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NOTES ON MORTALITY FROM SYPHILIS.

Report on 1,183 Autopsies at the Central Islip State Hospital, Long Island, N. Y.

Mortality statistics for syphilis seem to have remained far behind the present knowledge of syphilis. The Mortality Statistics of the Bureau of the Census for 1920, lists only 7,969 deaths from syphilis in the entire registration area. The United States Public Health Service is seeking some basis for preparing a more nearly accurate statement of the deaths which may properly be ascribed to this disease. From pathologists in particular the Division of Venereal Diseases is requesting estimates and results of autopsies demonstrating syphilis as a cause of death.

Data already made available include the series here presented of 1,183 autopsies, furnished by Dr. G. A. Smith, superintendent, and Dr. Robert King, pathologist, of the Central Islip State Hospital, Long Island, N. Y.

Syphilis appears as a primary, or important contributory, cause of death in 27 per cent of all cases which came to autopsy at the Central Islip Hospital, and as a contributory cause of minor importance in 5 per cent more.

In this and other hospitals for the insane, the relative number of cases of the various diseases listed as causes of death is widely different from the number met with in general practice. The presence of cases of general paresis and of senile cases in great number, the absence of cases of children's diseases, and the infrequency of puerperal cases and cases of infectious diseases, may be mentioned.

Mortality statistics limited to the primary cause of death and neglecting the contributory causes are fallacious and misleading. In this report both primary and contributory causes are considered.

There were 292 cases of general paresis and 30 cases of cerebral syphilis; i. e., 322 cases of syphilitic brain disease in 1,183 autopsies. The primary cause was given as some other condition in 73 of these 322 cases—an acute complication, as pneumonia, in 47; a chronic accompanying condition, as tuberculosis or chronic nephritis, in 20; a symptom, exhaustion, in 4; an incident, cerebral hemorrhage and softening, in 2.

Sixty-five other cases showed syphilis in quiescent form, as follows:

Of 190 active cases of tuberculosis of the lungs, 19 occurred in combination with general paresis, of which number the primary

cause of death was given as tuberculosis in 4, and as general paresis in 15. In 10 additional cases the presence of syphilis was satisfactorily demonstrated, either by clinical and pathological findings, or by a positive Wassermann reaction, although not appearing of sufficient importance to be given as the primary cause of death.

Abdominal tuberculosis, in this series, was almost wholly secondary to tuberculosis of the lungs. In 46 cases, 1 showed the presence of quiescent syphilis.

There were 37 deaths from cancer. Of 5 cases of cancer of the breast, 1 was in a case of general paresis. Of 6 cases of cancer of the female genital organs, 1 showed quiescent syphilis; and also 1 in 4 cases of cancer of the peritoneum showed quiescent syphilis. Of 6 cases of hypernephroma, 2 gave a positive Wassermann reaction.

Two cases, both septic, of acute meningitis (total, 9) occurred in cases of general paresis. The poor nutrition, lowered resistance, and trophic disorders of general paresis, predispose to septic infection. Of 68 cases of purulent infection of all kinds, including general peritonitis and septicemia, 21 occurred in cases of general paresis, and 3 more in syphilitic cases.

Of 24 cases of cerebral hemorrhage, 3 were due to syphilis of cerebral arteries. Of 21 cases of subdural hemorrhage, pachymeningitis hemorrhagica interna, 6 occurred in cases of general paresis. While of 35 cases of cerebral softening,² focal degeneration, 4 were caused by syphilitic disease of the cerebral arteries.

In 120 cases of diseases of the heart, 10 complicated general paresis, and in 4 of these the heart condition was given as the primary cause of death. Moreover, there was quiescent syphilis in 4 additional cases. There were two ruptures of the heart, in neither of which syphilis appeared as a cause.

There were 224 cases of arteriosclerosis, and 6 of these complicated general paresis. Seven others gave a positive Wassermann reaction. In addition there were 10 cases of syphilitic arteriosclerosis. Of 8 cases of aneurism of the aorta, syphilis was demonstrated in 1. One case of thrombosis of the abdominal aorta had a positive Wassermann reaction.

Cirrhosis of the liver was a cause of death in 8 cases, with general paresis also present in 1 case and syphilis in another.

In 32 cases of acute nephritis, 3 complicated general paresis, and 1 was syphilitic.

Of 60 cases of Bright's disease, 3 were in cases of general paresis, and 6 others were in syphilitic subjects. Chronic nephritis was

²Softening of the brain is restricted in this report to degeneration of areas following occlusion of arterial supply, e. g., by embolism or endarteritis obliterans.

given as the primary cause of death in 9 cases of general paresis and cerebral syphilis.

There were 5 suicides in the series; 1 was syphilitic.

The accompanying tabular statement summarizes the data.

Syphilis as a cause or contributing cause of death as revealed by 1,183 autopsies performed at the Central Islip State Hospital, Long Island, N. Y.

Detailed Int. List No.	Contributing or primary cause of death.	Number of deaths.	With general paresis.		With syphilis.	
			Number.	Per cent.	Number.	Per cent.
1	Typhoid fever.....	6			1	16
18	Erysipelas.....	10 ¹	3	30		
20	Purulent infection.....	68	21	31	3	4
28	Tuberculosis of the lungs.....	190	19	10	10	5
31	Abdominal tuberculosis.....	46			1	2
37	Cerebralsyphilis.....	30				100
37	Arteriosclerosis, syphilitic.....	10			10	100
40	Cancer of the stomach, liver.....	14				
41	Cancer of the peritoneum.....	4			1	25
42	Cancer of the female genital organs.....	6			1	16
43	Cancer of the breast.....	5	1	20		
45	Hypernephroma.....	6			2	33
61	Meningitis, acute.....	9	2	22		
64	Hemorrhagic pachymeningitis.....	21	6	29		
64	Cerebral hemorrhage.....	24			3	12
65	Cerebralsoftening.....	35	2	6	2	6
67	General paresis.....	292		100		100
69	Epilepsy.....	25				
74	Tumor of brain.....	16			2	12
74	Nervous exhaustion.....	7			1	14
77	Pericarditis.....	11	2	18		
78	Endocarditis.....	86	4	5	2	2
78	Myocarditis.....	60	4	7	2	3
81	Arteriosclerosis.....	224	6	2	7	3
81	Aneurism of aorta.....	8			1	12
82	Thrombosis of abdominal aorta.....	1			1	
89	Acute bronchitis.....	3	3			
91	Bronchopneumonia.....	245	110	45	11	4
92	Lobar pneumonia.....	125	22	17	7	6
93	Empyema.....	12	3	25		
94	Pulmonary congestion.....	20	5	25	2	10
94	Infarction of lung.....	7	2	28	1	14
95	Gangrene of the lung.....	17	5	29		
98	Abscess of lung.....	10	3	30		
98	Hemorrhage of lung.....	4	1	25		
105	Ulcerative colitis.....	9	1	11	1	11
110	Perforation of intestine.....	2	1			
113	Cirrhosis of liver.....	8	1	12	1	12
115	Abscess of liver.....	2	1			
118	Hemorrhagic pancreatitis.....	7		14		
119	Acute nephritis.....	32	3	9	1	3
120	Bright's disease.....	38			3	8
120	Interstitial nephritis.....	31			2	6
120	Parenchymatous nephritis.....	22	3	14	3	14
123	Calculi of the urinary passages.....	3			1	
155	Suicide by poison.....	1			1	
157	Suicide by hanging.....	3				
163	Other suicides.....	1				
185	Fractures, old and recent.....	18	3		1	
			238		85	
			292	24.7	65	5.5

¹ Less cases (20) of complicated cerebral syphilis.

² Total cases of general paresis.

³ With total cases (30) of cerebral syphilis added, 27.2 per cent.

NOTE.—The United States Public Health Service will appreciate having other autopsy series showing syphilis as a contributing cause of death. They should be sent to Dr. C. C. Pierce, Assistant Surgeon General, U. S. Public Health Service, Washington, D. C. Credit will gladly be given to those furnishing such data.

DEATHS DURING WEEK ENDED DEC. 17, 1921.

Summary of information received by telegraph from industrial insurance companies for week ended Dec. 17, 1921, and corresponding week, 1920. (From the Weekly Health Index, Dec. 20, 1921, issued by the Bureau of the Census, Department of Commerce.)

	Week ended Dec. 17, 1921.	Corresponding week, 1920.
Policies in force.....	47, 908, 368	45, 447, 417
Number of death claims.....	8, 509	8, 446
Death claims per 1,000 policies in force, annual rate.....	9.3	9.7

Deaths from all causes in certain large cities of the United States during the week ended Dec. 17, 1921, infant mortality, annual death rate, and comparison with corresponding week of preceding years. (From the Weekly Health Index, Dec. 20, 1921, issued by the Bureau of the Census, Department of Commerce.)

City.	Estimated population July 1, 1921.	Week ended Dec. 17, 1921.		Average annual death rate per 1,000. ²	Deaths under 1 year.		Infant mortality rate, week ended Dec. 17, 1921. ³
		Total deaths.	Death rate. ¹		Week ended Dec. 17, 1921.	Previous year or years. ³	
Akron, Ohio.....	229,195	21	4.8	A 11.7	3	A 4	29
Albany, N. Y.....	115,071	43	19.5	C 13.3	2	C 0	45
Atlanta, Ga.....	207,473	61	15.3	C 19.8	5	C 6	
Baltimore, Md.....	750,864	177	12.3	A 16.6	22	A 27	62
Birmingham, Ala.....	185,133	50	14.0	A 17.8	6	A 9	
Boston, Mass.....	757,634	199	13.7	A 16.5	24	A 32	65
Bridgeport, Conn.....	149,967	32	11.1	A 15.1	6	A 7	76
Buffalo, N. Y.....	519,608	103	10.8	C 14.3	21	C 24	81
Cambridge, Mass.....	110,444	27	12.7	A 15.0	1	A 5	18
Camden, N. J.....	119,672	31	13.5		6		90
Chicago, Ill.....	2,780,655	506	11.2	A 12.9	84	A 98	
Cincinnati, Ohio.....	403,418	115	14.9	C 15.3	12	C 8	79
Cleveland, Ohio.....	831,138	157	9.9	C 9.6	28	C 17	75
Columbus, Ohio.....	245,358	64	13.6	C 16.3	8	C 6	93
Dallas, Tex.....	165,282	46	14.5	A 15.7	7	A 4	
Dayton, Ohio.....	158,119	29	9.6	C 11.1	3	C 4	49
Denver, Colo.....	263,152	76	15.1	A 14.6	2		
Detroit, Mich.....	1,070,450	187	9.1	C 10.0	36	C 43	68
Fall River, Mass.....	120,668	26	11.2	C 15.6	6	C 4	90
Fort Worth, Tex.....	111,423	19	8.9		2		
Grand Rapids, Mich.....	141,197	30	11.1	C 13.1	5	C 5	85
Houston, Tex.....	144,340	33	11.9	C 13.0	2	C 6	
Indianapolis, Ind.....	325,632	96	15.4	C 12.1	11	C 7	85
Jersey City, N. J.....	302,788	69	11.9	C 11.8	11	C 9	76
Kansas City, Kans.....	103,884	22	11.0	C 11.2	0	C 1	0
Kansas City, Mo.....	336,157	82	12.7	C 12.5	10	C 11	
Los Angeles, Calif.....	614,160	144	12.2	A 15.0	16	A 11	76
Louisville, Ky.....	236,083	78	17.2	C 10.2	6	C 4	69
Lowell, Mass.....	113,757	20	9.2	A 16.2	2	A 5	32
Memphis, Tenn.....	165,656	56	17.6		8		
Milwaukee, Wis.....	468,396	83	9.2	A 12.1	17	A 18	82
Minneapolis, Minn.....	392,815	91	12.1	C 9.4	13	C 10	74
Nashville, Tenn.....	122,036	35	15.0	C 23.3	5	C 9	
New Bedford, Mass.....	125,012	12	5.0	A 15.2	5	A 8	77
New Haven, Conn.....	167,007	51	15.9	C 13.0	9	C 4	107
New Orleans, La.....	394,657	128	16.9	A 22.7	12	A 17	
New York, N. Y.....	5,751,867	1,246	11.3	C 10.5	166	C 160	65
Newark, N. J.....	424,885	99	12.1	C 12.0	21	C 11	93
Norfolk, Va.....	121,260	31	13.3		7		124
Oakland, Calif.....	226,472	44	10.1	A 12.1	2	A 5	25
Omaha, Nebr.....	197,066	93	24.6		14		162
Paterson, N. J.....	137,463	36	13.7		6		101
Philadelphia, Pa.....	1,866,212	450	12.6	A 18.2	54	A 85	65
Pittsburgh, Pa.....	602,452	156	13.5	C 12.8	30	C 19	106
Portland, Oreg.....	264,859	62	12.2	C 11.4	6	C 4	60
Providence, R. I.....	239,645	69	15.0	C 15.5	10	C 5	51
Richmond, Va.....	175,686	58	17.2	C 20.2	10	C 8	122
Rochester, N. Y.....	305,229	55	9.4	C 10.3	5	C 7	30
St. Louis, Mo.....	786,164	173	11.5	C 10.9	15	C 17	
St. Paul, Minn.....	237,781	56	12.3	C 10.8	7	C 5	70
Salt Lake City, Utah.....	121,595	38	16.3	A 12.8	6		93
San Francisco, Calif.....	520,546	143	14.3	C 17.5	8	C 7	46
Seattle, Wash.....	327,227	69	11.0	A 10.4	4	A 7	33

Deaths from all causes in certain large cities of the United States during the week ended Dec. 17, 1921, infant mortality, annual death rate, and comparison with corresponding week of preceding years. (From the Weekly Health Index, Dec. 20, 1921, issued by the Bureau of the Census, Department of Commerce.)—Continued.

City.	Estimated population July 1, 1921.	Week ended Dec. 17, 1921.		Average annual death rate per 1,000.	Deaths under 1 year.		Infant mortality rate, week ended Dec. 17, 1921.
		Total deaths.	Death rate.		Week ended Dec. 17, 1921.	Previous year or years.	
Spokane, Wash.....	104,442	28	14.0	C 8.5	1	C 3	22
Springfield, Mass.....	135,877	28	10.7	C 14.6	3	C 8	45
Syracuse, N. Y.....	177,265	32	9.4	C 12.3	4	C 7	48
Toledo, Ohio.....	253,696	50	12.1	A 15.3	11	A 8	111
Trenton, N. J.....	122,760	43	18.3	A 19.6	6	A 5	91
Washington, D. C.....	454,026	124	14.2	A 14.9	11	A 12	64
Wilmington, Del.....	113,408	23	10.6	C 13.1	5	C 4	.....
Worcester, Mass.....	184,972	53	14.9	C 15.2	5	C 8	54
Yonkers, N. Y.....	103,324	19	9.6	A 12.1	3	A 5	68

¹ Annual rate per 1,000 population.

² "A" indicates data for the corresponding week of the years 1913 to 1917, inclusive. "C" indicates data for the corresponding week of the year 1920.

³ Deaths under 1 year per 1,000 births—an annual rate based on deaths under 1 year for the week and estimated births for 1920. Cities left blank are not in the registration area for births.

⁴ Data based on statistics of 1915, 1916, and 1917.

PREVALENCE OF DISEASE.

No health department, State or local, can effectively prevent or control disease without knowledge of when, where, and under what conditions cases are occurring.

UNITED STATES.

CURRENT STATE SUMMARIES.

Telegraphic Reports for Week Ended Dec. 24, 1921.

These reports are preliminary, and the figures are subject to change when later returns are received by the State health officers.

ALABAMA.		COLORADO—continued.	
	Cases.		Cases.
Cerebrospinal meningitis.....	1	Measles.....	2
Chicken pox.....	26	Mumps.....	1
Diphtheria.....	37	Pneumonia.....	10
Hookworm disease.....	84	Scarlet fever.....	32
Pellagra.....	1	Smallpox.....	40
Pneumonia.....	9	Typhoid fever.....	14
Scarlet fever.....	6	Whooping cough.....	1
Smallpox.....	9		
Tuberculosis.....	7	CONNECTICUT.	
Typhoid fever.....	10	Chicken pox.....	66
		Diphtheria:	
CALIFORNIA.		Bridgeport.....	13
Cerebrospinal meningitis:		Hartford.....	14
Eureka.....	1	New Haven.....	9
San Francisco.....	1	Scattering.....	55
Woodland.....	1	German measles.....	1
Diphtheria.....	147	Influenza.....	11
Influenza.....	3	Measles:	
Leprosy:		Eastford.....	31
Sacramento.....	1	Letanon.....	8
Lethargic encephalitis:		Mansfield.....	19
Woodland.....	1	Stafford Springs.....	17
Measles.....	23	Willimantic.....	8
Poliomyelitis:		Scattering.....	37
Salinas.....	1	Mumps.....	10
Scarlet fever.....	67	Pneumonia (lobar).....	25
Smallpox:		Scarlet fever:	
Kern County.....	13	Bridgeport.....	9
Santa Clara County.....	28	New Haven.....	9
Scattering.....	1	Stonington.....	13
Typhoid fever.....	4	Waterbury.....	8
		Scattering.....	63
COLORADO.		Septic sore throat.....	5
(Exclusive of Denver.)		Tetanus.....	1
Chicken pox.....	18	Tuberculosis (all forms).....	22
Diphtheria.....	19	Typhoid fever.....	5
Influenza.....	2	Whooping cough.....	46

DELAWARE.		INDIANA.	
	Cases.		Cases.
Chicken pox.....	6	Cerebrospinal meningitis:	
Diphtheria.....	2	Lake County.....	1
Influenza.....	2	Marion County.....	3
Measles.....	1	Tippecanoe County.....	1
Pneumonia.....	3	Wayne County.....	3
Scarlet fever:		Diphtheria.....	104
Wilmington.....	25	Rabies in animals:	
Scattering.....	10	Bartholomew County.....	1
Tuberculosis.....	1	Greene County.....	1
Typhoid fever.....	1	Scarlet fever.....	69
		Smallpox.....	9
		Typhoid fever.....	31
		IOWA.	
		Diphtheria.....	63
		Poliomyelitis:	
		Edgewood.....	1
		Scarlet fever.....	117
		Smallpox.....	32
		KANSAS.	
		Cerebrospinal meningitis.....	1
		Chicken pox.....	107
		Diphtheria.....	191
		German measles.....	1
		Influenza.....	3
		Measles.....	5
		Mumps.....	59
		Pneumonia.....	32
		Poliomyelitis.....	3
		Scarlet fever.....	213
		Smallpox.....	54
		Tetanus.....	2
		Tuberculosis.....	82
		Typhoid fever.....	9
		Whooping cough.....	15
		LOUISIANA.	
		Diphtheria.....	18
		Influenza.....	4
		Paratyphoid fever.....	2
		Scarlet fever.....	10
		Smallpox.....	10
		Typhoid fever.....	34
		MAINE.	
		Cerebrospinal meningitis.....	2
		Chicken pox.....	12
		Diphtheria.....	21
		Pneumonia.....	3
		Scarlet fever.....	52
		Smallpox.....	1
		Tuberculosis.....	7
		Typhoid fever.....	3
		Whooping cough.....	6
		MARYLAND. ¹	
		Chicken pox.....	48
		Diphtheria.....	77
		Dysentery.....	1
		German measles.....	3
		Influenza.....	18
		Lethargic encephalitis.....	2
		Measles.....	84
		Mumps.....	23
		Pneumonia (all forms).....	60
		Scabies.....	1
FLORIDA.			
Diphtheria.....	32		
Influenza.....	11		
Lethargic encephalitis.....	1		
Malaria.....	9		
Smallpox.....	3		
Typhoid fever.....	9		
GEORGIA.			
Chicken pox.....	10		
Diphtheria.....	31		
Dysentery (amebic).....	1		
Dysentery (bacillary).....	1		
Hookworm disease.....	13		
Influenza.....	22		
Malaria.....	15		
Mumps.....	1		
Pneumonia.....	10		
Scarlet fever.....	24		
Septic sore throat.....	1		
Smallpox.....	13		
Tuberculosis (pulmonary).....	10		
Typhoid fever.....	11		
Whooping cough.....	1		
ILLINOIS.			
Cerebrospinal meningitis:			
Chicago.....	1		
Diphtheria:			
Aurora.....	10		
Blue Island.....	12		
Chicago.....	199		
Cicero.....	8		
Decatur.....	17		
Depue.....	11		
Nashville.....	8		
Rockford.....	14		
Springfield.....	8		
Streator.....	9		
Scattering.....	185		
Influenza.....	24		
Pneumonia.....	283		
Poliomyelitis:			
Aurora.....	1		
Chicago.....	2		
Des Plaines.....	1		
Edwardsville.....	1		
Scarlet fever:			
Chicago.....	108		
Williamson County—			
Creal Springs Township.....	12		
Rockford.....	8		
Scattering.....	159		
Smallpox.....	10		
Typhoid fever.....	12		
Whooping cough.....	29		

¹ Week ended Friday.

MARYLAND—continued.

	Cases.
Scarlet fever.....	81
Septic sore throat.....	1
Tuberculosis.....	44
Typhoid fever.....	22
Vincent's angina.....	2
Whooping cough.....	15

MASSACHUSETTS.

Cerebrospinal meningitis.....	1
Chicken pox.....	199
Conjunctivitis (suppurative).....	6
Diphtheria.....	234
German measles.....	5
Influenza.....	12
Lethargic encephalitis.....	1
Measles.....	162
Mumps.....	49
Ophthalmia neonatorum.....	18
Pneumonia (lobar).....	73
Poliomyelitis.....	3
Scarlet fever.....	161
Septic sore throat.....	4
Trachoma.....	1
Tuberculosis (all forms).....	130
Typhoid fever.....	8
Whooping cough.....	57

MINNESOTA.

Chicken pox.....	24
Diphtheria:	
Minneapolis.....	35
Scattering.....	69
Measles.....	16
Pneumonia.....	3
Poliomyelitis.....	1
Scarlet fever.....	167
Smallpox.....	78
Tuberculosis.....	64
Typhoid fever.....	11
Whooping cough.....	3

MISSISSIPPI.

Diphtheria.....	34
Scarlet fever.....	15
Smallpox.....	4
Typhoid fever.....	13

MONTANA.

Diphtheria.....	19
Scarlet fever.....	27
Smallpox.....	50
Typhoid fever.....	3

NEBRASKA.

Chicken pox.....	31
Diphtheria:	
Gearing.....	29
Omaha.....	16
Scattering.....	31
Measles:	
Omaha.....	12
Scattering.....	4
Mumps.....	6
Pneumonia.....	1
Scarlet fever:	
Thayer County.....	10
York County.....	8
Scattering.....	99

NEBRASKA—continued.

Smallpox:	Cases.
Gearing.....	9
Scattering.....	26
Tuberculosis.....	3
Typhoid fever.....	5
Whooping cough.....	1

NEW JERSEY.

Chicken pox.....	185
Diphtheria.....	204
Influenza.....	7
Malaria.....	2
Measles.....	91
Pneumonia.....	94
Scarlet fever.....	219
Smallpox.....	1
Typhoid fever.....	1
Whooping cough.....	46

NEW MEXICO.

Chicken pox.....	14
Diphtheria:	
Gallup.....	11
Scattering.....	42
Measles.....	3
Mumps.....	1
Pneumonia.....	7
Scarlet fever.....	10
Smallpox.....	1
Tuberculosis.....	12
Typhoid fever.....	7
Typhus fever.....	1

NEW YORK.

(Exclusive of New York City.)

Cerebrospinal meningitis.....	1
Diphtheria.....	248
Influenza.....	23
Lethargic encephalitis.....	1
Measles.....	109
Pneumonia.....	171
Scarlet fever.....	278
Typhoid fever.....	18
Whooping cough.....	102

NORTH CAROLINA.

Cerebrospinal meningitis.....	1
Chicken pox.....	38
Diphtheria.....	66
German measles.....	1
Measles.....	6
Poliomyelitis.....	1
Scarlet fever.....	65
Septic sore throat.....	4
Smallpox.....	8
Typhoid fever.....	21
Whooping cough.....	75

OREGON.

Cerebrospinal meningitis.....	1
Chicken pox.....	11
Diphtheria:	
Portland.....	33
Washington County.....	9
Scattering.....	15
Measles.....	3

OREGON—continued.	
	Cases.
Mumps.....	4
Poliomyelitis:	
Washington County.....	1
Scarlet fever.....	14
Smallpox:	
Portland.....	15
Scattering.....	5
Tuberculosis.....	5
Typhoid fever.....	3
Whooping cough.....	3

SOUTH DAKOTA.

Cerebrospinal meningitis.....	1
Chicken pox.....	9
Diphtheria.....	22
Measles.....	2
Pneumonia.....	3
Scarlet fever.....	33
Smallpox.....	43
Tuberculosis.....	11
Whooping cough.....	2

TEXAS.

Chicken pox.....	72
Diphtheria.....	27
Measles.....	13
Pneumonia.....	3
Scarlet fever.....	36
Smallpox.....	7
Typhoid fever.....	8

VERMONT.

Chicken pox.....	57
Diphtheria.....	11
Measles.....	2
Mumps.....	10
Pneumonia.....	2
Scarlet fever.....	39
Smallpox.....	1
Typhoid fever.....	1
Whooping cough.....	4

WASHINGTON.

Chicken pox.....	96
Diphtheria:	
Seattle.....	8
Scattering.....	25

WASHINGTON—continued.	
	Cases.
Measles.....	1
Mumps.....	45
Poliomyelitis:	
Bellingham.....	1
Skagit County.....	1
Scarlet fever:	
Spokane.....	8
Scattering.....	22
Smallpox:	
Spokane.....	8
Walla Walla.....	9
Scattering.....	53
Tuberculosis.....	36
Typhoid fever.....	2
Whooping cough.....	3½

WEST VIRGINIA.

Diphtheria:	
Wheeling.....	9
Scattering.....	36
Scarlet fever.....	32
Typhoid fever.....	8

WISCONSIN.

Milwaukee:	
Chicken pox.....	8
Diphtheria.....	27
Pneumonia.....	11
Scarlet fever.....	13
Smallpox.....	2
Tuberculosis.....	8
Whooping cough.....	21
Scattering:	
Chicken pox.....	156
Diphtheria.....	123
German measles.....	1
Influenza.....	2
Measles.....	13
Pneumonia.....	2
Scarlet fever.....	119
Smallpox.....	40
Trachoma.....	1
Tuberculosis.....	28
Typhoid fever.....	3
Whooping cough.....	43

Delayed Reports for Week Ended Dec. 17, 1921.

DISTRICT OF COLUMBIA.		Cases.	KENTUCKY—continued.		Cases.
Chicken pox.....		46	Influenza.....		12
Diphtheria.....		72	Measles:		
Measles.....		1	Jefferson County.....		140
Scarlet fever.....		25	Scattering.....		3
Smallpox.....		11	Mumps.....		1
Tuberculosis.....		25	Pneumonia.....		24
Typhoid fever.....		10	Scabies.....		7
Whooping cough.....		5	Scarlet fever.....		23
KENTUCKY.			Septic sore throat.....		4
Cerebrospinal meningitis:			Smallpox.....		23
Harlan County.....		1	Tonsillitis.....		1
Chicken pox.....		11	Trachoma.....		11
Diphtheria:			Tuberculosis:		
Daviess County.....		13	Jefferson County.....		8
Jefferson County.....		28	Scattering.....		5
Scattering.....		70	Typhoid fever.....		7
German measles.....		1	Whooping cough.....		11

SUMMARY OF CASES REPORTED MONTHLY BY STATES.

The following summary of monthly State reports is published weekly and covers only those States from which reports are received during the current week:

State.	Cerebrospinal meningitis.	Diphtheria.	Influenza.	Malaria.	Measles.	Pellagra.	Polomyelitis.	Scarlet fever.	Smallpox.	Typhoid fever.
1921.										
Alabama (November).....		217	18	30	10	17	1	121	27	80
Arkansas (November).....	1	168	103	446	2			76	20	78
Idaho (November).....		64			4			85	18	4
Illinois (November).....	16	3,485	193	63	271		26	1,756	121	187
Indiana (November).....	4	1,214	38		52		2	567	74	86
Maryland (November).....	3	399	91	16	238		17	311	1	111
Michigan (November).....		1,595	3		174		9	1,150	82	183
Minnesota (November).....	3	597	3		36		15	764	186	53
Montana (October).....	2	57	6		7		8	45	125	12
Montana (November).....	2	77	8		5		2	75	165	5
New York (November).....	29	2,460	146		747		68	1,973	4	300
North Carolina (November).....	7	881			20		4	531	44	81
Rhode Island (November).....	1	136	34		6		1	62		2
South Carolina (November).....		467	4	16		5		104	9	10
South Dakota (November).....		121			2		3	203	75	3

RECIPROCAL NOTIFICATION.**Minnesota—November, 1921.**

Cases of communicable diseases referred during November, 1921, to other State health departments by the Department of Health of the State of Minnesota.

Disease and locality of notification.	Referred to health authority of—	Why referred.
Diphtheria: Crosby, Crow Wing County.	River Falls, Pierce County, Wis....	Patient left for River Falls Nov. 3. Culture positive Nov. 3.
Tuberculosis: Pokegama Sanatorium, Pokegama, Pine County.	La Vina, Los Angeles County, Calif.	1 case far advanced and 2 cases moderately advanced left Sanatorium for their homes.
Thomas Hospital, Minneapolis, Hennepin County.	Fargo, Pierce County, N. Dak..... Grand Rapids, La Moure County, N. Dak. Clear Lake, Cerro Gordo County, Iowa.	1 case far advanced, 4 moderately advanced, 1 incipient, and 3 apparently arrested left hospital for their homes.
Mayo Clinic, Rochester, Olmsted County.	Fulton, Callaway County, Mo..... Great Falls, Cascade County, Mont.. Almont, Morton County, N. Dak.... Cogswell, Sargent County, N. Dak.. Belle Fourche, Butte County, S. Dak. Rapid City, Pennington County, S. Dak. Roswell, Miner County, S. Dak..... Tyndall, Bon Homme County, S. Dak. Champaign, Champaign County, Ill.	14 advanced cases, 6 moderately advanced, 1 apparently arrested, 3 stage of disease not given, left Mayo Clinic for their homes.
	Rockford, Winnebago County, Ill.... Pontiac, Livingston County, Ill..... Hawarden, Sioux County, Iowa..... Keokuk, Lee County, Iowa..... Belmond, Wright County, Iowa..... New Hampton, Chickasaw County, Iowa. Norton, Norton County, Kans. Kansas City, Jackson County, Mo... Sedalia, Pettis County, Mo..... Paris, Monroe County, Mo..... Lodgepole, Cheyenne County, Nebr.. Marple, Sheridan County, Nebr..... New York Mills, Oneida County, N. Y. Cathay, Wells County, N. Dak..... Aberdeen, Brown County, S. Dak... Burdock, Fall River County, S. Dak. Summit, Roberts County, S. Dak... Alexandria, Hanson County, S. Dak. Childress, Childress County, Tex.... Colby, Marathon County, Wis..... Hayward, Sawyer County, Wis..... Antigo, Langlade County, Wis..... Hurley, Iron County, Wis..... Sault Ste. Marie, Ontario, Canada...	

CITY REPORTS FOR WEEK ENDED DEC. 10, 1921.

ANTHRAX.

City.	Cases.	Deaths.
New York:		
New York.....	1	.....

CEREBROSPINAL MENINGITIS.

The column headed "Median for previous years" gives the median number of cases reported during the corresponding weeks of the years 1915 to 1920, inclusive. In instances in which data for the full six years are incomplete, the median is that for the number of years for which information is available.

City.	Median for pre- vious years.	Week ended Dec. 10, 1921.		City.	Median for pre- vious years.	Week ended Dec. 10, 1921.	
		Cases.	Deaths.			Cases.	Deaths.
California:				Nebraska:			
Oakland.....	0	1	.....	Omaha.....	0	1	1
San Bernardino.....	0	1	2	New Jersey:			
San Francisco.....	0	3	2	Trenton.....	0	1	.....
District of Columbia:				New York:			
Washington.....	0	1	.....	New York.....	5	8	2
Florida:				Troy.....	0	.....	1
Tampa.....			1	Ohio:			
Illinois:				Canton.....	0	1	1
Chicago.....	1	2	1	Dayton.....	0	3	.....
Maryland:				Pennsylvania:			
Baltimore.....	0	1	.....	Philadelphia.....	2	1	.....
Massachusetts:				South Carolina:			
Boston.....	0		1	Charleston.....			1
Lynn.....	0		1	Rhode Island:			
Quincy.....	0		1	Providence.....	0	1	.....
Minnesota:				Tennessee:			
Duluth.....	0	2	2	Nashville.....	0	1	1
Missouri:							
Kansas City.....	0		1				

DIPHTHERIA.

See p. 3200; also Telegraphic weekly reports from States, p. 3188, and Monthly summaries by States, p. 3192.

INFLUENZA.

City.	Cases.	Deaths.	City.	Cases.	Deaths.
Alabama:			Massachusetts—Continued.		
Birmingham.....		1	New Bedford.....	1	.....
Arkansas:			Somerville.....	1	.....
Little Rock.....	1	.....	Missouri:		
California:			Kansas City.....	1	1
Los Angeles.....	5	1	Montana:		
Pasadena.....	1	.....	Billings.....	1	1
Sacramento.....	3	.....	Nebraska:		
San Francisco.....	2	.....	Lincoln.....	1	.....
Colorado:			New Jersey:		
Denver.....		1	East Orange.....	1	.....
Connecticut:			Jersey City.....	1	.....
New Britain.....	2	.....	Newark.....	2	.....
New Haven.....		1	New York:		
District of Columbia:			Albany.....	8	.....
Washington.....	3	.....	Buffalo.....	2	.....
Florida:			New York.....	25	3
Tampa.....	3	.....	Peekskill.....	1	.....
Illinois:			Ohio:		
Chicago.....	13	3	Akron.....	1	.....
Decatur.....		1	Ashtabula.....	5	.....
Pekin.....	1	.....	Cincinnati.....		3
Kentucky:			Oregon:		
Louisville.....	1	1	Portland.....		1
Louisiana:			Pennsylvania:		
New Orleans.....		2	Philadelphia.....	1	1
Maryland:			Texas:		
Baltimore.....	13	2	Dallas.....	2	1
Massachusetts:			El Paso.....		1
Boston.....	6	1	Virginia:		
Cambridge.....	2	.....	Roanoke.....	2	.....
Everett.....		1			

CITY REPORTS FOR WEEK ENDED DEC. 10, 1921—Continued.

MALARIA.

City.	Cases.	Deaths.	City.	Cases.	Deaths.
Arkansas:			Louisiana:		
Fort Smith.....	2	.....	New Orleans.....	3	.....
Little Rock.....	3	.....	New York:		
California:			New York.....	1	.....
Oakland.....	1	.....	Tennessee:		
Santa Ana.....	1	.....	Memphis.....	2	1
Florida:			Texas:		
Tampa.....	15	.....	Dallas.....	1	.....
Georgia:			Houston.....		1
Brunswick.....	1	.....		
Valdosta.....		1			
Illinois:					
Alton.....	1	.....		
Chicago.....	1	.....		

MEASLES.

See p. 3200; also Telegraphic weekly reports from States, p. 3188, and Monthly summaries by States, p. 3192.

PELLAGRA.

City.	Cases.	Deaths.	City.	Cases.	Deaths.
Alabama:			Oklahoma:		
Birmingham.....		1	Oklahoma City.....		1
Indiana:			South Carolina:		
Indianapolis.....		1	Charleston.....		1
Louisiana:			Greenville.....		1
New Orleans.....	1	.....	Texas:		
North Carolina:			Fort Worth.....	1	1
Winston-Salem.....		1			

PNEUMONIA (ALL FORMS).

Alabama:			Georgia:		
Birmingham.....		4	Atlanta.....		7
Mobile.....		1	Brunswick.....		1
Montgomery.....		2	Macon.....		4
Arkansas:			Savannah.....		6
Little Rock.....	3	.....	Idaho:		
California:			Pocatello.....		1
Alameda.....		1	Illinois:		
Bakersfield.....		1	Alton.....	1	.....
Los Angeles.....	35	20	Aurora.....	4	.....
Oakland.....	6	5	Blue Island.....	1	.....
Pasadena.....	1	.....	Chicago.....	195	52
Riverside.....		1	Cicero.....		3
Sacramento.....	8	5	Decatur.....	4	2
San Diego.....	2	2	East St. Louis.....		1
San Francisco.....	10	4	Elgin.....	1	.....
Santa Ana.....	2	1	Evanston.....	4	.....
Stockton.....		2	Freeport.....	1	.....
Colorado:			Galesburg.....		1
Denver.....	13	.....	Kewanee.....	2	.....
Connecticut:			Mattoon.....		1
Bridgeport.....		1	Oak Park.....		2
Hartford.....		2	Pekin.....	2	.....
Meriden.....	3	.....	Peoria.....		4
New Britain.....		2	Rockford.....		1
New Haven.....		7	Rock Island.....	2	.....
Norwalk.....		2	Springfield.....	3	1
New London.....	1	.....	Indiana:		
Waterbury.....		1	East Chicago.....		2
Delaware:			Elkhart.....		1
Wilmington.....		3	Fort Wayne.....		2
District of Columbia:			Hammond.....	1	.....
Washington.....		10	Indianapolis.....		11
Florida:			Mishawaka.....		1
Tampa.....		1	Terre Haute.....		1

CITY REPORTS FOR WEEK ENDED DEC. 10, 1921—Continued.

PNEUMONIA (ALL FORMS)—Continued.

City.	Cases.	Deaths.	City.	Cases.	Deaths.
Iowa:			Nebraska:		
Burlington.....	1		Lincoln.....		3
Council Bluffs.....		2	Omaha.....		2
Muscatine.....	1		Nevada:		
Kansas:			Reno.....	2	
Hutchinson.....	1		New Jersey:		
Kansas City.....	2		Atlantic City.....	1	
Lawrence.....		1	Bloomfield.....	1	
Kentucky:			Clifton.....		1
Covington.....		2	East Orange.....		1
Lexington.....		3	Englewood.....		1
Louisville.....		10	Hackensack.....		1
Louisiana:			Hoboken.....		1
New Orleans.....	7	5	Jersey City.....	10	
Maine:			Montclair.....		1
Bangor.....	1		Morristown.....	2	
Biddeford.....		1	Newark.....	59	9
Lewiston.....		1	Orange.....	8	3
Portland.....		2	Passaic.....		3
Sanford.....	3		Paterson.....	2	
Maryland:			Phillipsburg.....		1
Baltimore.....	42	24	Trenton.....		6
Cumberland.....	1		West New York.....		2
Massachusetts:			New Mexico:		
Attleboro.....	3	1	Albuquerque.....		2
Beverly.....	3		New York:		
Boston.....	19	16	Albany.....	18	
Braintree.....	1		Buffalo.....	10	1
Brookline.....	1		Cohoes.....		1
Cambridge.....	5	4	Elmira.....	1	
Chelsea.....		1	Hudson.....	1	
Chicopee.....		1	Mount Vernon.....	3	
Clinton.....	3		Newburgh.....	1	
Danvers.....	1		New York.....	264	120
Everett.....	2	1	Peekskill.....		1
Framingham.....		3	Poughkeepsie.....	2	1
Greenfield.....		1	Rochester.....	15	5
Haverhill.....	3		Saratoga Springs.....		1
Holyoke.....	2	1	Schenectady.....	2	1
Lawrence.....	2		Syracuse.....		5
Lowell.....		9	Troy.....	2	1
Lynn.....	4	1	Watertown.....		1
Malden.....		3	White Plains.....	1	
New Bedford.....	2	1	Yonkers.....		2
Newton.....		1	North Carolina:		
Northampton.....	1		Charlotte.....		1
Pittsfield.....		3	Wilmington.....		2
Quincy.....		1	Winston-Salem.....		3
Salem.....	1		Ohio:		
Somerville.....	5	1	Akron.....	10	1
Springfield.....	7		Alliance.....		2
Wakfield.....	4		Barberton.....		2
Worcester.....	10	5	Bucyrus.....	1	
Michigan:			Canton.....		3
Ann Arbor.....	4	2	Cincinnati.....		6
Detroit.....	46	19	Cleveland.....	25	
Flint.....	5	4	Columbus.....		6
Grand Rapids.....	3	1	Dayton.....	1	
Hamtramck.....	4		Fremont.....	1	
Highland Park.....	4		Hamilton.....		1
Jackson.....	3	1	Ironton.....		1
Kalamazoo.....	7	3	Lancaster.....		1
Muskegon.....		1	Lima.....		1
Pontiac.....		1	Lorain.....	2	
Minnesota:			Norwood.....		1
Duluth.....		1	Piqua.....		1
Hibbing.....		1	Salem.....		1
Minneapolis.....		11	Sandusky.....	2	
St. Paul.....		2	Toledo.....	3	
Missouri:			Oklahoma:		
Independence.....		1	Oklahoma City.....		1
Kansas City.....	7	5	Oregon:		
St. Joseph.....		3	Portland.....		9
Springfield.....		3	Pennsylvania:		
Montana:			Philadelphia.....	62	29
Billings.....	1		Rhode Island:		
Butte.....		1	Providence.....		6
Great Falls.....		1			
Missoula.....	4	2			

CITY REPORTS FOR WEEK ENDED DEC. 10, 1921—Continued.

PNEUMONIA (ALL FORMS)—Continued.

City.	Cases.	Deaths.	City.	Cases.	Deaths.
South Dakota:			Virginia:		
Sioux Falls.....	1	.....	Alexandria.....	4	2
Tennessee:			Lynchburg.....	.....	1
Chattanooga.....	1	.....	Norfolk.....	.....	2
Memphis.....	.....	3	Petersburg.....	.....	3
Nashville.....	.....	7	Portsmouth.....	.....	1
Texas:			Roanoke.....	3	2
Dallas.....	.....	1	West Virginia:		
El Paso.....	.....	4	Bluefield.....	.....	1
Fort Worth.....	.....	3	Charleston.....	.....	1
Houston.....	.....	5	Wheeling.....	.....	1
Utah:			Wisconsin:		
Salt Lake City.....	.....	5	Kenosha.....	1	.....
			Milwaukee.....	17	.....

POLIOMYELITIS (INFANTILE PARALYSIS).

The column headed "Median for previous years" gives the median number of cases reported during the corresponding weeks of the years 1915 to 1920, inclusive. In instances in which data for the full six years are incomplete, the median is that for the number of years for which information is available.

City.	Median for pre- vious years.	Week ended Dec. 10, 1921.		City.	Median for pre- vious years.	Week ended Dec. 10, 1921.	
		Cases.	Deaths.			Cases.	Deaths.
Illinois:				Michigan:			
Aurora.....	0	1	.....	Detroit.....	0	.....	1
Chicago.....	1	1	.....	New Jersey:			
Indiana:				Newark.....	0	1	1
Frankfort.....	.....	1	.....	New York:			
Maine:				New York.....	0	2	.....
Bangor.....	0	1	.....	Ohio:			
Maryland:				Hamilton.....	0	1	.....
Baltimore.....	0	1	.....	Oregon:			
Massachusetts:				Portland.....	0	1	.....
Arlington.....	0	1	.....			
Boston.....	0	1	.....			
Norwood.....	.....	.....	1				

RABIES IN ANIMALS.

City.	Cases.
Missouri:	
Kansas City.....	3

SCARLET FEVER.

See p. 3200; also Telegraphic weekly reports from States, p. 3188, and Monthly summaries by States, p. 3192.

CITY REPORTS FOR WEEK ENDED DEC. 10, 1921—Continued.

SMALLPOX.

The column headed "Median for previous years" gives the median number of cases reported during the corresponding weeks of the years 1915 to 1920, inclusive: In instances in which data for the full six years are incomplete, the median is that for the number of years for which information is available.

City.	Median for pre- vious years.	Week ended Dec. 10, 1921.		City.	Median for pre- vious years.	Week ended Dec. 10, 1921.	
		Cases.	Deaths.			Cases.	Deaths.
Alabama:				Minnesota:			
Anniston.....	0	1	.....	Duluth.....	0	2	.....
Mobile.....	0	2	.....	Hibbing.....	0	5	.....
Arkansas:				Minneapolis.....	15	2	.....
Fort Smith.....	0	1	.....	St. Paul.....	12	20	.....
California:				Missouri:			
Bakersfield.....	0	30	.....	Kansas City.....	3	25	12
Oakland.....	1	5	.....	St. Joseph.....	0	2	.....
Riverside.....	0	2	.....	St. Louis.....	1	1	.....
Sacramento.....	0	2	.....	Montana:			
San Francisco.....	1	6	.....	Billings.....	0	2	.....
Stockton.....	0	1	.....	Butte.....	0	1	.....
Colorado:				Great Falls.....	0	4	.....
Denver.....	7	19	3	Nebraska:			
Florida:				Omaha.....	5	2	.....
Tampa.....	.....	1	.....	Ohio:			
Georgia:				Dayton.....	0	10	.....
Albany.....	.....	1	.....	Wrenmont.....	0	7	.....
Atlanta.....	1	2	.....	Springfield.....	0	1	.....
Savannah.....	0	1	.....	Oklahoma:			
Idaho:				Oklahoma City.....	0	3	.....
Boise.....	5	1	.....	Oregon:			
Pocatello.....	4	2	1	Portland.....	6	8	.....
Illinois:				South Dakota:			
Chicago.....	1	1	.....	Sioux Falls.....	1	1	.....
Evanston.....	0	1	.....	Tennessee:			
Peoria.....	0	2	.....	Chattanooga.....	0	1	.....
Rockford.....	0	1	.....	Nashville.....	0	1	.....
Springfield.....	0	1	.....	Texas:			
Indiana:				Dallas.....	0	1	.....
Bloomington.....	0	3	.....	Houston.....	0	1	.....
Gary.....	0	2	.....	Waco.....	0	1	.....
Marion.....	0	1	.....	Utah:			
Iowa:				Salt Lake City.....	6	16	.....
Council Bluffs.....	3	1	.....	Virginia:			
Marshalltown.....	6	1	.....	Newport News.....	.....	1	.....
Muscatine.....	0	4	.....	Washington:			
Sioux City.....	3	1	.....	Aberdeen.....	1	3	.....
Kansas:				Bellingham.....	1	5	.....
Hutchinson.....	1	24	.....	Seattle.....	3	1	.....
Kansas City.....	1	10	.....	Spokane.....	31	8	.....
Lawrence.....	0	1	.....	Tacoma.....	1	14	.....
Leavenworth.....	0	1	.....	Walla Walla.....	3	28	.....
Salina.....	0	1	.....	Yakima.....	2	10	.....
Kentucky:				West Virginia:			
Louisville.....	1	1	.....	Bluefield.....	1	2	.....
Michigan:				Wisconsin:			
Detroit.....	1	1	.....	Manitowoc.....	.....	2	.....
				Milwaukee.....	4	1	.....

TETANUS.

City.	Cases.	Deaths.	City.	Cases.	Deaths.
Alabama:			Missouri:		
Mobile.....	.....	2	St. Louis.....	1	1
California:			Texas:		
Los Angeles.....	2	1	Houston.....	.....	1
Santa Ana.....	1	.....		
Kansas:					
Kansas City.....	1	.....		

CITY REPORTS FOR WEEK ENDED DEC. 10, 1921—Continued.

TUBERCULOSIS.

See p. 3200; also Telegraphic weekly reports from States, p. 3188.

TYPHOID FEVER.

The column headed "Median for previous years" gives the median number of cases reported during the corresponding weeks of the years 1915 to 1920, inclusive. In instances in which data for the full six years are incomplete, the median is that for the number of years for which information is available.

City.	Median for pre- vious years.	Week ended Dec. 10, 1921.		City.	Median for pre- vious years.	Week ended Dec. 10, 1921.	
		Cases.	Deaths.			Cases.	Deaths.
Alabama:				Nebraska:			
Birmingham.....	1	1	.....	Omaha.....	0	1	.....
Arkansas:				New Jersey:			
Fort Smith.....	0	2	.....	Bayonne.....	0	1	.....
Little Rock.....	0	2	.....	Plainfield.....	0	.....	1
California:				Trenton.....	0	1	.....
Alameda.....	0	1	.....	West Hoboken.....	0	2	.....
Oakland.....	1	1	.....	New Mexico:			
San Francisco.....	2	1	1	Albuquerque.....	0	1	.....
Colorado:				New York:			
Colorado Springs.....	0	.....	1	Albany.....	1	3	.....
Denver.....	0	.....	1	Buffalo.....	2	1	.....
Connecticut:				Elmira.....	0	.....	1
Greenwich.....	0	1	.....	Lackawanna.....	0	1	.....
District of Columbia:				Mount Vernon.....	0	1	.....
Washington.....	3	8	.....	New York.....	24	6	2
Georgia:				Rochester.....	1	2	1
Atlanta.....	1	2	.....	Syracuse.....	1	1	.....
Brunswick.....	0	2	1	North Carolina:			
Macon.....	0	.....	1	Wilmington.....	0	2	.....
Savannah.....	0	1	.....	Ohio:			
Illinois:				Akron.....	0	2	.....
Aurora.....	0	1	1	Canton.....	0	1	.....
Chicago.....	5	3	1	Cincinnati.....	1	3	1
East St. Louis.....	0	1	.....	Cleveland.....	0	2	.....
Evanston.....	0	1	.....	Dayton.....	0	1	.....
Kansas:				Ironton.....	0	2	.....
Fort Scott.....	0	1	.....	Niles.....	0	1	.....
Wichita.....	1	1	.....	Sandusky.....	1	3	.....
Kentucky:				Toledo.....	1	.....	1
Louisville.....	3	3	.....	Youngstown.....	0	1	.....
Louisiana:				Oregon:			
New Orleans.....	3	.....	1	Portland.....	1	1	2
Maryland:				Pennsylvania:			
Baltimore.....	7	1	.....	Philadelphia.....	5	4	1
Massachusetts:				South Carolina:			
Boston.....	1	2	.....	Charleston.....	0	1	.....
Fall River.....	3	1	.....	Texas:			
Lynn.....	0	2	.....	Dallas.....	1	1	1
Methuen.....	1	1	.....	Fort Worth.....	0	1	.....
New Bedford.....	0	.....	1	Galveston.....	1	1	.....
Webster.....	0	1	.....	Waco.....	0	1	.....
Michigan:				Utah:			
Detroit.....	4	5	.....	Salt Lake City.....	0	4	1
Flint.....	0	2	.....	Virginia:			
Grand Rapids.....	0	2	1	Newport News.....	.....	2	.....
Jackson.....	0	1	.....	Richmond.....	0	1	.....
Port Huron.....	1	1	.....	West Virginia:			
Minnesota:				Charleston.....	0	1	1
St. Cloud.....	0	1	.....	Wisconsin:			
St. Paul.....	0	2	.....	Marinette.....	0	1	.....
Missouri:				Milwaukee.....	0	3	.....
Kansas City.....	2	4	1	Oshkosh.....	0	2	.....
St. Louis.....	4	1	.....			

TYPHUS FEVER.

City.	Cases.	Deaths.
New York:		
New York.....	1	.....

CITY REPORTS FOR WEEK ENDED DEC. 10, 1921—Continued.

DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS.

City.	Popula- tion Janu- ary 1, 1920, subject to correction.	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuber- culosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Alabama:										
Anniston.....	17, 734	—	3	—	—	—	—	—	—	—
Birmingham.....	178, 270	43	15	—	—	—	5	—	7	6
Mobile.....	60, 151	26	4	—	—	—	1	—	—	3
Montgomery.....	43, 464	9	1	—	—	—	—	—	—	1
Arizona:										
Tucson.....	20, 292	15	—	—	—	—	—	—	—	4
Arkansas:										
Fort Smith.....	28, 811	9	5	—	—	—	1	—	—	1
Hot Springs.....	11, 695	3	—	—	—	—	—	—	—	2
Little Rock.....	64, 997	—	2	—	2	—	5	—	1	—
North Little Rock.....	14, 048	—	2	—	—	—	—	—	—	—
California:										
Alameda.....	28, 806	4	—	—	—	—	—	—	—	—
Bakersfield.....	18, 638	6	—	—	—	—	—	—	—	1
Eureka.....	12, 923	2	—	—	—	—	—	—	—	—
Long Beach.....	55, 583	15	5	1	4	—	6	—	—	1
Los Angeles.....	576, 673	186	88	4	4	—	39	1	29	22
Oakland.....	216, 361	51	36	2	2	—	3	—	1	3
Pasadena.....	45, 354	9	6	—	—	—	2	—	—	—
Richmond.....	16, 843	2	3	—	—	—	—	—	—	—
Riverside.....	19, 341	7	1	—	—	—	2	—	—	1
Sacramento.....	65, 857	24	17	—	1	—	—	—	2	2
San Bernardino.....	18, 721	8	—	—	—	—	—	—	—	—
San Diego.....	74, 683	29	9	—	1	—	7	—	5	—
San Francisco.....	508, 410	132	72	7	1	—	11	—	30	5
Santa Ana.....	15, 485	8	1	—	—	—	—	—	—	3
Santa Cruz.....	10, 917	3	1	—	—	—	1	—	—	—
Stockton.....	40, 296	20	14	1	—	—	5	—	—	2
Colorado:										
Colorado Springs.....	30, 105	8	1	—	—	—	—	—	12	2
Denver.....	256, 369	79	15	1	1	—	13	—	—	8
Connecticut:										
Bridgeport.....	143, 538	25	15	—	—	—	7	1	8	4
Bristol.....	20, 620	0	—	—	—	—	—	—	—	—
Derby.....	11, 238	3	—	—	—	—	—	—	1	1
Fairfield (town).....	11, 475	3	—	—	—	—	—	—	—	—
Greenwich (town).....	22, 123	—	4	—	—	—	5	—	—	—
Hartford.....	138, 036	37	10	—	1	—	5	—	—	2
Manchester (town).....	18, 370	0	1	—	1	—	—	—	—	—
Meriden (city).....	29, 842	—	1	—	—	—	2	—	2	—
Milford (town).....	10, 193	—	1	—	—	—	1	—	—	—
New Britain.....	59, 316	11	1	1	—	—	5	—	—	—
New Haven.....	162, 519	43	20	—	—	—	15	1	—	3
New London.....	25, 688	4	2	—	5	—	—	—	1	—
Norwalk.....	27, 700	10	—	—	—	—	—	—	—	—
Stonington (town).....	10, 236	2	—	—	—	—	1	—	—	—
Waterbury.....	91, 410	17	6	—	2	—	5	—	5	—
Delaware:										
Wilmington.....	110, 168	17	—	—	—	—	15	—	—	1
District of Columbia:										
Washington.....	437, 571	106	32	3	—	—	23	—	26	6
Florida:										
Tampa.....	51, 252	22	7	—	—	—	1	—	—	1
Georgia:										
Atlanta.....	200, 616	63	12	1	—	—	—	—	15	4
Augusta.....	52, 548	—	1	—	—	—	—	—	2	—
Brunswick.....	14, 413	8	—	—	—	—	—	—	—	—
Macon.....	52, 995	21	8	—	1	—	2	—	—	2
Rome.....	13, 252	—	2	—	—	—	4	—	—	—
Savannah.....	83, 252	34	1	—	—	—	8	—	2	2
Valdosta.....	10, 783	3	—	—	—	—	—	—	—	—
Idaho:										
Boise.....	21, 393	7	—	—	—	—	4	—	—	—
Pocatello.....	15, 001	2	3	—	—	—	—	—	—	—
Illinois:										
Alton.....	24, 682	9	3	—	—	—	5	—	—	—
Aurora.....	36, 397	12	8	—	2	—	1	—	—	—
Bloomington.....	28, 725	11	1	—	—	—	1	—	2	—
Blue Island.....	11, 424	2	14	—	—	—	—	—	—	—
Centralia.....	12, 491	5	2	—	—	—	—	—	—	—
Champaign.....	15, 873	—	1	—	—	—	2	—	—	—
Chicago.....	2, 701, 705	553	188	15	29	1	98	0	225	48
Chicago Heights.....	19, 653	0	—	—	—	—	—	—	—	—
Cicero.....	44, 995	5	7	—	2	—	2	—	—	—

CITY REPORTS FOR WEEK ENDED DEC. 10, 1921—Continued.

DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS—Continued.

City.	Popula- tion Janu- ary 1, 1920, subject to correction.	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuber- culosis.		
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	
Illinois—Continued.											
Decatur	43,818	13	10		1		2		11		
East St. Louis	66,740	14	6	3			1		1		
Elgin	27,454	5	2				4				
Evanston	37,215	8	1				3				
Forest Park	10,768	1	1				1				
Freeport	19,669	2	6				3				
Galesburg	23,834	9	5						1		
Jacksonville	15,713	6								1	
Kewanee	16,026	2	5		1		2			1	
La Salle	13,050	3	1				1		1		
Mattoon	13,552	5	5	1							
Oak Park	39,830	12	2				3				
Pekin	12,086		5				6				
Peoria	76,121	24	7	1			5			1	
Rockford	65,651	18	15		1		4			1	
Rock Island	35,177	7	1				1				
Springfield	59,183	16	1		2		6		5		
Indiana:											
Bloomington	11,595	1			1		3				
East Chicago	35,967	8		1							
Elkhart	24,277	7	8								
Fort Wayne	36,549	22	10	1							
Frankfort	11,585	3					1				
Gary	55,378	18	4	1			1			1	
Hammond	36,004	3	2				3				
Huntington	14,000	6	1				6				
Indianapolis	314,194	73	43	4	1		17		6	8	
Kokomo	30,067	7	1				2		1	2	
La Fayette	22,496	10	5		1		1		1	2	
Logansport	21,626	5	2				1				
Marion	23,747	4	5				2			1	
Mishawaka	15,195	2									
Muncie	36,624	5	2								
South Bend	70,983	6	2				1		2		
Terre Haute	66,083	16	15	1			5				
Iowa:											
Burlington	24,057	6	2	1			2		1	1	
Cedar Rapids	45,566		2								
Council Bluffs	36,162	12	9							1	
Davenport	56,727		5								
Dubuque	39,141		5				2				
Marshalltown	15,731						6				
Mason City	20,065	5	2				2				
Muscatine	16,068	7	1				1				
Ottumwa	23,003						3				
Sioux City	71,227		13				6	1			
Waterloo	36,230		1				8				
Kansas:											
Atchison	12,630		3				2				
Coffeyville	13,452	1	2						1		
Fort Scott	10,693	3	12				1				
Hutchinson	23,298		7				3		1		
Kansas City	101,177		13				4		3		
Lawrence	12,456	2	1	1			1				
Leavenworth	16,912						1				
Parsons	16,028	6	3				2	1	1		
Salina	15,085	5	1				2				
Wichita	72,128	26	24	1			13				
Kentucky:											
Covington	57,121	9	1		3		2		1		
Lexington	41,534	15	1							1	
Louisville	234,891	71	35		57		6		6	1	
Paducah	24,735		3								
Louisiana:											
New Orleans	387,219	128	15	1			10	1	27	22	
Maine:											
Auburn	16,985	3					4			1	
Bangor	25,978		2								
Bath	14,731	5									
Biddeford	18,008	6	3	1							
Lewiston	31,791	8	1				7		1		
Portland	69,272	20	10				6			1	
Sanford	10,691	6									
Waterville	13,351		1		1						

CITY REPORTS FOR WEEK ENDED DEC. 10, 1921—Continued.

DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS—Continued.

City.	Popula- tion Janu- ary 1, 1920, subject to correction.	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuber- culosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Maryland:										
Baltimore.....	733,826	192	37	2	64		50	2	28	18
Cumberland.....	29,837	11	4		2		3		2	
Massachusetts:										
Arlington.....	18,665	5			2					
Attleboro.....	19,731	11	1							2
Belmont.....	10,749	0	1							
Beverly.....	22,561	6	2	1						
Boston.....	748,060	188	77	3	45		29		43	12
Braintree.....	10,580	4								
Brookline.....	37,748	8							2	1
Cambridge.....	109,694	23	4				7		3	
Chelsea.....	43,184	9	1				2			2
Chilcopee.....	36,214	9	6				2		3	2
Clinton.....	12,979	2							1	
Danvers.....	11,108		1							
Everett.....	40,120	9	4		4		5		1	
Fall River.....	120,485	29	4				2		8	3
Frammingham.....	17,033	12								
Gardner.....	16,971	1	4							
Greenfield.....	15,462	4	2		4		1			
Haverhill.....	53,884	12	6				1			
Holyoke.....	60,203	2			1				3	1
Lawrence.....	94,270	24	7	1	9		1		2	3
Leominster.....	19,744	3								
Lowell.....	112,479	33	5		2		1		2	2
Lynn.....	99,148	17	11				1	1	4	1
Malden.....	49,103	13	11		2		9		1	1
Medford.....	39,028	8			17		2		3	2
Melrose.....	18,204	10		1						1
Methuen.....	15,189	4					2			
Natick.....	19,907		1							
New Bedford.....	121,217	31	10				1		4	5
Newburyport.....	15,618	4								
Newton.....	46,054	12	4				1			1
North Adams.....	22,282	5	1				2		1	
Northampton.....	21,951	7					2		2	
Northbridge.....	10,174								2	
Norwood.....	12,627	3							2	
Peabody.....	19,552	2	1	1			1		1	
Pittsfield.....	41,751	11	6	1			4		2	1
Plymouth.....	13,045	4								1
Quincy.....	47,876	8	5		8		8		1	
Salem.....	42,529	7	3		1		1			
Somerville.....	93,091	12	4	1	6		1		4	2
Southbridge.....	14,245	1	1		1					
Springfield.....	129,563	28	8	1	4		5		4	
Wakefield.....	13,025	2					3			
Waltham.....	30,915	10	1				3		1	1
Watertown.....	21,457	3								
Webster.....	13,258	2								
Westfield.....	18,604	2	1						1	1
Weymouth.....	15,057	1								
Winthrop.....	15,455	2								
Woburn.....	16,574	5								
Worcester.....	179,754	37	1		2		6		3	2
Michigan:										
Ann Arbor.....	19,516	7	8							
Battle Creek.....	36,164		6		2		3			
Benton Harbor.....	12,233	4	4				5		1	
Detroit.....	993,739	168	119	6	63		65		35	17
Flint.....	91,599	22	22	3			15			1
Grand Rapids.....	137,634	38		1						
Hamtramck.....	48,615	8	5						4	2
Highland Park.....	46,499	10	3				2			
Holland.....	12,166	1	1				1			1
Ishpeming.....	10,500	2								
Jackson.....	48,374	15	7	1			9			
Kalamazoo.....	48,858	24	26	1			22		5	
Marquette.....	12,718	2								
Muskegon.....	36,570	6	8	1			1			
Pontiac.....	34,273	17	10				3			3
Port Huron.....	25,944	10					1		2	
Sault Ste. Marie.....	12,096	5					5		1	1

CITY REPORTS FOR WEEK ENDED DEC. 10, 1921—Continued.

DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS—Continued.

City.	Popula- tion Janu- ary 1, 1920, subject to correction.	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuber- culosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Minnesota:										
Austin.....	10, 118	1					1			
Duluth.....	98, 917	18	6				13		4	1
Hibbing.....	15, 089	2	1							
Mankato.....	12, 469						3			
Minneapolis.....	380, 582	88	36	3	4		66	1	23	5
Rochester.....	13, 722	21								2
St. Cloud.....	15, 873		2				3		2	
St. Paul.....	234, 595	61	27	2	1		29		13	5
Winona.....	19, 143		1				3			
Missouri:										
Independence.....	11, 686	12							1	1
Joplin.....	29, 855		2				2			
Kansas City.....	324, 410	92	39	4	1		10		4	3
Saint Joseph.....	77, 939	34					8			
Saint Louis.....	772, 897	203	127	3	3		18		23	11
Springfield.....	39, 631	14								2
Montana:										
Billings.....	15, 100	4	1				1			
Butte.....	41, 611	10	1							1
Great Falls.....	24, 121	8	7		2		2		1	
Missoula.....	12, 668	5							1	
Nebraska:										
Lincoln.....	54, 934	15			2		2			
Omaha.....	191, 601	24	16		15		6			
Nevada:										
Reno.....	12, 016	3								
New Hampshire:										
Berlin.....	16, 104	2								
Concord.....	22, 167	6					2			
Dover.....	13, 029	2					1			
Keene.....	11, 210	7								
Nashua.....	28, 379	2		1					4	
New Jersey:										
Asbury Park.....	12, 400	0								
Atlantic City.....	50, 682	9	3		1		3			
Bayonne.....	76, 754		6				4		2	
Bloomfield.....	22, 019	5	1		3		4			
Clifton.....	26, 470	2	1				3			
East Orange.....	50, 710	9	1				6		2	1
Elizabeth.....	95, 682		19		1		15			
Englewood.....	11, 627	7	2				1		1	
Garfield.....	19, 381		1						1	
Hackensack.....	17, 667	8		1	1					1
Harrison.....	15, 721						1			
Hoboken.....	68, 166	15	2				3			
Jersey City.....	297, 864		27		18		10		13	
Keamy.....	26, 724	5	2		9		1		3	1
Montclair.....	28, 810	5					7			
Morristown.....	12, 548	4	1		1		2			1
New Brunswick.....	32, 779	7	2				2		1	2
Newark.....	414, 216	88	27	1	40	1	40		18	7
Orange.....	33, 268	8	3				4		2	1
Passaic.....	63, 824	14	8		2		4		4	1
Paterson.....	135, 866		9		10		2		8	
Perth Amboy.....	41, 707		6		6		1		2	
Phillipsburg.....	16, 923	5							1	1
Plainfield.....	27, 700	3	2		5		4			1
Rahway.....	11, 042	7	1				3		1	
Summit.....	10, 174	5	1							
Trenton.....	119, 289	32	7		1		2		2	2
Union.....	20, 651		2							
West Hoboken.....	40, 068	6	2						2	
West New York.....	29, 926	5	1				1			
West Orange.....	15, 573		1							
New Mexico:										
Albuquerque.....	15, 157	7	1				1		1	2
New York:										
Albany.....	113, 344		15		2		1		4	
Auburn.....	36, 192	10	6	1			3			1
Binghamton.....	66, 800	15	8				9		1	1
Buffalo.....	506, 775	82	50	1	5		30		20	7
Cohoes.....	22, 987	4					3			2

CITY REPORTS FOR WEEK ENDED DEC. 10, 1921—Continued.

DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS—Continued.

City.	Popula- tion Janu- ary 1, 1920, subject to correction.	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuber- culosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
New York—Continued.										
Elmira.....	45,305	16	1	.....	8	.....	4	.....	.....	1
Geneva.....	14,648	4	.....	.....	.....	.....	.....	.....	.....	.....
Glens Falls.....	16,638	6	1	.....	.....	.....	.....	.....	.....	.....
Hudson.....	11,745	6	1	.....	10	.....	1	.....	1	.....
Ithaca.....	17,004	5	4	.....	.....	.....	.....	.....	.....	.....
Lackawanna.....	17,918	3	1	.....	.....	.....	2	.....	.....	.....
Little Falls.....	13,029	4	.....	.....	.....	.....	.....	.....	.....	.....
Lockport.....	21,308	2	.....	.....	.....	.....	6	.....	.....	.....
Middletown.....	18,420	.....	.....	.....	.....	.....	.....	.....	1	.....
Mount Vernon.....	42,726	8	3	.....	.....	.....	.....	.....	1	.....
Newburgh.....	30,366	12	1	.....	.....	.....	1	.....	.....	.....
New York.....	5,621,151	1,201	247	17	217	4	225	3	1,349	194
Niagara Falls.....	50,760	10	5	.....	.....	.....	18	.....	1	1
Ogdensburg.....	14,909	5	.....	.....	.....	.....	.....	.....	.....	.....
Olean.....	20,506	6	2	.....	.....	.....	.....	.....	.....	.....
Peekskill.....	15,868	2	.....	.....	.....	.....	.....	.....	.....	.....
Plattsburg.....	10,909	2	.....	.....	.....	.....	.....	.....	.....	.....
Port Chester.....	16,573	6	.....	.....	1	.....	6	1	.....	.....
Poughkeepsie.....	35,000	10	2	.....	1	.....	.....	.....	.....	1
Rochester.....	295,750	62	20	1	.....	.....	8	.....	24	1
Saratoga Springs.....	13,181	7	1	.....	.....	.....	.....	.....	2	2
Schenectady.....	88,723	10	7	.....	.....	.....	16	1	4	.....
Syracuse.....	171,717	47	46	1	1	.....	22	.....	7	4
Troy.....	72,013	15	4	.....	.....	.....	.....	.....	8	1
Watertown.....	31,285	7	1	.....	.....	.....	2	.....	2	.....
Watervliet.....	16,073	4	.....	.....	.....	.....	.....	.....	.....	.....
White Plains.....	21,031	4	1	.....	3	.....	1	.....	.....	.....
Yonkers.....	100,226	24	4	.....	1	.....	15	.....	.....	2
North Carolina:										
Charlotte.....	46,338	11	2	.....	1	.....	2	.....	.....	.....
Durham.....	21,719	3	1	.....	.....	.....	2	.....	.....	2
Rocky Mount.....	12,742	5	.....	.....	.....	.....	.....	.....	.....	.....
Salisbury.....	13,881	1	.....	.....	.....	.....	.....	.....	.....	.....
Wilmington.....	33,372	12	1	.....	1	.....	1	.....	1	2
Winston-Salem.....	48,335	17	.....	.....	.....	.....	3	.....	.....	2
Ohio:										
Akron.....	208,435	24	10	.....	1	.....	21	.....	.....	.....
Alliance.....	21,603	7	1	.....	.....	.....	1	.....	.....	1
Ashtabula.....	22,082	3	1	.....	.....	.....	.....	.....	.....	.....
Barberton.....	18,811	4	1	.....	.....	.....	.....	.....	.....	.....
Bucyrus.....	10,425	1	1	.....	.....	.....	1	1	.....	.....
Canton.....	87,091	13	22	2	.....	.....	5	.....	1	.....
Chillicothe.....	15,831	10	.....	.....	.....	.....	.....	.....	.....	.....
Cincinnati.....	401,247	121	36	1	5	.....	11	1	20	6
Cleveland.....	796,836	61	.....	.....	35	.....	80	.....	.....	.....
Cleveland Heights.....	15,236	.....	.....	.....	.....	.....	2	.....	.....	.....
Columbus.....	237,031	57	34	1	.....	.....	15	1	5	2
Coshocton.....	10,847	2	.....	.....	.....	.....	4	.....	.....	.....
Dayton.....	152,559	40	6	.....	.....	.....	6	.....	1	.....
East Cleveland.....	27,292	4	5	.....	2	.....	.....	.....	.....	.....
Findlay.....	17,021	4	2	.....	.....	.....	.....	.....	.....	.....
Fremont.....	12,468	2	.....	.....	2	.....	.....	.....	.....	.....
Hamilton.....	39,675	10	6	.....	.....	.....	.....	.....	.....	1
Ironton.....	14,007	3	2	.....	.....	.....	.....	.....	.....	.....
Kenmore.....	12,683	.....	1	.....	.....	.....	.....	.....	.....	.....
Lancaster.....	14,703	6	2	1	.....	.....	1	.....	.....	2
Lima.....	41,303	7	13	1	.....	.....	1	.....	.....	1
Lorain.....	37,295	.....	3	.....	4	.....	9	.....	.....	.....
Mansfield.....	27,821	5	1	.....	.....	.....	.....	.....	.....	.....
Marion.....	27,891	.....	5	.....	.....	.....	6	.....	.....	.....
Middletown.....	23,394	1	1	.....	.....	.....	.....	.....	1	1
New Philadelphia.....	10,718	.....	2	.....	.....	.....	1	.....	.....	.....
Niles.....	13,080	2	2	.....	.....	.....	.....	.....	.....	1
Norwood.....	24,966	5	.....	.....	.....	.....	1	.....	.....	.....
Piqua.....	15,014	2	.....	.....	.....	.....	.....	.....	.....	.....
Salem.....	10,395	5	.....	.....	.....	.....	.....	.....	.....	.....
Sandusky.....	22,897	7	1	.....	.....	.....	1	.....	.....	.....
Springfield.....	60,840	11	23	2	.....	.....	.....	.....	1	1
Steubenville.....	28,508	6	.....	.....	.....	.....	2	.....	.....	.....
Tiffin.....	14,375	1	.....	.....	.....	.....	1	.....	.....	.....

¹ Pulmonary tuberculosis only.

CITY REPORTS FOR WEEK ENDED DEC. 10, 1921—Continued.

DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS—Continued.

City.	Popula- tion Janu- ary 1, 1920, subject to correction.	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuber- culosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Ohio—Continued.										
Toledo.....	243,109	76	29	3			6		2	6
Youngstown.....	132,358	19	8	1	1		7		1	
Zanesville.....	29,569	10	1				1			1
Oklahoma:										
Oklahoma City.....	91,258	17	13				3		1	
Tulsa.....	72,075		6				2			
Oregon:										
Portland.....	258,288	50	24		3		6		2	2
Pennsylvania:										
Philadelphia.....	1,823,158	462	74	9	8		140	3	63	33
Rhode Island:										
Cranston.....	29,407	4							3	
East Providence (town).....	21,793		2							
Newport.....	30,255	2	1				4			
Pawtucket.....	64,248	17								
Providence.....	237,595	72	7	1	1		1			5
South Carolina:										
Charleston.....	67,957	17	2				6			2
Columbia.....	37,524		4				1			
Greenville.....	23,127	2					3			1
South Dakota:										
Sioux Falls.....	25,176	4					1			
Tennessee:										
Chattanooga.....	57,895		1				1			
Knoxville.....	77,818		2				1		1	1
Memphis.....	162,351	54	19	1			6		12	4
Nashville.....	118,342	38	8		1				1	2
Texas:										
Beaumont.....	40,422	7	5							2
Corpus Christi.....	10,522	4								
Dallas.....	158,976	35	8	2			1		1	2
El Paso.....	77,543	34	1				4			13
Fort Worth.....	106,482	26	4		1		1		2	2
Galveston.....	44,255	10	1							1
Houston.....	138,076	49	5				1		1	1
Waco.....	38,500	5					1			
Utah:										
Salt Lake City.....	118,110	31	6	1	4		14			
Vermont:										
Barre.....	10,008						4			
Burlington.....	22,779	2	1				2			
Rutland.....	14,954	2								
Virginia:										
Alexandria.....	18,060	7			1					
Danville.....	21,539	5	2		6		1			
Lynchburg.....	29,956	8	2		2				3	
Newport News.....	35,596	11	3	1	1		1		15	
Norfolk.....	115,777		7				2		5	1
Petersburg.....	31,002	9	2				2		3	1
Portsmouth.....	54,387	10	3							3
Richmond.....	171,667	48	17	1	3		6		10	6
Roanoke.....	50,842	12	9		1		3			
Washington:										
Bellingham.....	25,570		1		1		2			
Seattle.....	315,652		7		3		3		17	
Spokane.....	104,437		7				12			
Tacoma.....	96,965		1				1		2	
Vancouver.....	12,637		1							
Walla Walla.....	15,503		2		1				3	
Yakima.....	18,539		2				1			
West Virginia:										
Bluefield.....	15,282	4	4							
Charleston.....	39,608	11	7				7			1
Fairmont.....	17,851		4				3			
Huntington.....	50,177	10	2				2			2
Moundsville.....	10,669	3					3			
Parkersburg.....	20,050	6	2	1			1			
Wheeling.....	54,322	10	6				4			1

CITY REPORTS FOR WEEK ENDED DEC. 10, 1921—Continued.

DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS—Continued.

City.	Popula- tion Janu- ary 1, 1920, subject to correction.	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuber- culosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Wisconsin:										
Appleton.....	19,561		4				1			
Beloit.....	21,284	6	12						3	1
Eau Claire.....	20,880				1		3			
Fond du Lac.....	23,427	3	6							
Green Bay.....	31,017	6	7				1			
Janesville.....	18,293	4	2						2	
Kenosha.....	40,472	3	6				4			1
Madison.....	38,378	3	1							
Manitowoc.....	17,563						1			
Marinette.....	13,610		1		1		3			
Milwaukee.....	457,147		31		1		26		13	
Oshkosh.....	33,162	6	1				1			
Racine.....	58,593		4				17		2	
Sheboygan.....	30,955		2						3	
Stevens Point.....	11,371		2				3			
Superior.....	39,624	10	3				6			
Waukesha.....	12,558		1							
Wausau.....	18,661		1						1	
Wyoming:										
Cheyenne.....	13,829	0			1		2			

FOREIGN AND INSULAR.

ALGERIA.

Plague—Smallpox—Typhus Fever—October, 1921.

During the month of October, 1921, 2 cases of plague, 26 cases of smallpox, and 42 cases of typhus fever were reported in the colony of Algeria. The report covered the area of the civil departments and military divisions of the colony.

Prevalence of Malaria.

During the period under report, 34 cases of malaria were reported in the colony and numerous unreported cases were stated to be present in the south territories among the Arab population.

CUBA.

Communicable Diseases—Habana.

Communicable diseases have been notified in the Republic of Cuba as follows:

Habana.

Disease.	Dec. 1-10, 1921.		Remain- ing under treatment Dec. 10, 1921.
	New cases.	Deaths.	
Diphtheria.....	1	.....	.....
Leprosy.....	.....	.....	11
Malaria.....	25	1	135
Measles.....	1	.....	2
Scarlet fever.....	5	.....	28
Smallpox.....	.....	.....	21
Typhoid fever.....	4	4	22

¹ From the interior, 20. ² From the interior, 1. ³ From the interior. ⁴ From the interior, 16; from abroad 11.

ITALY.

Plague—Catania.¹

Information dated November 21, 1921, shows the occurrence of two additional cases of plague at Catania, Italy. No connection has been shown to exist between these cases and the fatal case of plague reported at Catania October 24, 1921.

¹ Public Health Reports, Nov. 4, 1921, p. 2754.

JAVA.

Epidemic Plague—1910-1921.

Information has been received under date of October 18, 1921, showing the origin and progress of epidemic plague in the island of Java from 1910 to 1921.

Beginning in the latter part of the year 1910, in the eastern part of the island, the epidemic of plague is stated to have reached its crisis in 1913 and 1914, declining after 1914 in the eastern residencies and extending into the central portions of the island. The harbors of Surabaya and Samarang were declared infected with plague from 1912 to 1916. About July 1920, plague was reported in Batavia in sporadic form. The number of cases reported for the island of Java and the neighboring island of Madoera during the period 1911 to 1921 is as follows:

Year.	Number of cases.
1911.....	2,159
1912.....	2,276
1913.....	11,386
1914.....	15,758
1915.....	6,237
1916.....	1,187
1917.....	655
1918.....	741
1919.....	2,954
1920.....	9,152
1921 ¹	2,356

¹ First half year.

Of the other islands of the East Indian Archipelago, only Sumatra has been reported infected with plague, a few cases having occurred in that island in 1915, in the State of Deli.

POLAND.

Communicable Diseases.

Communicable diseases have been reported in Poland, exclusive of Brest-Litovsk, Minsk, and Wilno, as follows:

July 17-Aug. 14, 1921.

Disease.	Cases.	Deaths.	District with highest mortality.
Cerebrospinal meningitis.....	36	22	Lodz.
Cholera.....	2	1	Wolyn.
Diphtheria.....	302	20	Lodz.
Measles.....	1,896	63	Warsaw.
Scarlet fever.....	2,001	293	Lwow.
Smallpox.....	208	41	Warsaw.
Tuberculosis.....	258	564	Lodz.
Typhoid fever.....	1,826	126	Do.
Typhus fever.....	1,266	90	Lwow.
Typhus (recurrens).....	546	15	Wolyn.

Warsaw—January–June, 1916—January, June, 1921.

Information dated November 18, 1921, has been received showing comparative statistics of prevalence of communicable diseases at Warsaw during the periods January to June, 1916, and January to June, 1921, as follows:

Cases reported.

Disease.	Jan.-June, 1916.	Jan.-June, 1921.
Dysentery.....	326	74
Malaria.....		143
Measles.....	120	600
Peritonitis.....	213	147
Scarlet fever.....	322	461
Smallpox.....	181	325
Tetanus.....		53
Typhoid fever.....	1,012	206
Recurrent typhoid.....		89
Typhus fever.....	2,846	763

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER.**Reports Received During Week Ended Dec. 30, 1921.¹****CHOLERA.**

Place.	Date.	Cases.	Deaths.	Remarks.
India.....				Sept. 18-Oct. 1, 1921: Deaths, 16,475.
Madras.....	Nov. 6-12.....	1		
Rangoon.....	Oct. 30-Nov. 5.....	1	1	
Poland: District—				
Wolyn.....	July 17-Aug. 14.....	2	1	

PLAGUE.

Algeria.....				Oct. 1-31, 1921: Cases, 2.
Oran.....	Nov. 21-30.....	1		
Asia Minor:				
Smyrna.....	Nov. 13-19.....	1	1	
Brazil:				
Bahia.....	Oct. 23-29.....	4	3	
Ceylon:				
Colombo.....	Nov. 23-29.....	3	3	
India:				
Madras Presidency.....	Nov. 6-12.....	211	156	
Rangoon.....	Oct. 23-Nov. 5.....	11	10	
Italy:				
Catania.....	Nov. 21.....	2		
Japan:				
Kobe.....	Nov. 21-27.....	1	1	
Java.....				1910-1921: Cases, 54,862. (Period actually covered—latter part of 1910 to June 30, 1921).
Siam:				
Bangkok.....	Oct. 9-22.....	2	2	
Straits Settlements:				
Singapore.....	Oct. 24-29.....	1	1	

¹ From medical officers of the Public Health Service, American consuls, and other sources.

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.**Reports Received During Week Ended Dec. 30, 1921—Continued.****SMALLPOX.**

Place.	Date.	Cases.	Deaths.	Remarks.
Algeria				Oct. 1-31, 1921: Cases, 26.
Asia Minor:				
Smyrna	Nov. 13-19	1		
Brazil:				
Rio de Janeiro	Oct. 30-Nov. 12.	13		
Canada:				
British Columbia— Vancouver	Nov. 20-Dec. 3.	2		
China:				Present.
Amoy	Oct. 33-Nov. 5			
Shanghai	Nov. 7-13	5		
Cuba:				
Nuevitás	Dec. 5-11	1		
Dominican Republic:				
San Pedro de Macoris	Nov. 28-Dec. 3.	6	3	Estimated 300 cases in district, 50 in city.
Santo Domingo				Nov. 15-24, 1921: In surrounding country.
India				Sept. 18-Oct. 1, 1921: Deaths, 81.
Madras	Nov. 6-12	12	4	
Rangoon	Oct. 30-Nov. 5	2	3	
Jugoslavia:				
July 10-23		16	1	
Mexico:				
Chihuahua	Nov. 28-Dec. 4.		1	
San Luis Potosí	Dec. 4-10		1	
Poland				July 17-Aug. 24, 1921: Cases, 208; deaths, 3.
Warsaw				Jan.-June, 1916: Cases, 181. Jan.-June, 1921: Cases, 325.
Straits Settlements:				
Singapore	Oct. 30-Nov. 5	7		
Turkey:				
Constantinople	Nov. 6-12	3		
Union of South Africa:				
Natal	Oct. 23-29			Outbreaks.
Orange Free State	Oct. 16-29			Do.
Transvaal	do.			Do.
Johannesburg	do.			Present.

TYPHUS FEVER.

Algeria				Oct. 1-31, 1921: Cases, 42.
Oran	Nov. 21-30	1		
Egypt:				
Alexandria	Nov. 5-11	1	1	
Cairo	Sept. 10-30	10	8	
Jugoslavia				July 10-16, 1921: Cases, 45; deaths, 3.
Mexico:				
Mexico City	Nov. 6-19	39		
Poland				July 17-Aug. 14, 1921: Cases, 1,266; deaths, 99.
Warsaw				Jan.-June, 1916: Cases, 2,846. Jan.-June, 1921: Cases, 763.
Turkey:				
Constantinople	Nov. 6-12	8		
Union of South Africa:				
Cape Province	Oct. 16-29			Outbreaks.
Natal	Oct. 23-29			Do.

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.

Reports Received from July 2 to Dec. 30, 1921.

CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
China:				
Amoy.....	July 3-Sept. 10....	.....	15	
Hongkong.....	Aug. 22-Sept. 24....	40	11	
Shanghai.....	Aug. 1-Oct. 9.....	40	13	
Swatow.....	Aug. 14-20.....	1	1	In non-Chinese population. Aug. 1-Oct. 16, 1921: Cases, 197; Chinese, 149; foreign, 48. Oct. 24-Nov. 6: Cases, 2; deaths, 2; in Chinese.
Germany:				
East Prussia— Königsberg.....	Oct. 10.....	3	1	
India:				
Bombay.....	May 1-June 18.....	11	10	Mar. 6-June 25, 1921: Deaths, 75,281. July 3-30, 1921: Deaths, 46,999. Aug. 14-20, 1921: Deaths, 19,033. Aug. 21-Sept. 3, 1921: Deaths, 29,870. Aug. 31-Oct. 1, 1921: Deaths, 62,526.
Do.....	June 26-Oct. 15.....	81	52	
Calcutta.....	May 8-June 25.....	597	521	
Do.....	June 26-Oct. 20.....	213	136	
Karachi.....	July 10-Nov. 5.....	156	139	
Madras.....	May 15-June 25.....	3	2	
Do.....	June 26-Nov. 12.....	16	6	
Rangoon.....	Apr. 24-June 25.....	18	17	
Do.....	June 26-Nov. 5.....	24	17	
Indo-China:				
City—				
Cholon.....	June 6-12.....	5	4	Jan. 1-31, 1921: Cases, 80; deaths, 15. May 20-June 12, 1921: Cases, 251; deaths, 202.
Saigon.....	May 9-June 12.....	65	44	
Do.....	July 4-Sept. 17.....	105	95	Disseminated in neighboring Provinces.
Province—				
Anam.....	Jan. 1-31.....	42	.....	In January, 1920. No cases.
Cambodia.....	do.....	8	2	January, 1920: Cases, 27; deaths, 14.
Cochin-China.....	do.....	15	9	January, 1920: Cases, 13; deaths, 10.
Tonkin.....	do.....	12	4	January, 1920: No cases.
Java:				
East Java—				
Surabaya.....	Sept. 25-Oct. 1.....	2	2	
West Java—				
Lebak.....	Sept. 9-Oct. 27.....	27	14	
Philippine Islands:				
Manila.....	May 22-June 25.....	4	.....
Do.....	July 3-Nov. 5.....	53	6	
Province—				
Batangas.....	June 12-18.....	2	1	
Do.....	July 3-23.....	7	3	
Cavite.....	July 10-Aug. 6.....	2	1	
Cebu.....	June 26-July 2.....	1	.....
Laguna.....	June 19-25.....	1	.....
Do.....	July 3-9.....	1	1	
Mindoro.....	June 12-18.....	1	1	
Pampanga.....	June 5-11.....	1	1	
Tarlac.....	June 19-25.....	1	1	
Union.....	June 26-Aug. 13.....	3	1	
Poland:				
Baranowicze.....	Aug. 18.....	.....	.....	Apr. 24-June 18, 1921: Cases, 5; deaths, 1.
Bialystok.....	July 25.....	.....	.....	Present.
Pinsk.....	do.....	.....	.....	Do.
Wolyn.....	July 17-Aug. 14.....	2	1	Do.
Russia:				
Districts—				
Astrakan.....	Jan. 1-Aug. 10.....	5,132	.....	Jan. 1-Aug. 10, 1921: Cases, 78,011. City of Moscow, cases, 289.
Black Sea.....	do.....	3,152	.....
Kazan.....	Jan. 1-July 13.....	431	.....
Kharkov.....	do.....	257	.....
Kursk.....	Jan. 1-Aug. 10.....	1,227	.....
Moscow.....	Jan. 1-July 13.....	296	.....
Orel.....	Jan. 1-Aug. 10.....	1,968	.....
Rjasan.....	Jan. 1-July 13.....	129	.....
Samara.....	Jan. 1-Aug. 10.....	5,315	.....
Saratov.....	do.....	7,201	.....
Simbirsk.....	do.....	1,160	.....
Tambov.....	do.....	2,561	.....
Tzaritzyn.....	do.....	3,028	.....
Ufa.....	do.....	5,196	.....
Voronezh.....	do.....	3,621	.....

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.**Reports Received from July 2 to Dec. 30, 1921—Continued.****CHOLERA—Continued.**

Place.	Date.	Cases.	Deaths.	Remarks.
Russia—Continued.				
Petrograd.....	July 6.....	6	.....
Republics—				
Bashkir.....	Jan. 1-Aug. 10.....	1,038	.....
Kirghiz.....	do.....	5,687	.....
Tartar.....	do.....	1,178	.....
Tchuvash.....	do.....	233	.....
Rostov-on-Don.....	June 1.....	747	.....	Present on Orenburg-Tashkent line, and at Cheljabinsk, Perm, Petropavlosk, Ufa, and in Smolensk and Vitebsk districts during period under report.
Siberia.....	Jan. 1-Aug. 10.....	1,264	.....	Far Eastern Republic.
Territories—				
Azerbaijan.....	do.....	614	.....
Don.....	do.....	2,006	.....
Turkestan.....	do.....	5,583	.....
Ukraine.....	do.....	.....	.....	Very prevalent; reports incomplete.
Siam:				
Bangkok.....	Apr. 24-June 11.....	19	4	
Do.....	June 26-Oct. 1.....	8	2	
Straits Settlements:				
Singapore.....	June 12-18.....	1	1	
Sumatra:				
Medan.....	Sept. 29-Oct. 6.....	12	4	Chinese arriving on board s. s. Van Cloon from Chinese ports.
On vessels:				
Steamship van Cloon.....	do.....	12	4	At Medan, Sumatra, from Chinese ports. Cases among Chinese.

PLAGUE.

Algeria.....				July 1-31, 1921: Cases, 166; in Aumale district. Oct. 1-31, 1921: Cases, 2.
Algiers.....	Aug. 1-Oct. 10.....	2	1	
Aumale district.....	May 31-July 3.....	71	22	Native district about 140 kilometers from Algiers.
Dour Megnine.....	May 31-Aug. 24.....	185	97	
Oran.....	Sept. 20-Nov. 30.....	2	2	
Asia Minor:				
Smyrna.....	June 19-25.....	1	.....	District.
Do.....	July 3-Nov. 19.....	6	1	Do.
Australia:				
New South Wales—				
Sydney.....	Nov. 30-Dec. 5.....	2	1	Sept. 11-Oct. 8: Dead plague-infected rats found on wharves; 1 rat from vessel from Brisbane. Sept. 19-Oct. 5, 1921: 17 plague rats found in quarantine area. Oct. 26-Nov. 2, 1921: 2 rats found at distance from wharves.
Queensland.....	Sept. 17-Oct. 29.....	.....	.....	Plague rats found, 69. One infected cat found.
Brisbane.....	Aug. 23.....	.....	1	Employee in produce store.
Do.....	Oct. 16-29.....	7	4	36 rats and 1 cat plague infected.
Cairns.....	Oct. 16-22.....	.....	3	Total to Oct 16: Cases, 11; deaths, 6.
Kelvin Grove.....	Sept. 20.....	.....	1	Office cleaner at Brisbane; 1 plague rat.
Toowoomba.....	Oct. 16-22.....	1	.....
Townsville.....	Sept. 21-Oct. 29.....	11	7	Total to Oct. 20, 1921: Cases 21; deaths, 13; 5 plague rats found.
Azores:				
Fayal Island—				
Horta.....	Sept. 4-10.....	1	.....
St. Michael Island.....				
Capelas.....	Aug. 6-12.....	1	1	Oct. 2-22, 1921: Cases, 25; deaths, 13; occurring in vicinity of Ponta Delgada, at Relva, Ribeira Grande, and Santo Antonio.
Ribeira Grande.....	Aug. 6-Nov. 12.....	62	30	

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.

Reports Received from July 2 to Dec. 30, 1921—Continued.

PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Brazil:				
Bahia.....	May 15-June 18....	3	2	
Do.....	July 31-Oct. 29....	21	12	
Maranhao.....	June 28.....	1	1	
Pernambuco.....	Aug. 22-28.....	1	1	
Pindobassu.....				Locality 200 miles west of Bahia; plague reported epidemic during August, 1921, with 63 deaths. Sept. 1-Oct. 22: Epidemic.
Villa Nova.....	Sept. 11-Oct. 22....			Epidemic.
British East Africa:				
Kenya Colony—				
Kisumu.....	Apr. 24-May 21....			Present.
Do.....	June 26-Sept. 24....			Present in vicinity.
Uganda.....	Mar. 1-June 30....	133	101	Reports of native chiefs show 2,769 deaths during same period.
Do.....	July 1-31.....	41	30	Reports of inspectors, deaths, 230; reports of chiefs, deaths, 1,482.
Cape Verde Islands:				
St. Vincent.....	Aug. 12-18.....	6	3	
Ceylon:				
Colombo.....	May 8-June 11....	2	2	
Do.....	June 26-Nov. 29....	12	13	June 26-Oct. 22, 1921: Plague rats, 12.
Chile:				
Antofagasta.....				Oct. 23-29, 1921: 1 plague rat found.
Iquique.....	Sept. 17.....	1		
China:				
Amoy.....	May 15-June 25....	7	2	
Do.....	July 3-Oct. 15....		42	Sept. 11-Nov. 12, 1921: Present; also rodent plague.
Foochow.....	May 15-21.....			Present.
Hongkong.....	Apr. 24-June 25....	81	59	May 1-7, 1921: Plague rats found.
Do.....	June 26-Oct. 1....	41	30	
Manchuria—				
Harbin.....	May 3-22.....	46		
Ecuador:				
Guayaquil.....	May 1-June 15....	10	1	
Do.....	July 16-Sept. 30....	9	4	Plague rats found: Aug. 1-Sept. 30, 1921, 133.
Do.....	Oct. 16-Nov. 15....	9	5	Rats taken, 19,773; examined, 3,086, found infected, 149.
Egypt:				
City—				Jan. 1-Nov. 17, 1921; Cases, 330; deaths, 139.
Alexandria.....	May 21-June 24....	10	3	
Do.....	July 1-Nov. 11....	58	16	
Port Said.....	June 16-27.....	4	2	
Do.....	July 1-Sept. 30....	18	7	
Suez.....	May 20-June 30....	9	5	
Do.....	July 1-Nov. 15....	18	9	
Province—				
Assiout.....	May 24-June 16....	9	7	
Do.....	July 30.....	1		
Beni-Souef.....	July 10.....	1		
Gharbieh.....	June 2-25.....	7		
Do.....	July 8-Sept. 1....	9		
Girgeh.....	July 6-13.....	5	4	
Minieh.....	May 28-June 10....	2	1	
Do.....	July 13-Aug. 18....	7	3	
Greece:				
Piræus.....	Sept. 23.....	3		
Hawaii:				
Honokaa.....	Nov. 18.....	1	1	Pneumonic. Plague rat found Sept. 8, 1921.
Kalopa.....	July 15-19.....	1	1	
Pāauhau.....	May 21.....	1		
India:				
Bombay.....	May 1-June 25....	287	204	May 1-June 25, 1921: Cases, 2,003; deaths, 1,624. June 26-Oct. 22, 1921: Cases, 10,367; deaths, 8,041.
Do.....	June 26-Oct. 22....	95	67	
Calcutta.....	May 8-June 18....	11	11	
Do.....	July 24-Aug. 6....	23	21	
Central Provinces.....	Aug. 14-20.....	27	16	
Karachi.....	May 8-June 25....	18	14	
Do.....	June 26-Oct. 22....	6	6	

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.**Reports Received from July 2 to Dec. 30, 1921—Continued.****PLAGUE—Continued.**

Place.	Date.	Cases.	Deaths.	Remarks.
India—Continued.				
Madras.....	Aug. 20-27.....	1	1	
Madras Presidency.....	May 22-June 25.....	112	72	
Do.....	June 26-Nov. 12.....	2,246	1,474	
Rangoon.....	Apr. 24-June 25.....	162	142	
Do.....	June 26-Nov. 5.....	579	503	
Indo-China.....				Jan. 1-31, 1921: Cases, 57; deaths, 51.
Saigon.....	May 23-June 12.....	4	1	
Do.....	July 10-Oct. 1.....	23	16	Isolated cases in vicinity of Saigon. Sept. 11-24: Plague rats found, 4.
Italy:				
Catania.....	Oct. 24-Nov. 21.....	3		
Naples.....	Sept. 4-Oct. 7.....	5		2 were workers in mill; plague-infected rat found on premises.
Japan:				
Kobe.....	Nov. 21-27.....	1	1	
Java:				
East Java— Surabaya.....	July 10-Oct. 29.....	29	26	Sept. 1-30: Present in the 6 eastern Provinces; 1910-1921: Cases, 54,862. (Period actually covered: Latter part of 1910 to June 30, 1921.)
Madagascar:				
Tananarive.....	June 20-July 24.....	49	46	Pneumonic.
Mauritius:				
Port Louis.....	Aug. 24.....			Present.
Mesopotamia:				
Bagdad.....	Apr. 1-May 31.....	32	35	
Do.....	July 1-Sept. 30.....	2	2	
Mexico:				
Ciudad Victoria.....	June 7.....	1		In State of Tamaulipas. Case confirmed June 20, 1921.
Progreso.....				Plague rat reported found Sept. 10, 1921.
Tampico.....	June 11-30.....	36		
Do.....	July 1-Aug. 21.....	21	8	Infected rodents found July 1-Dec. 10, 1921, 203. Total, Jan. 1 to Dec. 10, 1921, 314.
Vera Cruz.....				Nov. 28-Dec. 5, 1921: 2 plague rats found.
Morocco:				
Spanish Zone.....				Reported present in epidemic form Sept. 29, 1921.
Peru.....				
				Mar. 1-Apr. 30, 1921: Cases, 119; deaths, 64. June 1-30, 1921: Cases, 14; deaths, 10. July 1-15, 1921: Cases, 9; deaths, 3. Sept. 1-30, 1921: Cases, 45; deaths, 22. Oct. 3-15, 1921: Cases, 22; deaths, 13; occurring in departments as follows: Ancachs, Arequipa, Cajamarca, Callao, Lima, Lambayeque, Libertad, and Piura. Oct. 16-31, 1921: Cases, 47; deaths, 27. Nov. 1-15, 1921: Cases, 23; deaths, 8.
Department—				
Ancachs.....	Apr. 1-30.....	4	1	At Huarney.
Arequipa.....	Mar. 1-Apr. 30.....	5	3	At Mollendo.
Do.....	July 1-15.....	2		Do.
Cajamarca.....	Sept. 1-30.....			Present. At Bambamarca, Cajamarca, and other localities.
Callao.....	Mar. 1-June 30.....	16	1	At Callao.
Do.....	July 1-Oct. 31.....	7	6	Do.
Lambayeque.....	Mar. 1-Apr. 30.....	3	2	At Chiclayo.
Do.....	Sept. 1-30.....	2		Do.
Libertad.....	Mar. 1-June 15.....	31	15	In 5 localities.
Do.....	Sept. 1-30.....	3		At San Pedro.
Lima.....	Mar. 1-June 30.....	43	23	At Lima City: Cases 28; deaths, 18.
Do.....	July 1-Sept. 15.....	4	3	At Lima City.
Do.....	Sept. 1-Oct. 31.....	22	4	At Huacho: Cases, 9; deaths, 1. Lima City: Cases, 2; deaths, 1. Country: Cases, 5; deaths, 2.
Piura.....	Mar. 1-June 15.....	31	29	In 4 localities.
Do.....	Sept. 1-15.....	19	15	Deaths occurred at Sechura.
Do.....	Sept. 1-30.....	23	17	At Sechura.

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.

Reports Received from July 2 to Dec. 30, 1921—Continued.

PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Poland.....				In border province, Aug. 9, 1921: Cases, 8.
Porto Rico.....				Total plague-infected rats found from beginning of outbreak to July 9, 1921, 90.
Caguas.....	Aug. 7-20.....	4	2	Sept. 4-24, 1921: Two plague-infected rats found.
Fajardo.....				Aug. 23-Sept. 3, 1921: One plague-infected rat found.
Manati.....	July 17-23.....	1	1	
Martin Pena.....	July 3-9.....	1		Suburb coextensive with San-turce.
San Juan.....				Plague rat on steamship San Luis, in San Juan Harbor, Sept. 9, 1921.
Portugal:				
Lisbon.....	July 29-Sept. 3.....	7		
Portuguese West Africa:				
Angola—				
Loanda.....	Apr. 24-June 18.....	16		
Do.....	July 17-23.....		1	
Rhodes (Island).....	Sept. 20-Oct. 8.....	7		1 fatal case reported late in August, 1921.
Russia:				
Siberia—				
Vladivostok.....	Apr. 1-June 30.....		252	First case occurred Apr. 10, 1921.
Do.....	July 1-31.....		4	
Senegal:				
Dakar.....	May 1-June 30.....	54	47	
Do.....	July 1-Aug. 31.....	117	93	
Siam:				
Bangkok.....	Apr. 24-June 18.....	7	6	
Do.....	July 24-Oct. 22.....	19	15	
Straits Settlements:				
Singapore.....	May 8-June 18.....	5	5	
Do.....	June 24-Oct. 29.....	7	7	
Syria:				
Alexandretta.....	July 10-Aug. 6.....	18	4	
Beirut.....	May 31-June 30.....	2		
Do.....	July 1-Oct. 8.....	24		
Turkey:				
Constantinople.....	July 10-Oct. 22.....	8	5	
Union of South Africa.....				January - April, 1921: Cases (white), 6; deaths, 4. Cases (native), 13; deaths, 6. Occurring in the Orange Free State.
On vessels.....				Plague rats reported, Sept. 21, 1921, on vessels from Brisbane, Australia, at Sydney and other ports.
Steamship Kishenev.....	May 2.....	1		At Chefoo, China. Plague death en route. Vessel sent to quarantine, Kentucky Island, where to May 6 a total of 16 deaths was reported. (Public Health Reports, July 1, 1921, p. 1534.)
Steamship Oreland.....				At Genoa, Italy, June 12, 1921: From La Plata, Argentina. Two fatal cases plague in crew en route.
Steamship Ralph Moller.....	June 8.....	4	1	At Chefoo, China, from Vladivostok, Siberia. Three fatal cases en route. One case with fatal termination removed at Vladivostok.
Steamship San Luis.....	Sept. 9.....			In harbor, San Luis, Porto Rico, Sept. 9, 1921: 1 plague rat.
Steamship Tenyo Maru.....				En route between Nagasaki and Kobe, Japan, June 23, 1921: 1 fatal case.

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.**Reports Received from July 2 to Dec. 30, 1921—Continued.****SMALLPOX.**

Place.	Date.	Cases.	Deaths.	Remarks.
Algeria.....				July 1-31, 1921: Cases, 156. Oct. 1-31, 1921: Cases, 26.
Department—				
Algiers.....	May 1-June 30.....	3		
Do.....	July 1-31.....	153		
Constantine.....	do.....	2		
Oran.....	do.....	1		Sept. 1-10: One case.
Asia Minor:				
Smyrna.....	May 22-28.....	1		On the steamship Nicholas.
Do.....	July 24-Nov. 19.....	3		District.
Australia:				
Victoria—				
Geelong.....	May 5-16.....	2		Mild.
Do.....	July 12-29.....	2		
Melbourne.....	Apr. 9-23.....	4	1	Mild epidemic.
Do.....	July 17-23.....	1	1	Slight epidemic reported.
Bolivia:				
La Paz.....	Apr. 1-30.....	5	4	
Brazil:				
Bahia.....	Sept. 25-Oct. 1.....	2		
Pernambuco.....	Mar. 28-May 22.....	28	4	
Rio de Janeiro.....	May 8-June 18.....	11	2	
Do.....	June 26-Nov. 12.....	148	34	
Sao Paulo.....	May 23-June 26.....	7	2	
Do.....	June 27-Oct. 22.....	16	5	
British East Africa:				
Kenya Colony—				
Zanzibar.....	May 8-14.....	12	4	Origin, India.
Do.....	Aug. 1-31.....	14	6	Districts and towns.
Bulgaria:				
Sofia.....	May 15-31.....	6		
Canada:				
Alberta—				
Calgary.....	May 26-June 18.....	3		
British Columbia—				
Vancouver.....	May 28-June 25.....	8		
Do.....	Oct. 30-Dec. 3.....	2		
Manitoba—				
Winnipeg.....	do.....	6		
Do.....	June 26-Oct. 29.....	15	1	
New Brunswick—				
Charlotte County.....	July 10-Nov. 26.....	25		
St. Stephen.....	Oct. 23-Dec. 10.....	30		Present in vicinity.
Madawaska County.....	Aug. 7-Nov. 19.....	9		
Restigouche County.....	June 19-25.....	1		
Westmoreland County.....	June 26-July 2.....	2		
York County.....	Nov. 20-28.....	1		
Nova Scotia—				
Sydney.....	June 5-18.....	2		
Do.....	June 26-July 2.....	4		
Ontario—				
Cornwall.....	Nov. 15-21.....	11		
Fort William and Port Arthur.....	Aug. 7-27.....	2		
Do.....	Oct. 16-22.....	2		
Hamilton.....	June 12-13.....	3		
Do.....	July 3-9.....	1		
Kingston.....	June 5-11.....	1		
London.....	June 5-25.....	2		At 2 localities in vicinity, 2 cases.
North Bay.....	June 12-25.....	3		
Do.....	June 26-Nov. 26.....	6		
Ottawa.....	June 12-25.....	21		
Do.....	June 26-Dec. 3.....	59		
Toronto.....	Aug. 28-Dec. 10.....	6		
Quebec—				
Montreal.....	June 12-18.....	1		
Do.....	July 17-Nov. 26.....	7		
Saskatchewan—				
Moose Jaw.....	Sept. 4-Oct. 15.....	3		
Regina.....	Oct. 16-22.....	1		
Saskatoon.....	Sept. 26-Dec. 3.....	20		
Chile.....				January-September, 1921: Cases, 5,500; deaths, 2,500.
Antofagasta.....	May 16-June 19.....	228	103	
Do.....	Sept. 18-24.....	5		
Arica.....	May 31.....	2		
Concepcion.....	Sept. 5-Oct. 15.....	6		Reported present in Chillan and Mulchen.

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.

Reports Received from July 2 to Dec. 30, 1921—Continued.

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Chile—Continued.				
Coronel.....	Oct. 3-15.....	40		Mining town. Epidemic.
Lota.....	do.....			Do.
Mejillones.....	May 30-June 5.....			Present; also at interior nitrate plants.
Santiago.....	March-September.....	2,546	1,147	Admitted to hospital.
Talcahuano.....	Sept. 1-Oct. 15.....	3	1	
Valparaiso.....	June 26-Oct. 21.....		53	
China:				
Amoy.....	May 8-June 4.....		4	June 5-25: Present.
Do.....	June 26-Nov. 5.....		3	Sept. 11-Nov. 5: Present.
Antung.....	May 16-June 26.....	12	2	
Canton.....	Apr. 1-30.....			Present.
Chungking.....	May 1-June 25.....			Do.
Do.....	June 26-Oct. 29.....			Do.
Foochow.....	May 8-June 25.....			Do.
Do.....	June 26-Oct. 29.....			Do.
Hankow.....	May 15-21.....	4	1	
Do.....	July 10-16.....	1		
Hongkong.....	Apr. 24-June 25.....	99	84	
Do.....	July 24-Oct. 15.....	5	1	
Manchuria—				
Dairen.....	May 9-June 26.....	44	5	
Do.....	June 27-Oct. 9.....	9	3	
Harbin.....	May 16-June 13.....	5		
Do.....	June 27-Oct. 23.....	3		
Mukden.....	May 22-June 11.....			Do.
Do.....	July 3-Nov. 12.....			Do.
Nanking.....	May 8-June 25.....			Do.
Do.....	June 26-Nov. 5.....			Do.
Shanghai.....	June 20-26.....	1		
Do.....	July 3-Nov. 13.....	15	1	In International Settlement, Oct. 24-30: Cases, 4 (foreign); deaths, 3 (Chinese). Dec. 8: Present.
Tientsin.....	May 8-June 25.....	31		Mission hospital.
Do.....	June 26-Aug. 20.....	9	1	
Tsingtau.....	May 9-June 12.....	4	1	
Do.....	July 25-31.....	1		
Chosen (Korea):				
Chemulpo.....	May 1-June 30.....	11	3	
Fusan.....	do.....	12	3	
Gensan.....	do.....	5	2	
Seoul.....	do.....	3		
Colombia:				
Santa Marta.....	June 5-25.....			Present.
Do.....	June 26-Aug. 27.....			Do.
Cuba.....				Oct. 11-Nov. 10, 1921: Cases, 586.
City—				
Antilla.....	June 5-25.....	7		
Do.....	June 26-Nov. 26.....	75		
Cienfuegos.....	June 26-Sept. 3.....	3		
Matanzas.....	June 12-18.....	1	1	
Do.....	July 3-31.....	4	2	
Nuevitas.....	July 4-Dec. 11.....	18		6 of those reported found in vicinity.
Preston.....	Oct. 2-15.....	4		
Santiago.....	June 1-30.....	28	2	
Do.....	July 1-Dec. 3.....	70	1	
Province—				
Camaguey.....	Nov. 1-10.....	70		
Habana.....	do.....	1		
Oriente.....	do.....	99		
Santa Clara.....	do.....	4		
Dominican Republic				
La Ramona.....	Aug. 25.....			In eastern Provinces, Aug. 25, 1921, 2,000 cases, estimated.
San Pedro de Macoris.....	Aug. 19-Dec. 3.....	79	11	Cases numerous.
				On sugar estates in same Province, about 400 cases, Aug. 19-25. Estimated 500 cases in the District of Macoris, 50 of which were within city limits. Nov. 28-Dec. 3, 300 cases in district, estimated; 50 in city.
Santo Domingo.....	Sept. 1-Nov. 14.....	92		Dec. 3: Present in surrounding country.

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.

Reports Received from July 2 to Dec. 30, 1921—Continued.

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Ecuador:				
Eloy Alfaro.....	Aug. 1-15.....	1	.....
Guayaquil.....	May 1-June 30.....	31	.....
Do.....	July 1-Nov. 15.....	46	4	
Egypt:				
Cairo.....	Mar. 19-Apr. 29.....	2	1	
Port Said.....	Apr. 2-May 20.....	10	.....
Finland	May 1-15.....	1	.....
France:				
Brest.....	May 22-June 4.....	18	.....
Cherbourg.....	Aug. 1-31.....	1	.....	Varioloid.
Paris.....	July 22-31.....	2	1	
Rouen.....	May 1-29.....	2	.....
Germany				Apr. 24-May 28, 1921: Cases, 12. Additional, Apr. 17-May 7, 1921: Cases, 57; deaths, 7.
Great Britain:				
Cardiff.....	Nov. 13-19.....	4	5	
Nottingham.....	May 29-June 4.....	1	.....
Do.....	July 3-Nov. 5.....	61	.....	Stated Aug. 17 to be epidemic and to have begun about 2 months previous to date; 57 cases reported.
Queensdown.....	July 3-9.....	1	.....
Southampton.....	June 26-July 2.....	1	.....
Greece:				
Saloniki.....	June 6-12.....	.....	1	
Haiti:				
Cape Haitien.....	June 19-25.....	24	2	
Do.....	June 26-Nov. 22.....	242	21	
Port au Prince.....	Sept. 11-Dec. 3.....	.....	.....	Present.
India:				Mar. 20-May 21, 1921: Deaths, 3,232. June 5-25, 1921: Deaths, 958. July 3-9, 1921: Deaths, 393. July 24-30, 1921, 118 deaths. Aug. 14-20, 1921: Deaths, 56. Sept. 18-Oct. 1, 1921: Deaths, 81.
Bombay.....	May 1-June 25.....	84	50	
Do.....	June 26-Oct. 8.....	70	47	
Calcutta.....	May 8-June 25.....	8	8	
Do.....	June 26-Oct. 22.....	13	10	
Karachi.....	May 29-June 25.....	25	17	
Do.....	June 26-July 30.....	8	2	
Madras.....	May 8-June 25.....	33	11	
Do.....	June 26-Nov. 12.....	125	59	
Rangoon.....	Apr. 24-June 4.....	20	3	
Do.....	July 10-Nov. 5.....	6	3	
Indo-China:				Jan. 1-31, 1921: Cases, 102; deaths, 15.
City—				
Saigon.....	May 9-15.....	2	1	
Do.....	Aug. 21-Sept. 24.....	2	2	
Provinces—				
Anam.....	Jan. 1-31.....	35	.....	January, 1920: Cases, 16; deaths, 3.
Cambodia.....	do.....	21	3	January, 1920: Cases, 139; deaths, 54.
Cochin China.....	do.....	19	12	January, 1920: Cases, 8; deaths, 1.
Tonkin.....	do.....	27	.....	January, 1920: Cases, 224; deaths, 43.
Italy:				
Catania.....				Province: June 6-20, 1921: Cases, 5. In Province: Cases, 7.
Do.....	July 13-Aug. 14.....	.....	.....
Genoa.....	Apr. 1-May 31.....	11	.....
Do.....	July 4-10.....	2	.....
Messina.....	May 23-June 26.....	2	1	
Do.....	July 11-17.....	1	.....
Palermo.....	May 18-June 21.....	7	1	In Province: July 4-17, 1921: Cases, 9.
Milan.....	Apr. 1-30.....	2	.....
Do.....	June 29-July 19.....	3	.....
Japan:				
Kobe.....	May 24-June 26.....	3	.....
Nagasaki.....	May 23-June 26.....	6	1	
Taiwan Island.....	July 1-Nov. 10.....	2	1	
Java:				
East Java—				
Surabaya.....	June 19-25.....	2	.....
Do.....	July 10-Aug. 20.....	10	1	
West Java—				
Bandoeng.....	May 27-June 3.....	1	.....
Do.....	July 8-Oct. 27.....	2	.....
Batavia.....	May 6-June 23.....	17	15	
Do.....	July 1-Oct. 27.....	111	47	

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.

Reports Received from July 2 to Dec. 30, 1921—Continued.

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Java—Continued.				
West Java—Continued.				
Buitenzorg.....	Apr. 29-June 23.....	16	.....
Do.....	July 22-Oct. 27.....	64	12	
Garost.....	May 6-12.....	1	.....
Do.....	July 8-Aug. 4.....	4	.....
Krawang.....	Apr. 29-June 30.....	33	5	
Do.....	July 22-Oct. 27.....	19	1	
Lebak.....	Apr. 29-May 26.....	12	2	
Do.....	Oct. 14-21.....	1	.....
Meester Cornelis.....	Oct. 7-27.....	7	3	
Pandegiang.....	June 3-30.....	2	1	
Do.....	July 8-Oct. 13.....	2	4	
Tangeran.....	Sept. 16-Oct. 27.....	25	1	
Soekaboemi.....	Sept. 9-15.....	1	.....
Jugoslavia.....				Mar. 14-May 13, 1921: Cases, 334; deaths, 83. June 27-July 23, 1921: Cases, 127; deaths, 28.
Mesopotamia:				
Bagdad.....	Apr. 1-May 31.....	3	1	
Do.....	Aug. 1-31.....	20	4	
Mexico:				
Chihuahua.....	May 23-June 27.....		3	
Do.....	Oct. 3-Dec. 4.....		6	
Guadalajara.....	June 1-30.....	3	.....
Do.....	July 1-Sept. 30.....	13	3	
Mexico City.....	May 15-June 25.....	246	.....	Including municipalities in Federal District.
Do.....	June 26-Nov. 5.....	250	.....	Do.
San Luis Potosi.....	July 17-Dec. 10.....		4	
Tampico.....	July 11-20.....	1	.....
Torreón.....	Sept. 1-30.....	2	.....	Nov. 1-30, 1921: Deaths, 50.
Vera Cruz.....	June 13-19.....		1	
Do.....	July 11-Sept. 11.....		3	
Newfoundland:				
Tilton.....	Aug. 20-26.....	3	.....
Panama:				
Canal Zone.....	Apr. 1-May 31.....	2	.....	Jan. 1-Sept. 19, 1921: Cases, 208, of which 33 were nonresidents.
Colon.....	Jan. 1-May 31.....	111	.....	Sept. 20-Oct. 30, 1921: Cases, 3; 1 from Taboga Island, 2 from interior of Panama. Nov. 1-Dec. 2, 1921: Cases, 3; one non-resident.
Do.....	Aug. 30-Nov. 10.....	2	.....	From the interior.
Panama.....	Feb. 1-June 3.....	54	.....	Sept. 4-19; 1 from interior.
Do.....	July 1-Dec. 2.....	5	.....
Poland:				
District—				
Bialystok.....	Mar. 1-Apr. 30.....	3	.....	Mar. 1-Apr. 30, 1921: Cases, 1,117; deaths, 142. Apr. 24-May 21, 1921: Cases, 677; deaths, 148.
Cracovia.....	do.....	56	6	May 22-June 18, 1921: Cases, 404; deaths, 74. June 19-July, 1921: Cases, 334; deaths, 16.
Kielce.....	do.....	188	26	38. July 17-Aug. 24, 1921: Cases, 208; deaths, 3. Statistics for Brest-Litovsk, Minsk, and Vilna not included.
Leopol.....	do.....	52	16	In Teschen.
Lodz.....	do.....	72	9	
Lublin.....	do.....	397	30	
Posen.....	do.....	26	2	
Silesia.....	do.....	10	.....
Stanislawow.....	do.....	30	5	
Tarnopol.....	do.....	156	31	
Warsaw.....	do.....	36	4	
Warsaw City.....	do.....	90	13	January-June, 1916: Cases, 181. January-June, 1921: Cases, 325.
Portugal:				
Lisbon.....	May 15-June 25.....		34	
Do.....	June 26-Nov. 12.....	56	8	
Oporto.....	June 19-25.....	1	.....
Do.....	Sept. 11-Oct. 29.....	3	.....
Portuguese East Africa:				
Lourenco Marques.....	May 8-28.....	8	.....
Do.....	July 10-Oct. 8.....	15	4	
Rumania:				
District—				
Cahul.....				March-October, 1921: Cases, 17.
Chisinau.....	Sept. 1-Oct. 31.....	23	.....	In Bessarabia.
Hotin.....	Apr. 1-30.....	40	9	
Orhei.....	Mar. 1-31.....	2	.....

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.**Reports Received from July 2 to Dec. 30, 1921—Continued.****SMALLPOX—Continued.**

Place.	Date.	Cases.	Deaths.	Remarks.
Russia:				
Province—				
Esthonia.....	Apr. 1-June 30.....	11		
Do.....	July 1-Sept. 30.....	55		
Latvia.....	Apr. 1-May 31.....	41		
Do.....	July 1-Aug. 31.....	38		
Siberia—				
Vladivostok.....	June 1-30.....	1		
Serbia.....				Mar. 24-May 21: Cases, 205; deaths, 41.
Belgrade.....	Aug. 7-20.....	2	1	
Senegal:				
Dakar.....	May 1-31.....	1	1	
Spain:				
Barcelona.....	May 12-June 22.....		13	
Do.....	July 7-Oct. 26.....		13	
Huelva.....	July 1-Aug. 31.....		3	
Madrid.....	June 1-30.....	2		
Do.....	Aug. 1-31.....		1	
Malaga.....	May 1-June 30.....		57	
Do.....	July 1-Aug. 31.....		57	
Seville.....	Oct. 19-Nov. 1.....	1	1	
Tarragona.....	May 9-15.....	1	1	
Valencia.....	May 22-28.....	1		
Do.....	July 2-Aug. 20.....	9	2	
Straits Settlements:				
Singapore.....	June 12-18.....	1		
Do.....	July 10-Oct. 8.....	32	9	
Sweden:				
Goteborg.....	Nov. 6-12.....	1		
Malmö.....	Oct. 23-29.....	1		
Switzerland:				
Basel.....	Sept. 11-Oct. 1.....	5		
Zürich.....	May 28-June 11.....	10		
Do.....	July 3-Sept. 2.....	4		
Syria:				
Aleppo.....	Apr. 9-16.....			Present.
Beirut.....	May 10-30.....	1	1	
Do.....	Aug. 8-14.....	1	1	
Tunis:				
Tunis.....	May 20-June 17.....	2	3	
Do.....	July 2-Nov. 4.....	15	13	
Turkey:				
Constantinople.....	June 12-25.....	5		
Do.....	June 26-Nov. 19.....	20	1	
Union of South Africa:				
				January - April, 1921: Cases (white), 18; deaths, 1. Cases (native), 192; deaths, 5. May 1-31, 1921: Cases, 65; deaths, 3, all natives. June 1-30, 1921: Cases, 64, of which 1 white; July 1-31, 1921: Natives—Cases, 129; deaths, 2. White—1 case. Aug. 29-Sept. 3, outbreaks in Cape Province, Orange Free State, and Transvaal. Aug. 1-31, 1921: Cases, 79; deaths, 1. Sept. 1-30, 1921: Cases, 113; 1 death. White, 16 cases; native, 97 cases, 1 death.
Cape Province.....	Apr. 24-June 25.....			Fresh outbreaks.
Do.....	July 1-Aug. 27.....	118		Aug. 27-Oct. 15: Outbreaks, Sept. 1-30: Cases, 31; deaths, 1. Native.
Natal.....	Apr. 24-June 25.....			Fresh outbreaks.
Do.....	July 1-27.....	1		Sept. 4-Oct. 29: Outbreaks.
Durban.....	Aug. 7-27.....	3		Stated to have been imported.
Orange Free State.....	May 29-June 25.....			Outbreaks.
Do.....	Aug. 21-Sept. 17.....			Present. Sept. 1-30: Cases, 46; white, 2; native, 44. Oct. 16-20: Outbreaks.
Southern Rhodesia:				
Transvaal.....	July 14-Oct. 12.....	73	22	
Do.....	May 22-June 18.....			Present.
Johannesburg.....	July 1-31.....	11		Aug. 27-Oct. 29: Outbreaks.
Do.....	July 1.....	2		Sept. 1-30: Cases, 38; white, 14; native, 22.
Do.....	Sept. 1-10.....	32	11	District. City, Sept. 1-30: Cases, 14. Oct. 16-29: Present.

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.

Reports Received from July 2 to Dec. 30, 1921—Continued.

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
On vessels:				
Steamship Craster Hall.....				Arrived Mobile, Ala., Oct. 8, 1921, from Buenos Aires, Rio de Janeiro, and Barbados. One case in crew removed at Barbados, Sept. 28, 1921.
Steamship Montoro.....	Aug. 31.....	1		At Batavia, Java, from Singapore Aug. 27. Vessel proceeded from Batavia to Port Darwin and Townsville.
Steamship Niagara.....	June 1.....	1		At Sydney, Australia, from Vancouver via Fiji and New Zealand.

TYPHUS FEVER.

Algeria.....				July 1-13, 1921: Cases, 528. Oct. 1-31, 1921: Cases, 43.
Department—				
Algiers.....	May 1-June 30.....	109	25	
Do.....	July 1-Oct. 31.....	147		
Constantine.....	July 1-31.....	251		
Military Division.....	do.....	3		
Oran.....	May 22-June 30.....	35	28	
Do.....	July 1-31.....	39		
Oran (City).....	Oct. 11-Nov. 20.....	3	1	
Southern Territory.....	July 1-31.....	89		
Asia Minor:				
Smyrna.....	June 12-18.....	1		In district.
Do.....	Aug. 28-Oct. 29.....	5		Do.
Bolivia:				
La Paz.....	Apr. 1-June 30.....	50	51	
Do.....	July 1-31.....	19	3	
Brazil:				
Bahia.....	June 19-25.....	1	1	
Do.....	Aug. 7-13.....	1	1	
Porto Alegre.....	June 19-25.....		3	
Do.....	Aug. 7-13.....		1	
Canary Islands:				
Teneriffe.....	Aug. 14-Sept. 19.....		2	
Chile.....				January-September, 1921: Cases, 3,249; deaths, 735. Summaries for previous periods: October, 1918-December 31, 1919: Cases, 12,068; deaths 3,560. Year 1920: Cases, 7,939; deaths, 1,587.
Concepcion.....	Apr. 12-June 20.....		8	July 25-Aug. 29, 1921: In hospital, 30 cases; in city, estimated, 100 cases
Do.....	July 12-Oct. 16.....		20	Present.
Coronel.....	Oct. 3-16.....			Prevalent.
Los Angeles.....	July 26-Aug. 8.....			
Talcahuano.....	Sept. 1-Oct. 15.....	2	2	
Valparaiso.....	Mar. 27-May 28.....		4	
Do.....	June 26-Oct. 22.....		6	
China:				
Antung.....	May 30-June 5.....	1		From report of Japanese settlement and Danish Mission among Chinese.
Do.....	June 27-Oct. 23.....	18		
Hankow.....	May 22-June 11.....	3		
Manchuria—				
Harbin.....	May 23-29.....	1		
Do.....	July 4-10.....	1		
Chosen (Korea):				
Chomulpo.....	June 1-30.....	2		
Fusan.....	May 1-31.....	1		
Gensan.....	May 1-June 30.....	4		
Seoul.....	May 1-31.....	1		
Cuba:				
Matanzas.....	Oct. 4-10.....	1		
Czechoslovakia:				
Prague.....	June 5-26.....	5	2	

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.**Reports Received from July 2 to Dec. 30, 1921—Continued.****TYPHUS FEVER—Continued.**

Place.	Date.	Cases.	Deaths.	Remarks.
Egypt:				
Alexandria.....	May 21-June 23....	21	8	
Do.....	June 24-Nov. 11....	50	21	
Cairo.....	Mar. 19-June 24....	235	102	
Do.....	June 24-Sept. 30....	96	59	
Port Said.....	Apr. 2-May 13....	8	2	
Finland.....	May 1-15.....	5		
Germany:				Apr. 24-June 4, 1921: Cases, 7.
Hamburg.....	May 27-June 4....	1		
Great Britain:				
Dublin.....	May 29-June 4....	1		
Do.....	Oct. 9-15.....	1		
Greece:				
Saloniki.....	May 23-June 26....	21	6	
Do.....	June 27-Oct. 16....	2	2	
Guatemala:				
Guatemala City.....	July 1-Sept. 30....		2	
Hungary				Jan. 1-July 13, 1921: Cases, 71; occurring in 4 counties.
Italy:				
Messina (Province).....	Aug. 29-Sept. 4....	2		In 2 localities.
Japan:				
Nagasaki.....	May 25-June 5....	7	2	
Jugoslavia:				Jan. 30-May 14, 1921: Cases, 298; deaths, 40; June 27-July 16, 1921: Cases, 68; deaths, 10.
Belgrade.....	May 1-14.....	6		
Zagreb.....	June 19-25.....	3		
Do.....	July 10-Sept. 3....	37	4	
Mesopotamia:				
Bagdad.....	May 1-31.....	1	3	
Do.....	Aug. 1-Sept. 30....	1	3	
Mexico:				
Mexico City.....	May 15-June 25....	102		Including municipalities in Federal district.
Do.....	June 26-Nov. 19....	313		
Saltillo.....	Oct. 2-9.....		1	
San Luis Potosi.....	July 31-Nov. 5....			Present.
Morocco:				
Spanish Zone.....				Reported present in epidemic form Sept. 29, 1921.
Poland:				Mar. 1-Apr. 30, 1921: Cases, 11,489; deaths, 1,131. Apr. 24-May 21, 1921: Cases, 5,400; deaths, 489. May 22-June 18, 1921: Cases, 3,300; deaths, 296; June 19-July 16, 1921: Cases, 1,500; deaths, 96; statistics for Brest-Litovsk, Minsk, and Vilna not included. July 17-Aug. 14, 1921: Cases, 1,266; deaths, 99.
District—				In Teschen.
Bialystok.....	Mar. 1-Apr. 30....	853	45	
Cracovia.....	do.....	603	90	
Kielce.....	do.....	848	62	
Leopol.....	do.....	2,508	277	
Lodz.....	do.....	521	53	
Lublin.....	do.....	1,446	83	
Posen.....	do.....	77	5	
Silesia.....	do.....	26		
Stanislawow.....	do.....	1,557	222	
Tarnopol.....	do.....	1,855	194	
Warsaw.....	do.....	972	61	
Warsaw City.....	do.....	223	29	January-June, 1916: Cases, 2,846. January-June, 1921: Cases, 763.
Portugal:				
Oporto.....	July 12-Oct. 29....	3		
Rumania:				
City—				
Bucharest.....	Aug. 1-31.....	1	1	
Galatz.....	do.....	2		
District—				March-October, 1921: Cases 46. Bessarabia.
Cahul.....				
Chisinau.....	Aug. 1-Oct. 31....	55		
Hotin.....	Apr. 1-30.....	107	10	
Kishinev.....	Apr. 1-June 30....	89		
Do.....	July 1-31.....	11		District.
Orhei.....	Mar. 1-May 30....	146		
Russia:				
Province—				
Esthonia.....	Apr. 1-June 30....	113		
Do.....	July 1-Sept. 30....	79		
Latvia.....	Apr. 1-June 30....	599		
Do.....	July 1-Sept. 30....	160		
Lithau.....	Sept. 8-15.....	2		
Siberia—				
Vladivostok.....	Mar. 1-June 30....	5	3	
Do.....	July 1-Aug. 31....	22	3	

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.

Reports Received from July 2 to Dec. 30, 1921—Continued.

TYPHUS FEVER—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Serbia.....				Mar. 24-May 21, 1921: Cases, 70; deaths, 7.
Spain:				Present in Province.
Cadiz.....	Nov. 12.....	1		
Madrid.....	May 1-June 30.....		3	
Do.....	July 1-Sept. 30.....		4	
Syria:				
Beirut.....	May 20-June 10.....	1	1	
Do.....	Sept. 5-Oct. 8.....	1		
Tunis:				
Tunis.....	June 11-17.....		3	
Do.....	July 30-Sept. 9.....		2	
Turkey:				
Constantinople.....	May 22-June 18.....	11		
Do.....	June 26-Nov. 19.....	85	2	
Union of South Africa.....				January - April, 1921: Cases (white), 34; deaths, 2. Cases (native), 3,376; deaths, 137. June 1-30, 1921: Cases, 738; deaths, 66. July 1-31, 1921: Natives—cases, 868; deaths, 121. White—cases, 15; deaths, 2. Orange Free State and Natal: Cases, 25; deaths, 10. Aug. 1-31, 1921: Cases, 850; deaths, 83 (white cases, 17; deaths, 4; and colored cases, 833; deaths, 79). Sept. 1-30, 1921: Cases, 672; white, 8; native, 664, with 71 deaths.
Cape Province.....				Apr. 24-June 25, 1921: Outbreaks, May 1-31, 1921: Cases, 512; deaths, 51. July 1-31, 1921: Cases, 883; deaths, 123. Sept. 1-30, 1921: Cases, 666; deaths, 67; white, cases, 8; native, cases, 658, deaths, 67.
Cape Town.....	May 13-19.....	10	3	
East London.....	May 22-June 18.....	1	1	
Do.....	Aug. 21-27.....	1		
Port Elizabeth.....	Aug. 7-20.....	7		
Natal.....	July 10-Oct. 8.....			Outbreaks, Sept. 1-30, 1921: Cases, 5; deaths, 4. Native.
Orange Free State.....				Apr. 24-May 28, 1921: Outbreaks.
Do.....	July 10-Oct. 8.....			Outbreaks, Sept. 1-30, 1921: One case (native).
Transvaal—				
Johannesburg.....	Sept. 4-10.....			Outbreaks in surrounding country.
Venezuela:				
Maracaibo.....	June 21-27.....		1	
On vessel:				
Steamship Norden.....	Aug. 18.....	1		At Marcus Hook Quarantine, Pa., from Tampico, Mexico, via Nuevitas, Cuba.

YELLOW FEVER.

British Honduras:				
Belize.....	Aug. 22-Oct. 1.....	17	6	
Stann Creek.....	Nov. 13.....	1		20 miles from Belize.
Mexico.....				Oct. 9-29, 1921: Cases, 11; deaths, 3.
Alamo.....	June 1-30.....	10		State of Vera Cruz.
Do.....	July 19.....	4		
Barra de Penn.....	July 17-23.....	1	1	Do.
Casamaloapam.....	....do.....	3	1	Do.
Colima.....	Oct. 23-29.....	1		State of Colima.
Cordoba.....	Oct. 2-29.....	2		State of Vera Cruz.
Culiacan.....	Oct. 2-15.....	2		State of Sinaloa.
El Dorado.....	Oct. 7.....			Present. Sept. 25-Oct. 1, 1921, deaths, 40. Oct. 2, deaths, 5.
Guadalajara.....	Oct. 1-31.....	1	1	State of Jalisco.
Guamuchil.....	Oct. 16-22.....	1	1	State of Sinaloa.

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.**Reports Received from July 2 to Dec. 30, 1921—Continued.****YELLOW FEVER—Continued.**

Place.	Date.	Cases.	Deaths.	Remarks.
Mexico—Continued.				
Gutierrez Zamora.....	Oct. 2-8.....	1		State of Vera Cruz. In vicinity of Santa Rosa ranch, 2 cases.
Manzanillo.....				June 1-Sept. 30, 1921: Cases, 19; deaths, 10.
Do.....	Oct. 9-15.....	1		Oct. 7: Present.
Mazatlan.....	Oct. 7.....			Present.
Nogales.....	Oct. 23-29.....	1		State of Vera Cruz.
Orizaba.....	do.....	1		Do.
Playa Obispo.....	Aug. 23.....	1		Territory of Quintana Roo.
Providencia.....	Oct. 23-29.....	2		State of Vera Cruz.
Tampico.....	July 11-17.....	3	2	State of Tamaulipas.
Tierra Blanca.....	Sept. 19.....	1		Case arrived at Vera Cruz on steamship Monterey, which sailed from Progreso, Mexico.
Tlacoalpan.....	Sept. 25.....			Present.
Turpam.....	July 25-Oct. 15.....	2	1	State of Vera Cruz. Oct. 15: Several cases present in vicinity.
Vera Cruz.....	June 13-27.....	7		State of Vera Cruz.
Do.....	July 25-Sept. 25.....	6	4	Do.
Zapotlan.....	July 14.....	1	1	Do.
Peru.....				
				Mar. 1-Apr. 30, 1921: Cases, 172; deaths, 57. June 1-30, 1921: Cases, 25; deaths, 13. July 1-15, 1921: Cases, 2.
Department—				
Callao—				
Callao.....	Apr. 1-30.....	1		At quarantine station. From Chiclayo.
Lambayeque—				
Chiclayo.....	Mar. 1-June 15.....	47	18	
Chongollape.....	Mar. 1-Apr. 30.....	12	3	
Ferrenafe.....	Mar. 1-31.....		1	
Jayanca.....	Apr. 1-30.....	5	2	
Lambayeque.....	Mar. 1-Apr. 30.....	20	7	
Monsefu.....	Mar. 1-June 15.....	29	9	
Motupe.....	Mar. 1-Apr. 30.....	46	12	
Olmos.....	Apr. 1-30.....	2	4	
Pacora.....	June 1-15.....	1		
Pomalca.....	Mar. 1-31.....	5	1	
Villa Eten.....	Mar. 1-Apr. 30.....	7	1	
Zana.....	Apr. 1-30.....	1		
Libertad—				
Casa Grande.....	June 1-15.....	1		On farm.
Guadalupe.....	Apr. 1-30.....	2		
Montesecco.....	July 16-31.....	1		
Pacana.....	June 1-30.....	2	2	
Pacasmayo.....	July 1-15.....	1		
Paján.....	June 1-30.....	13	7	
Do.....	July 1-15.....	1		
Pueblo Nuevo.....	Apr. 1-30.....	1	1	
Trujillo.....	Apr. 1-June 15.....	2	2	Country.
On vessels:				
Barge J. S. McGaughey.....	Oct. 6.....	1		At quarantine station, Pensacola, Fla., from Tampico, Mexico, Sept. 30.
Steamship Lurline.....	Aug. 13-27.....	2	1	At Mazatlan, Mexico, from Manzanillo, Mexico (Public Health Reports, Sept. 16, 1921, p. 2292).
Steamship Monterey.....	Sept. 18.....	1		At Vera Cruz; vessel sailed from Progreso, Mexico, Sept. 15, 1921. Patient went to Tierra Blanca.
Steamship Saramacca.....	Nov. 12.....	1	1	At New Orleans, La., from Belize, British Honduras.
Steamship Washington.....	Aug. 29.....	1		At Mazatlan, Mexico.