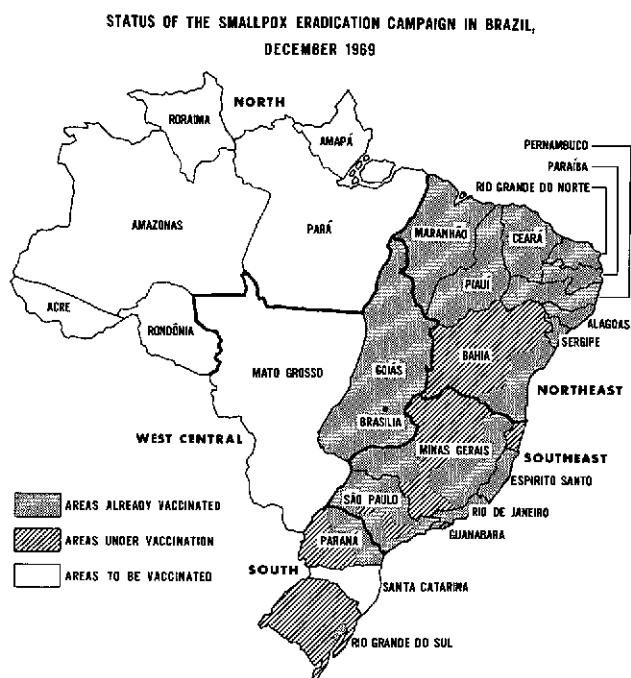
Bahia, Minas Gerais, Paraná and Rio Grande do Sul. There were only 1,771 cases of smallpox reported for the whole country in 1970 compared with 7,377 cases in 1969.

Figure 4 shows the progress in the vaccination campaign in Brazil through the end of 1969. Vaccinations have not taken

place in the northern states and Mato Grosso, but they contain only a small and dispersed population. In contrast, states where vaccinations have been carried out account for 95 per cent of the population of Brazil even though they encompass less than half of the national territory.

The enormous effort put forth by Brazil is a decisive step toward the eradication of smallpox in the Region of the Americas.

Figure 4



From 4,195 cases reported in the Region of the Americas in 1950, reported incidence has decreased steadily, reaching 1,545 in 1955 and 668 in 1960.

During the 1960's the decline evident in the Region during the previous decade was not visible (Table 7). The number of cases fluctuated between 461 and 567 per year with the exception of 1964 (279 cases) and 1968 (207 cases). Chile and Colombia have not reported cases of typhus since 1967 and 1965 respectively. Ecuador was able to reduce its number of cases from 481 at the beginning of the decade to 27 cases in 1969. Bolivia, Mexico and Peru have demonstrated a consistent decline in the last three or four years.

Table 7 . Reported Cases of Louse-borne Typhus in the Americas, 1960-1969

Country	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969
Total	668	474	557	465	279	461	461	567	207	86
Bolivia	7	1	1	141	64	126	206	136	22	23
Chile	10	6	3	11	4	11	6	-	-	-
Colombia	26	-	-	2	1	-	-	-	-	-
Ecuador	481	348	493	259	80	189	130	167	82	27
Mexico	106	89	3	39	86	34	75	77	23	8
Peru	38	30	57	13	44	101	44	187	80	28

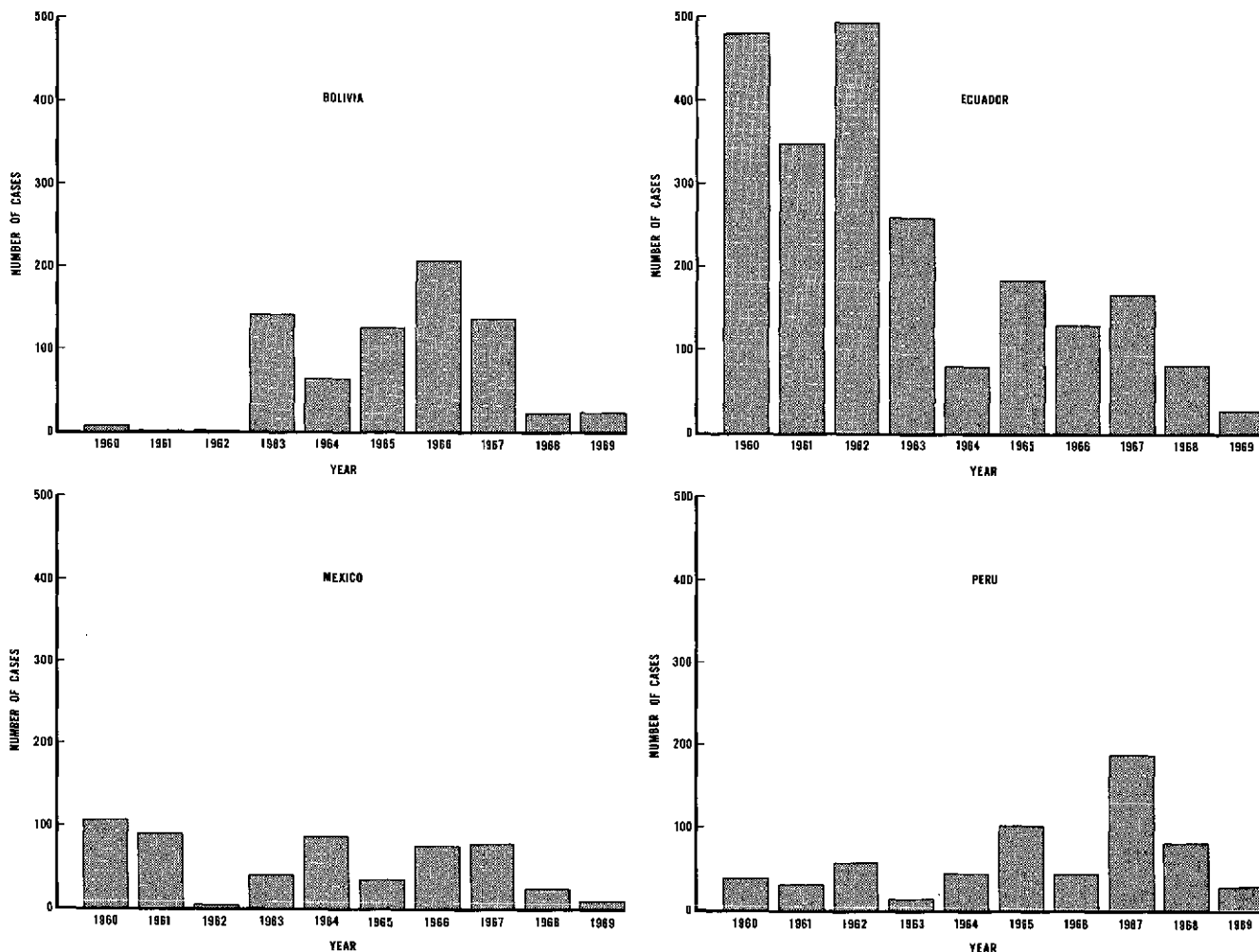
d. Typhus, louse-borne

This disease, historically important, has been one of the six diseases subject to international quarantine. Because of its reduced incidence and because the present endemic areas do not affect international travel or trade, after 1 January 1971 louse-borne typhus will no longer be subject to the new International Health Regulations, although it will continue to be under international surveillance. In the Region of the Americas the disease is confined to the mountainous areas of Bolivia, Ecuador, Mexico and Peru. (Figure 5).

In 1968 there were 22 cases in Bolivia, 82 in Ecuador, 23 in Mexico and 80 in Peru. Hopefully the control and surveillance programs of these countries will achieve further reductions in the incidence of this disease.

Figure 5

REPORTED CASES OF LOUSE-BORNE TYPHUS IN FOUR COUNTRIES OF THE AMERICAS, 1960-1969



e. Yellow fever

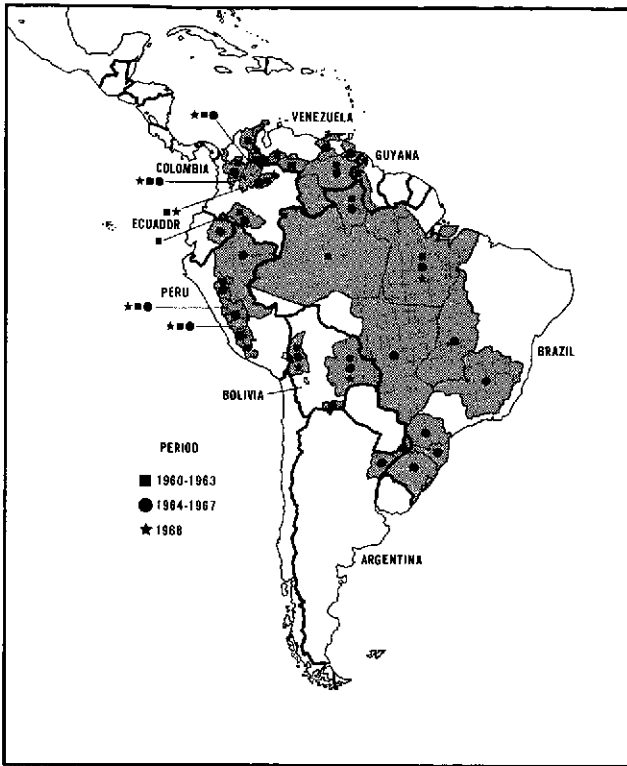
During the year 1968, 47 cases of jungle yellow fever were reported in humans in the Americas. While this figure is higher than the number (12) in 1967, it is lower than any annual figure in the preceding six years.

All of the cases were in the enzootic area in South America, that is, the basins of the Amazon, Magdalena, and Orinoco Rivers. (Figure 6). Twenty-seven cases

occurred in Bolivia in the first half of the year; 24 in the Department of La Paz and three in Santa Cruz (Table 8). Eleven cases were reported in Colombia from the Departments of Boyacá (5), Caldas (1), Cundinamarca (1), and Santander (4). There were five cases in Peru in the Departments of Huánuco (4) and Junín (1). Surinam reported a case of yellow fever for the first time. Guyana, which had not reported any cases since 1961, reported one case in 1968.

Figure 6

MAJOR POLITICAL DIVISIONS OF EACH COUNTRY IN WHICH JUNGLE YELLOW FEVER WAS REPORTED, 1960-1968



For the second consecutive year, Brazil reported only two cases. Those in 1967 were in the north of the State of Pará and the territory of Roraima and the two

Table 8. Reported Cases of Jungle Yellow Fever in the Americas, 1959-1968

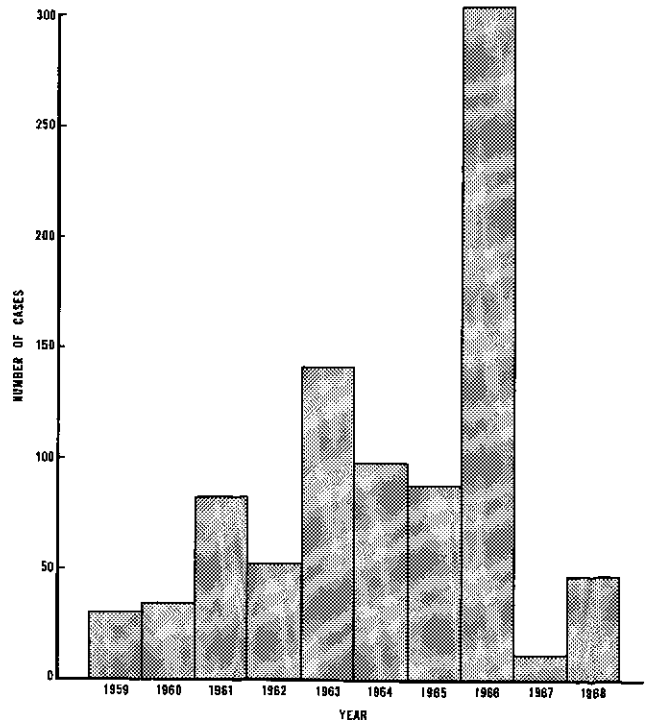
Country	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968
Total	30	34	82	52	141	98	87	304	12	47
Argentina	-	-	-	-	-	-	2	51	1	-
Bolivia	1	14	2	-	81	13	19	69	-	27
Brazil	4	1	2	1	-	13	14	167	2	2
Colombia	21	11	9	30	10	10	2	3	5	11
Ecuador	-	-	-	-	-	-	-	-	1	-
Guyana	-	-	2	-	-	-	-	-	-	1
Peru	1	6	53	20	49	60	45	9	3	5
Trinidad and Tobago	2	-	-	-	-	-	-	-	-	-
Venezuela	1	2	14	1	1	2	5	5	-	-
Surinam	-	-	-	-	-	-	-	-	-	1

cases in 1968 were also in Pará. The outbreak of 167 cases in 1966 took place in the states of Paraná, Rio Grande do Sul and Santa Catarina in the south.

Figure 7 shows the level of reported cases of yellow fever in South America from 1959-1968. Clearly, there were significant increases in 1961, 1963 and 1966. In 1961, 64 per cent of the 82 cases were in Peru while in 1963, of the 141 reported cases, 57 per cent were in Bolivia and 34 per cent in Peru. In contrast in 1966, the year of highest incidence since 1952, 54 per cent of the 304 cases were in Southern Brazil and another 16 per cent in bordering provinces of Argentina. This southward spread of the virus began in 1964, when it moved from the Amazon River basin into the States of Mato Grosso and Goiás, and continued to the northern portions of the Paraná and Uruguay Rivers in 1965 and 1966

Figure 7

REPORTED CASES OF JUNGLE YELLOW FEVER IN THE AMERICAS, 1959-1968



INTERNATIONAL SURVEILLANCE

The new International Health Regulations which replace the International Sanitary Regulations, went into effect in January, 1971. The new title and the changes that were introduced are the result of more modern approaches to international protection and are more in accordance with present knowledge and experience.

Defensive action based on quarantine has been only partially effective and, in many cases, excessive measures employed by health administrations have constituted an unnecessary obstacle to commerce and international travel. A more positive international action is called for; one which is based on surveillance and elimination of foci from which infection disseminates and on the development of health services capable of detecting infections coming from outside the country and thereby preventing them from gaining a foothold.

To meet these objectives, a program of epidemiological surveillance is required with emphasis on the control and prevention of the spread of the communicable diseases.

Epidemiological surveillance has two well defined goals: the early identification of acute problems that require immediate action and adequate knowledge of the epidemiological situation in a region or country. The latter permits the discovery of changes in the diseases, their trends and in conditioning factors which forms the basis for adjusting control measures.

To achieve the goals of surveillance, systematic and current collection of pertinent and relevant information, its analysis and interpretation, and the diffusion of findings and recommendations are necessary. Special effort must be made to be certain that the latter reach those charged with formulating and carrying out control measures.

The 22nd World Health Assembly in July, 1969, approved the new International Health Regulations taking into consideration the recommendations of the Committee on International Quarantine, the observations of the member countries and the discussions which took place in the Assembly. Four diseases - cholera, plague, smallpox and yellow fever - were made subject to the Regulations and five others - viral influenza, louse-borne relapsing fever, louse-borne typhus, malaria and paralytic poliomyelitis were to be under surveillance.

Regarding the five diseases subject to international surveillance, the Assembly requested (Resolutions WHO 22/47 and 22/48) the governments to notify WHO of outbreaks of these diseases by telegram or telex and to supply supplementary epidemiological information as quickly as possible. For its part, the Organization will publish the information in its weekly epidemiological report in addition to forwarding the information directly to other health administrations.

The Assembly also requested that the WHO publish an annual epidemiological study on the incidence and trends of these diseases; and, when called for, information about any modification of these trends.

By mandate of the Assembly, the WHO is also preparing guidelines on surveillance of certain communicable diseases and assisting member states to utilize the available services in order to carry out this surveillance with maximum efficiency.

The diseases included in the international surveillance program have as common characteristics the capability of giving rise to epidemics and the need for timely dissemination of adequate information about the appearance of outbreaks. Prompt identification and rapid reporting are of incalculable value for preparedness in prevention or impeding outbreaks.

INFLUENZA

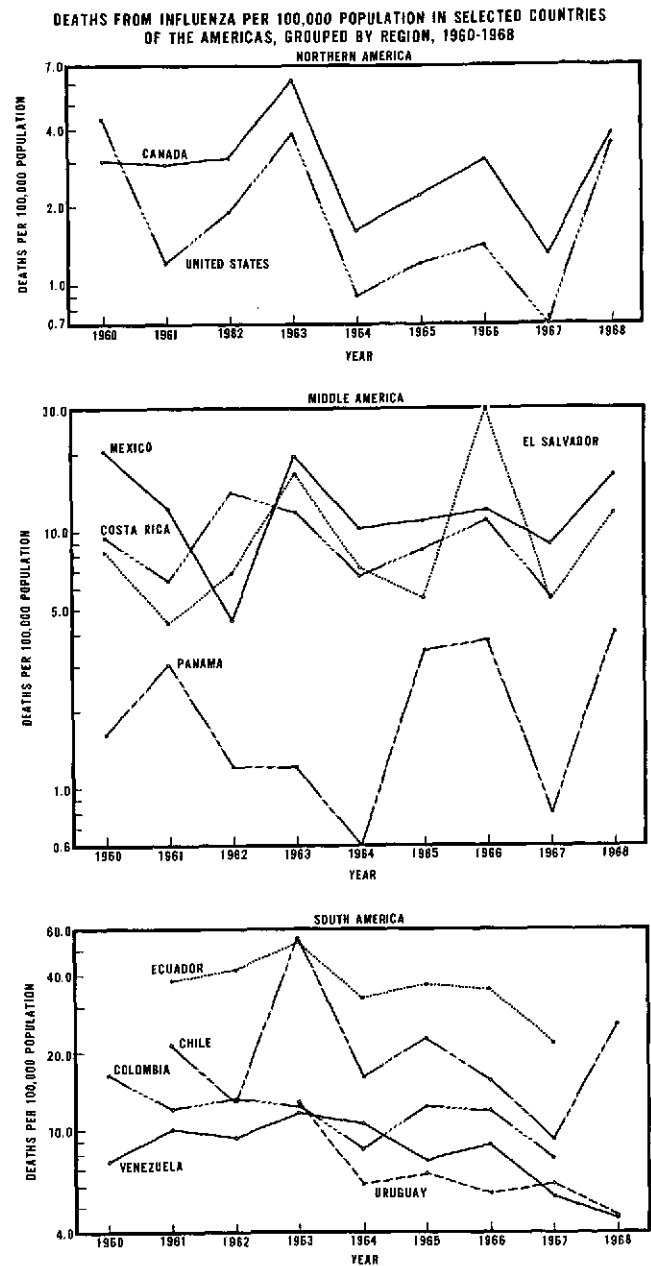
The Twenty-second World Health Assembly designated viral influenza as one of the four diseases to be subject to international surveillance and requested the Director-General to publish an annual epidemiological study of the incidence and trends of the disease.

Statistics on reported cases of influenza usually meet with skepticism because of the difficulty of differential clinical diagnosis of the disease caused by influenza virus and those caused by a number of other etiological agents. Furthermore, the extensive incidence of influenza during epidemics when a very large proportion of the population may be affected, overburdens medical care systems and case reporting is far from satisfactory. Also during the course of an epidemic as many as 20-25 per cent of the influenza cases may be sub-clinical.

Although case fatality is usually low, mortality, which increases during epidemics, may be used to estimate changes in incidence. However, in interpreting death rates from influenza, it should be emphasized that they tend to understate the actual impact of the disease. Deaths assigned to complications of viral influenza, especially pneumonia, bronchitis and, among older patients, excess mortality associated with debilitating cardiac, pulmonary, renal or metabolic diseases which worsen under the impact of influenza, frequently account for more fatalities than the disease itself.

Influenza death rates per 100,000 population are presented in Figure 8 for selected countries in the Americas since 1960. A cyclical pattern of recurrent epidemics in a number of countries is evident: Death rates peaked in 1963, 1966 and 1968 with troughs in the intervening years. Four countries, Canada, El Salvador, Mexico and the United States conformed to this pattern. An additional five, Costa Rica, Chile, Ecuador, Panama and Uruguay were affected in one or two of these three peak

Figure 8

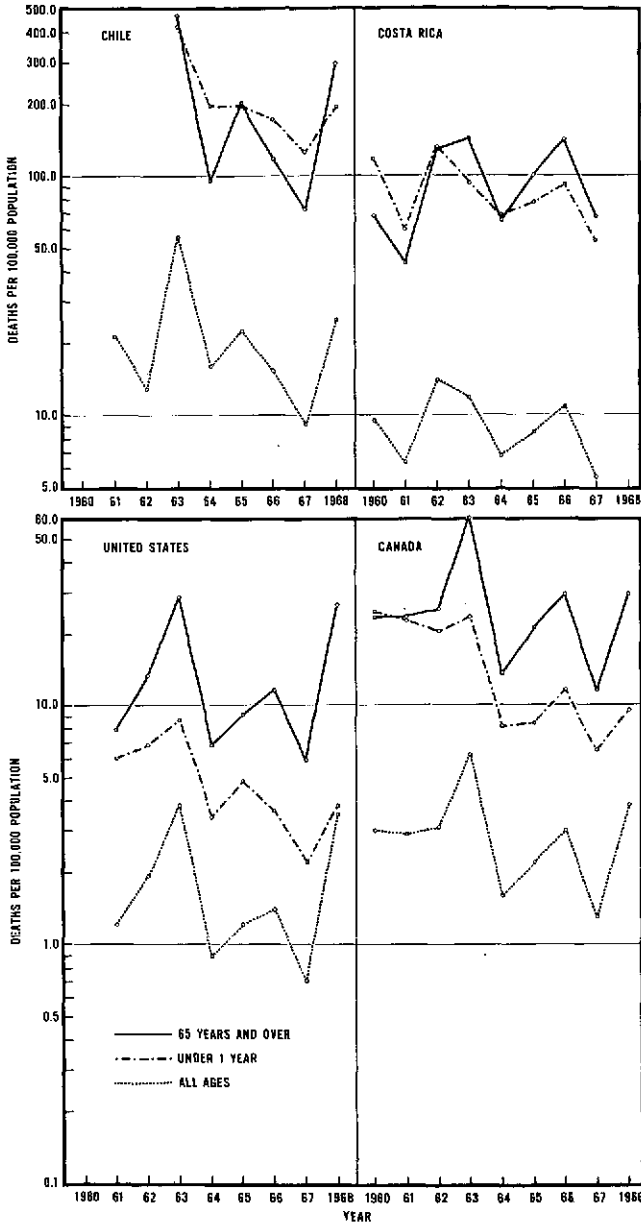


years. In Colombia and Venezuela variations in yearly influenza death rates were not clearly related to this general pattern.

Figure 9 compares influenza death rates for selected age groups with influenza death rates for the general population in Canada, Chile, Costa Rica and the United States between 1960 and 1968. It reveals

Figure 9

DEATHS FROM INFLUENZA PER 100,000 POPULATION FOR SELECTED AGE GROUPS IN FOUR COUNTRIES OF THE AMERICAS, 1960-1968



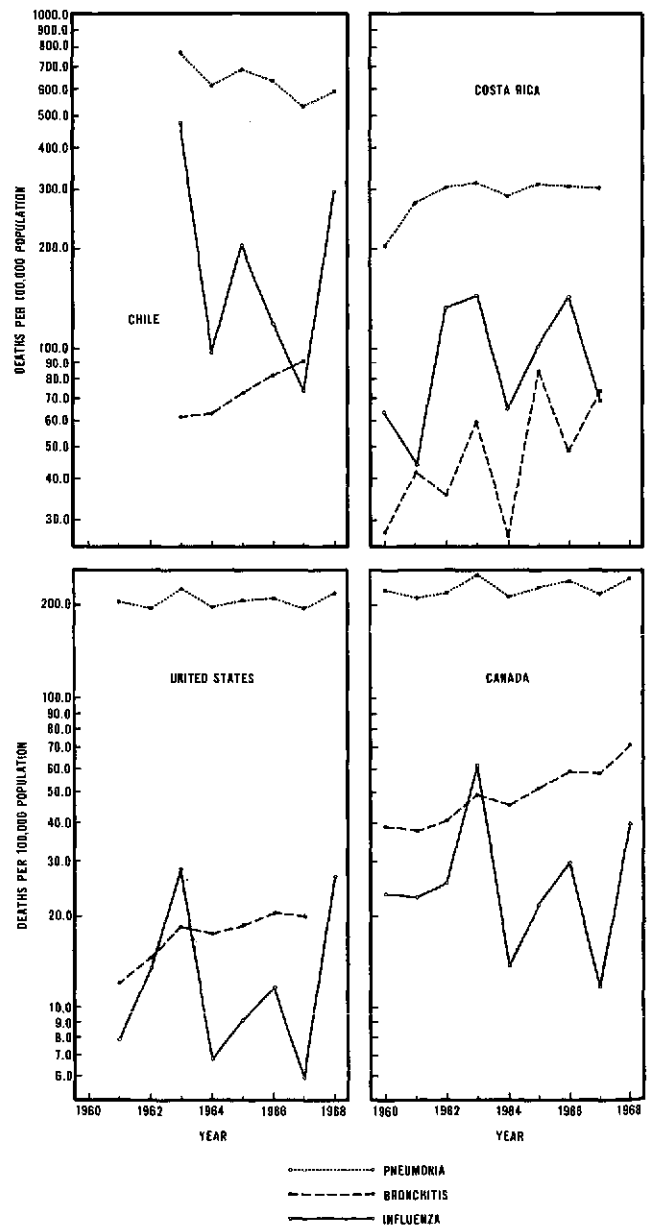
the greater severity of the disease among infants (those less than one year of age) and elderly persons (those 65 years of age or over). In each country, death rates were substantially higher for these age groups than for the general population. In Canada and the United States influenza posed the greatest threat to the elderly population while in Chile it tended to strike hardest

among this age group only in years of peak incidence. In Costa Rica death rates from influenza for persons 65 years and over were not consistently higher than the rates for those under one year.

Figure 10 permits analysis of variations in influenza, pneumonia and bronchitis death rates for persons 65 years and

Figure 10

DEATHS FROM INFLUENZA, BRONCHITIS AND PNEUMONIA PER 100,000 POPULATION FOR PERSONS 65 YEARS OF AGE AND OVER IN FOUR COUNTRIES OF THE AMERICAS, 1960-1968



over in these same countries. Peaks and troughs in influenza death rates are paralleled by those of pneumonia in Canada, Chile and the United States. However, fluctuations in pneumonia death rates in these three countries are considerably less pronounced than for influenza. A similar relationship exists between death rates from influenza and bronchitis in Canada and the United States. In Chile a common pattern of variation for these two diseases is not readily discernible. Variation in influenza death rates in Costa Rica bears little relation to fluctuation in death rates from pneumonia and bronchitis in this age group.

The most notable feature of influenza in the hemisphere during 1968 was the appearance of a new variant of the A2 virus. The new subtype, identified in July 1968 in association with an epidemic of approximately 500,000 cases in Hong Kong was given the designation A2/Hong Kong/68. The new variant was carried by travelers across the Pacific Ocean to Hawaii, the west coast of Continental United States and the Canal Zone. Isolated cases of A2/Hong Kong/68 were reported in the United States early in September, but the first documented outbreak in a civilian population did not come until the following month. During December cases were reported in Cordoba, Argentina, among contacts of a family arriving from Los Angeles, California. Isolates of A2/Hong Kong/68 were also obtained in Lima and Callao, Peru, from among fifty doctors returning from a medical conference in San Antonio, Texas. The Hong Kong variant also appeared in Canada, Puerto Rico and Jamaica before the end of the year. However, widespread outbreaks of the disease in 1968 were restricted to the United States, Canada and Puerto Rico.

In Canada and the United States, A2/Hong Kong/68 produced high levels of excess mortality in conjunction with widespread disease during the influenza season beginning in October 1968 and ending in late winter 1969. In Canada, deaths from influenza increased significantly in December, and then rose sharply to a peak in January

1969. In the United States, data collected from 122 cities indicate that mortality from pneumonia and influenza rose above the epidemic threshold during the first week in December and peaked shortly after the end of the year. Total excess mortality during the epidemic from all causes in these same cities was 19,700 deaths, indicating that the epidemic was the most severe since the epidemic of Asian influenza in 1957-1958. Excess mortality in the same 122 cities at that time was 26,900 deaths.

The effects of the established types of influenza, A2 and B, were also observed in the Hemisphere in 1968. In the United States, excess mortality from pneumonia-influenza in 122 cities in the 1967-1968 influenza season reached its highest point in January 1968, at approximately 70 percent of the corresponding excess of the A2/Hong Kong/68 epidemic during the 1968-1969 season. Canada also experienced a fairly severe outbreak at this time. As in the United States, mortality peaked in January 1968. A generally mild outbreak of low incidence was reported in Chile, in January, and was also associated with influenza A2. An epidemic of A2 in Puerto Rico during January and February was said to be more severe than the one associated with A2/Hong Kong/68 at the end of the year. By the termination of the third quarter of 1968, outbreaks of moderate incidence were reported in Argentina and again in Chile. Reported deaths from influenza in Chile in 1968 were 70 per cent higher than the annual average of the four preceding years. Reported deaths in Mexico from influenza during 1968 increased to the same extent over the 1964-1967 annual average. However, epidemiological information on this outbreak is not available. Isolates of B virus were obtained in Trinidad and Tobago between July and September. The disease affected mostly children. The only other reports of B virus in 1968 came from Canada, in March, and Jamaica in October and November.

Reported cases and deaths from influenza during 1968 for the countries and territories of the Americas are presented in Table 9.

Table 9. Reported Cases and Deaths from Influenza, by Country, 1968

Country	Cases	Deaths	Territory	Cases	Deaths
Argentina	178 141	a) 537	Antigua	...	...
Barbados	-	3	Bahama Islands	2	...
Bolivia	b) 2 126	...	Bermuda	60	1
Brazil	...	...	British Honduras	-	-
Canada	* ...	785	Canal Zone	-	-
Chile	15 232	2 363	Cayman Islands	...	...
Colombia	90 962	...	Dominica	1 113	-
Costa Rica	10 709	...	Falkland Islands	+ -	-
Cuba	...	...	French Guiana	+ -	1
Dominican Republic	65 897	93	Grenada	...	3
Ecuador	...	...	Guadeloupe	+ -	...
El Salvador	b) 53 587	375	Martinique	* ...	11
Guatemala	27 425	...	Montserrat	...	...
Guyana	4 004	...	Netherlands Antilles	...	...
Haiti	17 173	...	Puerto Rico	186 288	...
Honduras	b) 5 503	...	St. Kitts, Nevis and Anguilla	+ 91	...
Jamaica	+ 1 691	72	St. Lucia	2 619	-
Mexico	36 579	7 739	St. Pierre and Miquelon	...	...
Nicaragua	5 293	32	St. Vincent	...	...
Panama	3 895	55	Surinam	* ...	...
Paraguay	b) 16 217	c) 208	Turks and Caicos Islands	...	...
Peru	+ 53 175	...	Virgin Islands (U. K.)	...	...
Trinidad and Tobago	7 022	...	Virgin Islands (U. S.)	...	...
United States	* ...	7 062			
Uruguay	3 964	129			
Venezuela	b, d) 13 364	420			

a) Excluding deaths from the provinces of Buenos Aires (entire year), and Jujuy and Tierra del Fuego (January and February); area covered includes approximately 65 percent of the total population. b) Reporting area, cases. c) Death registration area accounting for approximately 50 percent of the total population. d) Including, probably, cases of common cold and bronchial processes reported as influenza.

MALARIA

The coordinated malaria eradication program in the Americas, supported by the Member Governments at the Pan American Sanitary Conference, in 1954, was initiated between 1956 and 1959 by all countries which had malarious areas.

The area that was originally malarious in the Americas contained in 1968 an estimated population of 174,704,000 and covered approximately 15,663,997 square kilometers. Prior to the initiation of the coordinated malaria eradication program in the Region, Barbados, Chile, the United States, Martinique, Puerto Rico and Virgin

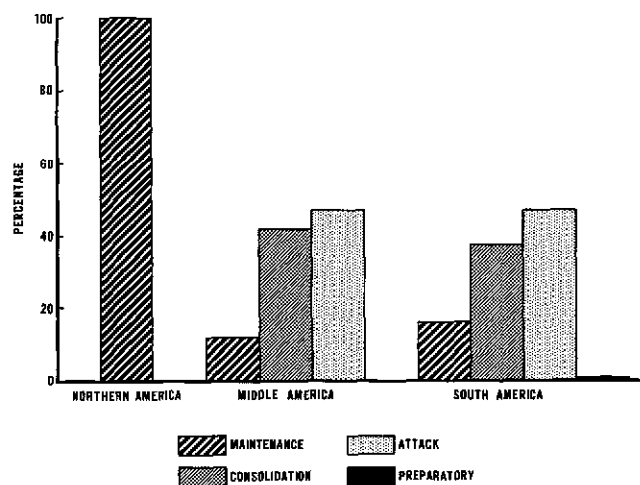
Islands (US), had already eradicated the disease. The estimated population of the malarious areas of these countries was 58,382,000 in 1968. Of the remaining 116,322,000 inhabitants who, in 1968, lived in countries which had begun active malaria eradication programs, 12.1 per cent were in areas in the maintenance phase and 39.4 per cent in areas in the consolidation phase. In other words, 51.5 per cent of the population lived in areas where transmission of the disease had been interrupted, and 48.3 per cent lived in areas in the attack phase; only 0.2 per cent lived in areas

where the attack phase was under preparation.

Figure 11 shows the status of the different phases of the campaign by region in 1969. As can be observed, all of the Northern American region is in the maintenance phase. In Middle America, 53.4 per cent of the population lives in areas where transmission of the disease has been interrupted (in maintenance or consolidation), while only 46.6 per cent live in areas in the attack phase. These percentages are very similar in the region of South America.

Figure 11

PERCENTAGE OF THE POPULATION IN THE ORIGINALLY MALARIOUS AREA BY PHASE OF THE ERADICATION PROGRAM IN THE AMERICAS, 1969



In recent years, statistics on malaria cases have, for the most part, consisted of cases confirmed by national malaria eradication programs. The interpretation of trends in the incidence of the disease is difficult since the active search for cases and epidemiological surveillance activities result in increases in the number of reported cases. On the other hand, a large number of cases with fever as the principal symptom and which were attributed to malaria are now discarded by laboratory diagnosis. During 1968, 271,639 cases of malaria were reported in the Americas.

This figure is lower than those for the two preceding years but higher than in 1965 (Table 10).

The Dominican Republic which had a very high rate of 516 per 100,000 population at the beginning of the decade reduced the rate to less than one by 1968. Cuba has finished the attack phase and all of its territory is in the consolidation phase. The last autochthonous case was in June, 1967.

A great deal of progress has been made in Brazil, above all in the Northeast and along the eastern coast where approximately 80 per cent of the malarious area population resides. The program has been well supported since it was given high priority by the Government in 1967. A significant reduction in the number of cases can be observed for 1968 and 1969.

The malarious area of Argentina includes only the northern region of the country and corresponds to the southern limit of the malarious area of the continent. Administrative and financial difficulties in 1966 and 1967 interrupted the continual decline in incidence of previous years. With the resolution of the majority of these problems in 1968 there was a significant reduction of the rate to 0.4 per 100,000 population.

Colombia, Costa Rica and Peru evidence definite reductions in incidence rates even though they remain at relatively high levels. On the other hand, in Bolivia, Ecuador, Honduras and Mexico, the number of cases has risen in the recent years as a result of financial, administrative, and operational difficulties which interfered with their eradication programs.

Malaria was eradicated in the United States prior to the initiation of the Regional program. At the beginning of the decade (1961), the United States reported only 73 cases. However, this figure grew yearly thereafter and in 1968, 2,317 cases were reported. This increase is largely accounted for by cases imported by military personnel returning from Asia.

Table 10. Number of Reported Cases of Malaria with Rates per 100,000 Population, 1965-1968

Country and region	Number				Rate			
	1965	1966	1967	1968	1965	1966	1967	1968
Argentina	387	428	1 624	105	1.7	1.9	7.0	0.4
Barbados	...	...	...	-	...	...	...	-
Bolivia	941	1 380	1 358	1 998	21.7	31.0	29.8	42.7
Brazil	110 306	108 630	102 842	79 357	136.6	130.6	120.1	90.0
Canada	3	7	9	1	0.0	0.0	0.0	0.0
Chile	-	1	1	-	-	0.0	0.0	-
Colombia	18 888	22 148	14 386	14 328	104.8	119.1	75.0	72.3
Costa Rica	2 563	3 046	4 418	1 133	172.0	197.1	277.9	69.3
Cuba	127	36	46	4	1.7	0.5	0.6	0.0
Dominican Republic	3 063	495	127	21	84.5	13.2	3.3	0.5
Ecuador	4 172	4 698	11 453	37 475	81.0	88.2	207.9	658.0
El Salvador	34 217	68 562	82 961	35 831	1 168.6	2 257.9	2 632.8	1 096.9
Guatemala	14 472	22 045	21 175	10 969	326.1	481.9	448.9	225.5
Guyana	28	911	193	61	4.3	134.6	27.7	8.5
Haiti	12 740	9 307	10 471	7 030	289.8	207.5	228.8	150.4
Honduras	6 952	17 127	16 152	15 666	318.7	759.2	692.3	618.0
Jamaica (a)	2	2	2	2	0.1	0.1	0.1	0.1
Mexico	10 114	11 605	15 163	26 318	23.7	26.3	33.2	55.7
Nicaragua	8 307	15 647	13 209	7 151	501.9	909.7	740.8	387.0
Panama	2 063	3 668	4 014	1 752	174.6	285.1	302.1	127.7
Paraguay	6 728	32 996	50 304	20 743	634.2	3 019.7	4 451.7	1 789.7
Peru	1 877	2 051	2 771	2 010	16.1	17.1	22.4	15.7
Trinidad and Tobago	-	-	-	5	-	-	-	0.5
United States (a)	147	565	2 022	2 317	0.1	0.3	1.0	1.2
Uruguay	2	4	-	-	0.1	0.1	-	-
Venezuela (a)	5 339	5 481	5 257	5 735	62.2	62.1	58.0	61.6
Antigua	-	-	-	-	-	-	-	-
Bahamas	1	1	-	-	0.7	0.7	-	-
Bermuda (a)	-	-	1	-	-	-	2.0	-
British Honduras	207	552	375	39	193.5	497.3	326.1	33.6
Canal Zone	9	31	44	22	16.7	55.4	78.6	39.3
Cayman Islands	...	-	...	...	...	-	...	...
Dominica	-	-	-	-	-	-	-	-
Falkland Islands	-	-	-	-	-	-	-	-
French Guiana	22	11	-	-	62.9	29.7	-	-
Grenada	...	...	...	...	...	...	...	...
Guadeloupe	-	-	-	-	-	-	-	-
Martinique	-	-	-	-	-	-	-	-
Montserrat	-	-	-	-	-	-	-	-
Netherlands Antilles	...	...	...	-	...	...	...	-
Puerto Rico	2	10	15	10	0.1	0.4	0.6	0.4
St. Kitts-Nevis and Anguilla	-	-	-	-	-	-	-	-
St. Lucia	-	-	-	-	-	-	-	-
St. Pierre and Miquelon	-	-	...	...	-	-	...	...
St. Vincent	...	-	...	...	...	-	...	...
Surinam	4 171	3 405	1 896	1 556	1 234.0	972.9	522.3	414.9
Turks and Caicos Islands	...	1	-	...	...	16.7	-	...
Virgin Islands (UK)	...	-	-	...	...	-	-	...
Virgin Islands (US)	-	-	...	...	-	-	...	...
Northern America	150	572	2 032	2 318	0.1	0.3	0.9	1.1
Middle America	94 839	152 135	168 172	105 953	120.2	186.6	200.6	121.8
South America	152 861	182 144	192 085	163 368	92.9	107.7	110.6	91.5

(a) Including cases acquired outside the country: Jamaica, 2 in 1966, 2 in 1967, 1 in 1968; Venezuela, 545 in 1965, 846 in 1966, 725 in 1967, 658 in 1968; Bermuda, 1 in 1967; United States, 145 in 1965, 560 in 1966, 2 015 in 1967 and 2 305 in 1968.

In Central America, with the exception of British Honduras and Costa Rica, the resistance of the vector to DDT has been the greatest obstacle to the progress of the campaign. In these countries incidence has remained about the same with occasional increases.

Often the best indicator of progress of a specific program in the field of health

is the mortality rate. Comparing the information that exists for 13 countries of the hemisphere at the beginning of the 1950's (1950-1952), there was an average of 43,368 deaths annually from malaria, at the beginning of the 1960's (1960-1962) the annual average declined to 10,833 and by 1968 the number of deaths for these same countries was 1,882.

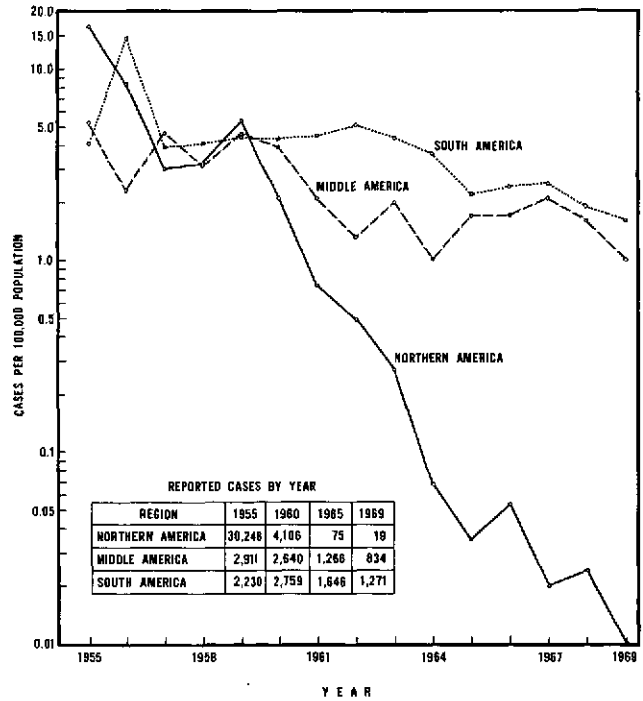
POLIOMYELITIS

The rapid reduction in the number of cases of poliomyelitis in countries with active immunization programs has demonstrated the potential value of immunization in preventing this disease. Decline in the incidence of poliomyelitis in Northern America began in the last decade and continues. In Middle America, the downward trend initiated at the beginning of the decade changed direction between 1965 and 1967 (Figure 12). Although the decline was resumed in 1968, the number of cases per 100,000 population remained above the level reached in 1964. In South America, incidence of the disease remained fairly constant from the end of the 1950's through the early 1960's. A decline initiated in 1963 has proceeded to the present with only a slight interruption associated with a small increase in cases in the years 1966 and 1967.

Figure 13 shows the trend of the disease for a few selected countries in the Region during the last decade. As can be observed, Canada, Cuba, and the United States have practically eliminated the disease. Cuba has not reported poliomyelitis cases since 1965, and the marked decline between 1961 and 1963 offers the best indication of what can be accomplished with an effective mass vaccination program and constant epidemiological surveillance. Canada also reported no cases in 1968, and the decline obtained in just a few years is similar to the Cuban one, even though the reported rates in Canada around 1952-1953 were much higher.

Figure 12

REPORTED CASES OF POLIOMYELITIS PER 100,000 POPULATION IN THREE REGIONS OF THE AMERICAS, 1955-1969



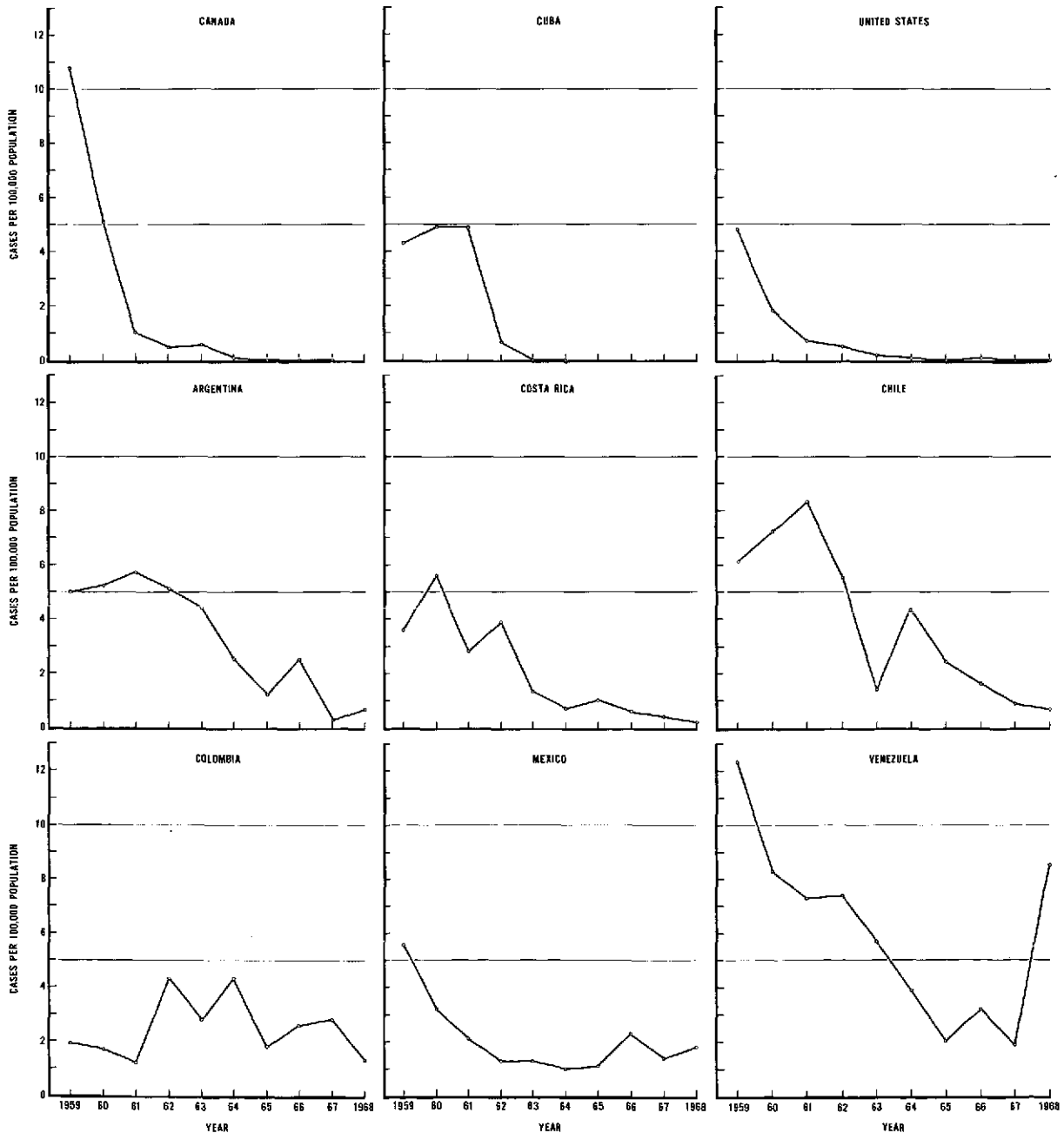
While the United States reported 53 cases for the year 1968 (the rate was less than 3 per 10 million inhabitants) the reduction from past levels has been enormous. Ten years ago the rate was 4.8 per 100,000 which represented 8,428 cases, and the median for the period 1954-1958 was more than 15,000 cases per year.

Argentina, Chile, and Costa Rica show definite declines in incidence. Epidemics have taken place during this process of decline, but rates have remained below those of previous outbreaks. On the other hand, Mexico and Venezuela, not shown in the graph, are making considerable efforts to

reduce incidence of the disease but still have not been able to obtain consistent declines over a prolonged period. Well defined trends are not discernible in Colombia, El Salvador, Guatemala, Paraguay and others.

Figure 13

REPORTED CASES OF POLIOMYELITIS PER 100,000 POPULATION
IN SELECTED COUNTRIES OF THE AMERICAS, 1959-1968



Several outbreaks of poliomyelitis, can be identified in the Region of the Americas during the 1960's. Among the more noteworthy was one that occurred in Chile in 1964, brusquely interrupting an accelerated decline in the rate. In 1959 and 1963, the Dominican Republic also suffered epidemics of considerable magnitude. This country, which generally has rates falling below 1 per 100,000 population, had rates above ten in those two years.

In Central America, there were large scale outbreaks in Honduras in 1965 and in Nicaragua in 1967. Rates climbed respectively to 23 and 26 per 100,000 population. There was also an epidemic toward the end

of the decade in Ecuador in 1967 and an outbreak of considerable size in 1968 in Venezuela.

Table 11 presents information on the number of people vaccinated against poliomyelitis in the period 1965-1968. In spite of the high numbers reported vaccinated by some countries, large numbers of cases and outbreaks continue. In great part this is due to insufficient coverage of the susceptible population by vaccination programs, the constant migration of children from areas with high prevalence of polioviruses, and the difficulty in systematically vaccinating all infants in order to maintain adequate immunization levels.

Table 11. Persons Immunized with Attenuated Live Poliovirus Vaccine by Country, 1965-1968

Country	Number of doses (a)	1965	1966	1967	1968
Argentina (b)	3	6 774 571	10 186 196	3 005 529	2 244 742
Barbados	3	2 118	1 521	2 484	18 068
Bolivia	2	10 505	71 797	...	608
Brazil	2	...	...	7 708 056	...
Chile	2	190 935	228 271	268 227	239 590
Colombia	2	29 364	94 421	(b) 228 878	...
Costa Rica	3	...	(b) 94 967	(b) 302 378	(b) 86 861
Cuba	2	230 716	234 985	222 872	204 936
Dominican Republic	2	72 101	28 659	24 436	(b) 2 328 349
Ecuador	3	...	15 484	(c) 620 091	493 634
El Salvador	2	174	(b) 325 000	82 853	69 241
Guatemala	2	175 384	67 163	65 359	28 879
Guyana	...	...	20 604	...	(c) 7 044
Honduras	2	106 540	50 213	79 832	64 505
Jamaica	3	13 135	21 347	7 351	...
Mexico	3	3 635 686	1 140 510	1 704 127	2 293 027
Nicaragua	3	19 680	...	...	65 283
Panama	2	5 761	8 958	60 970	14 010
Paraguay	2	266 789	16 931	11 976	763
Peru	3	17 981	(c) 1 969 500	(c) 755 800	...
United States (d)	3	10 240 902			
Uruguay (b)	2	34 043	81 915	335 854	188 417
Venezuela	3	(c) 476 311	486 801	137 914	190 730

(a) Data from country reports on the number of doses usually given in the primary course. (b) Number of doses administered. (c) Based on second doses only. (d) Based on the percentage of population 1-4 years of age found to have had three or more doses of live or three or more doses of inactivated poliovirus vaccine in a sample survey in 1968; in addition 10.4% of this population had 2 doses of live polio vaccine and none, one or two doses of inactivated polio vaccine; 64.3% of infants under one year old had one dose of live or inactivated poliovirus vaccine.

TABLE I. REPORTED CASES OF NOTIFIABLE DISEASES WITH RATES PER 100,000 POPULATION, BY COUNTRY, 1968

COUNTRY	AMEBIASIS (006)				ANCYLOSTOMIASIS (126)				ANTHRAX (022)			
	1963-67 MEDIAN	1967 NUMBER	1968 NUMBER	1968 RATE	1963-67 MEDIAN	1967 NUMBER	1968 NUMBER	1968 RATE	1963-67 MEDIAN	1967 NUMBER	1968 NUMBER	1968 RATE
ARGENTINA	2090	2778	1753	7.4	7238	6666	1629	6.9	168	168	42	0.2
BARBADOS	-	*	-	-	...	*	*	*	...	*	*	*
BOLIVIA (a)	...	...	107	5.4	...	...	476	24.2	...	*	2	0.1
BRAZIL	...	...	...	...	...	...	...	...	...	...	...	...
CANADA	47	47	24	0.1	...	*	*	*	-	-	-	-
CHILE	266	280	331	3.5	...	...	...	...	179	179	158	1.7
COLOMBIA	...	*	*	*	...	*	*	*	5	5	3	0.0
COSTA RICA	...	...	...	...	972	...	*	*	...	...	...	...
CUBA	1210	800	274	3.4	...	*	*	*	...	-	*	*
DOMINICAN REPUBLIC	1128	...	39	1.0	...	...	...	...	-	-	-	-
ECUADOR	...	*	*	*	...	*	*	*	...	-	*	*
EL SALVADOR (a)	4227	5068	7383	273.2	1362	858	3269	121.0	98	58	26	1.0
GUATEMALA	...	...	...	...	...	1434	...	...	...	13	...	...
GUYANA	...	...	...	...	...	*	*	*	-	-	-	-
HAITI	1856	2271	1087	23.3	12378	15693	563	12.1	40	19	66	1.4
HONDURAS (a)	17670	15733	2965	182.2	766	1147	857	52.7	-	-	3	0.2
JAMAICA	2	1	-	-	159	76	...	...	-	-	...	...
MEXICO	31155	12779	16149	34.2	...	5235	4006	8.5	34	25	24	0.0
NICARAGUA	14100	22051	1339	72.7	...	...	18161	985.9	...	...	...	...
PANAMA	731	749	263	19.2	3333	3333	1171	85.3	3	1	1	0.1
PARAGUAY (a)	...	...	-	-	14760	17555	15739	1358.0	4	8	2	0.2
PERU (b)	2235	1632	2808	22.0	2663	2266	1714	13.4	40	22	89	0.7
TRINIDAD AND TOBAGO	2	*	...	...	187	3	25	2.4	-	-	-	-
UNITED STATES	2921	3157	3005	1.5	...	*c) 3303	*c) 2294	...	5	2	3	0.0
URUGUAY	-	-	...	...	-	*	*	*	48	45	58	2.1
VENEZUELA (a)	24172	17883	17023	254.6	...	1289229	1272171	4071.4	4	8	-	-
ANTIGUA	...	...	...	...	...	...	...	...	-	...	...	...
BAHAMAS	198	577	624	352.5	9	-	2	1.1	-	-	-	-
BERMUDA	-	-	-	-	-	-	-	-	-	-	-	-
BRITISH HONDURAS	23	51	31	26.7	...	-	-	-	-	-	-	-
CANAL ZONE	6	1	-	-	-	-	-	-	-	-	-	-
CAYMAN ISLANDS	-	...	...	...	...	...	...	...	-	...	...	...
DOMINICA	192	70	53	73.6	...	-	-	-	...	-	-	-
FALKLAND ISLANDS	...	...	-	-	...	...	...	...	...	...	-	-
FRENCH GUIANA	-	-	...	...	-	...	...	...	-	...	...	...
GRENADA	...	...	...	...	...	...	...	...	...	...	...	...
GUADELOUPE	2	...	...	...	...	...	...	...	-	-	...	...
MARTINIQUE	-	-	-	-	...	*	*	*	...	*	*	*
MONTSERRAT	...	...	...	...	...	...	...	...	-	...	...	...
NETHERLANDS ANTILLES	...	2	...	...	...	*	*	*	...	-	-	-
PUERTO RICO	2	2	1	0.0	-	-	-	-	-	-	-	-
ST. KITTS-NEVIS-ANGUILLA	...	-	-	-	...	...	...	...	-	-	...	...
ST. LUCIA	...	-	-	-	-	-	*	*	-	-	*	*
ST. PIERRE AND MIQUELON	...	...	...	...	...	...	...	...	...	...	...	...
ST. VINCENT	...	...	...	...	...	...	...	...	...	...	...	...
SURINAM	...	13	12	3.2	...	*	...	...	-	...	...	...
TURKS AND CAICOS ISLANDS	-	-	...	...	-	-	...	...	-	...	...	...
VIRGIN ISLANDS (UK)	...	11	...	...	...	-	...	...	...	-	...	...
VIRGIN ISLANDS (US)	1	...	...	...	76	...	...	...	...	...	...	...

(a) Reporting area, 1967 and 1968.

(b) Reporting area, 1967.

(c) Data for states optionally reporting the disease.

(d) Including other and unspecified helminthiasis (123, 127, 128).

TABLE 1. REPORTED CASES OF NOTIFIABLE DISEASES WITH RATES PER 100,000 POPULATION, BY COUNTRY, 1968

COUNTRY	BRUCELLOSIS (023)				DIPHTHERIA (032)				DYSENTERY, BACILLARY (004)						
	1963-67 MEDIAN	1967 NUMBER	1968 NUMBER	1968 RATE	1963-67 MEDIAN	1967 NUMBER	1968 NUMBER	1968 RATE	1963-67 MEDIAN	1967 NUMBER	1968 NUMBER	1968 RATE			
ARGENTINA	1430	1601	1442	6.1	2293	1080	823	3.5	720	2077	12239	51.8			
BARBADOS	...	*	*	*	8	28	21	8.3	-	-	-	-			
BOLIVIA (a)	...	...	-	-	194	10	26	1.3	65	65	131	6.7	
BRAZIL	...	...	...	...	...	...	4439	5.0	...	...	...	...
CANADA	43	43	19	0.1	41	41	61	0.3	1491	1491	1560	7.5			
CHILE	6	5	3	0.0	1094	659	504	5.4	...	183	...	...	
COLOMBIA	66	84	42	0.2	696	807	641	3.2	...	*	*	*			
COSTA RICA	...	...	-	-	41	33	21	1.3	...	...	...	...
CUBA	19	5	33	0.4	625	435	130	1.6	15	107	86	1.1			
DOMINICAN REPUBLIC	-	...	-	-	358	595	472	11.7	958	...	36	0.9			
ECUADOR	...	*	*	*	210	210	159	2.8	...	*	*	*			
EL SALVADOR (a)	4	...	...	...	221	221	295	10.9	...	...	...	...
GUATEMALA	...	...	...	...	89	123	61	1.3	...	...	...	...
GUYANA	...	-	-	-	19	4	8	1.1	...	177	128	17.8			
HAITI	...	*	*	*	19	15	32	0.7	103	103	217	4.6			
HONDURAS (a)	-	-	3	0.1	7	10	6	0.4	...	1332	2389	146.8			
JAMAICA	-	-	+	-	34	36	+	44	2.3	49	36	+	61	3.2	
MEXICO	1335	1513	1098	2.3	488	542	238	0.5	4025	4025	3145	6.7			
NICARAGUA	...	-	-	-	3	-	14	0.8	...	...	2	0.1	
PANAMA	-	-	-	-	23	18	8	0.6	18	20	20	1.5			
PARAGUAY (a)	2	-	4	0.3	35	32	21	1.8	...	...	15	1.3	
PERU (b)	1102	2286	+	1742	13.6	47	54	+	76	0.6	5478	4617	+	6865	53.8
TRINIDAD AND TOBAGO	...	*	*	1	0.1	67	18	65	6.4	32	*	*	1	0.1	
UNITED STATES	265	265	218	0.1	219	219	260	0.1	12984	13474	12180	6.1			
URUGUAY	6	10	3	0.1	146	146	27	1.0	-	-	...	...	
VENEZUELA (a)	7	12	6	0.1	312	295	169	2.5	1050	923	568	8.5			
ANTIGUA	-	...	...	...	-	+	-	...	...	...	...	...
BAHAMAS	-	-	-	-	-	-	-	-	6	27	-	-			
BERMUDA	-	-	-	-	-	-	-	-	-	2	-	-			
BRITISH HONDURAS	-	-	-	-	1	1	3	2.6	-	-	-	-			
CANAL ZONE	-	-	-	-	-	-	-	-	5	2	2	3.6			
CAYMAN ISLANDS	-	...	...	...	-	...	...	...	-	...	...	...
DOMINICA	...	*	...	...	-	-	-	-	12	4	1	1.4	
FALKLAND ISLANDS	...	...	+	-	...	...	+	-	...	...	+	-
FRENCH GUIANA	-	-	+	-	-	-	+	-		
GRENADA	...	...	...	...	...	...	...	...	...	...	...	...
GUADELOUPE	-	-	9	4	+	14	4.4	-		
MARTINIQUE	-	-	-	-	5	5	29	8.9	-	-	-	-			
MONTSERRAT	-	...	...	...	-	...	...	...	...	...	...	...
NETHERLANDS ANTILLES	...	*	*	*	8	52	2	0.9	956	427	384	178.6			
PUERTO RICO	-	-	-	-	13	1	1	0.0	5	2	1	0.0			
ST. KITTS-NEVIS-ANGUILLA	-	-	+	-	-	-	+	-	...	-	+	-	-		
ST. LUCIA	-	-	-	-	2	2	2	1.9	...	-	4	3.7			
ST. PIERRE AND MIQUELON	...	...	...	...	-	...	...	...	...	...	...	...
ST. VINCENT	...	...	...	...	...	...	...	...	...	...	...	...
SURINAM	-	+	-	+	-	+	-	+	5	1.3	...	+	-	+	-
TURKS AND CAICOS ISLANDS	-	+	-	-	+	-	-	+	-
VIRGIN ISLANDS (UK)	...	-	...	...	...	-	...	...	...	-	...	...
VIRGIN ISLANDS (US)	...	...	...	...	-	...	...	...	6	...	...	...

(a) Reporting area, 1967 and 1968.

(b) Reporting area, 1967.

TABLE I. REPORTED CASES OF NOTIFIABLE DISEASES WITH RATES PER 100,000 POPULATION, BY COUNTRY, 1968

COUNTRY	ENCEPHALITIS, VIRAL (062-065, 068.2)				GONOCOCCAL INFECTIONS (098)				HEPATITIS, INFECTIOUS (070)			
	1963-67 MEDIAN	1967 NUMBER	1968 NUMBER	1968 RATE	1963-67 MEDIAN	1967 NUMBER	1968 NUMBER	1968 RATE	1963-67 MEDIAN	1967 NUMBER	1968 NUMBER	1968 RATE
ARGENTINA	620	478	553	2.3	9234	9234	7150	30.3	2931	7699	7058	29.9
BARBADOS	...	*	*	*	...	*	*	*	...	*	*	*
BOLIVIA (a)	1	1	3	0.2	141	141	236	12.0	46	76	131	6.7
BRAZIL	...	...	...	...	...	...	...	...	...	...	...	...
CANADA	14	14	13	0.1	20628	22345	22520	108.4	8218	8224 ^{c)}	11198 ^{c)}	53.9
CHILE	120	142	97	1.0	...	*	*	*	1135	1803	1506	16.1
COLOMBIA	230	525	261	1.3	41972	46694	43279	218.3	...	*	*	*
COSTA RICA	9	9	-	-	1828	2400	2501	153.1	684	...	913	55.9
CUBA	38	53	82	1.0	697	366	243	3.0	8834	11240	16843	208.6
DOMINICAN REPUBLIC	-	...	-	-	...	...	11973	297.2	186	1156	1012	25.1
ECUADOR	-	-	...	...	...	...	958	16.8	...	*	*	*
EL SALVADOR (a)	...	-	...	...	3352	3352	5591	206.9	1365	1727	2145	79.4
GUATEMALA	2	-	-	-	3508	3812	3764	77.4	...	*	1017	20.9
GUYANA	...	*	*	*	2114	*	*	*	35	14	6	0.8
HAITI	-	-	-	-	3740	...	3616	77.4	...	...	255	5.5
HONDURAS (a)	14	...	6	0.4	5008	5008	4787	294.2	268	165	340	20.9
JAMAICA	5	6	4	0.2	34228	39569	37070	1937.8	96	85	102	5.3
MEXICO	31	69	39	0.1	16512	12522	12248	25.9	2940	4066	3143	6.6
NICARAGUA	...	-	-	-	1505	970	1704	92.5	...	50	170	9.2
PANAMA	3	2	1	0.1	625	945	503	36.7	185	284	198	14.4
PARAGUAY (a)	39	30	74	6.4	396	491	580	50.0	182	201	164	14.2
PERU (b)	70	52	83	0.6	7535	5132	6549	51.3	3259	3311	3484	27.3
TRINIDAD AND TOBAGO	-	-	-	-	7318	4802	9148	896.0	4	*	2	0.2
UNITED STATES	1993	1478	1781	0.9	324925	404836	464543	230.9	37740	38909	45893	22.8
URUGUAY	37	39	31	1.1	96	96	142	5.0	1682	1996	2057	73.0
VENEZUELA (a)	309	60	1428	21.4	21471	27918	31178	466.4	...	614	746	11.2
ANTIGUA	-	-	...	...	105	...	...	...	1	...	...	...
BAHAMAS	2	2	-	-	99	99	62	35.0	14	15	4	2.3
BERMUDA	-	-	-	-	148	228	236	472.0	2	2	168	336.0
BRITISH HONDURAS	1	-	-	-	...	29	...	...	3	5	22	19.0
CANAL ZONE	-	-	-	-	80	76	81	144.6	13	14	20	35.7
CAYMAN ISLANDS	-	...	...	...	...	...	...	...	-	...	...	...
DOMINICA	-	-	-	-	225	122	97	134.7	2	-	1	1.4
FALKLAND ISLANDS	...	...	-	-	...	...	-	-	...	...	-	-
FRENCH GUIANA	-	-	...	...	114	137	196	490.0	-	...	...	...
GRENADA	...	...	...	...	...	...	...	...	...	...	...	...
GUADELOUPE	-	-	...	...	3	5	-	-	-	-	...	...
MARTINIQUE	...	*	*	*	...	*	*	*	...	*	*	*
MONTSERRAT	-	...	...	...	17	...	...	...	2	...	...	...
NETHERLANDS ANTILLES	...	*	-	-	...	*	...	...	-	-	...	...
PUERTO RICO	3	3	4	0.1	2840	2558	2559	94.0	1130	1130 ^{c)}	1238	45.5
ST. KITTS-NEVIS-ANGUILLA	-	-	-	-	78	25	23	41.1	23	7	6	10.7
ST. LUCIA	...	*	2	1.9	716	467	209	193.5	-	-	-	-
ST. PIERRE AND MIQUELON	-	...	...	...	10	...	...	...	...	...	...	...
ST. VINCENT	...	...	...	...	...	...	...	...	...	...	...	...
SURINAM	...	...	...	...	2017	*	*	*	...	...	...	...
TURKS AND CAICOS ISLANDS	-	-	...	...	46	23	...	...	2	5	...	...
VIRGIN ISLANDS (UK)	...	-	...	...	...	*	...	...	...	-	...	...
VIRGIN ISLANDS (US)	-	...	...	...	193	368	...	...	...	...	...	...

(a) Reporting area, 1967 and 1968.

(b) Reporting area, 1967.

(c) Including serum hepatitis (N999.2).

TABLE I. REPORTED CASES OF NOTIFIABLE DISEASES WITH RATES PER 100,000 POPULATION, BY COUNTRY, 1968

COUNTRY	INFLUENZA (470-474)				LEPROSY (030)				MALARIA (a) (084)			
	1963-67 MEDIAN	1967 NUMBER	1968 NUMBER RATE		1963-67 MEDIAN	1967 NUMBER	1968 NUMBER RATE		1963-67 MEDIAN	1967 NUMBER	1968 NUMBER RATE	
ARGENTINA	74665	105303	178141	754.3	986	986	554	2.3	550	1624	105	0.4
BARBADOS	-	-	-	-	1	-	-	-	...	*	-	-
BOLIVIA (b)	1219	1219	2126	108.0	12	...	49	2.5	941	1358	1998	42.7
BRAZIL	...	...	...	...	5608	5439	5568	6.3	110306	102842	79357	90.0
CANADA	...	*	*	*	2	3	3	0.0	3	9	1	0.0
CHILE	8108	7042	15232	162.9	-	-	-	-	-	+e) 1	-	-
COLOMBIA	82155	93399	90962	458.8	288	237	246	1.2	18888	14386	14328	72.3
COSTA RICA	11625	13487	10709	655.4	37	39	32	2.0	2563	4418	1133	69.3
CUBA	10216	...	...	...	283	283	329	4.1	127	46	e) 4	0.0
DOMINICAN REPUBLIC	59793	59793	65897	1635.6	43	166	148	3.7	3063	127	21	0.5
ECUADOR	...	...	...	...	256	155	200	3.5	4694	* 11453	37475	658.0
EL SALVADOR (b)	31380	28675	53587	1983.2	7	2	...	...	34217	82961	35831	1097.1
GUATEMALA	17005	21088	27425	563.8	111	146	107	2.2	20401	21175	10969	225.5
GUYANA	3383	3383	4004	556.9	24	*	119	16.6	225	193	61	8.5
HAITI	16749	15379	17173	367.7	6	7	2	0.0	12740	10471	7030	150.5
HONDURAS (b)	16482	5479	5503	338.2	26	26	21	1.3	7077	16152	15666	649.2
JAMAICA	1426	1168	+ 1691	88.4	21	19	+ 29	1.5	2	e) 2	+ 2	0.1
MEXICO	68735	29722	36579	77.4	294	864	765	1.6	11605	15163	26318	55.7
NICARAGUA	5608	7735	5293	287.4	14	...	+ 2	0.1	13016	13209	7151	388.2
PANAMA	4839	4839	3895	283.9	1	1	1	0.1	2426	4014	1752	127.7
PARAGUAY (b)	15951	13973	16217	1399.2	297	245	217	18.7	8846	50304	20743	929.8
PERU (c)	37270	37270	+ 53175	416.3	50	47	+ 112	0.9	1934	2771	+ 2010	15.7
TRINIDAD AND TOBAGO	4303	* 2366	7022	687.8	25	-	2	0.2	-	-	f) 5	0.5
UNITED STATES	...	*	*	*	97	81	123	0.1	147	f) 2022	f) 2317	1.2
URUGUAY	3729	4267	3964	140.7	19	15	12	0.4	1	-	-	-
VENEZUELA (b)	36198	g) 20115	g) 13364	199.9	362	381	334	5.0	5215	f) 5257	f) 5735	59.2
ANTIGUA	137	+ 8	...	...	1	...	...	...	-	+ -	...	...
BAHAMAS	5	1	2	1.1	2	1	2	1.1	1	-	-	-
BERMUDA	2	-	60	120.0	-	-	-	-	-	e) 1	-	-
BRITISH HONDURAS	424	424	-	-	-	-	-	-	207	375	39	33.6
CANAL ZONE	-	-	-	-	-	-	-	-	9	44	22	39.3
CAYMAN ISLANDS	...	...	...	...	-	...	...	...	-	...	...	...
DOMINICA	527	272	1113	1545.8	-	-	1	1.4	-	-	-	-
FALKLAND ISLANDS	...	...	+ -	-	...	...	+ -	-	...	...	+ -	-
FRENCH GUIANA	-	+ -	+ -	-	48	+ 44	+ 41	102.5	22	+ -	...	...
GRENADA	...	...	...	...	...	...	...	...	...	...	...	...
GUADELOUPE	-	-	+ -	-	104	106	+ 135	42.5	-	-	...	...
MARTINIQUE	...	*	*	*	46	49	27	8.3	-	-	-	-
MONTSERAT	36	...	...	...	1	...	...	...	-	...	...	...
NETHERLANDS ANTILLES	...	*	*	*	6	4	-	-	...	*	*	*
PUERTO RICO	10714	1573	186288	6841.3	1	-	19	0.7	2	e) 15	e) 10	0.4
ST. KITTS-NEVIS-ANGUILLA	323	42	+ 91	162.5	1	1	...	...	-	-	+ -	-
ST. LUCIA	-	-	2619	2425.0	3	11	5	4.6	-	-	-	-
ST. PIERRE AND MIQUELON	-	...	...	...	...	...	...	...	-	...	...	...
ST. VINCENT	...	...	...	...	...	...	...	...	...	...	...	...
SURINAM	...	*	*	*	218	+ 222	+ 237	63.2	1896	+ 1896	+ 1556	414.9
TURKS AND CAICOS ISLANDS	19	+ 173	...	...	2	+ 5	...	...	-	+ -	...	...
VIRGIN ISLANDS (UK)	...	*	...	...	...	-	...	...	...	-	...	...
VIRGIN ISLANDS (US)	...	...	...	...	1	...	...	...	-	...	...	...

(a) Cases reported correspond to those confirmed in eradication programs.

(b) Reporting area, 1967 and 1968, except for malaria.

(c) Reporting area, 1967, except for malaria.

(d) Positive slides.

(e) Imported cases.

(f) Including imported cases, or cases acquired outside the country: Jamaica, 2 in 1967, 1 in 1968; Trinidad and Tobago, 4 in 1968; United States, 2,015 in 1967, 2,305 in 1968; Venezuela, 725 in 1967, 658 in 1968.

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

TABLE I. REPORTED CASES OF NOTIFIABLE DISEASES WITH RATES PER 100,000 POPULATION, BY COUNTRY, 1968

COUNTRY	MEASLES (055)				MENINGOCOCCAL INFECTION (036)				PARATYPHOID FEVER (a) (002)					
	1963-67 MEDIAN	1967 NUMBER	1968 NUMBER	1968 RATE	1963-67 MEDIAN	1967 NUMBER	1968 NUMBER	1968 RATE	1963-67 MEDIAN	1967 NUMBER	1968 NUMBER	1968 RATE		
ARGENTINA	26715	26715	89667	379.7	893	897	789	3.3	...	...	...	...
BARBADOS	...	*	*	*	1	1	-	-	-	-	-	-		
BOLIVIA (b)	415	296	1337	67.9	6	3	-	-	-	-	39	2.0		
BRAZIL	...	...	36220	41.1	...	...	...	...	...	...	...	...
CANADA	...	*	*	*	105	105	96	0.5	...	...	...	...
CHILE	23604	15702	7146	76.4	92	97	134	1.4	...	...	...	...
COLOMBIA	36756	42276	21890	110.4	341	313	327	1.6	...	...	...	...
COSTA RICA	3088	3803	113	6.9	10	10	5	0.3	4	8	6	0.4		
CUBA	9281	13360	11749	145.5	17	15	15	0.2	33	26	25	0.3		
DOMINICAN REPUBLIC	2481	8107	4284	106.3	-	...	...	...	312	...	...	...
ECUADOR	...	*	*	*	...	...	...	...	...	309	...	...
EL SALVADOR (b)	9124	9901	6985	258.5	-	-	-	-	35	20	38	1.4		
GUATEMALA	3275	5551	4011	82.5	-	-	1	0.0	35	35	17	0.3		
GUYANA	550	550	40	5.6	...	-	*	*	...	...	...	...
HAITI	736	1684	201	4.3	98	162	114	2.4	-	...	...	...
HONDURAS (b)	4450	4450	3598	221.1	27	-	42	2.6	...	49	94	5.8		
JAMAICA	778	726	1652	86.4	9	6	11	0.6	-	-	-	-		
MEXICO	53118	41691	54451	115.2	31	-	9	0.0	2478	2128	1324	2.8		
NICARAGUA	422	...	483	26.2	-	-	*	*	139	27	64	3.5		
PANAMA	1445	1445	1387	101.1	5	5	2	0.1	2	3	-	-		
PARAGUAY (b)	740	1368	4131	356.4	8	16	4	0.3	...	...	...	...
PERU (c)	17730	1768	691	5.4	71	53	56	0.4	...	...	...	...
TRINIDAD AND TOBAGO	285	* 752	* 372	36.4	3	* 2	1	0.1	-	-	-	-		
UNITED STATES	261904	62705	22231	11.1	2826	2161	2623	1.3	17144	d) 18120	d) 16514	8.2		
URUGUAY	1624	5152	3484	123.6	2	3	3	0.1	6	3	4	0.1		
VENEZUELA (b)	36798	46425	32832	491.1	8	18	18	0.3	...	...	...	...
ANTIGUA	2	+	4	...	...	-	-	...	...	...	...	...
BAHAMAS	4	185	103	58.2	2	...	2	1.1	1	-	-	-		
BERMUDA	35	6	2	4.0	-	-	1	2.0	1	2	-	-		
BRITISH HONDURAS	197	493	13	11.2	-	4	-	-	-	-	1	0.9		
CANAL ZONE	42	10	24	42.9	-	1	-	-	-	-	-	-		
CAYMAN ISLANDS	...	...	...	...	-	...	...	...	-	...	...	...
DOMINICA	16	3	2	2.8	3	2	10	13.9	...	...	-	-
FALKLAND ISLANDS	...	...	+	-	...	...	+	-	...	...	+	-
FRENCH GUIANA	-	+	4	...	...	+	-	-	-	+	...	...
GRENADA	...	...	...	...	...	...	...	...	...	...	...	...
GUADELOUPE	6	11	+	-	-	-	+	1	0.3	-	-	-		
MARTINIQUE	10	10	-	-	-	-	-	-	...	...	...	...
MONTSERRAT	2	...	...	...	-	...	...	...	-	...	...	...
NETHERLANDS ANTILLES	...	*	*	*	...	*	*	*	578	d) 564	d) 166	77.2		
PUERTO RICO	2977	2325	700	25.7	15	15	20	0.7	-	-	-	-		
ST. KITTS-NEVIS-ANGUILLA	383	3	+	56	100.0	1	1	+	-	-	-	-		
ST. LUCIA	8	-	-	-	-	-	6	5.6	...	...	-	-
ST. PIERRE AND MIQUELON	...	...	...	...	-	...	...	...	-	...	...	...
ST. VINCENT	...	...	...	...	...	...	...	...	...	...	...	...
SURINAM	...	*	*	*	+	-	+	3	0.8
TURKS AND CAICOS ISLANDS	-	+	-	+	-	+	-	
VIRGIN ISLANDS (UK)	...	*	...	...	...	-	...	...	...	-	...	...
VIRGIN ISLANDS (US)	...	...	...	...	-	...	...	...	-	...	...	...

(a) Data for paratyphoid fever in several countries are included in those for typhoid fever (001).
 (b) Reporting area, 1967 and 1968.

(c) Reporting area, 1967.
 (d) Including other salmonella infections (003).

TABLE I. REPORTED CASES OF NOTIFIABLE DISEASES WITH RATES PER 100,000 POPULATION, BY COUNTRY, 1968

COUNTRY	PLAGUE (020)				POLIOMYELITIS, ACUTE (a) (040-043)				RABIES (071)						
	1963-67 MEDIAN	1967 NUMBER	NUMBER 1968	RATE 1968	1963-67 MEDIAN	1967 NUMBER	NUMBER 1968	RATE 1968	1963-67 MEDIAN	1967 NUMBER	NUMBER 1968	RATE 1968			
ARGENTINA	-	-	-	-	557	80	168	0.7	16	12	31	0.1			
BARBADOS	-	-	-	-	-	1	-	-	...	*	*	*			
BOLIVIA (b)	49	3	35	0.7	10	4	5	0.3	-	-	5	0.3			
BRAZIL	119	157	285	0.3	...	...	1585	1.8	...	...	130	0.1
CANADA	-	-	-	-	3	2	-	-	-	1	-	-			
CHILE	-	-	-	-	141	79	63	0.7	1	-	-	-			
COLOMBIA	-	-	-	-	489	529	261	1.3	137	161	95	0.5			
COSTA RICA	-	-	-	-	10	7	3	0.2	-	2	8	0.5			
CUBA	-	-	-	-	-	-	-	-	1	1	1	0.0			
DOMINICAN REPUBLIC	-	-	-	-	46	51	30	0.7	3	3	2	0.0			
ECUADOR	194	19	24	0.4	169	796	52	0.9	16	33	20	0.4			
EL SALVADOR (b)	-	-	-	-	74	74	63	2.3	5	c)	4	3	0.1		
GUATEMALA	-	-	-	-	176	240	146	3.0	4	3	2	0.0			
GUYANA	-	-	-	-	-	1	7	1.0	...	...	*	*	
HAITI	-	-	-	-	5	3	2	0.0	-	...	-	-			
HONDURAS (b)	-	-	-	-	38	79	62	3.8	2	1	3	0.2			
JAMAICA	-	-	-	-	15	7	+	-	-	-	+	-			
MEXICO	-	-	-	-	486	636	850	1.8	55	82	59	0.1			
NICARAGUA	-	-	-	-	105	461	7	0.4	1	-	3	0.2			
PANAMA	-	-	-	-	13	55	6	0.4	-	-	-	-			
PARAGUAY (b)	-	-	-	-	40	63	70	6.0	1	7	1	0.1			
PERU	125	41	45	0.4	444	d)	161	+	270	2.1	11	9	+	7	0.1
TRINIDAD AND TOBAGO	-	-	-	-	3	3	1	0.1	...	*	-	-	-		
UNITED STATES	3	3	3	0.0	113	41	53	0.0	1	e)	2	1	0.0		
URUGUAY	-	-	-	-	21	22	6	0.2	1	-	-	-	-		
VENEZUELA	-	-	-	-	199	d)	121	d)	568	8.5	17	15	17	0.2	
ANTIGUA	-	-	-	-	-	+	-	-		
BAHAMAS	-	-	-	-	1	1	-	-	-	-	-	-	-		
BERMUDA	-	-	-	-	-	-	-	-	-	-	-	-	-		
BRITISH HONDURAS	-	-	-	-	-	-	-	-	-	-	-	-	-		
CANAL ZONE	-	-	-	-	-	-	-	-	-	-	-	-	-		
CAYMAN ISLANDS	-	-	-	-	-	...	...	...	-	...	...	...
DOMINICA	-	-	-	-	-	-	-	-	-	-	-	-	-		
FALKLAND ISLANDS	-	-	-	-	+	-	-	+	-	-	
FRENCH GUIANA	-	-	-	-	-	+	-	+	-	-	+	-	+	-	-
GRENADA	-	-	-	-		
GUADELOUPE	-	-	-	-	-	3	+	2	0.6	-	-	+	-	-	-
MARTINIQUE	-	-	-	-	1	5	1	0.3	-	-	-	-	-	-	-
MONTSERRAT	-	-	-	-	-	-		
NETHERLANDS ANTILLES	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PUERTO RICO	-	-	-	-	-	-	-	-	-	-	-	22	0.8		
ST. KITTS-NEVIS-ANGUILLA	-	-	-	-	-	1	+	-	-	-	-	+	-	-	-
ST. LUCIA	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-
ST. PIERRE AND MIQUELON	-	-	-	-	-	-		
ST. VINCENT	-	-	-	-		
SURINAM	-	-	-	-	-	+	17	+	-	-	-	+	-	-	-
TURKS AND CAICOS ISLANDS	-	-	-	-	-	+	-	-	+	-	
VIRGIN ISLANDS (UK)	-	-	-	-	...	-	-	-	-		
VIRGIN ISLANDS (US)	-	-	-	-	-	-		

(a) Data refer to paralytic poliomyelitis (040-041) in Canada, El Salvador, and Paraguay in 1967 and 1968; Honduras and Guadeloupe in 1967 and Colombia in 1968.

(b) Reporting area, 1967 and 1968, except for plague.

(c) Laboratory confirmed cases.

(d) Reporting area.

(e) Imported cases.

TABLE I. REPORTED CASES OF NOTIFIABLE DISEASES WITH RATES PER 100,000 POPULATION, BY COUNTRY, 1968

COUNTRY	RELAPSING FEVER (a) (088)				SMALLPOX (050)				STREPTOCOCCAL SORE THROAT AND SCARLET FEVER (034)				
	1963-67 MEDIAN	1967 NUMBER	1968 NUMBER	1968 RATE	1963-67 MEDIAN	1967 NUMBER	1968 NUMBER	1968 RATE	1963-67 MEDIAN	1967 NUMBER	1968 NUMBER	1968 RATE	
ARGENTINA	-	-	-	-	15	b)	23	-	-	766	1614	1948	8.2
BARBADOS	...	*	*	*	-	-	-	-	-	...	*	*	*
BOLIVIA (c)	...	...	-	-	-	-	-	-	-	18	11	87	4.4
BRAZIL	...	...	...	...	3518	4514	4372	5.0	...	...	...	...
CANADA	...	-	-	-	-	-	-	-	-	13596	20121	13405	64.5
CHILE	-	...	...	...	-	-	-	-	-	2345	2345	2245	24.0
COLOMBIA	78	78	-	-	8	-	-	-	-	17212	18180	16707	84.3
COSTA RICA	-	...	...	...	-	-	-	-	-	20	...	10	0.6
CUBA	-	-	-	-	-	-	-	-	-	41	51	...	...
DOMINICAN REPUBLIC	-	...	...	...	-	-	-	-	-	2185	2479	2560	63.5
ECUADOR	...	...	...	...	-	-	-	-	-	...	...	...	...
EL SALVADOR (c)	-	-	-	-	-	-	-	-	-	778	2149	3226	119.4
GUATEMALA	-	...	...	...	-	-	-	-	-	39	166	...	...
GUYANA	...	-	-	-	-	-	-	-	-	...	...	-	-
HAITI	-	-	-	-	-	-	-	-	-	-	...	...	...
HONDURAS (c)	-	-	-	-	-	-	-	-	-	...	12	3048	187.3
JAMAICA	-	-	+	-	-	-	-	-	-	12	8	8	0.4
MEXICO	-	-	-	-	-	-	-	-	-	679	1800	4285	9.1
NICARAGUA	...	-	-	-	-	-	-	-	-	...	-	-	-
PANAMA	-	-	-	-	-	-	-	-	-	3	-	11	0.8
PARAGUAY (c)	-	-	-	-	5	-	-	-	-	1	-	2	0.2
PERU (d)	-	-	+	-	18	-	-	-	-	178	*	134	1.0
TRINIDAD AND TOBAGO	-	-	-	-	-	-	-	-	-	329	*	13	0.9
UNITED STATES	...	e)	5	*e)	7	...	-	-	-	402334	453351	435013	216.3
URUGUAY	-	-	-	-	1	-	b)	2	0.1	194	220	119	4.2
VENEZUELA (c)	-	-	-	-	-	-	-	-	-	64618	44044	42359	633.6
ANTIGUA	-	...	...	...	-	-	-	-	-	-	...	...	...
BAHAMAS	-	-	-	-	-	-	-	-	-	45	202	47	26.6
BERMUDA	-	-	-	-	-	-	-	-	-	4	6	1	2.0
BRITISH HONDURAS	-	-	-	-	-	-	-	-	-	-	-	-	-
CANAL ZONE	-	-	-	-	-	-	-	-	-	20	20	17	30.4
CAYMAN ISLANDS	-	...	...	...	-	-	-	-	-	-	...	...	...
DOMINICA	-	-	-	-	-	-	-	-	-	-	-	-	-
FALKLAND ISLANDS	...	...	+	-	-	-	-	-	-	-	...	+	-
FRENCH GUIANA	-	...	...	...	-	-	f)	1	2.5	-	...	...	...
GRENADA	...	...	...	...	-	-	-	-	-	...	...	...	...
GUADELOUPE	-	-	-	-	-	-	-	-	-	-	...	...	...
MARTINIQUE	-	-	-	-	-	-	-	-	-	-	...	...	...
MONTSERRAT	-	...	...	...	-	-	-	-	-	-	...	...	...
NETHERLANDS ANTILLES	-	-	-	-	-	-	-	-	-	2	6	-	-
PUERTO RICO	-	-	-	-	-	-	-	-	-	489	335	355	13.0
ST. KITTS-NEVIS-ANGUILLA	-	-	+	-	-	-	-	-	-	104	-	+	-
ST. LUCIA	-	-	-	-	-	-	-	-	-	-	-	-	-
ST. PIERRE AND MIQUELON	...	...	...	...	-	-	-	-	-	-	...	...	...
ST. VINCENT	...	...	...	...	-	-	-	-	-	...	...	...	...
SURINAM	-	...	...	...	-	-	-	-	-	...	...	...	...
TURKS AND CAICOS ISLANDS	-	...	...	...	-	-	-	-	-	...	...	...	...
VIRGIN ISLANDS (UK)	...	-	...	...	-	-	-	-	-	-	-	...	...
VIRGIN ISLANDS (US)	...	...	...	...	-	-	-	-	-	-	...	...	...

(a) Cases reported in 1967 and 1968 were of tick-borne relapsing fever (088, 1).
 (b) Including 1 imported case.
 (c) Reporting area, 1967 and 1968, except for smallpox.

(d) Reporting area, 1967, except for smallpox.
 (e) Data for states optionally reporting the disease.
 (f) Imported case.

TABLE I. REPORTED CASES OF NOTIFIABLE DISEASES WITH RATES PER 100,000 POPULATION, BY COUNTRY, 1968

COUNTRY	SYPHILIS (090-097)				TETANUS (037)				TRACHOMA, ACTIVE (076)			
	1963-67 MEDIAN	1967 NUMBER	1968 NUMBER	1968 RATE	1963-67 MEDIAN	1967 NUMBER	1968 NUMBER	1968 RATE	1963-67 MEDIAN	1967 NUMBER	1968 NUMBER	1968 RATE
ARGENTINA	6149	7456	5719	24.2	578	706	405	1.7	403	403	371	1.6
BARBADOS	...	*	*	*	...	*	*	*	...	*	*	*
BOLIVIA (a)	103	103	213	10.8	17	...	12	0.6	...	*	-	-
BRAZIL	...	...	...	...	...	...	3097	3.5	...	...	...	...
CANADA	2388	2342	2233	10.8	11	12	9	0.0	...	*	*	*
CHILE	3603	3990	4300	46.0	59	35	34	0.4	-	-	-	-
COLOMBIA	16530	b) 17939	...	...	754	677	527	2.7	...	*	*	*
COSTA RICA	963	963	677	41.4	50	53	27	1.7	-	-	...	...
CUBA	1863	1055	543	6.7	434	432	318	3.9	...	*	*	*
DOMINICAN REPUBLIC	10066	...	8101	201.1	472	327	254	6.3	402	-	31	0.8
ECUADOR	...	...	1014	17.8	...	*	*	*	...	...	...	...
EL SALVADOR (a)	8349	7118	9152	338.7	420	d) 305	206	7.6	-	...	...	...
GUATEMALA	1307	1307	1429	29.4	93	64	148	3.0	...	14	...	...
GUYANA	800	*	*	*	6	*	...	...	...	*	-	-
HAITI	2907	2626	2228	47.7	768	904	1137	24.3	...	...	5	0.1
HONDURAS (a)	1981	2844	2024	124.4	52	22	17	1.0	...	*	*	*
JAMAICA	2025	1505 +	957	50.0	104	87 +	97	5.1	-	-	...	...
MEXICO	16323	13557	14322	30.3	912	1081	812	1.7	1	-	2	0.0
NICARAGUA	1745	879	1151	62.5	50	...	16	0.9	...	...	...	...
PANAMA	254	361	179	13.0	132	485	73	5.3	-	-	1	0.1
PARAGUAY (a)	1951	2060	2016	173.9	146	163	239	20.6	4	4	...	...
PERU (c)	3320	2847 +	2205	17.3	249	249 +	262	2.1	24	4 +	49	0.4
TRINIDAD AND TOBAGO	371	* 329	* 704	69.0	...	* *	77	7.5	...	...	-	-
UNITED STATES	112842	102581	96271	47.9	289	263	178	0.1	... * e)	561 * e)	455	...
URUGUAY	333	336	316	11.2	60	62	51	1.8	-	-	-	-
VENEZUELA (a)	9533	10855	10047	150.3	656	1008	1030	15.4	2	-	-	-
ANTIGUA	104	...	...	...	6	...	...	...	-	...	...	...
BAHAMAS	92	149	120	67.8	12	...	3	1.7	-	-	-	-
BERMUDA	43	43	29	58.0	1	1	1	2.0	-	-	-	-
BRITISH HONDURAS	...	...	...	...	6	3	3	2.6	-	-	-	-
CANAL ZONE	33	16	24	42.9	-	-	-	-	-	-	-	-
CAYMAN ISLANDS	...	...	...	...	-	...	...	...	-	...	...	...
DOMINICA	69	20	25	34.7	10	1	5	6.9	...	-	-	-
FALKLAND ISLANDS	...	...	+	-	...	...	+	-	...	...	+	-
FRENCH GUIANA	48 +	30 +	78	195.0	1 +	1 +	2	5.0	-	...	...	...
GRENADA	...	...	...	...	...	...	...	...	...	...	...	...
GUADELOUPE	380	297 +	100	31.4	2	1 +	13	4.1	-	-	...	...
MARTINIQUE	468	996	1014	311.0	12	15	7	2.1	-	-	-	-
MONTSERRAT	11	...	...	...	1	...	...	...	...	...	...	...
NETHERLANDS ANTILLES	...	*	...	...	...	-	-	-	...	*	*	*
PUERTO RICO	1861	2282	2059	75.6	70	40	43	1.6	-	-	-	-
ST. KITTS-NEVIS-ANGUILLA	11	7 +	6	10.7	-	8 +	1	1.8	-	-	...	...
ST. LUCIA	149	86	130	120.4	-	...	*	*	-	-	*	*
ST. PIERRE AND MIQUELON	-	...	...	...	...	...	...	...	...	...	...	...
ST. VINCENT	...	...	...	...	...	...	...	...	...	...	...	...
SURINAM	287	*	*	*	...	*	...	...	...	*	...	...
TURKS AND CAICOS ISLANDS	4 +	5	...	...	- +	1	...	...	-	...	...	...
VIRGIN ISLANDS (UK)	...	-	...	...	...	-	...	...	...	-	...	...
VIRGIN ISLANDS (US)	447	447	...	...	...	...	...	...	...	...	...	...

(a) Reporting area, 1967 and 1968.

(b) Congenital and early syphilis (090-092).

(c) Reporting area, 1967.

(d) Hospital data.

(e) Data for states optionally reporting the disease.

TABLE 1. REPORTED CASES OF NOTIFIABLE DISEASES WITH RATES PER 100,000 POPULATION, BY COUNTRY, 1968

COUNTRY	TUBERCULOSIS (010-019)				TYPHOID FEVER (a)				TYPHUS, EPIDEMIC LOUSE-BORNE (080)			
	1963-67 MEDIAN	1967 NUMBER	1968 NUMBER	1968 RATE	1963-67 MEDIAN	1967 NUMBER	1968 NUMBER	1968 RATE	1963-67 MEDIAN	1967 NUMBER	1968 NUMBER	1968 RATE
ARGENTINA	21367	21367	18461	78.2	1416	1245	1061	4.5	-	-	-	-
BARBADOS	42	24	30	11.9	12	18	17	6.7	-	-	-	-
BOLIVIA (b)	1471	1099	2460	124.9	131	92	87	4.4	136	136	22	0.5
BRAZIL	...	... + 39813	45.1	...	... + 2416	2.7	-	-	-	-	-	-
CANADA	4601	c) 4601	c) 4824	23.2	147	124	93	0.4	-	-	-	-
CHILE	...	*	*	*	4576	4536	7091	75.8	6	-	-	-
COLOMBIA	13455	d) 18319	d) 16206	81.7	10179	8740	7024	35.4	-	-	-	-
COSTA RICA	567	582	d) 446	27.3	85	86	71	4.3	-	-	-	-
CUBA	2950	2950	3310	41.0	236	191	968	12.0	-	-	-	-
DOMINICAN REPUBLIC	993	d) 435	664	16.5	525	1223	534	13.3	-	-	-	-
ECUADOR	5322	d) 4715	d) 4560	80.1	2171	1529	2489	43.7	167	167	82	1.4
EL SALVADOR (b)	4897	4897	d) 4424	163.7	1116	58	93	3.4	-	-	-	-
GUATEMALA	5360	5360	6411	131.8	1082	1029	1042	21.4	-	-	-	-
GUYANA	225	225	236	32.8	280	351	543	75.5	-	-	-	-
HAITI	3514	3224	2251	48.2	443	792	1548	33.1	-	-	-	-
HONDURAS (b)	2321	2322	2311	142.0	847	847	828	50.9	-	-	-	-
JAMAICA	310	307 +	369	19.3	142	80 +	98	5.1	-	-	-	-
MEXICO	15834	14683	14150	29.9	5980	6027	2986	6.3	75	77	23	0.0
NICARAGUA	1961	1961	1531	83.1	93	36	75	4.1	-	-	-	-
PANAMA	1353	1353	1025	74.7	15	15	2	0.1	-	-	-	-
PARAGUAY (b)	1358	1415	1337	115.4	89	98	120	10.4	-	-	-	-
PERU (e)	22433	17774 +	19813	155.1	5924	6117 +	7009	54.9	44	187	80	0.6
TRINIDAD AND TOBAGO	312	21	199	19.5	29	23	69	6.8	-	-	-	-
UNITED STATES	49011	c) 45647	c) 42623	21.2	454	396	395	0.2	-	-	-	-
URUGUAY	2058	1857	1601	56.8	246	209	173	6.1	-	-	-	-
VENEZUELA (b)	7121	6639	5911	88.4	522	403	237	3.5	-	-	-	-
ANTIGUA	1 +	-	...	...	2 +	2	...	...	-	-	-	-
BAHAMAS	143	142	127	71.8	7	2	5	2.8	-	-	-	-
BERMUDA	14	13	7	14.0	1	1 f)	1	2.0	-	-	-	-
BRITISH HONDURAS	74	51	111	95.7	7	14	5	4.3	-	-	-	-
CANAL ZONE	17	12	31	55.4	1	-	-	-	-	-	-	-
CAYMAN ISLANDS	-	...	...	...	-	...	...	...	-	-	-	-
DOMINICA	82	77	67	93.1	118	129	86	119.4	-	-	-	-
FALKLAND ISLANDS	...	... +	-	-	...	... +	-	-	-	-	-	-
FRENCH GUIANA	12 +	10 +	13	32.5	11 +	5 +	1	2.5	-	-	-	-
GRENADA	...	...	...	...	...	...	...	...	-	-	-	-
GUADELOUPE	172	181 +	148	46.5	1	- +	6	1.9	-	-	-	-
MARTINIQUE	135	162	181	55.5	91	12	21	6.4	-	-	-	-
MONTERRAT	6	...	...	...	2	...	...	...	-	-	-	-
NETHERLANDS ANTILLES	12	2	5	2.3	4	-	-	-	-	-	-	-
PUERTO RICO	1602	1448 + c)	741	27.2	17	9	8	0.3	-	-	-	-
ST. KITTS-NEVIS-ANGUILLA	16	d) 15 +	13	23.2	-	1 +	1	1.8	-	-	-	-
ST. LUCIA	74	40	125	115.7	40	24	48	44.4	-	-	-	-
ST. PIERRE AND MIQUELON	10	...	...	...	-	...	...	...	-	-	-	-
ST. VINCENT	...	...	...	...	...	...	...	...	-	-	-	-
SURINAM	148 +	142 +	113	30.1	57 +	57 +	28	7.5	-	-	-	-
TURKS AND CAICOS ISLANDS	6 +	10	...	...	- +	-	...	...	-	-	-	-
VIRGIN ISLANDS (UK)	...	7	...	...	...	-	...	...	-	-	-	-
VIRGIN ISLANDS (US)	4	...	...	...	-	...	...	...	-	-	-	-

(a) Data for typhoid fever include data for paratyphoid fever (002) in Argentina, Canada, Chile, Colombia, Dominican Republic, Haiti, Paraguay, Peru, Venezuela, Dominica and Martinique in 1967 and 1968; St. Lucia in 1967; Ecuador and Guyana in 1968.

(b) Reporting area, 1967 and 1968, except for louse-borne typhus.

(c) Newly reported active cases.

(d) Respiratory tuberculosis. (010-012).

(e) Reporting area, 1967, except for louse-borne typhus.

(f) Imported case.

TABLE 1. REPORTED CASES OF NOTIFIABLE DISEASES WITH RATES PER 100,000 POPULATION, BY COUNTRY, 1968

COUNTRY	WHOOPIING COUGH (033)				YAWS (102)				YELLOW FEVER (a) (060)			
	1963-67 MEDIAN	1967 NUMBER	1968 NUMBER	1968 RATE	1963-67 MEDIAN	1967 NUMBER	1968 NUMBER	1968 RATE	1963-67 MEDIAN	1967 NUMBER	1968 NUMBER	1968 RATE
ARGENTINA	20226	20226	26307	111.4	...	*	*	*	1	1	-	-
BARBADOS	...	*	*	*	...	*	*	*	-	-	-	-
BOLIVIA (b)	699	699	977	49.6	...	...	-	-	19	-	27	0.6
BRAZIL	...	...	...	...	...	...	...	...	13	2	2	0.0
CANADA	4844	4954	2505	12.1	...	*	*	*	-	-	-	-
CHILE	5279	1538	2011	21.5	...	...	-	-	-	-	-	-
COLOMBIA	27751	27751	17614	88.8	189	62	63	0.3	5	5	11	0.1
COSTA RICA	1529	1243	555	34.0	-	-	...	...	-	-	-	-
CUBA	328	246	801	9.9	-	-	*	*	-	-	-	-
DOMINICAN REPUBLIC	2973	5543	2864	71.1	31	35	7	0.2	-	-	-	-
ECUADOR	...	...	...	...	...	*	*	*	-	1	-	-
EL SALVADOR (b)	3677	3523	3733	138.2	-	-	...	...	-	-	-	-
GUATEMALA	2717	3176	3538	72.7	...	*	*	*	-	-	-	-
GUYANA	180	180	25	3.5	24	*	*	*	-	-	1	0.1
HAITI	2046	2427	1563	33.5	81	72	41	0.9	-	-	-	-
HONDURAS (b)	2914	1923	2581	158.6	...	*	*	*	-	-	-	-
JAMAICA	997	361 +	514	26.9	101	14 +	13	0.7	-	-	-	-
MEXICO	39119	40697	24014	50.8	-	-	-	-	-	-	-	-
NICARAGUA	556	468	991	53.8	...	-	-	-	-	-	-	-
PANAMA	1001	3751	689	50.2	5	-	-	-	-	-	-	-
PARAGUAY (b)	1596	1272	803	69.3	...	...	...	...	-	-	-	-
PERU (c)	17914	18184 +	16065	125.8	32	33 +	38	0.3	45	3	5	0.0
TRINIDAD AND TOBAGO	233 +	227	332	32.5	...	...	-	-	-	-	-	-
UNITED STATES	9718	9718	4810	2.4	...	*	*	*	-	-	-	-
URUGUAY	73	73	1038	36.8	...	*	*	*	-	-	-	-
VENEZUELA (b)	9490	9468	24456	365.8	131	12	10	0.1	2	-	-	-
ANTIGUA	1 +	108	...	...	1	...	...	...	-	-	-	-
BAHAMAS	6	23	18	10.2	-	-	-	-	-	-	-	-
BERMUDA	1	2	3	6.0	-	-	-	-	-	-	-	-
BRITISH HONDURAS	-	34	90	77.6	-	-	-	-	-	-	-	-
CANAL ZONE	-	1	-	-	-	-	-	-	-	-	-	-
CAYMAN ISLANDS	...	...	...	...	-	...	...	...	-	-	-	-
DOMINICA	4	1	-	-	54	128	86	119.4	-	-	-	-
FALKLAND ISLANDS	...	... +	-	-	...	... +	-	-	-	-	-	-
FRENCH GUIANA	1 +	3 +	-	-	-	...	...	...	-	-	-	-
GRENADA	...	...	...	...	...	...	...	...	-	-	-	-
GUADELOUPE	-	7	...	...	-	-	...	...	-	-	-	-
MARTINIQUE	4	-	1	0.3	...	...	...	...	-	-	-	-
MONTSERRAT	2	...	...	...	...	...	...	...	-	-	-	-
NETHERLANDS ANTILLES	...	*	*	*	...	*	*	*	-	-	-	-
PUERTO RICO	180	46	39	1.4	-	-	-	-	-	-	-	-
ST. KITTS-NEVIS-ANGUILLA	5	- +	-	-	-	1 +	-	-	-	-	-	-
ST. LUCIA	-	-	139	128.7	43	9	8	7.4	-	-	-	-
ST. PIERRE AND MIQUELON	-	...	...	...	...	...	...	...	-	-	-	-
ST. VINCENT	...	...	...	...	...	...	...	...	-	-	-	-
SURINAM	...!	*	*	*	...	*	...	...	-	-	1	0.3
TURKS AND CAICOS ISLANDS	- +	2	...	...	- +	-	...	...	-	-	-	-
VIRGIN ISLANDS (UK)	...	-	...	...	...	-	...	...	-	-	-	-
VIRGIN ISLANDS (US)	1	...	...	...	...	...	...	...	-	-	-	-

(a) All cases were of jungle yellow fever.

(b) Reporting area, 1967 and 1968, except for yellow fever.

(c) Reporting area, 1967, except for yellow fever.

TABLE II. REPORTED CASES OF OTHER COMMUNICABLE DISEASES WITH RATES PER
100,000 POPULATION, BY COUNTRY, 1968

DISEASE AND COUNTRY	1963-67 MEDIAN	1967 NUMBER	1968		DISEASE AND COUNTRY	1963-67 MEDIAN	1967 NUMBER	1968	
			NUMBER	RATE				NUMBER	RATE
DENGUE (061)					LEPTOSPIROSIS (100) CONT.				
ARGENTINA	1	3	3	0.0	UNITED STATES	84	67	69	0.0
JAMAICA	36	6 +	367	19.2	VENEZUELA (a)	2	-	1	0.0
MEXICO	-	-	1	0.0	MARTINIQUE	1 +	1	1	0.3
VENEZUELA (a)	4040	1330	383	5.7					
DOMINICA	1	-	41	56.9	PSITTACOSIS (073)				
PUERTO RICO	93	1	-	-	ARGENTINA	1	3	8	0.0
					CANADA	5	4	7	0.0
FILARIAL INFECTION (125)					UNITED STATES	53	41	43	0.0
DOMINICAN REPUBLIC	110	48	115	2.9					
GUATEMALA	5921	4619	...	...	SCHISTOSOMIASIS (120)				
HAITI	...	...	7	0.1	UNITED STATES (c)	...	264 *	249	...
MEXICO	...	23	-	-	VENEZUELA (a)	2124	2030	1068	16.0
PANAMA	-	-	103	7.5	PUERTO RICO	135	49	37	1.4
VENEZUELA (a)	21	40	55	0.8					
ST. KITTS-NEVIS-ANGUILLA	2	3	...	...	TRICHINIASIS (124)				
TURKS AND CAICOS ISLANDS	- +	1	...	...	ARGENTINA	21	21	10	0.0
					CANADA	40	8	14	0.1
HYDATIDOSIS (122)					CHILE	51	47	77	0.8
ARGENTINA	365	364	345	1.5	MEXICO	...	-	1	0.0
CHILE	742	742	780	8.3	UNITED STATES	198	66	77	0.0
PANAMA	-	1	-	-	BAHAMAS	-	-	1	0.6
PERU (b)	134	103 +	91	0.7					
URUGUAY	364	335	319	11.3	TRYPANOSOMIASIS, AMERICAN (086)				
					ARGENTINA	2239	3443 +	2726	11.5
LEISHMANIASIS (085)					BOLIVIA (a)	...	...	12	0.6
ARGENTINA	73	81	50	0.2	EL SALVADOR (a)	147	148	232	8.6
BOLIVIA (a)	-	-	7	0.4	GUATEMALA	305	489	...	...
COLOMBIA	275	*	211	1.1	HONDURAS (a)	-	-	28	1.7
GUATEMALA	16	105	...	...	PANAMA	4	3	1	0.1
HONDURAS (a)	28	63	76	4.7	PARAGUAY (a)	17	17	96	8.3
MEXICO	13	58	11	0.0	PERU (b)	2	12 +	7	0.1
PANAMA	93	73	28	2.0	UNITED STATES	...	*	1	0.0
PARAGUAY (a)	378	613	2358	203.5	URUGUAY	2	...	1	0.0
PERU (b)	806	1016 +	1158	9.1	VENEZUELA (a)	423	461	538	8.0
VENEZUELA (a)	851	934	496	7.4					
					TULAREMIA (021)				
LEPTOSPIROSIS (100)					ARGENTINA	3	10	-	-
ARGENTINA	3	10	-	-	BARBADOS	9	1	1	0.4
BARBADOS	9	1	1	0.4	HAITI	...	...	2	0.0
HAITI	...	...	2	0.0	JAMAICA	23	10 +	15	0.8
JAMAICA	23	10 +	15	0.8	CANADA	3	10	12	0.1
					UNITED STATES	264	184	186	0.1
					BERMUDA	-	1	-	-

(a) Reporting area, 1967 and 1968.
(b) Reporting area, 1967.

(c) Data for states optionally reporting the disease.

TABLE II. REPORTED CASES OF OTHER COMMUNICABLE DISEASES WITH RATES PER
100,000 POPULATION, BY COUNTRY, 1968 (CONTINUED)

DISEASE AND COUNTRY	1963-67 MEDIAN	1967 NUMBER	1968		DISEASE AND COUNTRY	1963-67 MEDIAN	1967 NUMBER	1968	
			NUMBER	RATE				NUMBER	RATE
TYPHUS, ENDEMIC FLEA- BORNE (081.0)					TYPHUS, ENDEMIC FLEA- BORNE (081.0)				
ARGENTINA	3	17	-	-	PERU (a)	5	8	*	*
CHILE	22	6	5	0.1	UNITED STATES	33	52	36	0.0
COLOMBIA	97	90	79	0.4	VENEZUELA (b)	5	5	-	-
COSTA RICA	-	1	...	...	PUERTO RICO	1	1	-	-
ECUADOR	13	40	20	0.4					
MEXICO	39	37	29	0.1					

(a) Reporting area, 1967.

(b) Reporting area, 1967 and 1968.

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

DISEASE AND COUNTRY	TOTAL	MONTH OR FOUR WEEK PERIOD													
		JAN. I	FEB. II	MAR. III	APR. IV	MAY V	JUNE VI	VII	JULY VIII	AUG. IX	SEPT. X	OCT. XI	NOV. XII	DEC. XIII	NOT STATED
AMEBIASIS (006)															
ARGENTINA	1753	178	137	213	94	148	67	.	203	120	134	190	154	115	-
BOLIVIA (a)	107	15	7	6	11	10	9	.	-	9	10	11	15	4	-
CANADA	24	-	4	-	-	1	1	-	3	5	6	-	2	1	1
CUBA	274	25	46	32	23	24	14	.	17	28	18	17	23	7	-
DOMINICAN REPUBLIC +	39	4	4	-	28	-	-	3	-	-	-	-	-	-	-
EL SALVADOR (a)	7383	628	789	816	421	587	561	.	1001	665	593	589	416	317	-
HAITI	1087	104	104	115	157	110	70	.	72	68	79	81	102	25	-
HONDURAS (a)	2965	175	187	106	190	145	120	.	170	395	411	460	331	275	-
MEXICO	16149	1058	1073	1043	1032	1426	1664	.	2183	1775	1374	1478	1264	779	-
PANAMA	263	44	38	33	15	25	14	.	14	15	16	10	16	23	-
UNITED STATES	3005	232	248	334	243	260	251	.	233	246	241	257	266	194	-
VENEZUELA (a)	17023	1530	1410	1183	1325	1957	1531	.	1643	1345	1260	1330	1402	1107	-
BAHAMAS	624	60	55	45	64	59	41	40	27	6	67	57	75	28	-
BRITISH HONDURAS (b)	31	4	1	-	19	6	-	.	-	1	-	-	-	-	-
DOMINICA	53	5	4	13	1	2	1	.	1	11	2	2	8	3	-
PUERTO RICO	1	-	-	-	-	-	1	.	-	-	-	-	-	-	-
SURINAM +	12	1	2	1	-	-	7	1	-	-	-	-	-	-	-
DIPHTHERIA (032)															
ARGENTINA	823	57	83	70	71	99	95	.	46	52	63	74	66	47	-
BARBADOS	21	-	2	1	-	-	-	.	-	1	1	1	3	12	-
BOLIVIA (a)	26	-	-	-	-	10	6	.	4	1	1	1	2	1	-
CANADA	61	1	2	5	6	4	8	9	1	2	7	5	4	5	2
CHILE	504	66	31	38	35	46	39	.	52	60	39	41	35	22	-
COLOMBIA	641	29	61	39	21	45	27	42	45	41	33	51	37	35	135
COSTA RICA	21	5	1	1	-	2	-	.	-	4	-	-	5	3	-
CUBA	130	14	22	30	20	10	2	.	7	5	7	8	5	-	-
DOMINICAN REPUBLIC	472	41	43	69	50	29	41	.	28	46	28	67	23	7	-
ECUADOR	159	11	17	13	12	11	11	8	7	8	14	10	17	20	-
EL SALVADOR (a)	295	26	11	15	5	10	10	.	34	31	56	47	21	29	-
GUATEMALA	61	6	6	9	5	18	-	1	5	-	1	4	1	5	-
GUYANA	8	-	1	-	-	-	-	.	-	3	1	3	-	-	-
HAITI	32	15	1	-	1	1	1	.	1	2	8	-	1	1	-
HONDURAS (a)	6	1	2	-	-	-	-	.	2	-	1	...	...	...	....
JAMAICA +	44	2	4	-	10	5	2	3	4	3	3	5	2	1	-
MEXICO	238	44	32	19	14	15	8	.	23	16	20	20	20	7	-
NICARAGUA	14	-	-	3	2	-	-	.	-	-	4	5	-	-	-
PANAMA	8	-	-	-	-	5	-	.	-	-	2	-	-	1	-
PARAGUAY (a)	21	1	4	2	3	1	1	.	-	-	4	-	3	1	1
PERU +	76	2	4	8	14	4	4	.	6	11	8	6	5	4	-
TRINIDAD AND TOBAGO	65	9	3	7	4	6	5	.	5	11	8	4	1	2	-
UNITED STATES	260	7	10	19	27	4	18	.	13	11	37	39	35	40	-
URUGUAY	27	3	-	4	1	3	2	.	2	1	-	6	3	2	-
VENEZUELA (a)	169	17	19	7	2	14	10	.	11	13	12	6	27	31	-
BRITISH HONDURAS	3	2	-	-	-	-	-	.	-	-	-	-	-	1	-

(a) Reporting area.

(b) Distribution by month based on provisional data.

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

DISEASE AND COUNTRY	TOTAL	MONTH OR FOUR WEEK PERIOD													NOT STATED
		JAN. I	FEB. II	MAR. III	APR. IV	MAY V	JUNE VI	JULY VII	AUG. VIII	SEPT. IX	OCT. X	NOV. XI	DEC. XII		
DIPHTHERIA (032) CONT.															
GUADELOUPE +	14	-	1	-	-	-	-	-	2	5	-	1	4	1	-
MARTINIQUE	29	3	4	3	-	1	2	.	11	4	-	1	-	-	-
NETHERLANDS ANTILLES	2	-	-	-	-	-	-	.	-	1	-	-	-	1	-
PUERTO RICO	1	-	-	-	-	1	-	.	-	-	-	-	-	-	-
ST. LUCIA (a)	2	-	-	-	-	-	1	-	-	-	-	-	-	-	1
SURINAM +	5	-	1	-	-	2	-	-	-	-	-	2	-	-	-
HEPATITIS, INFECTIOUS (070)															
ARGENTINA	7058	470	396	566	593	717	712	.	642	774	516	770	533	369	-
BOLIVIA (b)	131	11	6	5	25	29	18	.	7	2	2	17	7	2	-
CANADA (c)	11198	1082	962	911	828	683	845	604	500	803	803	909	1082	1118	68
COSTA RICA	913	94	81	70	88	153	84	.	39	92	66	78	52	16	-
CUBA	16843	1299	1630	1715	1757	1588	1410	.	1346	1723	1564	1282	925	601	3
DOMINICAN REPUBLIC	1012	135	84	117	58	90	56	.	131	94	59	68	65	55	-
EL SALVADOR (b)	2145	212	227	175	185	186	133	.	189	166	224	234	132	82	-
GUATEMALA	1017	39	33	64	21	45	50	104	134	151	130	103	39	44	60
GUYANA	6	1	4	-	-	-	1	.	-	-	-	-	-	-	-
HAITI	255	9	3	32	11	16	18	.	38	36	45	8	8	31	-
HONDURAS (b)	340	11	28	12	29	32	19	.	13	43	89	29	16	19	-
JAMAICA +	102	8	2	4	10	10	9	12	11	5	11	12	1	7	-
MEXICO	3143	357	238	216	185	220	177	.	282	273	294	408	307	186	-
NICARAGUA	170	14	13	7	14	12	12	.	9	30	23	25	8	3	-
PANAMA	198	21	21	21	14	40	13	.	4	5	20	17	10	12	-
PARAGUAY (b)	164	14	16	9	14	8	10	.	13	12	10	25	18	15	-
TRINIDAD AND TOBAGO	2	-	-	-	-	-	-	.	1	-	1	-	-	-	-
UNITED STATES	45893	3552	3464	3858	3575	4102	3424	.	3760	3901	3866	4647	4006	3731	7
URUGUAY	2057	91	79	120	175	298	245	.	266	217	164	175	119	108	-
VENEZUELA (b)	746	57	41	53	40	60	44	.	75	80	93	91	59	53	-
BAHAMAS	4	-	-	-	-	-	-	.	-	-	1	1	-	2	-
BERMUDA	168	-	-	1	4	-	-	.	68	50	11	17	10	7	-
BRITISH HONDURAS	22	2	-	2	-	-	3	.	2	2	1	-	7	3	-
CANAL ZONE	20	1	2	-	2	-	-	.	-	4	2	5	2	2	-
DOMINICA	1	-	-	-	-	-	-	.	-	-	-	1	-	-	-
PUERTO RICO (c)	1238	16	36	83	92	106	116	.	92	124	126	150	140	157	-
ST. KITTS-NEVIS-ANGUILLA+	6	-	-	1	1	-	2	.	-	-	-	1	1	-	-
MALARIA (084) (d)															
ARGENTINA	105	6	6	6	9	4	6	.	2	9	4	1	10	42	-
BOLIVIA	1998	130	137	171	240	179	104	.	153	74	236	195	166	213	-
CANADA	1	-	-	-	1	-	-	.	-	-	-	-	-	-	-
COLOMBIA	14328	959	1006	1015	738	867	1238	1202	1073	821	872	903	845	532	2257
COSTA RICA	1133	157	176	92	62	116	69	.	91	166	75	43	41	45	-
CUBA (e)	4	-	-	-	-	-	-	.	-	-	-	-	-	-	4
DOMINICAN REPUBLIC	21	1	3	5	1	1	1	.	-	3	1	-	-	-	5
ECUADOR	37475	1077	1210	582	893	1313	2226	2426	3828	4780	4476	6473	3480	4711	-
EL SALVADOR	35831	2503	1965	4641	3292	3122	3289	.	3188	3450	4760	2419	1812	1390	-

(a) Distribution by month based on provisional data.

(b) Reporting area.

(c) Including serum hepatitis (N999.2)

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

(e) Imported cases.

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

DISEASE AND COUNTRY	TOTAL	MONTH OR FOUR WEEK PERIOD													NOT STATED
		JAN. I	FEB. II	MAR. III	APR. IV	MAY V	JUNE VI	VII	JULY VIII	AUG. IX	SEPT. X	OCT. XI	NOV. XII	DEC. XIII	
MALARIA (084) CONT.															
GUATEMALA	10969	764	786	742	862	757	778	680	911	1252	1271	949	652	565	-
GUYANA	61	11	4	2	3	4	4	.	-	3	2	13	10	5	-
HAITI	7030	626	586	699	723	681	645	.	606	477	733	560	410	284	-
HONDURAS	15666	445	498	384	475	842	757	.	1669	2557	2112	2726	1516	1685	-
JAMAICA (a)	+ 2	1	-	-	-	-	-	-	-	-	-	-	-	1	-
MEXICO	26318	944	882	749	1363	1161	1045	.	2982	2552	2512	4058	4772	3298	-
NICARAGUA	7151	171	432	480	329	430	443	.	1017	1516	1211	593	-	529	-
PANAMA	1752	203	92	80	167	165	214	.	143	94	150	166	176	102	-
PARAGUAY	20743	3224	2120	2224	2191	3734	1000	.	1486	1185	1097	1095	856	531	-
TRINIDAD AND TOBAGO (a)	5	5	-	-	-	-	-	.	-	-	-	-	-	-	-
UNITED STATES (a)	2317	218	207	153	158	158	159	.	209	211	207	273	207	157	-
VENEZUELA (a)	5735	524	472	519	485	522	441	.	470	487	414	502	483	416	-
BRITISH HONDURAS	39	10	2	1	2	2	-	.	-	3	8	6	1	4	-
CANAL ZONE	22	2	3	1	1	-	3	.	3	1	3	1	1	3	-
PUERTO RICO (b)	10	-	-	1	-	1	-	.	-	4	1	2	-	1	-
SURINAM	+ 1556	310	165	121	45	46	40	37	86	13	141	184	218	150	-
MEASLES (055)															
ARGENTINA	89667	2094	1029	904	1729	4645	7914	.	9824	14971	13218	17401	10284	5654	-
BOLIVIA (c)	1337	37	14	18	9	16	66	.	67	180	245	311	242	132	-
CHILE	7146	891	602	368	326	364	415	.	659	687	531	696	809	798	-
COLOMBIA	21890	1077	1202	1231	1053	1384	1263	1673	1885	1740	1427	1616	1379	1245	3715
COSTA RICA	113	14	14	17	11	13	12	.	5	7	4	9	2	5	-
CUBA	11749	453	691	869	1025	857	870	.	1019	1088	1087	1373	1222	1191	4
DOMINICAN REPUBLIC	4284	288	303	433	394	464	298	.	285	327	349	558	318	267	-
EL SALVADOR (c)	6985	880	958	1004	799	574	453	.	506	415	364	458	318	256	-
GUATEMALA	4011	139	177	314	287	439	437	482	431	362	314	290	192	147	-
GUYANA	40	6	4	5	3	6	8	.	4	3	-	1	-	-	-
HAITI	201	31	10	39	24	25	23	.	20	10	5	8	6	-	-
HONDURAS (c)	3598	330	194	275	229	477	399	.	411	312	273	291	212	195	-
JAMAICA	+ 1652	104	84	151	298	256	203	210	119	80	41	41	30	35	-
MEXICO	54451	3471	4775	6921	7935	9147	6175	.	5273	3097	2257	2132	1707	1561	-
NICARAGUA	483	-	23	2	46	26	49	.	46	79	95	76	18	23	-
PANAMA	1387	191	152	81	51	43	36	.	42	47	48	55	130	511	-
PARAGUAY (c)	4131	148	129	177	152	268	530	.	813	479	751	420	181	83	-
TRINIDAD AND TOBAGO	* 372	46	30	10	52	76	66	.	27	29	11	13	7	5	-
UNITED STATES	22231	2047	2346	3545	3330	3696	2192	.	1158	761	461	616	1000	1078	1
URUGUAY	3484	366	165	80	107	148	229	.	252	238	322	467	517	593	-
VENEZUELA (c)	32832	3853	3926	3907	3022	3164	2915	.	2925	2409	2081	1838	1506	1286	-
BAHAMAS	103	3	12	8	22	14	20	7	13	-	2	1	1	-	-
BERMUDA	2	-	-	-	-	1	1	.	-	-	-	-	-	-	-
BRITISH HONDURAS	13	1	3	1	1	3	-	.	-	-	2	-	-	2	-
CANAL ZONE	24	1	2	13	1	-	3	.	-	-	-	-	-	4	-
DOMINICA	2	-	-	-	-	1	-	.	-	-	-	-	-	1	-
PUERTO RICO	700	33	69	102	133	99	38	.	54	27	32	33	42	38	-
ST. KITTS-NEVIS-ANGUILLA+	56	-	20	36	-	-	-	.	-	-	-	-	-	-	-

(a) Including imported cases, or cases acquired outside the country: Jamaica, 1; Trinidad and Tobago, 4; United States, 2,305; Venezuela, 658.

(b) Imported cases.
(c) Reporting area.

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

DISEASE AND COUNTRY	TOTAL	MONTH OR FOUR WEEK PERIOD													
		JAN. I	FEB. II	MAR. III	APR. IV	MAY V	JUNE VI	JULY VII	AUG. VIII	SEPT. IX	OCT. X	NOV. XI	DEC. XII	NOT STATED	
POLIOMYELITIS, ACUTE (a) (040-043)															
ARGENTINA	168	8	9	27	18	5	13	.	6	16	15	22	17	12	-
BOLIVIA (b)	5	-	-	-	2	1	-	.	-	-	-	2	-	-	-
CHILE	63	6	3	7	8	7	1	.	7	4	8	4	2	6	-
COLOMBIA	261	16	10	15	7	14	7	18	12	23	20	14	20	9	76
COSTA RICA	3	1	-	-	1	-	-	.	-	1	-	-	-	-	-
DOMINICAN REPUBLIC	30	5	-	7	2	1	-	.	7	2	5	1	-	-	-
ECUADOR	52	11	9	1	1	7	1	1	3	1	3	2	7	5	-
EL SALVADOR (b)	63	4	4	3	4	13	6	.	8	11	3	1	2	4	-
GUATEMALA	146	10	5	16	5	8	10	21	23	15	14	15	2	2	-
GUYANA	7	-	-	1	2	-	-	.	-	4	-	-	-	-	-
HAITI	2	-	-	1	-	-	1	.	-	-	-	-	-	-	-
HONDURAS (b)	62	2	-	2	3	-	9	.	1	6	2	3	12	16	6
MEXICO	850	35	77	90	84	67	100	.	62	75	80	70	71	39	-
NICARAGUA	7	-	-	1	-	4	1	.	-	-	-	1	-	-	-
PANAMA	6	-	1	-	-	1	-	.	1	-	1	-	-	2	-
PARAGUAY (b)	70	5	8	6	2	1	3	.	6	9	4	6	8	12	-
PERU	+ 270	3	1	2	7	2	9	.	33	44	52	53	35	29	-
TRINIDAD AND TOBAGO	1	-	-	-	-	-	-	.	-	-	-	1	-	-	-
UNITED STATES	53	1	5	3	1	4	6	.	9	2	10	8	2	2	-
URUGUAY	6	1	-	-	1	1	-	.	1	-	-	2	-	-	-
VENEZUELA (b)	568	63	49	42	63	89	89	.	63	47	20	29	9	5	-
GUADELOUPE	+ 2	-	-	-	-	-	-	.	-	1	-	1	-	-	-
MARTINIQUE	1	-	-	-	-	-	1	.	-	-	-	-	-	-	-
TYPHOID FEVER (c) (001)															
ARGENTINA	1061	133	140	166	105	68	42	.	21	39	44	84	116	103	-
BARBADOS	17	3	-	6	2	1	1	.	-	1	2	-	-	1	-
BOLIVIA (b)	87	-	4	3	12	8	6	.	10	7	8	10	12	7	-
CANADA	93	1	6	9	5	23	5	4	10	14	4	3	3	5	1
CHILE	7091	1067	810	583	329	358	274	.	217	339	363	621	1040	1090	-
COLOMBIA	7024	362	485	472	391	416	440	468	508	542	618	601	511	236	974
COSTA RICA	71	8	5	5	11	13	8	.	2	3	3	5	6	2	-
CUBA	968	17	11	18	24	23	31	.	29	160	512	74	51	18	-
DOMINICAN REPUBLIC	534	60	51	40	42	51	53	.	78	38	47	34	30	10	-
ECUADOR	2489	173	175	156	231	248	211	207	155	156	185	156	217	219	-
EL SALVADOR (b)	93	2	2	16	7	9	13	.	11	7	10	15	1	-	-
GUATEMALA	1042	46	63	81	75	72	122	122	114	108	93	71	55	20	-
GUYANA	543	28	26	20	44	97	85	.	108	40	23	24	23	25	-
HAITI	1548	117	95	190	184	127	227	.	157	161	123	76	57	34	-
HONDURAS (b)	828	35	25	77	50	85	46	.	98	86	82	93	71	80	-
JAMAICA	+ 98	11	6	6	8	7	9	9	5	8	8	7	8	6	-
MEXICO	2986	239	196	234	307	299	284	.	334	281	228	287	187	110	-
NICARAGUA	75	6	2	8	9	10	10	.	4	6	5	10	4	1	-
PANAMA	2	-	-	-	-	-	-	.	1	1	-	-	-	-	-
PARAGUAY (b)	120	44	16	3	3	6	3	.	6	7	-	10	12	9	1
TRINIDAD AND TOBAGO	69	3	1	2	2	1	2	.	1	3	10	5	22	17	-

(a) Data refer to paralytic poliomyelitis (040-041) in Canada, Colombia, El Salvador and Paraguay.

(b) Reporting area.

(c) Data for typhoid fever include data for paratyphoid fever (002) in Argentina, Canada, Chile, Colombia, Dominican Republic, Ecuador, Guyana, Haiti, Paraguay, Venezuela, Dominica and Martinique.

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

DISEASE AND COUNTRY	TOTAL	MONTH OR FOUR WEEK PERIOD													NOT STATED
		JAN. I	FEB. II	MAR. III	APR. IV	MAY V	JUNE VI	VII	JULY VIII	AUG. IX	SEPT. X	OCT. XI	NOV. XII	DEC. XIII	
TYPHOID FEVER (001) CONT.															
UNITED STATES	395	17	12	30	28	26	33	.	37	38	64	46	39	25	-
URUGUAY	173	29	28	28	14	6	9	.	4	3	3	10	13	26	-
VENEZUELA (a,b)	237	16	15	21	27	24	20	.	22	20	16	19	21	16	-
BAHAMAS	5	1	-	-	-	-	-	1	-	1	2	-	-	-	-
BERMUDA	1	-	-	-	-	-	-	.	-	-	-	-	1	-	-
BRITISH HONDURAS	5	2	-	1	-	-	1	.	-	-	-	-	-	1	-
DOMINICA (b)	86	19	7	2	1	2	5	.	5	15	4	18	5	3	-
FRENCH GUIANA	+	1	-	-	-	-	-	-	-	-	-	1	-	-	-
GUADELOUPE	+	6	-	-	2	-	-	1	-	1	-	-	-	2	-
MARTINIQUE (b)	21	1	2	8	1	-	2	.	-	1	2	-	4	-	-
PUERTO RICO	8	1	-	-	-	1	1	.	-	3	-	1	1	-	-
ST. KITTS-NEVIS-ANGUILLA+	1	1	-	-	-	-	-	.	-	-	-	-	-	-	-
ST. LUCIA (c)	48	2	2	1	-	-	4	31	5	1	2	-	-	-	-
SURINAM	+	28	-	3	3	2	2	1	2	6	2	2	3	1	1
WHOOPING COUGH (033)															
ARGENTINA	26307	3017	1957	1471	1104	1482	1171	.	1759	3041	3196	3367	2564	2178	-
BOLIVIA (a)	977	62	30	65	49	123	79	.	138	104	126	108	66	27	-
CANADA	2505	326	242	247	158	191	168	134	141	198	76	256	229	134	5
CHILE	2011	401	258	181	102	71	63	.	80	105	131	165	217	237	-
COLOMBIA	17614	975	1036	1298	1149	1205	1492	1427	1392	1228	1239	911	746	585	2931
COSTA RICA	555	59	47	35	34	56	56	.	31	102	26	59	39	11	-
CUBA	801	6	11	25	81	89	85	.	98	112	74	85	78	57	-
DOMINICAN REPUBLIC	2864	345	216	431	224	269	242	.	218	133	165	380	153	88	-
EL SALVADOR (a)	3733	239	198	224	199	203	269	.	522	425	524	526	243	161	-
GUATEMALA	3538	230	212	313	307	288	310	312	338	414	243	214	223	134	-
GUYANA	25	-	-	-	-	-	1	.	3	-	-	1	-	-	20
HAITI	1563	105	105	195	132	103	156	.	120	158	145	118	120	106	-
HONDURAS (a)	2581	140	196	191	117	259	187	.	211	342	355	321	114	148	-
JAMAICA	+	514	29	30	20	35	26	29	38	40	49	38	53	102	25
MEXICO	24014	2603	2143	2336	2089	2600	1827	.	2306	2016	1643	2108	1282	1061	-
NICARAGUA	991	124	22	55	92	38	39	.	59	190	197	110	39	26	-
PANAMA	689	145	138	92	32	37	57	.	50	22	33	21	12	50	-
PARAGUAY (a)	803	74	45	49	48	47	55	.	64	47	52	72	117	125	8
TRINIDAD AND TOBAGO	332	30	36	47	26	40	18	.	77	23	11	13	10	1	-
UNITED STATES	4810	550	442	444	431	443	337	.	474	447	387	362	275	212	6
URUGUAY	1038	37	23	48	19	30	50	.	93	161	132	178	155	112	-
VENEZUELA (a)	24456	1102	1139	1475	1528	2241	1973	.	2766	3511	2794	2540	1776	1611	-
BAHAMAS	18	1	-	-	3	3	2	-	-	5	1	-	-	3	-
BERMUDA	3	-	-	-	-	-	-	.	1	2	-	-	-	-	-
BRITISH HONDURAS	90	2	-	-	63	4	-	.	-	2	4	7	1	7	-
MARTINIQUE	1	-	-	-	-	-	-	.	-	-	1	-	-	-	-
PUERTO RICO	39	5	2	4	5	4	1	.	8	3	-	5	1	1	-
ST. LUCIA (c)	139	1	-	-	1	9	59	15	26	13	12	3	-	-	-

(a) Reporting area.

(b) Includes paratyphoid fever (002).

(c) Distribution by month based on provisional data.

TABLE IV. REPORTED CASES OF SELECTED COMMUNICABLE DISEASES BY AGE, 1968

DISEASE AND COUNTRY	TOTAL	AGE GROUP IN YEARS														NOT STATED				
		0-5 MOS.	6-11 MOS.	1	2	3	4	5-9	10-14	15-19	20-24	25-44	45-64	65-74	75 AND OVER					
AMEBIASIS (006)																				
BOLIVIA (a)	107	1	6	11	9	2	3	15	14	7	10	20	7	-	1	1				
CUBA	274	13	9	11	13	16	12	20	32	24	26	59	34	3	2	-				
HONDURAS (a)	2965	122		639				636			891					677				
MEXICO	16149	307	614	1471	904	904	720	2314	1455	1441	1271	3233	1226	244	45	-				
PANAMA	263	4	8	8	10	13	8	40	26	17	24	53	25	8	3	16				
VENEZUELA (b)	1294	70	128	116	131	105	72	239	86	50	48	129	85	15	11	9				
BAHAMAS	624	50	30	72	82	71	75	192	39	-	1	-	1	-	-	11				
BRITISH HONDURAS	31	-	-	-	4	2	4	8	4	3	3	2	1	-	-	-				
PUERTO RICO	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-				
DIPHTHERIA (032)																				
BARBADOS	21	-	2	4	3	6	3	3	-	-	-	-	-	-	-	-				
BOLIVIA (a)	26	1	2	3	3	3	1	8	2	-	1	1	-	-	-	1				
CANADA	61	4		11				12			9		1		2		12			
CHILE	504	14		81				151			88		37		34		71	13	4	11
COLOMBIA	641	51		255				176			139					20	-			
CUBA	130	1	2	9	15	10	7	14	15	19	6	28	2	-	-	2				
ECUADOR	159	11		73				45			8		12		6		3	1	-	
GUYANA	8	-	-	-	2	2	2	2	-	-	-	-	-	-	-	-				
HONDURAS (a)	6	-		1				2			3					-				
MEXICO	238	5	5	8	11	13	24	68	56	10	8	30	-	-	-	-				
PANAMA	8	-	1	1	2	-	1	3	-	-	-	-	-	-	-	-				
PARAGUAY (a)	21	3		12				5			d) 1					-				
TRINIDAD AND TOBAGO	65	-	-	3	10	11	7	20	7	-	2	2	1	-	-	2				
UNITED STATES	260	1		71				90			42		21		10		e) 13		2	10
URUGUAY	27	1	2	1	2	1	-	2	2	2	-	12	1	-	-	1				
VENEZUELA (b)	101	1	3	11	5	8	13	32	14	2	6	6	-	-	-	-				
BRITISH HONDURAS	3	-	-	1	-	1	-	1	-	-	-	-	-	-	-	-				
PUERTO RICO	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-				
DYSENTERY, BACILLARY (004)																				
BOLIVIA (a)	131	5	17	29	21	18	3	9	3	4	6	10	5	1	-	-				
CANADA	1560	108		325				201			62		23		c) 77		23	11	730	
CUBA	86	16	15	26	11	4	5	6	1	-	-	2	-	-	-	-				
HONDURAS (a)	2389	409		788				463			729					-				
MEXICO	3145	195	289	485	270	148	142	297	269	243	114	573	80	27	13	-				
PANAMA	20	4	1	1	2	3	-	2	2	-	2	3	-	-	-	-				
TRINIDAD AND TOBAGO	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-				
VENEZUELA (b)	76	5	7	6	5	3	5	10	9	8	1	7	6	1	1	2				
CANAL ZONE	2	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-				
PUERTO RICO	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
ENCEPHALITIS, VIRAL (062-065, 068.2)																				
BOLIVIA (a)	3	-	-	1	1	-	-	-	-	-	-	1	-	-	-	-				

(a) Reporting area.

(b) Organized reporting area with approximately 50 per cent of the total population.

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

(d) Differing age grouping: 15-39, 40-59, 60 and over.

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

TABLE IV. REPORTED CASES OF SELECTED COMMUNICABLE DISEASES BY AGE, 1968
(CONTINUED)

DISEASE AND COUNTRY	AGE GROUP IN YEARS															NOT STATED
	TOTAL	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	
ENCEPHALITIS, VIRAL (062-065,068.2) CONT.																
CANADA	13				2					1 a)	1					9
COLOMBIA	261	40			134			52			23				12	
CUBA	82	9	6	9	7	4	7	23	6	3	2	3	3			
HONDURAS (b)	6				2							4				
MEXICO	39	2	2	9	3	2	4	5	2	1	3	3	3			
PANAMA	1										1					
PARAGUAY (b)	74	18			24			21		c)	11					
URUGUAY	31	4	6	5	1	1		2		1		3	4		1	3
VENEZUELA (d)	2				1			1								
PUERTO RICO	4					1	1	2								
BACTERIAL INFECTIONS (098)																
BOLIVIA (b)	236		1		1	1		3	9	71	86	57	6		1	
CANADA	22520	9			10			31	96	3386 a)	14873		1516	118		2481
COLOMBIA	43279	614			260			1075			40465			865		
CUBA	243			1	1	1		2	3	46	71	105	10	2		1
ECUADOR	958				19				1	304	362	254		15		3
HONDURAS (b)	4787	4713			70			4								
MEXICO	12248	15		15	10	26	26	89	84	1882	4210	5456	409	26		
PANAMA	503	3		1		5	1	5	13	85	137	197	32	6	1	17
PARAGUAY (b)	580	3			2			13		c)	470	57		5		30
UNITED STATES	464543				5804					108405	174485 e)	170459		5390		
URUGUAY	142	1			1			1	6	42	36	39	11	1	4	
BAHAMAS	62					1	1		2	3	18	33	4			
BERMUDA	236									57	85	86	3			5
CANAL ZONE	81							2		12	37	22	8			
HEPATITIS, INFECTIOUS (070)																
BOLIVIA (b)	131	2		5	6	8	7	26	17	10	6	33	8	2		1
CANADA (f)	11198	19			510			2052	1495	708 a)	1646		495	110		4163
CUBA	16843	43	34	166	549	1042	1314	5106	2510	1929	1551	2010	457	57	42	33
HONDURAS (b)	340	8			102			70				160				
MEXICO	3143	38	16	178	317	325	240	356	155	155	209	736	309	101	8	
PANAMA	198		2	1	4	15	16	48	23	23	22	30	9	4	1	
PARAGUAY (b)	164	5			36			77		c)	34	11		1		
TRINIDAD AND TOBAGO	2						1					1				
UNITED STATES	45893	87			1305			6284	5690	8302	8053		13746			2426
URUGUAY	2057	12	5	23	36	55	105	628	353	201	196	285	81	16	7	54
BAHAMAS	4								1			3				
BERMUDA	168		1		3	3	7	45	49	14	8	18	2			18
BRITISH HONDURAS	22			1	2	1		2	3	1	2	7	3			
CANAL ZONE	20							1	1	1	10	6	1			
PUERTO RICO (f)	1238	5		4	18	43	52	375	212	184	104	160	53	5	6	17
INFLUENZA (470-474)																
BOLIVIA (b)	2126	177	166	225	152	124	93	267	124	117	93	317	194	56	21	

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

(b) Reporting area.

(c) Differing age grouping: 15-39, 40-59, 60 and over.

(d) Organized reporting area with approximately 50 per cent of the total population.

(e) Differing age group: 25-49, 50 and over.

(f) Including serum hepatitis (N999.2).

TABLE IV. REPORTED CASES OF SELECTED COMMUNICABLE DISEASES BY AGE, 1968
(CONTINUED)

DISEASE AND COUNTRY	AGE GROUP IN YEARS															NOT STATED	
	TOTAL	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		
INFLUENZA (470-474) CONT.																	
COLOMBIA	90962	18316		20498				19289		26305			6554			-	
HONDURAS (a)	5503	1011		1760				872		1860					-		
MEXICO	36579	2396	2875	3135	2282	1815	1270	4367	2823	2597	2426	6379	2930	640	344	300	
PANAMA	3895	341	228	216	221	139	118	385	344	348	255	648	408	94	32	118	
PARAGUAY (a)	16217	3428		4833				3285		b) 2965			1109			597	-
URUGUAY	3964	51	40	50	36	24	16	71	41	80	57	166	141	81	136	2974	
BAHAMAS	2	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	
BERMUDA	60	-	-	-	-	-	-	-	-	2	3	2	11	-	-	42	
LEPROSY (030)																	
BOLIVIA (a)	49	-	-	-	-	1	-	-	5	3	3	18	14	5	-	-	
COLOMBIA	246	1		1				11		147			86			-	
CUBA	329	-	-	-	-	-	1	2	13	21	26	118	113	20	12	3	
ECUADOR	200	32				168					-						
HONDURAS (a)	21	-		-				4		17					-		
MEXICO	765	-	-	-	4	2	2	13	37	57	91	301	199	44	15	-	
PANAMA	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	
PARAGUAY (a)	217	-		1				16		b) 81			92			27	-
TRINIDAD AND TOBAGO	2	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	
URUGUAY	12	-	1	-	-	-	-	-	-	-	-	4	3	2	1	1	
PUERTO RICO	19	-	-	-	-	-	-	-	4	1	-	8	4	-	-	2	
MALARIA (084) (c)																	
BOLIVIA	1998	-	-	-	3	3	2	13	7	13	15	33	21	-	2	1886	
COLOMBIA	14328	818		1994				3733		6197			1586			-	
PANAMA	1752	13	17	42	74	81	72	374	263	200	131	260	92	19	3	111	
TRINIDAD AND TOBAGO (d)	5	-	-	-	-	-	-	-	-	-	1	1	2	-	-	1	
VENEZUELA (d)	5735	66		756				967		840	742	703	1280	338	32	11	-
BRITISH HONDURAS	39	-	-	-	3	2	1	8	5	7	5	5	3	-	-	-	
CANAL ZONE	22	-	-	-	-	-	-	1	1	2	10	5	3	-	-	-	
PUERTO RICO	10	-	-	-	-	-	-	-	-	-	7	2	-	-	-	1	
MEASLES (055)																	
BOLIVIA (a)	1337	42	113	290	237	151	110	273	65	32	11	7	2	-	1	3	
CHILE	7146	1436		3067				1655		642	128	80	49	12	3	74	
COLOMBIA	21890	3967		11442				5695		733			53			-	
CUBA	11749	311	873	1975	1843	1401	1097	2585	670	436	242	249	23	3	2	39	
HONDURAS (a)	3598	743		2029				682		144					-		
MEXICO	54451	1165	4901	8718	9191	8549	6219	13209	1655	305	169	321	33	16	-	-	
PANAMA	1387	46	97	147	201	124	129	337	116	72	49	50	5	1	-	13	
PARAGUAY (a)	4131	526		2093				1331		b) 122			6			4	49
URUGUAY	3484	82	316	473	398	463	362	1106	124	49	19	30	4	-	2	56	
VENEZUELA (e)	12947	413	1782	2885	2583	1683	1054	1970	346	97	35	49	7	-	-	43	

(a) Reporting area.

(b) Differing age grouping: 15-39, 40-59, 60 and over.

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

(d) Including imported cases, or cases acquired outside the country: Trinidad and Tobago, 4; Venezuela, 658.

(e) Organized reporting area with approximately 50 per cent of the total population.

TABLE IV. REPORTED CASES OF SELECTED COMMUNICABLE DISEASES BY AGE, 1968
(CONTINUED)

DISEASE AND COUNTRY	AGE GROUP IN YEARS																
	TOTAL	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	NOT STATED	
MEASLES (055) CONT.																	
BAHAMAS	103	2	7	14	8	21	12	29	3	1	1	3	-	-	-	2	
BERMUDA	2	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	
BRITISH HONDURAS	13	1	-	1	1	1	1	5	1	-	-	1	-	-	-	1	
CANAL ZONE	24	-	-	3	1	1	2	17	-	-	-	-	-	-	-	-	
MENINGOCOCCAL INFECTION (036)																	
CANADA	96	12	-	16				-	13	7	2 a)	4	1	-	-	-	41
COLOMBIA	327	122	-	114				-	57	-	28	-	-	6	-	-	-
CUBA	15	2	-	-	-	-	-	5	3	2	-	1	1	-	1	-	
HONDURAS (b)	42	11	-	4				-	4	-	-	23			-	-	
MEXICO	9	-	1	-	-	-	-	2	1	3	2	-	-	-	-	-	
PANAMA	2	-	1	-	-	-	-	-	-	-	-	1	-	-	-	-	
TRINIDAD AND TOBAGO	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	
UNITED STATES	2623	324	-	600				-	258	184	285	263	303			406	
URUGUAY	3	-	-	1	-	-	-	-	-	-	1	-	1	-	-	-	
VENEZUELA (c)	13	3	3	-	1	-	1	-	-	-	-	1	3	-	1	-	
PUERTO RICO	20	1	3	-	-	-	1	3	6	5	1	-	-	-	-	-	
MUMPS (072)																	
BOLIVIA (b)	56	-	1	5	5	2	6	17	4	1	3	7	4	-	-	1	
CUBA	14901	52	94	436	724	754	789	3411	1639	2104	1475	2768	551	37	27	40	
HONDURAS (b)	134	6	-	51				-	47	-	-	30			-	-	
MEXICO	11338	91	261	396	760	986	987	4614	1587	488	386	488	170	11	11	102	
PANAMA	65	2	3	2	4	7	4	13	11	7	3	9	-	-	-	-	
PARAGUAY (b)	262	5	-	71				-	103	d)	73	6	-	1	-	3	
URUGUAY	1519	3	11	25	45	79	105	826	193	56	41	98	15	6	3	13	
BAHAMAS	155	-	2	4	10	8	21	42	12	9	5	30	5	-	-	7	
BERMUDA	10	-	-	-	-	-	-	4	1	2	-	-	-	-	-	3	
CANAL ZONE	21	1	-	-	1	1	3	6	1	-	5	2	1	-	-	-	
POLIOMYELITIS, ACUTE (040-043)																	
BOLIVIA (b)	5	-	1	2	-	-	-	-	2	-	-	-	-	-	-	-	
CHILE	63	10	-	37				-	8	3	3	-	2	-	-	-	
COLOMBIA (e)	261	41	-	138				-	62	-	11	-	-	9	-	-	
ECUADOR	52	12	-	28				-	5	1	-	1	4	-	-	1	
GUYANA	7	-	-	-	3	-	1	2	1	-	-	-	-	-	-	-	
HONDURAS (b)	62	22	-	35				-	4	-	-	1	-	-	-	-	
MEXICO	850	23	209	281	146	73	36	24	2	-	-	-	-	-	-	56	
PANAMA	6	1	-	-	1	1	-	-	1	-	-	2	-	-	-	-	
PARAGUAY (b, e)	70	7	-	49				-	9	d)	1	2	-	1	-	1	
TRINIDAD AND TOBAGO	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	
UNITED STATES	53	12	-	22				-	5	5	-	-	9	-	-	-	
URUGUAY	6	-	-	1	1	-	1	1	-	-	-	2	-	-	-	-	

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

(b) Reporting area.

(c) Organized reporting area with approximately 50 per cent of the total population.

(d) Differing age grouping: 15-39, 40-59, 60 and over.

(e) Data refer to paralytic poliomyelitis (040-041).

TABLE IV. REPORTED CASES OF SELECTED COMMUNICABLE DISEASES BY AGE, 1968
(CONTINUED)

DISEASE AND COUNTRY	AGE GROUP IN YEARS														NOT STATED	
	TOTAL	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
POLIO MYELITIS, ACUTE (040-043) CONT.																
VENEZUELA (a)	373	19	89	160	54	19	13	13	3	1	1	1	-	-	-	
SYPHILIS, ALL FORMS (090-097)																
BOLIVIA (b)	213	1	-	1	-	1	1	6	3	62	61	65	10	-	1	1
CANADA	2233	11	-	-	-	1	-	1	1	89	c) - 864	-	521	-	362	383
CUBA	543	-	1	-	-	1	-	2	1	31	72	200	171	37	27	-
ECUADOR	1014	-	-	-	-	8	-	-	6	248	240	379	-	133	-	-
HONDURAS (b)	2024	12	-	-	-	3	-	7	-	-	-	2002	-	-	-	-
MEXICO	14322	58	-	7	14	-	14	14	101	1403	2710	7193	2479	272	36	21
PANAMA	179	4	1	2	1	-	-	1	1	13	28	62	34	9	10	13
PARAGUAY (b)	2016	30	-	-	-	12	-	59	d)	1642	-	200	-	42	-	31
URUGUAY	316	16	-	-	2	-	-	4	7	50	79	98	35	13	3	9
BAHAMAS	120	-	-	-	-	-	-	1	-	7	26	63	20	-	-	3
BERMUDA	29	-	-	-	-	-	-	-	-	2	7	16	4	-	-	-
CANAL ZONE	24	-	-	-	-	-	-	-	-	2	6	7	7	1	-	1
SYPHILIS, CONGENITAL (090)																
CANADA	40	11	-	-	-	-	-	-	-	1	c) - 17	-	7	-	-	4
CUBA	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
ECUADOR	24	-	-	-	-	8	-	-	5	4	4	2	-	1	-	-
HONDURAS (b)	13	12	-	-	-	-	-	1	-	-	-	-	-	-	-	-
MEXICO	57	29	7	-	-	-	-	-	-	-	12	6	3	-	-	-
PANAMA	21	2	-	2	1	-	-	1	-	3	2	7	1	-	-	2
UNITED STATES	2381	292	-	-	-	27	-	29	-	-	-	2033	-	-	-	-
SYPHILIS, EARLY (091-092)																
CANADA	721	-	-	-	-	-	-	-	1	54	c) - 322	-	86	-	6	252
CUBA	216	-	-	-	-	-	-	1	1	16	44	72	31	5	1	45
ECUADOR	686	-	-	-	-	-	-	-	1	233	207	225	-	20	-	-
HONDURAS (b)	1077	-	-	-	-	3	-	4	-	-	-	1070	-	-	-	-
MEXICO	3351	-	-	3	6	-	3	3	27	436	851	1468	470	67	17	-
PANAMA	14	-	-	-	-	-	-	-	1	3	2	4	2	-	-	2
UNITED STATES	19019	-	-	-	-	249	-	-	-	3423	5405	e) 9298	-	644	-	-
BERMUDA	29	-	-	-	-	-	-	-	-	2	7	16	4	-	-	-
TETANUS (037)																
BOLIVIA (b)	12	4	-	-	-	-	1	-	1	1	2	2	1	-	-	-

- (a) Organized reporting area with approximately 50 per cent of the total population.
 (b) Reporting area.
 (c) Differing age grouping: 20-39, 40-59, 60 and over.
 (d) Differing age grouping: 15-39, 40-59, 60 and over.
 (e) Differing age grouping: 25-49, 50 and over.

TABLE IV. REPORTED CASES OF SELECTED COMMUNICABLE DISEASES BY AGE, 1968
(CONTINUED)

DISEASE AND COUNTRY	AGE GROUP IN YEARS															
	TOTAL	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	NOT STATED
TETANUS (037) CONT.																
COLOMBIA	527	256		45				93		105		28				-
CUBA	318	16	9	10	13	16	11	13	7	1	10	56	95	24	37	-
HONDURAS (a)	17	5		7				2		3						-
MEXICO	812	208	6	-	12	36	12	78	66	48	42	140	134	18	12	-
PANAMA	73	62	1	1	-	-	-	3	-	2	-	2	1	1	-	-
PARAGUAY (a)	239	164		10				17		b)		16	16	12		4
UNITED STATES	178	7		9				10	5	4	2	c)-27	37	74		3
URUGUAY	51	9	-	-	1	1	-	2	-	-	5	16	7	6	2	2
VENEZUELA (d)	373	192	2	3	13	6	7	33	24	6	7	46	31	3	-	-
BRITISH HONDURAS	3	-	-	-	-	-	-	-	1	-	-	-	2	-	-	-
PUERTO RICO	43	2	-	1	1	-	-	1	-	1	1	9	14	5	7	1
TUBERCULOSIS, ALL FORMS (010-019)																
BARBADOS	30	-	-	1	2	1	-	-	-	4	4	3	11	2	2	-
BOLIVIA (a)	2460	6	8	38	20	21	20	153	146	229	286	901	470	122	34	6
CANADA (e)	4824	219						273	146	281	f) 1441	1399	1065			-
COLOMBIA	16206	530		1937				3470		7266		3003				-
CUBA	3310	3	7	18	17	17	13	70	85	136	194	927	1214	373	228	8
GUYANA	236	1	1	5	4	9	2	13	14	24	26	61	60	12	1	3
HONDURAS (a)	2311	16		143				195		1957						-
PANAMA	1025	8	13	18	19	18	13	44	28	48	77	372	239	69	28	31
PARAGUAY (a)	1337	14		33				76		b)		622	413	175		4
TRINIDAD AND TOBAGO	199	-	-	-	-	-	-	-	4	5	4	11	19	2	3	151
UNITED STATES (e)	42623	1954						2303		3677		11485	14478	8726		-
URUGUAY	1601	8	9	10	9	12	18	54	60	100	131	514	424	159	73	20
BAHAMAS	127	-	1	1	3	3	5	25	8	10	11	43	13	3	-	1
BERMUDA	7	-	-	-	-	-	-	-	-	1	2	-	2	-	-	2
BRITISH HONDURAS	111	2	1	3	2	3	1	11	2	4	10	29	21	14	8	-
CANAL ZONE	31	-	-	-	2	-	-	1	1	-	4	7	13	2	1	-
TUBERCULOSIS, RESPIRATORY (010-012)																
BARBADOS	30	-	-	1	2	1	-	-	-	4	4	3	11	2	2	-
BOLIVIA (a)	1773	4	6	27	14	7	6	80	103	163	219	681	350	86	25	2
CANADA (e)	4070	194						238	133	248	f) 1160	1162	935			-
COLOMBIA	16206	530		1937				3470		7266		3003				-
CUBA	3230	3	6	17	16	16	13	67	83	131	191	894	1188	370	228	7
HONDURAS (a)	2232	16		140				181		1895						-
MEXICO	13800	42	84	146	110	119	127	617	587	1307	1608	5148	2879	713	313	-
PANAMA	967	7	12	18	18	18	13	36	25	45	70	355	229	67	28	26
URUGUAY	1514	6	5	7	7	11	16	52	58	98	125	488	401	151	70	19
BAHAMAS	117	-	1	1	2	3	4	25	8	9	10	37	13	3	-	1
BRITISH HONDURAS	110	2	1	3	2	3	1	11	2	4	9	29	21	14	8	-
CANAL ZONE	27	-	-	-	-	-	-	1	1	-	4	7	11	2	1	-
TYPHOID FEVER (001)																
BARBADOS	17	-	1	1	1	-	1	6	-	2	1	1	3	-	-	-

(a) Reporting area.

(b) Differing age grouping: 15-39, 40-59, 60 and over.

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

(d) Organized reporting area with approximately 50 per cent of the total population.

(e) Newly reported active cases.

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

TABLE IV. REPORTED CASES OF SELECTED COMMUNICABLE DISEASES BY AGE, 1968
(CONTINUED)

DISEASE AND COUNTRY	AGE GROUP IN YEARS														NOT STATED	
	TOTAL	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
TYPHOID FEVER (001) CONT.																
BOLIVIA (a)	87	-	1	-	2	3	-	12	11	22	11	14	8	2	-	1
CANADA (b)	93	1			1			5	7	3	c)	8	4	2		62
CHILE (b)	7091	24			308			1140	1411	1336	1090	1415	236	27		104
COLOMBIA (b)	7024	134			594			1888			2927			494		987
CUBA	968	17	15	22	21	28	27	204	187	125	83	191	39	1	3	5
ECUADOR (b)	2489	13			118			441	547	423	288	489		156		14
GUYANA (b)	543	1	2	2	6	9	9	100	115	100	65	88	36	8	1	1
HONDURAS (a)	828	20			112			168				508				20
MEXICO	2986	4	25	54	58	60	85	392	369	289	340	961	286	54	9	-
PANAMA	2	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-
PARAGUAY (a, b)	120	4			12			25	d)		59		20			-
TRINIDAD AND TOBAGO	69	1	-	-	3	2	-	10	9	12	10	15	3	-	-	4
UNITED STATES	395			49				93		58		68		100		27
URUGUAY	173	1	1	-	2	1	-	16	26	23	30	54	10	2	2	5
VENEZUELA (e)	122	-	-	4	5	4	5	25	10	11	17	25	14	-	1	1
BAHAMAS	5	-	-	1	-	1	1	-	1	-	-	-	1	-	-	-
BRITISH HONDURAS	6	-	-	-	-	-	-	-	-	1	2	1	2	-	-	-
PUERTO RICO (c)	8	-	-	1	-	-	1	1	1	-	-	4	-	-	-	-
WHOOPING COUGH (033)																
BOLIVIA (a)	977	75	107	160	134	100	99	210	62	6	6	12	4	2	-	-
CANADA	2505	88			172			163	53	4	c)	4	4	2		2015
CHILE	2011	545			856			461	106	8	7	7	2	1		18
COLOMBIA	17614	4628			8837			3838			293			18		-
CUBA	801	103	111	183	131	87	54	93	25	7	2	3	-	-	-	2
HONDURAS (a)	2581	718			1349			451				63				-
MEXICO	24014	1624	2184	3431	3503	3509	2745	6068	715	120	29	79	7	-	-	-
PANAMA	689	78	74	57	120	70	58	165	35	13	3	7	2	-	-	7
PARAGUAY (a)	803	199			367			218	d)		16		1	2		-
URUGUAY	1038	197	135	158	111	84	62	188	52	11	11	5	5	1	2	16
VENEZUELA (e)	10121	1204	1386	1657	1560	1196	805	1931	265	34	20	21	5	-	-	37
BAHAMAS	18	-	3	6	2	1	3	2	1	-	-	-	-	-	-	-
BERMUDA	3	-	-	-	-	1	-	1	-	-	-	-	-	-	-	1
BRITISH HONDURAS	90	1	5	18	15	14	8	25	1	-	-	1	-	-	-	2
YAWS (102)																
COLOMBIA	63				3			26			32			2		-

(a) Reporting area.

(b) Includes paratyphoid fever (002).

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

(d) Differing age distribution: 15-39, 40-59, 60 and over.

(e) Organized reporting area with approximately 50 per cent of the total population.

TABLE V. REPORTED CASES OF SELECTED COMMUNICABLE DISEASES BY MAJOR POLITICAL DIVISIONS OF EACH COUNTRY, 1968

COUNTRY AND MAJOR POLITICAL DIVISIONS	NUMBER	COUNTRY AND MAJOR POLITICAL DIVISIONS	NUMBER	COUNTRY AND MAJOR POLITICAL DIVISIONS	NUMBER
L E P R O S Y					
ARGENTINA	554	BRAZIL (CONT.)		COSTA RICA (CONT.)	
FEDERAL CAPITAL	5	STATE		PROVINCE	
PROVINCE		RIO DE JANEIRO	232	CARTAGO	2
BUENOS AIRES	35	RIO GRANDE DO NORTE	7	GUANACASTE	2
CATAMARCA	1	RIO GRANDE DO SUL	145	LIMON	1
CHACO	156	SANTA CATARINA	65	PUNTARENAS	7
CORDOBA	25	SÃO PAULO	1688	SAN JOSE	12
CORRIENTES	7	SERGIPE	19		
ENTRE RIOS	9	TERRITORY		CUBA	329
FORMOSA	53	AMAPA	12	PROVINCE	
LA PAMPA	1	RONDONIA	33	CAMAGUEY	53
MENDOZA	5	RORAIMA	1	LA HABANA	54
MISIONES	36			LAS VILLAS	60
SALTA	13	CANADA	3	MATANZAS	5
SAN JUAN	1	PROVINCE		ORIENTE	146
SAN LUIS	1	ALBERTA	1	PINAR DEL RIO	11
SANTA FE	169	MANITOBA	1		
TUCUMAN	36	ONTARIO	1	DOMINICAN REPUBLIC	148
TERRITORY				NATIONAL DISTRICT	140
TIERRA DEL FUEGO	1	COLOMBIA	246	PROVINCE	
		BOGOTA, SPECIAL DISTRICT	7	LA ALTAGRACIA	1
BOLIVIA (b)	49	DEPARTMENT		SAN PEDRO DE MACORIS	1
DEPARTMENT		ANTIOQUIA	63	SANTIAGO	6
BENI	17	ATLANTICO	1		
CHUQUISACA	14	BOLIVAR	2	ECUADOR (b)	200
COCHABAMBA	4	BOYACA	12		
PANDO	4	CALDAS	4	GUATEMALA (b)	107
SANTA CRUZ	10	CAUCA	31		
		CORDOBA	3	GUYANA (b)	119
BRAZIL	5568	CUNDINAMARCA	5		
FEDERAL DISTRICT	69	GUAJIRA	4	HAITI	2
STATE		HUILA	4	DEPARTMENT	
ACRE	83	MAGDALENA	1	OUEST	2
AMAZONAS	266	META	6		
BAHIA	54	NARINO	5	HONDURAS (a, b)	21
CEARA	128	NORTE DE SANTANDER	45		
ESPIRITO SANTO	153	RISARALDA	4	JAMAICA (b)	29
GOIAS	262	SANTANDER	24		
GUANABARA	230	TOLIMA	5	MEXICO	765
MARANHÃO	160	VALLE DEL CAUCA	15	FEDERAL DISTRICT	45
MATO GROSSO	176	INTENDENCY		STATE	
MINAS GERAIS	842	CADUETA	2	AGUASCALIENTES	5
PARA	290	COMMISSARY		BAJA CALIFORNIA	1
PARAIBA	16	AMAZONAS	3	CAMPECHE	1
PARANA	470			CHIAPAS	1
PERNAMBUCO	130	COSTA RICA	32	CHIHUAHUA	1
PIAUI	37	PROVINCE		COAHUILA	1
		ALAJUELA	8	COLIMA	22
				GUANAJUATO	118

(a) Reporting area.

(b) Cases not specified by major political divisions.

TABLE V. REPORTED CASES OF SELECTED COMMUNICABLE DISEASES BY MAJOR POLITICAL DIVISIONS OF EACH COUNTRY, 1968 (CONTINUED)

COUNTRY AND MAJOR POLITICAL DIVISIONS	NUMBER	COUNTRY AND MAJOR POLITICAL DIVISIONS	NUMBER	COUNTRY AND MAJOR POLITICAL DIVISIONS	NUMBER
L E P R O S Y (CONT.)					
MEXICO (CONT.)		UNITED STATES (CONT.)		VENEZUELA (CONT.)	
STATE		STATE		STATE	
GUERRERO	12	LOUISIANA	4	SUCRE	11
JALISCO	161	MARYLAND	2	TACHIRA	24
MEXICO	20	MASSACHUSETTS	1	TRUJILLO	29
MICHOACAN	90	MINNESOTA	1	YARACUY	5
MORELOS	18	NEW JERSEY	1	ZULIA	36
NAYARIT	34	NEW YORK	2	TERRITORY	
OAXACA	10	SOUTH CAROLINA	1	AMAZONAS	3
QUERETARO	12	TEXAS	40	DELTA AMACURO	1
SAN LUIS POTOSI	8				
SINALOA	139	URUGUAY	12	BAHAMAS	2
SONORA	32	DEPARTMENT		ISLAND	
TAMAULIPAS	4	ARTIGAS	3	NEW PROVIDENCE ISLAND	1
VERACRUZ	4	MONTEVIDEO	4	OUT ISLANDS	1
YUCATAN	13	PAYSANDU	2		
ZACATECAS	13	SALTO	1	DDMINICA	1
		NOT STATED	2		
NICARAGUA (a)	2	VENEZUELA (b)	334	FRENCH GUIANA	41
PANAMA (a)	1	FEDERAL DISTRICT	24	GUADELOUPE (a)	135
		STATE			
PARAGUAY (a, b)	217	ANZOATEGUI	6	MARTINIQUE (a)	27
		APURE	25		
PERU (a)	112	ARAGUA	30	PUERTO RICO	19
		BARINAS	10	MUNICIPIO	
TRINIDAD AND TOBAGO	2	BOLIVAR	13	AGUAS BUENAS	1
COUNTY		CARABOBO	22	BAYAMON	4
ST. PATRICK	2	COJEDES	2	CAROLINA	1
		FALCON	2	HORMIGUEROS	1
UNITED STATES	123	GUARICO	19	MAYAGUEZ	2
STATE		LARA	9	RIO PIEDRAS	9
CALIFORNIA	36	MERIDA	13	SAN SEBASTIAN	1
CONNECTICUT	2	MIRANDA	22		
FLORIDA	11	MONAGAS	9	ST. LUCIA (a)	5
HAWAII	20	NUEVA ESPARTA	1		
KANSAS	2	PORTUGUESA	18	SURINAM (a)	237
M A L A R I A (c)					
ARGENTINA	105	ARGENTINA (CONT.)		BRAZIL (CONT.)	
FEDERAL CAPITAL	1	PROVINCE		STATE	
PROVINCE		SALTA	66	AMAZONAS	7811
BUENOS AIRES	15	SANTA FE	1	BAHIA	3684
CATAMARCA	1			CEARA	392
CHACO	1	BOLIVIA	1998	ESPIRITO SANTO	1278
CORDOBA	4			GOIAS	6184
FORMOSA	13	BRAZIL	79357	GUANABARA	50
MISIONES	2	STATE		MARANHAO	11915
RIO NEGRO	1	ACRE	1697	MATO GROSSO	6108
		ALAGOAS	4	MINAS GERAIS	3130
				PARA	13866

(a) Cases not specified by major political divisions.

(b) Reporting area.

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

TABLE V. REPORTED CASES OF SELECTED COMMUNICABLE DISEASES BY MAJOR POLITICAL DIVISIONS OF EACH COUNTRY, 1968 (CONTINUED)

COUNTRY AND MAJOR POLITICAL DIVISIONS	NUMBER	COUNTRY AND MAJOR POLITICAL DIVISIONS	NUMBER	COUNTRY AND MAJOR POLITICAL DIVISIONS	NUMBER
M A L A R I A (CONT.)					
BRAZIL (CONT.)		COLOMBIA (CONT.)		EL SALVADOR	35831
STATE		COMMISSARY		DEPARTMENT	
PARAIBA	75	AMAZONAS	23	AHUACHAPAN	4864
PARANA	189	PUTUMAYO	172	CABANAS	445
PERNAMBUCO	116	VAUPES	14	CHALATENANGO	2222
PIAUI	4459			CUSCATLAN	1006
RIO DE JANEIRO	30	COSTA RICA	1133	LA LIBERTAD	4056
RIO GRANDE DO NORTE	133	PROVINCE		LA PAZ	2718
RIO GRANDE DO SUL	1	ALAJUELA	25	LA UNION	1533
SANTA CATARINA	7835	GUANACASTE	233	MORAZAN	362
SÃO PAULO	1007	HEREDIA	2	SAN MIGUEL	2588
SERGIPE	82	LIMON	25	SAN SALVADOR	1910
TERRITORY		PUNTARENAS	812	SAN VICENTE	1335
AMAPA	3057	SAN JOSE	36	SANTA ANA	5581
RONDONIA	3628			SONSONATE	4509
RORAIMA	2626	CUBA	a) 4	USULUTAN	2702
		PROVINCE			
CANADA	1	CAMAGUEY	1	GUATEMALA (b)	10969
PROVINCE		LA HABANA	3		
ONTARIO	1			GUYANA	61
		DOMINICAN REPUBLIC	21	COUNTY	
COLOMBIA	14328	PROVINCE		BERBICE	2
BOGOTA, SPECIAL DISTRICT	12	AZUA	2	DEMARARA	15
DEPARTMENT		DAJABON	10	ESSEQUIBO	44
ANTIOQUIA	3924	EL SEIBO	3		
BOLIVAR	69	MONTE CRISTI	2	HAITI	7030
BOYACA	84	SANCHEZ RAMIREZ	3	DEPARTMENT	
CALDAS	77	SANTIAGO	1	ARTIBONITE	684
CAUCA	429			NORD	670
CHOCO	426	ECUADOR	37475	NORD-OUEST	970
CORDOBA	592	PROVINCE		QUEST	4028
CUNDINAMARCA	93	AZUAY	40	SUD	678
EL CESAR	114	BOLIVAR	1		
GUAJIRA	51	CANAR	1124	HONDURAS	15666
HUILA	74	CHIMBORAZO	122	DEPARTMENT	
MAGDALENA	144	COTOPAXI	7	ATLANTIDA	349
META	3565	EL ORO	687	CHDLUTECA	3317
NARINO	145	ESMERALDAS	6849	COLDN	465
NORTE DE SANTANDER	281	GUAYAS	5347	COMAYAGUA	288
QUINDIO	61	IMBABURA	1	COPAN	195
RISARALDA	16	LOJA	112	CORTES	1323
SANTANDER	3505	LOS RIOS	10022	EL PARAISO	5665
SUCRE	36	MANABI	6408	FRANCISCO MORAZAN	1411
TOLIMA	184	MORONA SANTIAGO	503	GRACIAS A DIOS	278
VALLE DEL CAUCA	75	NAPO	297	INTIBUCA	61
INTENDENCY		PASTAZA	40	ISLAS DE LA BAHIA	2
ARAUCA	44	PICHINCHA	5912		
CAQUETA	117	ZAMORA-CHINCHIPE	3		
SAN ANDRES Y PROVIDENCIA	1				

(a) Imported cases.

(b) Cases not specified by major political divisions.

TABLE V. REPORTED CASES OF SELECTED COMMUNICABLE DISEASES BY MAJOR POLITICAL DIVISIONS OF EACH COUNTRY, 1968 (CONTINUED)

COUNTRY AND MAJOR POLITICAL DIVISIONS	NUMBER	COUNTRY AND MAJOR POLITICAL DIVISIONS	NUMBER	COUNTRY AND MAJOR POLITICAL DIVISIONS	NUMBER
M A L A R I A (CONT.)					
HONDURAS (CONT.)		PANAMA	1752	UNITED STATES (CONT.)	
DEPARTMENT		PROVINCE		STATE	
LA PAZ	33	BOCAS DEL TORO	3	MISSISSIPPI	13
LEMPIRA	49	CHIRIQUI	163	MISSOURI	35
OCOTEPEQUE	6	COCLE	24	MONTANA	3
OLANCHO	412	COLON	340	NEBRASKA	7
SANTA BARBARA	86	DARIEN	245	NEW HAMPSHIRE	3
VALLE	417	HERRERA	6	NEW JERSEY	105
YORO	1309	LOS SANTOS	93	NEW MEXICO	10
		PANAMA	372	NEW YORK	73
JAMAICA (a)	2	VERAGUAS	332	NORTH CAROLINA	313
		NOT STATED	174	NORTH DAKOTA	2
MEXICO	26318			OHIO	11
FEDERAL DISTRICT	86	PARAGUAY (a)	20743	OKLAHOMA	20
STATE				OREGON	18
AGUASCALIENTES	1	PERU (a)	2010	PENNSYLVANIA	190
BAJA CALIFORNIA	1			RHODE ISLAND	4
CAMPECHE	332	TRINIDAD AND TOBAGO	b) 5	SOUTH CAROLINA	15
CHIAPAS	2089	COUNTY		UTAH	1
CHIHUAHUA	324	VICTORIA	1	VIRGINIA	41
COAHUILA	36	NOT STATED	4	WASHINGTON	3
COLIMA	24			WEST VIRGINIA	2
DURANGO	202	UNITED STATES	b) 2317	WYOMING	2
GUANAJUATO	51	STATE			
GUERRERO	4057	DISTRICT OF COLUMBIA	1	VENEZUELA	b) 5735
HIDALGO	42	ALABAMA	16	FEDERAL DISTRICT	3
JALISCO	161	ALASKA	1	STATE	
MEXICO	123	ARIZONA	2	APURE	559
MICHOACAN	2741	ARKANSAS	7	BARINAS	1259
MORELOS	397	CALIFORNIA	376	BOLIVAR	306
NAYARIT	448	COLORADO	180	LARA	13
NUEVO LEON	2	CONNECTICUT	18	MERIDA	76
OAXACA	8845	DELAWARE	4	MIRANDA	1
PUEBLA	867	FLORIDA	25	PORTUGUESA	3
QUERETARO	8	GEORGIA	227	SUCRE	2
SAN LUIS POTOSI	26	HAWAII	139	TACHIRA	1495
SINALOA	2891	IDAHO	4	TRUJILLO	17
SONORA	414	ILLINOIS	64	ZULIA	299
TABASCO	417	INDIANA	20	TERRITORY	
TAMAULIPAS	1	IOWA	11	AMAZONAS	1702
TLAXCALA	1	KANSAS	65		
VERACRUZ	1613	KENTUCKY	111	BRITISH HONDURAS	39
YUCATAN	6	LOUISIANA	26	DISTRICT	
ZACATECAS	44	MAINE	7	BELIZE	1
TERRITORY		MARYLAND	40	CAYO	1
BAJA CALIFORNIA SUR	56	MASSACHUSETTS	35	COROZAL	28
QUINTANA ROO	12	MICHIGAN	50	ORANGE WALK	1
NICARAGUA (a)	7151	MINNESOTA	17		

(a) Cases not specified by major political division.

(b) Including imported cases or cases acquired outside the country: Trinidad and Tobago, 4; United States, 2305; Venezuela, 658.

TABLE V. REPORTED CASES OF SELECTED COMMUNICABLE DISEASES BY MAJOR POLITICAL DIVISIONS OF EACH COUNTRY, 1968 (CONTINUED)

COUNTRY AND MAJOR POLITICAL DIVISIONS	NUMBER	COUNTRY AND MAJOR POLITICAL DIVISIONS	NUMBER	COUNTRY AND MAJOR POLITICAL DIVISIONS	NUMBER
M A L A R I A (CONT.)					
BRITISH HONDURAS (CONT.) DISTRICT		PUERTO RICO (CONT.) MUNICIPIO		PUERTO RICO (CONT.) MUNICIPIO	
STANN CREEK	1	ARECIBO	1	PONCE	1
TOLEDO	7	BAYAMON	1	RIO GRANDE	1
CANAL ZONE	22	CAROLINA	1	RIO PIEDRAS	1
		GUAYNABO	1	SAN JUAN	2
PUERTO RICO	a) 10	HUMACAO	1		
				SURINAM (b)	1556
P L A G U E					
BOLIVIA DEPARTMENT	35	BRAZIL (CONT.) STATE		PERU (CONT.) DEPARTMENT	
CHUQUISACA	35	PERNAMBUCO	52	PIURA	45
BRAZIL STATE	285	ECUADOR PROVINCE	24	UNITED STATES STATE	3
ALAGOAS	17	CHIMBORAZO	9	ARIZONA	1
BAHIA	17	LOJA	3	COLORADO	1
CEARA	198	MANABI	12	IDAHO	1
PARAIBA	1				
		PERU	45		
S M A L L P O X					
BRAZIL FEDERAL DISTRICT	4372	BRAZIL (CONT.) STATE		BRAZIL (CONT.) STATE	
STATE	21	MATO GROSSO	19	SAO PAULO	1598
ALAGOAS	3	MINAS GERAIS	392	TERRITORY	
AMAZONAS	5	PARA	4	AMAPA	24
BAHIA	612	PARAIBA	112	RORAIMA	7
CEARA	120	PARANA	218		
ESPIRITO SANTO	157	PIAUI	9	URUGUAY	c) 2
GOIAS	321	RIO DE JANEIRO	74	DEPARTMENT	
GUANABARA	69	RIO GRANDE DO NORTE	4	RIVERA	2
MARANHAO	51	RIO GRANDE DO SUL	459		
		SANTA CATARINA	93	FRENCH GUIANA	a) 1
T Y P H U S, L O U S E - B O R N E					
BOLIVIA DEPARTMENT	22	ECUADOR (CONT.) PROVINCE		MEXICO (CONT.) STATE	
CHUQUISACA	6	AZUAY	6	MEXICO	7
COCHABAMBA	12	BOLIVAR	19	OAXACA	7
ORURO	1	CARCHI	14	SAN LUIS POTOSI	1
POTOSI	3	CHIMBORAZO	35	VERACRUZ	8
		COTOPAXI	2		
ECUADOR	82	PICHINCHA	6	PERU	80
		MEXICO	23		

(a) Imported case(s).

(c) Including 1 imported case.

(b) Cases not specified by major political division.

TABLE V. REPORTED CASES OF SELECTED COMMUNICABLE DISEASES BY MAJOR POLITICAL DIVISIONS OF EACH COUNTRY, 1968 (CONTINUED)

COUNTRY AND MAJOR POLITICAL DIVISIONS	NUMBER	COUNTRY AND MAJOR POLITICAL DIVISIONS	NUMBER	COUNTRY AND MAJOR POLITICAL DIVISIONS	NUMBER
TYPHUS, LOUSE-BORNE (CONT.)					
PERU (CONT.) DEPARTMENT ANCASH	4	PERU (CONT.) DEPARTMENT AREQUIPA CUZCO	1 4	PERU (CONT.) DEPARTMENT PUNO	71
Y A W S					
COLOMBIA DEPARTMENT ANTIOQUIA BOLIVAR CAUCA CHOCO CORDOBA NARIÑO QUINDIO RISARALDA SANTANDER SUCRE VALLE DEL CAUCA	63 7 3 1 2 1 22 1 8 3 6 6	COLOMBIA (CONT.) INTENDENCY CAQUETA COMMISSARY VAUPES DOMINICAN REPUBLIC NATIONAL DISTRICT PROVINCE DAJABON EL SEIBO PUERTO PLATA	 1 2 7 1 1 1 4	HAITI DEPARTMENT ARTIBONITE OUEST JAMAICA (a) PERU (a) VENEZUELA (b) STATE ARAGUA DOMINICA ST. LUCIA (a)	41 10 31 13 38 10 10 86 8
Y E L L O W F E V E R, J U N G L E					
BOLIVIA DEPARTMENT LA PAZ SANTA CRUZ BRAZIL STATE PARA	27 24 3 2 2	COLOMBIA DEPARTMENT BOYACA CALDAS SANTANDER GUYANA DISTRICT NORTH WEST	11 5 1 5 1 1	PERU DEPARTMENT HUANUCO JUNIN SURINAM DISTRICT SURINAME	5 4 1 1 1

(a) Cases not specified by major political division.

(b) Reporting area

TABLE VI. REPORTED CASES OF SELECTED ZOOSES IN MAN AND ANIMALS, BY COUNTRY, 1968

Disease and country	Number		Remarks on cases in animals	Disease and country	Number		Remarks on cases in animals
	Man	Animals			Man	Animals	
ANTHRAX				BRUCELLOSIS (cont.)			
Argentina	42	...		Panama	-	478	Positive reactors, bovine; animals tested 50 668.
Bolivia	a) 2	...		Paraguay	a) 4	178	Positive reactors.
Brazil	...	(50)	Number of outbreaks: bovine.	Peru	1 742	...	
Canada	-	15	Bovine	Trinidad and Tobago	1	...	
Chile	158	...		United States	218	190 228	Bovine 186 656, dogs 1, caprine 11, equine 42, ovine 2, swine 3 496, wild animals 20.
Colombia	3	30	Bovine				
Costa Rica	...	31	Bovine				
El Salvador	a) 26	106		Uruguay	3	...	
Haiti	66	...	No positive reactors in 69 animals tested.	Venezuela	a) 6	3 325	Positive reactors, bovine; animals tested 43 382.
Honduras	a) 3	...	Data for 6 months: bovine 5, equine 1.				
Mexico	24	6	Bovine 84, swine 3.	ENCEPHALITIS VIRAL			
Nicaragua	...	87		Argentina	553	...	
Panama	1	...		Bolivia	a) 3	...	
Paraguay	a) 2	...	Bovine 69, equine 4, swine 1.	Brazil	...	(20)	Number of outbreaks: equine.
Peru	a) 89	...		Canada	13	...	Low incidence, equine and swine.
United States	3	74		Chile	97	...	
Uruguay	58	...	Bovine 44, caprine 11.	Colombia	261	2	Equine
Venezuela	a) -	55		Costa Rica	-	...	
BRUCELLOSIS				Cuba	82	...	
Argentina	1 442	4 591	Positive reactors; animals tested 63 553.	Honduras	a) 6	...	
Brazil	...	(174)	Number of outbreaks: bovine 168, swine 6.	Jamaica	4	...	
Canada	19	...	Positive reactors, bovine 0.3 per cent.	Mexico	39	...	
Chile	3	...		Panamá	1	...	
Colombia	42	13 086	Bovine, caprine and swine.	Paraguay	a) 73	...	
Costa Rica	...	...	Positive reactors suspected: bovine 1 556; animals tested 21 303.	Peru	a) 83	...	
Cuba	33	12 002		United States	1 781	1 617	Equine
El Salvador	...	471	Positive reactors, bovine; animals tested 29 007.	Uruguay	31	...	
Guatemala	...	167	Positive reactors, bovine, animals tested 3 804.	Venezuela	a) 1 428	80	Equine
Guyana	-	7		HYDATIDOSIS			
Honduras	a) 3	244	Positive reactors, bovines; animals tested 29 008	Argentina	345	...	
México	1 098	378	Data for 6 months; bovine 366, caprines 10, swine 2.	Brazil	...	...
Nicaragua	...	445	Positive reactors, bovine; animals tested 19 470	Rio Grande do Sul State	...	108 589	Bovine 62 754, equine 4 428, ovine 37 715, swine 3 692.
				Canada	*	...	Present in certain regions.
				Chile	780	...	
				Peru	a) 91	...	
				United States	*	...	Present.
				Uruguay	391	...	
				LEPTOSPIROSIS			
				Barbados	1	...	Present

a) Reporting area.

TABLE VI. REPORTED CASES OF SELECTED ZONOSSES IN MAN AND ANIMALS, BY COUNTRY, 1968
(continuation)

Disease and country	Number		Remarks on cases in animals	Disease and country	Number		Remarks on cases in animals
	Man	Animals			Man	Animals	
LEPTOSPIROSIS (cont.)				RABIES (cont.)			
Brazil	b) 12	...					farm animals 21, other 6.
Canada	-	...	Present in certain regions.	Uruguay	-	c) 14	Dogs and cats.
Colombia	-	2	Swine	Venezuela	16	880	Bovine 227, cats and dogs 653.
Haiti	2	...		Grenada	-	...	Present
Mexico	15	107	Data for 6 months: bovine 51, dogs 1, swine 55.	Puerto Rico	-	22	Bovine 1, dog 1, wild animals 17, other 3.
United States	69	22 219	Bovine 12 995, dogs 7 710, equine 164, swine 1 350.	TUBERCULOSIS, BOVINE			
Venezuela	a) 1	...		Argentina	...	331	Positive reactors, bovine; animals tested 7 598
British Honduras	-	...	Sporadic cases in dogs.	Brazil	...	(42)	Number of outbreaks: bovines.
Martinique	1	...		Canada	...	...	Positive reactors, bovine 0.12 per cent.
RABIES				Colombia	...	1	Bovine.
Argentina	31	c) 2 056	Dogs and cats 1 973, farm animals 83.	Costa Rica	...	157	Positive reactors, bovine; animals tested 8 834.
Bolivia	5	c) 20	Dogs and cats 11, farm animals 9.	Cuba	...	377	
Brazil	130	c) 5 700	Dogs and cats 4 377, farm animals 1 211, other 112.	El Salvador	...	245	Positive reactors, bovine; animals tested 13 725.
Canada	-	c) 1 917	Dogs and cats 227, farm animals 445, wild animals 1 247.	Guatemala	...	29	Positive reactors, bovine; animals tested 1 024.
Chile	-	c) 68	Dogs and cats 59, farm animals 9.	Guyana	...	3	
Colombia	95	c) 2 887	Dogs and cats 2 589, farm animals 245, other 53.	Honduras	...	109	Positive reactors, bovine; animals tested 20 828.
Costa Rica	8	512	Bovine 51, dogs 440, cats 11, swine 3, other 7.	Mexico	...	41	Data for 6 months; bovine.
Cuba	1	109		Panama	...	5	Positive reactors, bovines; animals tested 9 886.
Dominican Republic	2	61		Paraguay	...	611	Slaughter houses 413, dairies 198.
Ecuador	20	244		United States	...	662	
El Salvador	a) 3	120	Bovine 47, dogs 41, cats 7, other 25.	Venezuela	...	2 903	Positive reactors, bovine; animals tested 305 937.
Guatemala	2	115	Dogs 84, cats 5, bovine 8, other 18.	British Honduras	...	...	Not frequent
Haiti	-	c) ...	Present in dogs and cats.				
Honduras	a) 3	598	Dogs 512, cats 25, unspecified 61.				
México	59	c) 1 367	Dogs and cats 1 213, farm animals 143, other 11.				
Nicaragua	3	65	Dogs 57, cats 6, monkeys 2.				
Paraguay	a) 1	144	Bovine 16, dogs 128.				
Peru	7	c) 590	Dogs and cats 563,				

a) Reporting area.

b) State of São Paulo, excluding capital city.

c) Source: World Survey of Rabies X (1968), WHO, Geneva

TABLE VII. DEATHS FROM COMMUNICABLE DISEASES, BY COUNTRY, 1968

DISEASES	ARGENTINA (a)	BARBADOS	CANADA	CHILE	DOMINICAN REPUBLIC	EL SALVADOR	JAMAICA
AMEBIASIS. 006	...	...	1	27	11	74	...
ANCYLOSTOMIASIS. 126	10	-	-	-	3	1	6
ANTHRAX. 022	7	-	-	7	-	-	-
BOTULISM 005.1	...	...	-	...	...	...	...
BRUCELLOSIS. 023	3	-	-	-	-	-	-
CHICKENPOX 052	...	-	18	30	-	11	...
DIPHTHERIA 032	84	-	6	45	79	147	8
DYSENTERY, BACILLARY . . . 004	...	...	1	2	-	-	...
ENCEPHALITIS, VIRAL 062-065,068.2	162	-	42	57	3	3	9
ERYSIPELAS 035	8	-	3	6	-	26	-
FILARIAL INFECTION 125	1	-	-	-	-	-	-
FOOD POISONING (BACTERIAL) 005	...	...	3	37	...	...	...
GONOCOCCAL INFECTIONS. . . 098	5	-	-	2	-	1	-
HEPATITIS, INFECTIOUS. . . 070	156	3	83	71	8	19	30
HYDATIDOSIS. 122	44	-	1	68	-	-	-
INFLUENZA. 470-474	537	3	785	2363	93	375	72
LEPROSY. 030	38	2	-	-	5	3	1
LEPTOSPIROSIS 100	...	3	-	-	-	...	...
MALARIA. 084	8	-	1	-	5	206	-
MEASLES. 055	1722	-	19	398	53	482	7
MENINGOCOCCAL INFECTION. . 036	54	-	24	18	5	-	-
MUMPS. 072	...	-	5	5	-	2	...
PARATYPHOID FEVER. 002	b) ...	-	-	8	b) ...	-	-
PLAGUE 020	-	-	-	-	-	-	-
POLIOMYELITIS, ACUTE . 040-043	14	-	-	21	9	15	1
RABIES 071	12	-	-	-	-	...	...
RELAPSING FEVER. 088	...	-	-	-	-	-	-
RHEUMATIC FEVER, ACTIVE 390-392	147	1	30	59	5	6	33
RICKETTSIOSIS, OTHER. 081.1-083	-	-	-	-	-	-	-
SALMONELLA INFECTIONS, OTHER 003	c) 7	-	9	11	c) 17	-	-
SCHISTOSOMIASIS. 120	1	-	-	-	-	-	-
SMALLPOX 050	-	-	-	-	-	-	-
STREPTOCOCCAL SORE THROAT AND SCARLET FEVER 034	9	-	5	6	-	-	-
SYPHILIS 090-097	294	7	78	86	94	13	62
TETANUS. 037	381	9	3	29	648	317	113
TRYPANOSOMIASIS, AMERICAN. 086	...	-	1	17	-	4	-
TUBERCULOSIS 010-019	2988	19	630	3150	315	429	74
TYPHOID FEVER. 001	49	1	2	76	63	72	7
TYPHUS, ENDEMIC FLEA- BORNE 081.0	-	-	-	1	-	-	-
TYPHUS, EPIDEMIC LOUSE- BORNE 080	-	-	-	-	-	-	-
WHOOPING COUGH 033	278	-	15	92	19	229	9
YELLOW FEVER 060	-	-	-	-	-	-	-

(a) Excluding deaths occurring in the provinces of Buenos Aires (entire year), Jujuy and Tierra del Fuego (January and February); area covered includes approximately 85 per cent of the population.

(b) Included in salmonella infections, other (003).
(c) Includes paratyphoid fever (002).

TABLE VII. DEATHS FROM COMMUNICABLE DISEASES, BY COUNTRY, 1968 (CONTINUED)

DISEASES	MEXICO	NICARAGUA	PANAMA	PARAGUAY (a)	UNITED STATES	URUGUAY	VENEZUELA
AMEBIASIS. 006	1444	...	5	...	51	...	310
ANCYLOSTOMIASIS. 126	33	-	1	22	-	-	19
ANTHRAX. 022	21	-	-	-	-	5	-
BGTULISM 005.1	...	...	...	...	...	...	...
BRUCELLOSIS. 023	82	-	-	-	1	-	-
CHICKENPOX 052	126	...	5	...	...	4	22
DIPHTHERIA 032	247	1	2	12	30	2	26
DYSENTERY, BACILLARY . . . 004	526	...	1	...	60	...	24
ENCEPHALITIS, VIRAL 062-065,068.2	71	-	4	8	355	21	19
ERYSIPELAS 035	146	8	2	-	9	-	1
FILARIAL INFECTION 125	-	-	-	-	-	-	-
FOOD POISONING (BACTERIAL) 005	126	...	1	...	10	3	8
GONOCOCCAL INFECTIONS. . . 098	6	-	-	-	1	1	-
HEPATITIS, INFECTIOUS. . . 070	547	2	9	20	877	6	72
HYDATIDOSIS. 122	1	-	-	-	6	37	1
INFLUENZA. 470-474	7739	32	55	208	7062	129	420
LEPROSY. 030	36	-	1	13	5	5	16
LEPTOSPIROSIS 100	1	...	-	...	9	-	1
MALARIA. 084	29	340	21	18	7	-	3
MEASLES. 055	10011	255	231	361	24	60	565
MENINGOCOCCAL INFECTION. . 036	88	-	8	4	741	3	12
MUMPS. 072	20	...	2	...	...	1	5
PARATYPHOID FEVER. 002	107	64	-	-	b) ...	-	-
PLAGUE 020	-	-	-	-	1	-	-
POLIOMYELITIS, ACUTE . 040-043	224	-	2	15	24	2	48
RABIES 071	59	...	-	...	1	...	17
RELAPSING FEVER. 088	3	-	-	-	1	-	-
RHEUMATIC FEVER, ACTIVE 390-392	256	-	5	18	363	10	23
RICKETTSIOSIS, OTHER. 081.1-083	47	-	-	-	24	-	-
SALMONELLA INFECTIONS, OTHER 003	956	74	2	-	c) 70	-	6
SCHISTOSOMIASIS. 120	-	-	-	-	-	-	16
SMALLPOX 050	-	-	-	-	-	-	-
STREPTOCOCCAL SORE THROAT AND SCARLET FEVER 034	177	-	-	-	28	1	6
SYPHILIS 090-097	249	1	10	41	586	56	89
TETANUS. 037	2031	392	193	182	86	19	439
TRYPANOSOMIASIS, AMERICAN. 086	1	-	12	2	-	1	406
TUBERCULOSIS 010-019	9188	111	272	290	6292	276	1186
TYPHOID FEVER. 001	1278	67	-	11	7	3	14
TYPHUS, ENDEMIC FLEA- BORNE 081.0	1	-	-	-	4	-	-
TYPHUS, EPIDEMIC LOUSE- BORNE 080	5	-	-	-	-	-	-
WHOOPING COUGH 033	5266	173	212	16	36	29	215
YELLOW FEVER 060	-	-	-	-	-	-	-

(a) Registration area with about 52 per cent of the population.

(b) Included in salmonella infections, other (003).
(c) Includes paratyphoid fever (002).

TABLE VII. DEATHS FROM COMMUNICABLE DISEASES, BY COUNTRY, 1968 (CONTINUED)

DISEASES	BERMUDA	BRITISH HONDURAS	CANAL ZONE	DOMINICA	FALKLAND ISLANDS	MARTINIQUE	ST. LUCIA
AMEBIASIS. 006	-	-	-	...	-	-	-
ANCYLOSTOMIASIS. 126	-	-	-	-	-	-	-
ANTHRAX. 022	-	-	-	-	-	-	-
BOTULISM 005.1	-	-	...	-	-	-	-
BRUCELLOSIS. 023	-	-	-	-	-	-	-
CHICKENPOX 052	-	...	-	-	-	-	-
DIPHTHERIA 032	-	-	-	-	-	8	2
DYSENTERY, BACILLARY . . . 004	-	-	-	...	-	-	-
ENCEPHALITIS, VIRAL 062-065,068.2	-	1	-	-	-	-	2
ERYSIPELAS 035	-	-	-	-	-	-	-
FILARIAL INFECTION 125	-	-	-	-	-	-	-
FOOD POISONING (BACTERIAL) 005	-	-	...	-	-	-	-
GONOCOCCAL INFECTIONS. . . 098	-	-	-	-	-	-	-
HEPATITIS, INFECTIOUS. . . 070	-	-	-	-	-	-	1
HYDATIDOSIS. 122	-	-	-	-	-	-	-
INFLUENZA. 470-474	1	-	-	-	-	11	-
LEPROSY. 030	-	-	-	-	-	8	-
LEPTOSPIROSIS 100	...	-	-	-	-	-	-
MALARIA. 084	-	-	-	-	-	-	-
MEASLES. 055	-	-	-	-	-	-	-
MENINGOCOCCAL INFECTION. . 036	-	1	-	3	-	21	-
MUMPS. 072	-	...	-	-	-	-	-
PARATYPHOID FEVER. 002	-	a) ...	-	-	-	-	-
PLAGUE 020	-	-	-	-	-	-	-
POLIOMYELITIS, ACUTE . 040-043	-	-	-	-	-	-	-
RABIES 071	-	...	-	-	-	-	-
RELAPSING FEVER. 088	-	-	-	-	-	-	-
RHEUMATIC FEVER, ACTIVE 390-392	2	1	-	-	-	19	-
RICKETTSIOSIS, OTHER. 081.1-083	-	-	-	-	-	-	-
SALMONELLA INFECTIONS, OTHER 003	-	b) 3	-	-	-	-	-
SCHISTOSOMIASIS. 120	-	-	-	-	-	-	-
SMALLPOX 050	-	-	-	-	-	-	-
STREPTOCOCCAL SORE THROAT AND SCARLET FEVER 034	-	-	-	-	-	5	-
SYPHILIS 090-097	2	-	1	-	-	3	2
TETANUS. 037	1	4	-	8	-	-	6
TRYPANOSOMIASIS, AMERICAN. 086	-	-	-	-	-	-	-
TUBERCULOSIS 010-019	-	7	-	9	-	46	12
TYPHOID FEVER. 001	-	1	-	2	-	3	2
TYPHUS, ENDEMIC FLEA- BORNE 081.0	-	-	-	-	-	-	-
TYPHUS, EPIDEMIC LOUSE- BORNE 080	-	-	-	-	-	-	-
WHOOPING COUGH 033	-	-	-	-	-	-	7
YELLOW FEVER 060	-	-	-	-	-	-	-

(a) Included in salmonella infections, other (003).

(b) Includes paratyphoid fever (002).

TABLE VIII-A. REPORTED CASES AND DEATHS FROM COMMUNICABLE DISEASES IN THE THREE REGIONS OF THE AMERICAS, 1967 AND 1968

DISEASES	NORTHERN AMERICA				MIDDLE AMERICA				SOUTH AMERICA				
	CASES		DEATHS		CASES		DEATHS		CASES		DEATHS		
	1967	1968	1967	1968	1967	1968	1967	1968	1967	1968	1967	1968	
AMEBIASIS	006	3204	3029	66	52	60166	30208	1252	1534	22586	22034	* 373	* 337
ANCYLOSTOMIASIS	126	a)3303	a)2294	2	-	27779	28054	68	44	*26487	19558	662	52
ANTHRAX	022	2	3	-	-	116	120	2	21	435	354	13	19
BOTULISM	005.1	6	9	4	...	4	...	-	...	* 11	5	-	...
BRUCELLOSIS	023	a) 308	a) 237	4	1	1518	1135	71	82	3998	3242	38	3
CHICKENPOX	052	116603	112685	131	* 18	52773	39678	148	142	70469	70274	126	* 56
DENGUE	061	...	...	...	...	7	409	...	...	* 1333	386	...	...
DIPHTHERIA	032	260	321	32	36	2139	1458	432	494	3297	6898	615	173
DYSENTERY, BACILLARY	004	14967	13740	63	61	6085	6349	544	527	8042	19946	* 172	* 26
ENCEPHALITIS, VIRAL	062-065,068.2	1492	1794	455	397	144	138	217	93	1327	2530	531	267
ERYSIPELAS	035	a) 126	a) 106	19	12	3656	1082	184	182	* 860	* 768	123	15
FILARIAL INFECTION	125	...	...	1	-	4694	225	1	-	* 40	* 55	2	1
FOOD POISONING (BACTERIAL)	005	* 473	a)2332	21	13	1928	3485	141	127	* 5079	5416	* 113	* 48
GONOCOCCAL INFECTIONS	098	427409	487299	11	1	77518	96179	7	7	89843	90268	26	8
HEMORRHAGIC FEVER	067	...	...	...	...	-	-	...	...	* 1082	* 166	...	...
HEPATITIS, INFECTIOUS	070	47135	57259	920	960	19949	27431	671	619	15714	15152	622	338
HYDATIDOSIS	122	...	...	10	7	1	-	-	1	1544	1535	209	150
INFLUENZA	470-474	...	* 60	1738	7848	192224	424887	4698	8380	285971	377185	8912	3672
LEISHMANIASIS	085	...	...	...	...	299	115	...	...	2644	4280	...	...
LEPROSY	030	84	126	4	5	1730	1627	49	56	7771	7689	186	72
LEPTOSPIROSIS	100	67	69	5	9	* 12	19	10	4	* 10	1	* 1	* 1
MALARIA	084	2032	2318	4	8	168172	105953	348	601	192085	163368	1346	29
MEASLES	055	62711	22233	126	43	94514	90184	7480	11039	140256	197438	6835	3112
MENINGOCOCCAL INFECTION	036	2266	2720	673	765	224	239	77	126	1400	1331	123	92
MUMPS	072	a) 185764	a) 152219	41	* 5	23455	31592	12	24	41808	35886	* 37	* 11
PARATYPHOID FEVER (b)	002	...	...	1	...	2860	1735	184	171	* 312	* 46	25	* 8
PLAGUE	020	3	3	1	1	-	-	-	-	220	389	23	-
POLIOMYELITIS, ACUTE	040-043	43	53	16	24	1629	1173	279	251	1873	3055	330	104
PSITTACOSIS	073	45	50	...	...	-	-	...	...	* 3	8	...	...
RABIES	071	3	1	3	1	96	103	92	59	237	306	125	* 29
RELAPSING FEVER	088	a) 5	a) 7	-	1	-	-	1	3	78	-	* 7	-
RHEUMATIC FEVER, ACTIVE	390-392	a)3987	a)3475	403	395	2696	4230	281	326	* 2336	1933	494	266
RICKETTSIOSIS, OTHER	081.1-083	306	298	29	24	...	...	83	47	...	11	641	-
SALMONELLA INFECTIONS, OTHER (b)	003	20422	18714	67	79	7007	6873	1015	1052	* 189	4622	954	24
SCHISTOSOMIASIS	120	a) 264	a) 249	5	-	49	37	1	-	* 2030	* 1068	24	17
SMALLPOX	050	-	-	-	-	-	-	-	-	4537	4375	c) 107	d) 38
STREPTOCOCCAL SORE THROAT AND SCARLET FEVER	034	473478	448419	51	33	7241	13576	136	182	66414	63601	311	22
SYPHILIS	090-097	104966	98533	2450	666	36849	44945	625	442	45616	25908	975	588
TETANUS	037	276	188	150	90	3829	3257	3860	3721	2901	5659	4625	1079
TRACHOMA, ACTIVE	076	a) 561	a) 455	...	...	14	39	...	...	411	420	...	...
TRICHINIASIS	124	74	91	...	...	-	2	...	...	68	87	...	...
TRYPANOSOMIASIS, AMERICAN	086	...	a) 1	1	-	640	261	12	17	3933	3380	* 443	427
TUBERCULOSIS	010-019	50261	47454	7559	6922	40266	38670	11780	10482	73562	110524	17974	8240
TULAREMIA	021	195	198	...	...	-	-	...	...	...	...	...	...
TYPHOID FEVER (b)	001	521	489	13	9	10618	8511	1559	1496	23382	28279	1229	155
TYPHUS, ENDEMIC FLEA-BORNE	081.0	52	36	-	4	39	29	3	1	166	104	1	1
TYPHUS, EPIDEMIC LOUSE-BORNE	080	-	-	-	-	77	23	2	5	490	184	-	-
WHOOPING COUGH	033	14674	7318	52	51	63807	42462	5933	5915	79394	89296	10231	635
YAWS	102	...	...	...	...	259	155	...	...	* 107	111	...	...
YELLOW FEVER	060	-	-	-	-	-	-	-	-	12	47	e) 37	-

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

(a) Including incomplete data for the United States.

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

(c) Brazil 70; Colombia 7 all without laboratory confirmation; Ecuador 30.

(d) All correspond to Brazil.

(e) Peru 32, 30 without medical certification; Colombia 5.

TABLE VIII-B. REPORTED CASES AND DEATHS FROM COMMUNICABLE DISEASES PER 100,000 POPULATION
IN THE THREE REGIONS OF THE AMERICAS, 1967 AND 1968

DISEASES	NORTHERN AMERICA				MIDDLE AMERICA				SOUTH AMERICA			
	CASES		DEATHS		CASES		DEATHS		CASES		DEATHS	
	1967	1968	1967	1968	1967	1968	1967	1968	1967	1968	1967	1968
AMEBIASIS. 006	1.5	1.4	0.0	0.0	84.7	39.0	2.2	2.7	47.0	39.4	* 1.2	* 2.1
ANCYLOSTOMIASIS. 126	...	...	0.0	-	41.8	44.1	0.1	0.1	* 87.2	49.5	0.8	0.0
ANTHRAX. 022	0.0	0.0	-	-	0.1	0.2	0.0	0.0	0.6	0.4	0.0	0.0
BOTULISM 005.1	0.0	0.0	0.0	...	0.0	...	-	...	* 0.0	0.0	-	...
BRUCELLOSIS. 023	0.1	0.1	0.0	0.0	2.4	1.6	0.1	0.1	5.8	4.1	0.0	0.0
CHICKENPOX 052	...	...	0.1	* 0.1	67.4	52.3	0.3	0.2	101.3	89.0	0.3	* 0.3
DENGUE 061	...	...	...	...	0.0	0.7	...	...	* 4.4	0.9	...	...
DIPHTHERIA 032	0.1	0.1	0.0	0.0	2.6	1.7	0.6	0.8	4.4	4.0	0.7	0.1
DYSENTERY, BACILLARY 004	6.9	6.2	0.0	0.0	9.1	8.4	1.0	0.9	16.2	42.2	* 0.5	* 0.1
ENCEPHALITIS, VIRAL. 062-065,068.2	0.7	0.8	0.2	0.2	0.2	0.2	0.4	0.2	1.8	3.2	0.6	0.2
ERYSIPELAS 035	...	...	0.0	0.0	5.6	1.8	0.3	0.3	* 4.7	* 3.6	0.2	0.0
FILARIAL INFECTION 125	...	...	0.0	-	8.4	0.4	0.0	-	* 0.6	* 0.6	0.0	0.0
FOOD POISONING (BACTERIAL) 005	* 2.3	...	0.0	0.0	2.6	5.4	0.2	0.3	* 15.2	14.9	* 0.4	* 0.2
GONOCOCCAL INFECTIONS. 098	195.7	219.5	0.0	0.0	105.3	113.8	0.0	0.0	150.3	121.0	0.0	0.0
HEMORRHAGIC FEVER. 067	...	...	...	...	-	-	...	...	* 3.7	* 0.5	...	...
HEPATITIS, INFECTIOUS. 070	21.6	25.8	0.4	0.4	28.4	32.5	1.1	1.0	31.2	25.6	0.8	0.3
HYDATIDOSIS. 122	...	...	0.0	0.0	0.0	-	-	0.0	3.8	3.0	0.3	0.1
INFLUENZA. 470-474	...	*120.0	0.8	3.5	258.3	553.1	6.9	13.8	410.8	477.7	10.8	2.9
LEISHMANIASIS. 085	...	...	...	...	0.4	0.2	...	...	7.0	6.5	...	...
LEPROSY. 030	0.0	0.1	0.0	0.0	2.1	2.0	0.1	0.1	4.9	4.4	0.2	0.1
LEPTOSPIROSIS. 100	0.0	0.0	0.0	0.0	* 0.1	0.0	0.0	0.0	* 0.0	0.0	* 0.0	* 0.0
MALARIA. 084	0.9	1.0	0.0	0.0	200.3	122.8	0.5	1.0	110.3	90.8	1.6	0.0
MEASLES. 055	31.7	11.0	0.1	0.0	117.2	106.1	11.0	18.2	201.5	118.1	8.3	2.5
MENINGOCOCCAL INFECTION. 036	1.0	1.2	0.3	0.3	0.3	0.3	0.1	0.2	2.0	1.7	0.1	0.1
MUMPS. 072	...	75.7	0.0	* 0.0	29.9	40.6	0.0	0.0	83.0	60.7	* 0.1	* 0.1
PARATYPHOID FEVER (a) 002	...	...	0.0	...	3.9	2.3	0.3	0.3	* 3.3	* 0.9	0.1	* 0.0
PLAGUE 020	0.0	0.0	0.0	0.0	-	-	-	-	0.1	0.2	0.0	-
POLIOMYELITIS, ACUTE 040-043	0.0	0.0	0.0	0.0	2.0	1.4	0.4	0.4	2.5	1.8	0.4	0.1
PSITTACOSIS. 073	0.0	0.0	...	...	-	-	...	...	* 0.0	* 0.0	...	...
RABIES 071	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.1	0.3	0.2	0.2	* 0.1
RELAPSING FEVER. 088	...	...	-	0.0	-	-	0.0	0.0	0.1	-	* 0.0	-
RHEUMATIC FEVER, ACTIVE. 390-392	...	...	0.2	0.2	4.1	6.6	0.5	0.5	* 7.0	4.6	0.6	0.2
RICKETTSIOSIS, OTHER 081.1-083	0.1	0.1	0.0	0.0	...	...	0.1	0.1	...	0.0	0.8	-
SALMONELLA INFECTIONS, OTHER (c) 003	9.4	8.4	0.0	0.0	12.1	11.5	1.7	1.7	* 1.5	11.2	1.2	0.1
SCHISTOSOMIASIS. 120	...	...	0.0	-	0.1	0.1	0.0	-	* 21.9	* 12.3	0.0	0.0
SMALLPOX 050	-	-	-	-	-	-	-	-	2.6	2.4	0.1	0.0
STREPTOCOCCAL SORE THROAT AND SCARLET FEVER. 034	216.8	202.0	0.0	0.0	9.6	20.2	0.2	0.3	106.0	80.6	0.4	0.0
SYPHILIS 090-097	48.1	44.4	1.1	0.3	47.0	53.0	0.9	0.7	66.2	40.4	1.2	0.5
TETANUS. 037	0.1	0.1	0.1	0.0	4.8	3.8	6.4	6.1	4.3	3.4	5.7	0.9
TRACHOMA, ACTIVE 076	...	...	...	...	0.0	0.1	...	...	0.8	0.7	...	...
TRICHINIASIS 124	0.0	0.0	...	...	-	0.0	...	...	0.2	0.2	...	...
TRYPANOSOMIASIS, AMERICAN. 086	...	...	0.0	-	0.9	0.4	0.0	0.0	10.7	6.9	* 2.3	0.4
TUBERCULOSIS 010-019	23.0	21.4	3.5	3.1	48.6	45.3	17.4	17.3	110.9	67.4	22.0	6.5
TULAREMIA. 021	0.1	0.1	...	...	-	-	...	...	...	...	...	...
TYPHOID FEVER (a) 001	0.2	0.2	0.0	0.0	12.8	10.0	2.3	2.5	31.0	16.3	1.5	0.1
TYPHUS, ENDEMIC FLEA-BORNE 081.0	0.0	0.0	-	0.0	0.1	0.0	0.0	0.0	0.2	0.1	0.0	0.0
TYPHUS, EPIDEMIC LOUSE-BORNE 080	-	-	-	-	0.1	0.0	0.0	0.0	0.3	0.1	-	-
WHOOPING COUGH 033	6.7	3.3	0.0	0.0	77.4	50.2	8.7	9.8	114.1	113.1	12.4	0.5
YAWS 102	...	...	...	...	0.3	0.2	...	...	* 0.3	0.2	...	...
YELLOW FEVER 060	-	-	-	-	-	-	-	-	0.0	0.0	0.0	-

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

(a) Data of paratyphoid fever for some countries are included in those of typhoid fever or in those of other salmonella infections.

APPENDIX

TABLE A. ESTIMATED MIDYEAR POPULATION, BY COUNTRY, 1968

COUNTRY	POPULATION	TERRITORY	POPULATION
ARGENTINA	23 617 000	ANTIGUA	62 000
BARBADOS	252 000	BAHAMAS	177 000
BOLIVIA	4 680 000	BERMUDA	50 000
BRAZIL	88 209 000	BRITISH HONDURAS	116 000
CANADA	20 772 000	CANAL ZONE	56 000
CHILE	9 351 000	CAYMAN ISLANDS	9 000
COLOMBIA	19 825 000	DOMINICA	72 000
COSTA RICA	1 634 000	FALKLAND ISLANDS	2 000
CUBA	8 074 000	FRENCH GUIANA	40 000
DOMINICAN REPUBLIC	4 029 000	GRENADA	103 000
ECUADOR	5 695 000	GUADELOUPE	318 000
EL SALVADOR	3 266 000	MARTINIQUE	326 000
GUATEMALA	4 864 000	MONTserrat	15 000
GUYANA	719 000	NETHERLANDS ANTILLES	215 000
HAITI	4 671 000	PUERTO RICO	2 723 000
HONDURAS	2 413 000	ST. KITTS-NEVIS-ANGUILLA	56 000
JAMAICA	1 913 000	ST. LUCIA	108 000
MEXICO	47 267 000	ST. PIERRE AND MIQUELON	5 000
NICARAGUA	1 842 000	ST. VINCENT	93 000
PANAMA	1 372 000	SURINAM	375 000
PARAGUAY	2 231 000	TURKS AND CAICOS ISLANDS	6 000
PERU	12 772 000	VIRGIN ISLANDS (UK)	9 000
TRINIDAD AND TOBAGO	1 021 000	VIRGIN ISLANDS (US)	58 000
UNITED STATES	201 152 000		
URUGUAY	2 818 000		
VENEZUELA	9 686 000		

Source: United Nations, Monthly Bulletin of Statistics, October 1970; Demographic Yearbook, 1968

TABLE B. ESTIMATED POPULATION OF REPORTING AREAS IN FIVE COUNTRIES, 1968

COUNTRY	POPULATION	COUNTRY	POPULATION
BOLIVIA	1 969 000	PARAGUAY	1 159 000
EL SALVADOR	2 702 000	VENEZUELA	6 685 000
HONDURAS	1 627 000		

TABLE C. REPORTED CASES OF COMMUNICABLE DISEASES IN BRAZIL, BY REGIONS AND STATES, 1968

Regions and States	Diphtheria	Leprosy	Malaria	Measles	Plague	Polio-myelitis	Rabies	Small-pox	Tetanus	Tuber-culosis	Typhoid fever	Yellow fever
Total	4 439	5 568	79 357	36 220	285	1 585	130	4 372	3 097	39 813	2 416	2
North	156	685	32 685	186	-	224	12	40	115	3 434	17	2
Rondonia	-	33	3 628	-	-	-	-	-	-	61	-	-
Acre	1	83	1 697	4	-	-	-	-	...	123	-	-
Amazonas	147	266	7 811	123	-	1	3	5	...	660	10	-
Roraima	-	1	2 628	...	-	-	-	7	...	26	-	-
Pará	7	290	13 866	59	-	219	9	4	110	2 452	4	2
Amapá	1	12	3 057	-	-	4	-	24	5	112	3	-
Northeast	789	551	20 860	5 501	285	155	35	911	972	11 212	821	-
Maranhão	17	160	11 915	701	-	5	-	51	62	586	39	-
Piauí	35	37	4 459	560	-	19	2	9	26	901	140	-
Ceará	46	128	3 92	920	198	57	4	120	14	1 091	37	-
Rio Grande do Norte	79	7	133	220	-	6	1	4	90	851	151	-
Paraíba	203	16	75	1 337	1	13	3	112	70	751	83	-
Pernambuco	255	130	116	1 170	52	35	11	-	363	3 759	151	-
Alagoas	a) 62	...	4	a) 233	17	a) 10	a) 3	3	a) 79	a) 604	a) 33	-
Fernando de Noronha	-	-	...	...	-	-	-	-	...	...	...	-
Sergipe	15	19	82	221	-	1	6	-	12	399	29	-
Bahia	77	54	3 684	139	17	9	5	612	256	2 270	158	-
Southeast	1 669	3 145	5 495	13 567	-	649	61	2 290	1 444	17 951	660	-
Minas Gerais	515	842	3 130	7 818	-	184	12	392	141	2 733	220	-
Espírito Santo	26	153	1 278	17	-	6	1	157	36	765	14	-
Rio de Janeiro	431	232	30	781	-	189	7	74	414	2 225	107	-
Guanabara	463	230	50	570	-	134	13	69	294	4 496	177	-
São Paulo	234	1 688	1 007	4 381	-	136	28	1 598	559	7 732	142	-
South	1 617	680	8 025	10 551	-	469	21	770	461	5 383	862	-
Paraná	512	470	189	5 364	-	158	10	218	180	2 132	150	-
Santa Catarina	256	65	7 835	890	-	25	1	93	14	828	331	-
Rio Grande do Sul	849	145	1	4 297	-	236	10	459	267	2 423	381	-
West Central	208	507	12 292	6 415	-	88	1	361	105	1 833	56	-
Mato Grosso	63	176	6 108	2 409	-	6	-	19	...	489	26	-
Goiás	133	262	6 184	2 620	-	48	...	321	96	619	18	-
Distrito Federal	12	69	...	1 386	-	34	1	21	9	725	12	-

a) Data for the capital city only.

TABLE D. REPORTED CASES OF COMMUNICABLE DISEASES PER 100,000 POPULATION IN BRAZIL, BY REGIONS AND STATES, 1968

Regions and States	Diphtheria	Leprosy	Malaria	Measles	Plague	Polio-myelitis	Rabies	Small-pox	Tetanus	Tuber-culosis	Typhoid fever	Yellow fever
Total	5.0	6.2	88.8	40.5	0.3	1.8	0.1	4.9	3.5	44.5	2.7	0.0
North	4.7	20.8	992.0	5.6	-	6.8	0.4	1.2	3.5	104.2	0.5	0.1
Rondônia	-	28.9	3182.4	-	-	-	-	-	-	53.5	-	-
Acre	0.5	41.1	840.1	2.0	-	-	-	-	...	60.9	-	-
Amazonas	16.3	29.5	865.0	13.6	-	0.1	0.3	0.6	...	73.1	1.1	-
Roraima	-	2.4	6404.9	...	-	-	-	17.1	...	63.4	-	-
Pará	0.4	15.0	718.8	3.1	-	11.4	0.5	0.2	5.7	127.1	0.2	0.1
Amapá	0.9	11.3	2884.0	-	-	3.8	-	22.6	4.7	105.7	2.8	-
Northeast	3.0	2.1	79.8	21.0	1.1	0.6	0.1	3.5	3.7	42.9	3.1	-
Maranhão	0.5	4.6	344.3	20.3	-	0.1	-	1.5	1.8	16.9	1.1	-
Piauí	2.5	2.6	315.3	39.6	-	1.3	0.1	0.6	1.8	63.7	9.9	-
Ceará	1.2	3.3	10.2	24.0	5.2	1.5	0.1	3.1	0.4	28.4	1.0	-
Rio Grande do Norte	6.1	0.5	10.3	17.0	-	0.5	0.1	0.3	7.0	65.9	11.7	-
Paraíba	9.0	0.7	3.3	59.3	0.0	0.6	0.1	5.0	3.1	33.3	3.7	-
Pernambuco	5.4	2.7	2.5	24.7	1.1	0.7	0.2	-	7.7	79.5	3.2	-
Alagoas	a) 28.1	...	0.3	a) 105.4	1.2	a) 4.5	a) 1.4	0.2	a) 35.7	a) 273.3	a) 14.9	-
Fernando de Noronha	...	...	...	...	-	...	...	...	...	...	...	-
Sergipe	1.8	2.2	9.6	26.0	-	0.1	0.7	-	1.4	46.9	3.4	-
Bahia	1.1	0.8	53.3	2.0	0.2	0.1	0.1	8.9	3.7	32.8	2.3	-
Southeast	4.3	8.1	14.1	34.8	-	1.7	0.2	5.9	3.7	46.1	1.7	-
Minas Gerais	4.2	6.9	25.6	64.0	-	1.5	0.1	3.2	1.2	22.4	1.6	-
Espírito Santo	1.7	10.3	85.7	1.1	-	0.4	0.1	10.5	2.4	51.3	0.9	-
Rio de Janeiro	9.6	5.1	0.7	17.3	-	4.2	0.2	1.6	9.2	49.4	2.4	-
Guanabara	11.2	5.6	1.2	13.8	-	3.2	0.3	1.7	7.1	108.8	4.3	-
São Paulo	1.4	10.2	6.1	26.4	-	0.8	0.2	9.6	3.4	46.5	0.9	-
South	9.8	4.1	48.7	64.0	-	2.8	0.1	4.7	2.8	32.6	5.2	-
Paraná	7.1	6.5	2.6	74.3	-	2.2	0.1	3.0	2.5	29.5	2.1	-
Santa Catarina	9.5	2.4	289.5	32.9	-	0.9	0.0	3.4	0.5	30.6	12.2	-
Rio Grande do Sul	12.9	2.2	0.0	65.5	-	4.3	0.1	7.0	4.1	36.9	5.8	-
West Central	4.7	11.3	274.9	143.4	-	2.0	0.0	8.1	2.3	41.0	1.3	-
Mato Grosso	4.6	12.9	447.8	176.6	-	0.4	-	1.4	...	35.9	1.9	-
Goiás	4.8	9.5	224.1	94.9	-	1.7	...	11.6	3.5	22.4	0.7	-
Distrito Federal	3.4	19.8	...	398.3	-	9.8	0.3	6.0	2.6	208.3	3.4	-

a) Data for the capital city only.

INDEX

- Amebiasis, cases, 23
 by age, 40
 by month, 35
 by region, 58, 59
 deaths, 55-57
 by region, 58, 59
- Ancylostomiasis, cases, 23
 by region, 58, 59
 deaths, 55-57
 by region, 58, 59
- Anthrax, cases, 23, 53
 by region, 58, 59
 cases in animals, 53
 deaths, 55-57
 by region, 58, 59
- Botulism, cases, by region, 58, 59
 deaths, 55-57
 by region, 58, 59
- Brucellosis, cases, 24, 53
 by region, 58, 59
 cases in animals, 53
 deaths, 55-57
 by region, 58, 59
- Cases of communicable diseases, 23-34
 by age, 40-46
 by month, 35-39
 by political divisions, 47-52
 by region, 58, 59
 in Brazil,
 by regions and states, 61, 62
- Chagas' disease (see trypanosomiasis)
- Chickenpox, cases, by region, 58, 59
 deaths, 55-57
 by region, 58, 59
- Deaths from communicable diseases, 55-57
 by region, 58, 59
- Dengue, cases, 33
 by region, 58, 59
- Diphtheria, cases, 24
 by age, 40
 by month, 35, 36
 by region, 58, 59
 deaths, 55-57
 by region, 58, 59
- Dysentery, amebic (see amebiasis)
- Dysentery, bacillary, cases, 24
 by age, 40
 by region, 58, 59
 deaths, 55-57
 by region, 58, 59
- Encephalitis, viral, cases, 25, 53
 by age, 40, 41
 by region, 58, 59
 cases in animals, 53
 deaths, 55-57
 by region, 58, 59
- Enteric infections (see names of specific infections)
- Erysipelas, cases, by region, 58, 59
 deaths, 55-57
 by region, 58, 59
- Filarial infection, cases, 33
 by region, 58, 59
 deaths, 55-57
 by region, 58, 59
- Food poisoning, cases, by region, 58, 59
 deaths, 55-57
 by region, 58, 59
- Gonococcal infections, cases, 25
 by age, 41
 by region, 58, 59
 deaths, 55-57
 by region, 58, 59
- Hepatitis, infectious, cases, 25
 by age, 41
 by month, 36
 by region, 58, 59
 deaths, 55-57
 by region, 58, 59
- Hydatidosis, cases, 33, 53
 by region, 58, 59
 cases in animals, 53
 deaths, 55-57
 by region, 58, 59
- Influenza, cases, 13-16, 26
 by age, 41, 42
 by region, 13, 58, 59
 deaths, 13-16, 55-57
 by age, 13-15
 by region, 58, 59
- International Health Regulations, new, 12
- Leishmaniasis, cases, 33
 by region, 58, 59
- Leprosy, cases, 26
 by age, 42
 by political divisions, 47, 48
 by region, 58, 59
 deaths, 55-57
 by region, 58, 59
- Leptospirosis, cases, 33, 53, 54
 by region, 58, 59
 cases in animals, 53, 54
 deaths, 55-57
 by region, 58, 59
- Malaria, cases, 16-19, 26
 by age, 42
 by month, 36, 37
 by political divisions, 48-51
 by region, 58, 59
 deaths, 19, 55-57
 by region, 58, 59
 eradication,
 status of, 16, 17, 19
- Measles, cases, 27
 by age, 42, 43
 by month, 37
 by region, 58, 59
 deaths, 55-57
 by region, 58, 59
- Meningococcal infection, cases, 27
 by age, 43
 by region, 58, 59
 deaths, 55-57
 by region, 58, 59
- Mumps, cases, 58, 59
 by age, 43
 by region, 58, 59
 deaths, 55-57
 by region, 58, 59

INDEX

- Paratyphoid fever, cases, 27
 by region, 58, 59
 deaths, 55-57
 by region, 58, 59
- Plague, cases, 4-6, 28
 by political divisions, 5, 6, 51
 by region, 58, 59
 deaths, 55-57
 by region, 58, 59
- Poliomyelitis, acute, cases, 19-21, 28
 by age, 43, 44
 by month, 38
 by region, 19, 58, 59
 deaths, 55-57
 by region, 58, 59
 vaccinations,
 by country, 21
- Population, countries and territories, 60
 reporting areas, 60
- Psittacosis, cases, 33
 by region, 58, 59
- Quarantinable diseases, 4-11
 (see also names of specific diseases)
- Rabies, cases, 28, 54
 by region, 58, 59
 cases in animals, 54
 deaths, 55-57
 by region, 58, 59
- Regulations, diseases subject to, 12
 (see also names of specific diseases)
- Relapsing fever, cases, 6, 29
 by region, 58, 59
 deaths, 55-57
 by region, 58, 59
- Reporting areas, 3
 population number, 60
 percent, 3
- Rheumatic fever, cases, by region, 58, 59
 deaths, 55-57
 by region, 58, 59
- Rickettsioses, other, cases, by region, 58, 59
 deaths, 55-57
 by region, 58, 59
- Salmonella infections, cases, by region, 58, 59
 deaths, 55-57
 by region, 58, 59
- Schistosomiasis, cases, 33
 by region, 58, 59
 deaths, 55-57
 by region, 58, 59
- Smallpox, cases, 4, 6-9, 29
 by political divisions, 8, 51
 by region, 58, 59
 deaths, 55-57
 by region, 58, 59
 vaccinations, 6-9
- Streptococcal sore throat and scarlet fever
 cases, 29
 by region, 58, 59
 deaths, 55-57
 by region, 58, 59
- Surveillance, international, 12
 diseases, under 12
 (see also names of specific diseases)
- Syphilis, all forms, cases, 30
 by age, 44
 by region, 58, 59
- Syphilis, all forms, cases (cont.)
 deaths, 55-57
 by region, 58, 59
- Syphilis, congenital, cases
 by age, 44
- Syphilis, early, cases
 by age, 44
- Tetanus, cases, 30
 by age, 44, 45
 by region, 58, 59
 deaths, 55-57
 by region, 58, 59
- Trachoma, active, cases, 30
 by region, 58, 59
- Trichiniasis, cases, 33
 by region, 58, 59
- Trypanosomiasis, cases, 33
 by region, 58, 59
 deaths, 55-57
 by region, 58, 59
- Tuberculosis, all forms, cases, 31
 by age, 45
 by region, 58, 59
 cases in animals (bovine), 54
 deaths, 55-57
 by region, 58, 59
- Tuberculosis, respiratory, cases,
 by age, 45
- Tularemia, cases, 33
 by region, 58, 59
- Typhoid fever, cases, 31
 by age, 45, 46
 by month, 38, 39
 by region, 58, 59
 deaths, 55-57
 by region, 58, 59
- Typhus, flea-borne, cases, 34
 by region, 58, 59
 deaths, 55-57
 by region, 58, 59
- Typhus, louse-borne, cases, 4, 9, 10, 31
 by political divisions, 51, 52
 by region, 58, 59
 deaths, 55-57
 by region, 58, 59
- Undulant fever (see brucellosis)
- Whooping cough, cases, 32
 by age, 46
 by month, 39
 by region, 58, 59
 deaths, 55-57
 by region, 58, 59
- Yaws, cases, 32
 by age, 46
 by political divisions, 52
 by region, 58, 59
- Yellow fever, jungle, cases, 4, 10, 11, 32
 by political divisions, 10, 11, 52
 by region, 58, 59
 deaths, 55-57
 by region, 58, 59
- Zoonoses, 53, 54
 (see also names of specific diseases)