

PUBLIC HEALTH REPORTS

VOL. 40

NOVEMBER 27, 1925

No. 48

HEREDITY AND CULTURE AS FACTORS IN BODY BUILD

By C. B. Davenport and Louise A. Nelson, Carnegie Institution of Washington

1. STATEMENT OF PROBLEM

The prevailing explanation of obesity made by the physiologists of nutrition is well expressed by Tileston (in Barker's *Endocrinology and Metabolism*, Vol. IV, p. 34). He states that exogenous obesity, the "Mastfetttsucht" of the Germans, constitutes probably 99 per cent or more of the cases met in practice. This "exogenous obesity is the ordinary form in which the condition is simply the result of an excess of intake over outgo in an otherwise healthy organism" (p. 33). If this is, indeed, the whole story, then we should expect a perfect correlation between such excess and deviation from normal build. One of us has recently (1923) criticized this dogma on the ground that it fails to take into account the factor of heredity or constitution; and that Tileston is not justified in asserting, as he does on page 34 (in consonance, it must be said, with nutritional physiologists in general), that adiposity of the ordinary form is not inherited, and the fact that certain races show a large incidence of obesity is to be attributed entirely to their manner of life.

The evidence which was adduced in the paper (1923) of one of the present writers, for an hereditary factor, lay in the following facts: (1) That two slender parents rarely have a fleshy child, whereas two fleshy parents not infrequently have a slender child; (2) that when one parent is fleshy and the other slender, the children are prevalingly fleshy, but less so than when the parents are both fleshy, suggesting hereditary dominance of fleshiness; (3) that when the parents are of mixed heredity in respect to build, their children are most variable in build; (4) that there is regression to mediocrity in build of children of parents both of whom are slender; (5) that frequently children undergo, during their lifetime, the same changes in build that their parents did during their lives; (6) that in the population at large the distribution of indices of build is not a random one but that, on the contrary, there are certain biotypes—slender, medium, and fleshy—which show themselves at all ages from birth to maturity and are distinguishable by the fact that they are more frequent than persons of intermediate size.

2. METHODS AND MATERIAL

It has seemed desirable to secure other tests of the possibility of inherited factors in build, and certain data collected by the Eugenics Record Office of the Carnegie Institution of Washington, in cooperation with the Playground Athletic League of Baltimore (of which Mr. Robert Garrett is president and Dr. William Burdick is director), seemed to afford the opportunity. The collection of these data was made by Miss Louise A. Nelson, who visited about 100 families, made measurements of height and chest girth, and secured a statement about weight from as many members of each family as possible. Also a statement was obtained as to feeding and exercising habits, as well as scholastic standing. The following is an example of a record of one individual in a family:

Family A.—Maryland family of Austrian extraction belonging to the laboring class and living in a comfortable home in a poor rural section.

Personal History: III-12 John A., born in E—, Md., April 4, 1913. Age, 10 years. Height in stocking feet, 54 inches; weight in indoor clothing and without shoes, 65 pounds. Chest girth over cotton shirt, 24½ inches. Scholastic standing, "G." He has a good appetite, eats little meat, drinks coffee three times a day, and drinks tea. Exercises vigorously, works on the farm, has had whooping cough.

The weights were reduced to the "stripped" condition by use of the following table, based on Martin (1914, p. 52).

Age	Males	Females
3-6 years.....	1/20 off.	1/15 off.
7-14 years.....	1/14 off.	1/13 off.
Adults, winter.....	9 pounds off.	8 pounds off.
Adults, summer.....	7 pounds off.	6 pounds off.

The girths measured over a shirt or "shirt waist" are reduced to "on skin" dimensions by subtracting the amounts given in the following table:

Season	Males	Females
Winter.....	5 cm. (2 inches).	6 cm. (2.4 inches).
Summer.....	2 cm. (0.8 inches).	2.5 cm. (1 inch).

The following index of build was used: The chest girth (on skin) divided by net stature (without shoes). This is the "relative chest girth."

The standard indices of build employed are as follows:

Age, years.....	8	9-10	11	12	13-14	15-16	17-18	19-20	21-45
Standard relative chest girth.....	50	49	48	47	48	49	50	51	52

This standard was calculated for males, but was used for females also, in default of any special standards for that sex.

The grades for nutrition were assigned about as follows:

- 2. Has a poor appetite; eats very little.
- 1. Eats little, is a dainty eater, has finicky appetite.
- 0. Eats a moderate amount of food.
- +1. Eats heartily.
- +2. Is a very hearty eater; eats voraciously.

The grades for activity were assigned about as follows:

- 2. Very inactive; spends most of his time sitting in chair or lying on bed.
- 1. Exercises little.
- 0. Exercises moderately.
- +1. Exercises vigorously. "Exercises to reduce weight."
- +2. Exceedingly active; extraordinarily energetic.

The current hypothesis that build is correlated directly with food intake and inversely with activity would seem to be roughly tested by subtracting the grade for activity from the grade for nutrition, and correlating the difference, which we may call "nutritional residual," with build. If the activity grade is more than the nutrition grade (the sign of the grade being duly regarded), the difference is negative. Thus, nutrition grade 2 minus activity grade -2 gives residual grade of 4. Nutrition grade -1 minus activity grade -1 gives nutritional residual grade of 0. The residual grades thus calculated, running from -4 to +4, are correlated with the difference between the build of the person and the standard build for that age. This difference may be called the "abmodality in build." It runs in our series from -24 to +21.

3. RESULTS

The correlation between "abmodality in build" and "residual grade" was found for a population of 402 persons. It is given in Table 1.

TABLE 1—Correlation between "abmodality in build" and "residual grade"

Nutritional residual	Abmodality in build (deviation of relative chest girth from standard)																Total
	-25 to -23	-22 to -20	-19 to -17	-16 to -14	-13 to -11	-10 to -8	-7 to -5	-4 to -2	-1 to 1	2 to 4	5 to 7	8 to 10	11 to 13	14 to 16	17 to 19	20 to 22	
-4								1									1
-3						1	1	2									4
-2					1	3	7	6	0	2	1						20
-1				2	0	14	10	11	12	2	5	2	1				60
0	1	0	0	4	1	5	38	42	38	35	21	14	4	3			206
+1				1	1	2	10	11	13	13	18	9	4	1			85
+2							1	4	5	6	4	2	1	0	1	1	25
+3											1						1
Total.	1	0	0	7	3	25	67	77	68	58	50	27	10	5	2	2	402

Correlation

Abmodality of build: Avg. = -0.821 ; $\sigma = 6.317$.

Nutritional residual: Avg. = $+0.547$; $\sigma = 0.978$.

Correlation between abmodality of build and nutritional residual: $r = 0.335$.

A word in justification of the nutritional residual seems to be called for. It depends clearly upon estimates that are not exactly measured and estimates of things like appetite and activity that are not commensurate. Although these facts must be taken into account, they do not deprive the residual of great value. In both appetite and activity we have great medium groups whose central points are comparable because modal. These constitute the majority, perhaps 75 per cent, of all cases. At the extremes are the rare, striking, more or less bizarre cases, whether of appetite or activity, which constitute apparently the limiting 1 per cent at each end of the series. Beyond the majority class, yet not extreme, lie the major and minor classes, whether of exercise or nutrition, constituting each about 12 per cent. Of course, these figures are estimates, yet they indicate approximations to the quantitative values of judgments. In any case, though the classes were not precisely measured, the procedure of subtracting one from the other is significant and without considerable error.

It might be urged that body build has no inherent relation to state of nutrition. Yet, especially in the developmental years considered in this study, the relation must be fairly close. For undernourished children have usually a small skeletal frame as well as poor muscular and fatty development; while those who have been well nourished from infancy tend to gain a large frame, well covered on the chest. A large relative chest girth is as good a measure of high nutrition as any other index of nutrition, and probably better than one that includes absolute weight of the entire body.

From Table 1 it appears that the correlation between abmodality of build and nutritional residual is represented by the correlation coefficient of 0.335. Since a correlation coefficient of 1.00 indicates perfect correlation and 0.00 no correlation at all, this coefficient indicates that the correlation between abmodality of build and nutritional residual is by no means perfect, but about one third of a perfect correlation.

The criticism may be directed toward this conclusion that it can not stand against conclusions based on such measurements of exquisite precision as those of physiological nutritionists. Of the precision of the studies on basal metabolism, and on oxygen consumption and heat increment with activity, there can be no dispute; but these measurements do not show that man is a simple form of heat engine. As Du Bois says (1924, p. 182): "Some of these (exogeneously obese

patients) obviously eat more than their neighbors, others obviously lead more sedentary lives. A few seem to be fairly active in their habits and frugal in their diets. These furnish us with the true problem of obesity." We may grant that men are heat engines; but they have extraordinary capacities for adjustment, regulation, and economy of operation, and these capacities apparently differ in different families.

The objection may be raised that the method is only roughly quantitative and this is readily granted. However, errors are as likely to be in one direction as another and tend to cancel each other. In so far as they do not cancel each other, they tend to reduce the coefficient of correlation.

Owing to the fact that the 402 persons considered in Table 1 are not from 402 families but from 71, it appears that on the average there were more than 5.8 persons to the family. Inasmuch as there are doubtless hereditary factors involved in body build, appetite, and desire for activity, these factors are probably responsible for a certain amount of "spurious correlation." This would tend to increase the correlation observed; just how much we have not sought to determine.

If abmodality of build depends so little upon nutritional residual, it remains to inquire what other factors determine build. The answer to this question has, we believe, been already given in a study of heredity of build recently published by the Carnegie Institution, of Washington. This study showed that there are several—at least three—biotypes (or elementary species) of human beings in the population* of this country characterized by special conditions of build. There is a slender, a medium, and at least one fleshy biotype. In some families there is only one factor, in others there are two or more factors involved in build. In some cases these idiosyncrasies of build may be due to endocrine idiosyncrasies. In other cases, perhaps, to more general peculiarities of metabolism.

4. CONCLUSION

The conclusion of this study is that both constitutional and cultural factors play a part in determining abmodalities of build. The constitutional factors may be regarded as not less important in determining the result than the cultural factors.

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DEATH RATES IN A GROUP OF INSURED PERSONS

COMPARISON OF PRINCIPAL CAUSES OF DEATH, AUGUST, SEPTEMBER, AND FIRST NINE MONTHS OF 1925

The accompanying tables are taken from the October issue of the Statistical Bulletin, published by the Metropolitan Life Insurance Co., and present the mortality experience of the company for September, as compared with August, 1925, and the death rates for white and colored policyholders for the first nine months of the years 1923, 1924, and 1925. The rates are based on a strength of approximately 16,000,000 policyholders.

The death rate for September in this group of insured persons was 8.4 per 1,000, as compared with 8.5 for September, 1924. With the exceptions of June and August, declines from the 1924 rates have been recorded for each of the first nine months of 1925.

Typhoid fever, for the sixth month out of the first nine months of 1925, registered a higher death rate than it did for the corresponding month of 1924; and it is predicted that, unless a marked improvement occurs during the last quarter, typhoid, for the first time in many years, will show an increased death rate over the preceding year.

The mortality record for violence is unfavorable, except for suicides. Accidents as a group showed an increase in death rate of 7.3 per cent over the rate for September, 1924. The death rate for automobile accidents in September was 20 per 100,000—the highest rate ever recorded in any month in the records of the company.

Death rates (annual basis) for principal causes per 100,000 lives exposed, August and September, 1925, and September and year, 1924

[Industrial department, Metropolitan Life Insurance Co.]

Cause of death	Rate per 100,000 lives exposed ¹			
	September, 1925	August, 1925	September, 1924	Year 1924
Total, all causes.....	841.6	747.2	852.6	905.2
Typhoid fever.....	8.6	6.9	8.2	4.4
Measles.....	.9	1.4	.6	7.2
Scarlet fever.....	.9	1.8	1.2	4.4
Whooping cough.....	9.1	8.6	8.6	7.4
Diphtheria.....	7.5	5.1	7.5	13.1
Influenza.....	5.4	3.8	3.7	16.0
Tuberculosis (all forms).....	86.9	81.6	90.9	104.2
Tuberculosis of respiratory system.....	75.3	70.3	79.9	92.3
Cancer.....	68.6	62.6	74.4	70.2
Diabetes mellitus.....	13.1	11.1	14.5	14.8
Cerebral hemorrhage.....	46.1	42.3	53.1	60.1
Organic diseases of heart.....	100.4	94.6	111.3	123.4
Pneumonia (all forms).....	39.2	32.8	38.5	88.6
Other respiratory diseases.....	10.0	9.4	9.9	13.8
Diarrhea and enteritis.....	87.5	60.2	73.3	32.2
Bright's disease (chronic nephritis).....	60.5	56.0	60.7	65.3
Puerperal state.....	14.3	13.9	15.1	16.8
Suicides.....	7.4	5.1	8.1	7.2
Homicides.....	8.0	6.6	7.3	7.1
Other external causes (excluding suicides and homicides).....	69.3	69.7	64.6	62.5
Traumatism by automobiles.....	20.0	18.4	19.2	15.7
All other causes.....	197.9	173.6	201.1	186.5

¹ All figures include infants insured under one year of age.

FIRST NINE MONTHS OF 1925

The health record of American and Canadian wage earners and their families during the first nine months of 1925 has never been equaled during the corresponding period of any year, as indicated by the unprecedented favorable mortality experience of these industrial insurance policyholders. Among the white persons of this group the death rate for the first nine months of 1925 was 8.2 per 1,000, as compared with 9.2 in 1924, 8.8 in 1923, 8.4 in 1922, 8.2 in 1921, and 9.8 in 1920. The 1925 rate shows actual improvement over the rate for 1921, though numerically the same, since infant lives were not insured in 1921.

The record for the colored policyholders is not quite as favorable as that for the white. While better than in 1924, this year's colored death rate to date is not as good as in 1922 and 1921.

The most important single item in this good health record is the continued decline in mortality from tuberculosis, the rate for white policyholders (81.2 per 100,000) representing a decrease of 17.7 per cent from last year's figure for the same period. A decrease was also registered for colored persons.

Measles, scarlet fever, whooping cough, and diphtheria all show improvement in comparison with prior years.

Pneumonia and other respiratory conditions show reductions from preceding years. The decline in the broncho-pneumonia death rate is particularly significant, since it has occurred despite an increase in the number of infants insured.

The death rate for influenza has been running higher than in 1924, but it is still below the rate for most other recent years.

Lower rates are shown for the three leading "degenerative" diseases—organic heart disease, cerebral hemorrhage, and chronic nephritis. The combined death rate for these three conditions shows a decline of 10.4 per cent among the white and of 7.8 per cent among the colored policyholders from the rate for the first nine months of 1924.

A lower death rate is shown for puerperal diseases in both white and colored women.

The figures indicate that automobile fatalities have increased, and it is predicted that, if conditions in this group are representative of those in the general population, the 1925 automobile accident death rate will reach a new maximum in 1925.

Death rates per 100,000 persons exposed compared by white and colored policy-holders for the first nine months of 1923, 1924, and 1925

[Industrial department, Metropolitan Life Insurance Co.]

Cause of death	Death rates per 100,000 persons exposed					
	White			Colored		
	January-September, 1925	January-September, 1924	January-September, 1923	January-September, 1925	January-September, 1924	January-September, 1923
All causes of death.....	822.2	924.6	880.0	1,504.2	1,637.3	1,495.2
Typhoid fever.....	3.1	3.5	4.2	11.4	10.1	10.2
Measles.....	3.6	10.6	11.6	2.4	6.5	10.3
Scarlet fever.....	4.1	5.9	5.1	1.2	.9	1.3
Whooping cough.....	7.3	8.2	7.3	13.9	14.7	11.9
Diphtheria and croup.....	10.6	15.3	15.5	4.3	5.0	5.0
Influenza.....	20.3	15.6	32.9	49.7	42.3	69.6
Meningococcus meningitis.....	.9	.8	.8	.6	.9	.5
Tuberculosis (all forms).....	81.2	98.7	97.7	230.7	264.2	251.4
Tuberculosis of respiratory system.....	70.9	87.3	88.4	201.1	236.9	229.0
Tuberculosis of the meninges, etc.....	5.0	6.0	4.6	8.6	8.4	6.4
Other forms of tuberculosis.....	5.3	5.4	4.6	21.1	18.8	15.9
Cancer.....	68.7	77.1	71.4	69.3	77.3	67.8
Diabetes.....	15.0	16.1	17.2	15.6	17.1	14.7
Cerebral hemorrhage; apoplexy.....	48.1	60.3	57.0	86.8	104.8	96.2
Organic diseases of the heart.....	113.2	123.7	120.9	212.5	226.5	205.5
Total respiratory diseases.....	89.3	104.0	92.5	185.3	212.0	177.9
Bronchitis.....	4.8	5.5	5.6	8.2	10.3	10.1
Bronchopneumonia.....	33.5	41.1	30.6	58.9	68.4	45.4
Pneumonia—lobar and undefined.....	43.7	48.7	48.4	104.9	120.1	110.5
Other diseases of respiratory system.....	7.3	8.7	7.9	13.3	13.3	12.0
Diarrhea and enteritis.....	34.4	34.7	26.0	39.3	35.0	25.6
Under 2 years.....	29.6	29.3	20.5	29.3	24.7	17.1
Two years and over.....	4.8	5.5	5.4	9.9	10.3	8.5
Acute nephritis.....	4.5	5.3	4.8	15.6	17.6	14.7
Chronic nephritis.....	61.5	64.7	64.6	121.8	125.3	113.7
Total puerperal state.....	15.5	17.7	17.6	25.4	28.8	23.4
Puerperal septicemia.....	5.6	6.5	6.6	10.9	11.3	9.6
Puerperal albuminuria and convulsions.....	3.6	4.6	4.1	5.9	7.6	5.7
Other diseases of puerperal state.....	6.3	6.5	6.9	8.6	9.9	8.2
Total external causes.....	72.9	78.5	72.6	113.1	122.6	111.2
Suicides.....	7.0	8.0	8.0	4.2	5.3	5.2
Homicides.....	3.5	3.2	3.4	32.4	39.1	31.9
Accidental and unspecified violence.....	62.3	67.3	61.2	76.4	78.1	74.1
Accidental drowning.....	7.3	9.1	8.0	8.9	10.4	7.1
Automobile accidents.....	17.0	16.3	14.3	14.4	14.8	12.0
All other and ill-defined causes of death.....	167.9	184.0	160.2	305.3	325.7	284.4

ABSTRACTS OF CURRENT PUBLIC HEALTH COURT DECISIONS

Influenza and pneumonia held compensable under workmen's compensation act.—(Connecticut Supreme Court of Errors.) A marble setter, as the result of exposure in the course of his employment, contracted influenza which later developed into pneumonia causing death. The court sustained an award to the widow under the workmen's compensation act. (*De La Pena v. Jackson Stone Co. et al.*, 130 Atl. 89.)

Enjoining of unlawful transportation and disposal of garbage.—(Maryland Court of Appeals.) The city of Baltimore contracted with a private corporation for the disposal of garbage produced in the city. Under the contract the city was to transport the garbage

in covered scows to the reduction company's plant where the same was to be disposed of without the creation of any nuisance. In a suit against the city and the reduction company for injunctive relief brought by persons living in the vicinity of the reduction plant, it was alleged that the city transported the garbage in uncovered scows and that the reduction company disposed of the garbage in such a manner as to create a nuisance. It was alleged that flies, odors, and gases, which resulted from the manner in which the garbage was transported and reduced, impaired the health and interfered with the comfort of the complainants. The court of appeals held that the facts alleged were sufficient to entitle the complainants to relief, but, due to errors in pleading, relief could not be granted in that particular proceeding. (*Block et al. v. Mayor and City Council of Baltimore et al.*, 129 Atl. 887.)

DEATHS DURING WEEK ENDED NOVEMBER 14, 1925

Summary of information received by telegraph from industrial insurance companies for week ended Nov. 14, 1925, and corresponding week of 1924. (From the Weekly Health Index, November 18, 1925, issued by the Bureau of the Census, Department of Commerce)

	Week ended Nov. 14, 1925	Corresponding week, 1924
Policies in force.....	62, 053, 222	57, 698, 430
Number of death claims.....	11, 502	10, 057
Death claims per 1,000 policies in force, annual rate..	9.7	9.1

Deaths from all causes in certain large cities of the United States during the week ended November 14, 1925, infant mortality, annual death rate, and comparison with corresponding week of 1924. (From the Weekly Health Index, November 18, 1925, issued by the Bureau of the Census, Department of Commerce)

City	Week ended Nov. 14, 1925		Annual death rate per 1,000 corresponding week, 1924	Deaths under 1 year		Infant mortality rate week ended Nov. 14, 1925 ¹
	Total deaths	Death rate ¹		Week ended Nov. 14, 1925	Corresponding week, 1924	
Total (69 cities)	6,993	12.5	11.9	770	789	62
Akron	37			5	3	56
Albany ²	46	20.0	15.0	5	2	109
Atlanta	77			11	2	
White	33			5		
Colored	44	(³)		6		
Baltimore ²	201	13.2	15.0	24	34	72
White	149			16		59
Colored	52	(³)		8		129
Birmingham	68	17.2	18.7	9	7	
White	28			3		
Colored	40	(³)		6		
Boston	233	15.5	15.8	35	23	92
Bridgeport	34			6	3	96
Buffalo	166	15.6	12.3	20	20	81
Cambridge	28	13.0	11.6	6	1	100
Camden	41	16.6	15.7	7	7	111
Canton	22	10.8	9.6	2	6	42
Chicago ²	640	11.1	10.7	84	58	74
Cincinnati	146	18.6	13.7	12	19	71
Cleveland	192	10.7	9.1	25	16	62
Columbus	55	10.2	12.2	7	5	64
Dallas	57	15.4	11.4	8	8	
White	49			7		
Colored	8	(³)		1		
Dayton	39	11.8	10.5	3	7	47
Denver	64	11.9	15.7	6	11	
Des Moines	27	9.4	12.6	3	0	51
Detroit	265	11.1	10.3	43	45	74
Duluth	14	6.6	4.8	2	0	43
El Paso	28	13.9	14.0	2	3	
Erie	26			6	1	117
Fall River ²	32	13.8	9.5	8	8	116
Flint	21	8.4	7.1	3	2	47
Forth Worth	36	12.3	5.6	4	3	
White	26			4		
Colored	10	(³)		0		
Grand Rapids	33	11.3	10.5	4	0	63
Houston	35	11.1	15.6	5	2	
White	27			4		
Colored	8	(³)		1		
Indianapolis	95	13.8	14.6	9	11	64
Jersey City	69	11.4	10.7	4	13	28
Kansas City, Kans.	30	12.6	10.7	3	1	60
White	20			2		45
Colored	10	(³)		1		184
Kansas City, Mo.	110	15.6	14.9	10	11	
Los Angeles	215			23	21	63
Louisville	85	17.1	16.9	5	11	42
White	65			5		48
Colored	20	(³)		0		0
Lowell	26	11.6	11.3	4	4	69
Lynn	20	10.0	10.1	2	3	50
Memphis	56	16.7	23.6	7	8	
White	28			7		
Colored	28	(³)		0		
Milwaukee	107	11.1	8.8	18	14	83
Minneapolis	105	12.9	12.9	10	11	53
Nashville ²	59	22.6	17.7	6	5	
White	31			3		
Colored	28	(³)		3		

¹ Annual rate per 1,000 population.

² Deaths under 1 year per 1,000 births—an annual rate based on deaths under 1 year for the week and estimated births for 1924. Cities left blank are not in the registration area for births.

³ Data for 68 cities.

⁴ Data for 63 cities.

⁵ Deaths for week ended Friday, November 13, 1925.

⁶ In the cities for which deaths are shown by color, the colored population in 1920 constituted the following per cents of the total population: Atlanta 31, Baltimore 15, Birmingham 39, Dallas 15, Fort Worth 14, Houston 25, Kansas City, Kans., 14, Louisville 17, Memphis 38, Nashville 30, New Orleans 26, Norfolk 38, Richmond 32, and Washington, D. C., 25.

Deaths from all causes in certain large cities of the United States during the week ended November 14, 1925, infant mortality, annual death rate, and comparison with corresponding week of 1924. (From the Weekly Health Index, November 18, 1925, issued by the Bureau of the Census, Department of Commerce)—Contd.

City	Week ended Nov. 14, 1925		Annual death rate per 1,000 corresponding week, 1924	Deaths under 1 year		Infant mortality rate week ended Nov. 14, 1925
	Total deaths	Death rate		Week ended Nov. 14, 1925	Corresponding week, 1924	
New Bedford.....	21	8.1	8.3	3	4	49
New Haven.....	28	8.2	9.8	7	5	91
New Orleans.....	149	18.7	16.0	16	13	-----
White.....	100			13		-----
Colored.....	49	(⁶)		3		-----
New York.....	1,367	11.7	11.2	143	163	57
Bronx Borough.....	181	10.5	8.9	18	10	62
Brooklyn Borough.....	435	10.1	10.6	37	75	38
Manhattan Borough.....	608	14.0	12.7	79	71	82
Queens Borough.....	112	10.2	10.0	9	5	42
Richmond Borough.....	31	12.1	15.6	0	2	0
Newark, N. J.....	93	10.7	11.2	20	20	91
Norfolk.....	28			1	5	18
White.....	10			1		29
Colored.....	18	(⁶)		0		0
Oakland.....	44	9.0	11.0	3	3	34
Oklahoma City.....	19			2	6	-----
Omaha.....	41	10.1	11.5	2	2	21
Paterson.....	26	9.6	9.6	3	2	50
Philadelphia.....	463	12.2	12.7	45	66	56
Pittsburgh.....	197	16.3	12.0	14	27	47
Portland, Oreg.....	68	12.6	11.3	2	9	20
Providence.....	64	13.6	11.8	9	6	71
Richmond.....	58	16.2	16.2	6	3	72
White.....	43			4		72
Colored.....	15	(⁶)		2		72
Rochester.....	68	10.7	11.9	5	9	40
St. Louis.....	216	13.7	12.8	16	11	-----
St. Paul.....	58	12.3	8.8	2	2	17
Salt Lake City ⁵	32	12.7	11.8	6	2	90
San Antonio.....	62	16.3	11.4	7	9	-----
San Diego.....	28	13.8	13.5	3	1	70
San Francisco.....	143	13.4	12.6	3	9	17
Schenectady.....	16	8.2	4.2	1	1	28
Seattle.....	66			4	5	39
Somerville.....	16	8.2	10.4	1	4	26
Spokane.....	33	15.8	10.5	3	2	67
Springfield, Mass.....	30	10.3	11.2	1	7	15
Syracuse.....	44	12.0	11.4	6	2	75
Tacoma.....	21	10.5	9.6	1	2	23
Toledo.....	64	11.6	8.9	7	3	63
Trenton.....	26	10.3	11.3	0	2	0
Utica.....	27	13.1		4		86
Washington, D. C.....	129	13.5	11.9	11	7	62
White.....	82			5		41
Colored.....	47	(⁶)		6		110
Waterbury.....	29			4	2	86
Wilmington, Del.....	14	6.0	7.4	0	2	0
Worcester.....	51	13.4	14.7	6	7	69
Yonkers.....	21	9.8	12.4	8	2	175
Youngstown.....	24	7.8	8.7	1	3	12

⁵ Deaths for week ended Friday, November 13, 1925.

⁶ In the cities for which deaths are shown by color, the colored population in 1920 constituted the following per cents of the total population: Atlanta 31, Baltimore, 15, Birmingham 39, Dallas 15, Fort Worth 14, Houston 25, Kansas City, Kans., 14, Louisville 17, Memphis 38, Nashville 30, New Orleans 26, Norfolk 38, Richmond 32, and Washington, D. C., 25.

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 WEEKLY STATE REPORTS

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

Reports for Week Ended November 21, 1925

ALABAMA		CALIFORNIA	
	Cases		Cases
Chicken pox.....	13	Cerebrospinal meningitis:	
Dengue.....	1	Oakland.....	1
Diphtheria.....	49	Riverside.....	1
Influenza.....	50	Chicken pox.....	239
Malaria.....	28	Diphtheria.....	111
Measles.....	1	Influenza.....	17
Mumps.....	24	Measles.....	17
Pellagra.....	2	Mumps.....	165
Pneumonia.....	71	Poliomyelitis:	
Poliomyelitis.....	1	Bakersfield.....	1
Scarlet fever.....	22	Fresno County.....	1
Smallpox.....	6	Kern County.....	1
Trachoma.....	5	Lodi.....	1
Tuberculosis.....	40	Los Angeles County.....	1
Typhoid fever.....	25	Oakland.....	3
Whooping cough.....	10	Ojai.....	1
		Redlands.....	1
		San Benito County.....	1
		San Bernardino County.....	1
		Santa Monica.....	1
		Scarlet fever.....	146
		Smallpox:	
		Los Angeles.....	7
		Los Angeles County.....	7
		Oakland.....	10
		Scattering.....	15
		Typhoid fever.....	15
		Whooping cough.....	22
ARIZONA		COLORADO	
	Cases	(Exclusive of Denver)	
Chicken pox.....	33	Chicken pox.....	41
Diphtheria.....	4	Diphtheria.....	31
Mumps.....	1	Influenza.....	1
Poliomyelitis.....	2	Measles.....	1
Scarlet fever.....	23	Mumps.....	3
Trachoma.....	1	Paratyphoid fever.....	2
Tuberculosis.....	14	Pneumonia.....	1
Typhoid fever.....	10	Poliomyelitis.....	1
		Scarlet fever.....	24
		Tuberculosis.....	24
		Typhoid fever.....	6
		Whooping cough.....	17
ARKANSAS			
	Cases		
Chicken pox.....	9		
Diphtheria.....	12		
Hookworm disease.....	3		
Influenza.....	84		
Malaria.....	50		
Paratyphoid fever.....	2		
Pellagra.....	5		
Scarlet fever.....	10		
Smallpox.....	1		
Trachoma.....	4		
Tuberculosis.....	16		
Typhoid fever.....	25		
Whooping cough.....	1		

CONNECTICUT		ILLINOIS	
	Cases		Cases
Anthrax.....	1	Diphtheria:	
Chicken pox.....	69	Cook County.....	80
Conjunctivitis (infectious).....	3	Kankakee County.....	5
Diphtheria.....	35	Rock Island County.....	5
Dysentery (amebic).....	1	Scattering.....	42
German measles.....	1	Influenza.....	12
Influenza.....	6	Measles.....	210
Lethargic encephalitis.....	2	Pneumonia.....	248
Measles.....	93	Poliomyelitis:	
Mumps.....	12	Cook County.....	1
Pneumonia (broncho).....	21	Putnam County.....	1
Pneumonia (lobar).....	43	Winnebago County.....	1
Poliomyelitis.....	1	Scarlet fever.....	322
Scarlet fever.....	50	Smallpox:	
Septic sore throat.....	3	Cook County.....	1
Tetanus.....	1	McLean County.....	13
Tuberculosis (all forms).....	26	Scattering.....	1
Typhoid fever.....	3	Tuberculosis.....	388
Whooping cough.....	83	Typhoid fever:	
		Saline County.....	8
		Tazewell County.....	6
		Scattering.....	23
		Whooping cough.....	71
DELAWARE		INDIANA	
Chicken pox.....	3	Chicken pox.....	63
Diphtheria.....	4	Diphtheria.....	53
Influenza.....	4	Influenza.....	14
Pneumonia.....	3	Measles.....	17
Scarlet fever.....	4	Pneumonia.....	6
Tuberculosis.....	1	Poliomyelitis.....	3
Typhoid fever.....	1	Scarlet fever.....	169
		Smallpox.....	44
		Trachoma.....	13
		Tuberculosis.....	40
		Typhoid fever.....	16
		Whooping cough.....	15
FLORIDA		IOWA	
Diphtheria.....	43	Chicken pox.....	69
Influenza.....	20	Diphtheria.....	50
Malaria.....	38	German measles.....	1
Measles.....	2	Impetigo contagiosa.....	3
Mumps.....	9	Measles.....	3
Pneumonia.....	74	Mumps.....	12
Poliomyelitis.....	1	Pneumonia.....	9
Scarlet fever.....	2	Poliomyelitis.....	3
Smallpox.....	7	Scarlet fever.....	57
Tetanus.....	10	Smallpox.....	23
Tuberculosis.....	83	Typhoid fever.....	4
Typhoid fever.....	26	Whooping cough.....	15
Whooping cough.....	9		
GEORGIA		KANSAS	
Cerebrospinal meningitis.....	1	Cerebrospinal meningitis:	
Chicken pox.....	5	Junction City.....	1
Conjunctivitis (acute).....	1	Kansas City.....	1
Diphtheria.....	23	Osborne.....	1
Dysentery.....	7	Chicken pox.....	101
Hookworm disease.....	6	Diphtheria.....	36
Influenza.....	142	German measles.....	1
Malaria.....	17	Measles.....	9
Measles.....	2	Mumps.....	10
Mumps.....	7	Pneumonia.....	15
Paratyphoid fever.....	1	Scarlet fever.....	65
Pellagra.....	5	Smallpox (scattering).....	11
Pneumonia.....	58	Tuberculosis.....	35
Scarlet fever.....	8	Typhoid fever (scattering).....	14
Septic sore throat.....	1	Vincent's angina.....	1
Smallpox.....	6	Whooping cough.....	32
Tuberculosis.....	13		
Typhoid fever.....	23		
Typhus fever.....	2		
Whooping cough.....	10		

LOUISIANA

Cases

Diphtheria.....	38
Influenza.....	21
Malaria.....	10
Pneumonia.....	35
Polioimyelitis.....	3
Scarlet fever.....	17
Smallpox.....	1
Tuberculosis.....	45
Typhoid fever.....	43
Whooping cough.....	11

MAINE

Chicken pox.....	71
Diphtheria.....	12
Measles.....	3
Mumps.....	12
Pneumonia.....	10
Polioimyelitis.....	2
Scarlet fever.....	26
Tuberculosis.....	13
Typhoid fever.....	4
Vincent's angina.....	2
Whooping cough.....	72

MARYLAND ¹

Chicken pox.....	109
Diphtheria.....	44
Dysentery.....	3
German measles.....	1
Influenza.....	18
Lethargic encephalitis.....	2
Measles.....	134
Mumps.....	43
Ophthalmia neonatorum.....	2
Paratyphoid fever.....	3
Pneumonia (broncho).....	26
Pneumonia (lobar).....	36
Scarlet fever.....	44
Septic sore throat.....	1
Trachoma.....	1
Tuberculosis.....	42
Typhoid fever.....	27
Whooping cough.....	52

MASSACHUSETTS

Chicken pox.....	247
Conjunctivitis (suppurative).....	11
Diphtheria.....	91
German measles.....	15
Influenza.....	18
Lethargic encephalitis.....	4
Measles.....	1,038
Mumps.....	53
Ophthalmia neonatorum.....	25
Pneumonia (lobar).....	144
Polioimyelitis.....	2
Scarlet fever.....	213
Septic sore throat.....	1
Trachoma.....	1
Trichinosis.....	1
Tuberculosis (pulmonary).....	127
Tuberculosis (other forms).....	24
Typhoid fever.....	8
Whooping cough.....	151

¹ Week ended Friday.

MICHIGAN

Cases

Diphtheria.....	120
Measles.....	136
Pneumonia.....	132
Scarlet fever.....	207
Smallpox.....	9
Tuberculosis.....	48
Typhoid fever.....	16
Whooping cough.....	137

MINNESOTA

Chicken pox.....	123
Diphtheria.....	72
Influenza.....	1
Measles.....	8
Pneumonia.....	5
Polioimyelitis.....	4
Scarlet fever.....	216
Smallpox.....	1
Tuberculosis.....	48
Typhoid fever.....	4
Whooping cough.....	50

MISSISSIPPI

Diphtheria.....	33
Scarlet fever.....	13
Smallpox.....	3
Typhoid fever.....	12

MISSOURI

Chicken pox.....	105
Diphtheria.....	92
Influenza.....	17
Malaria.....	1
Measles.....	5
Mumps.....	11
Pneumonia.....	54
Polioimyelitis.....	1
Rabies.....	3
Scarlet fever.....	138
Septic sore throat.....	2
Smallpox.....	4
Tetanus.....	2
Trachoma.....	6
Tuberculosis.....	55
Typhoid fever.....	22
Whooping cough.....	32

MONTANA

Chicken pox.....	42
Diphtheria.....	6
Measles.....	13
Mumps.....	136
Scarlet fever.....	19
Smallpox.....	11
Whooping cough.....	14

NEBRASKA

Chicken pox.....	24
Diphtheria.....	4
Measles.....	1
Mumps.....	2
Pneumonia.....	2
Polioimyelitis.....	2
Scarlet fever.....	30
Smallpox.....	5
Tuberculosis.....	2
Typhoid fever.....	7
Whooping cough.....	8

NEW JERSEY

	Cases
Cerebrospinal meningitis.....	2
Chicken pox.....	281
Diphtheria.....	81
Influenza.....	6
Measles.....	168
Pneumonia.....	113
Polio-myelitis.....	1
Rabies.....	1
Scarlet fever.....	162
Typhoid fever.....	10
Whooping cough.....	39

NEW MEXICO

Chicken pox.....	24
Diphtheria.....	2
Lethargic encephalitis.....	1
Measles.....	1
Mumps.....	2
Pneumonia.....	6
Polio-myelitis.....	1
Scarlet fever.....	18
Septic sore throat.....	1
Tuberculosis.....	25
Typhoid fever.....	15
Whooping cough.....	21

NEW YORK

(Exclusive of New York City)

Cerebrospinal meningitis.....	1
Diphtheria.....	96
Influenza.....	17
Lethargic encephalitis.....	1
Measles.....	461
Pneumonia.....	253
Polio-myelitis.....	4
Scarlet fever.....	195
Typhoid fever.....	15
Whooping cough.....	158

NORTH CAROLINA

Chicken pox.....	94
Diphtheria.....	122
Measles.....	42
Polio-myelitis.....	2
Scarlet fever.....	73
Septic sore throat.....	1
Smallpox.....	10
Trachoma.....	11
Typhoid fever.....	8
Whooping cough.....	52

OKLAHOMA

(Exclusive of Oklahoma City and Tulsa)

Chicken pox.....	23
Diphtheria:	
Tillman.....	19
Scattering.....	47
Influenza.....	132
Malaria.....	41
Measles.....	3
Mumps.....	5
Pellagra.....	4
Pneumonia.....	62
Polio-myelitis—Johnston.....	1
Scarlet fever.....	35
Smallpox.....	8

OKLAHOMA—Continued.

	Cases
Typhoid fever:	
Mayes.....	9
Scattering.....	60
Whooping cough.....	21

OREGON

Cerebrospinal meningitis.....	3
Chicken pox.....	47
Diphtheria:	
Coos County.....	8
Portland.....	24
Scattering.....	9
Influenza.....	7
Measles.....	4
Mumps.....	22
Pneumonia.....	14
Scarlet fever.....	51
Smallpox:	
Salem.....	13
Scattering.....	8
Tuberculosis.....	15
Typhoid fever.....	3
Whooping cough.....	16

PENNSYLVANIA

Chicken pox.....	767
Diphtheria:	
Philadelphia.....	159
Pittsburgh.....	24
Scattering.....	149
German measles.....	11
Impetigo contagiosa.....	51
Lethargic encephalitis—Philadelphia.....	1
Malaria.....	2
Measles.....	557
Mumps.....	92
Ophthalmia neonatorum—Philadelphia.....	3
Pneumonia.....	129
Scabies.....	35
Scarlet fever.....	500
Trachoma—Philadelphia.....	1
Tuberculosis.....	117
Typhoid fever.....	43
Whooping cough.....	262

RHODE ISLAND

Chicken pox.....	9
Diphtheria.....	7
German measles.....	5
Influenza.....	4
Measles:	
Charlestown.....	9
Newport.....	10
Providence.....	89
Scattering.....	8
Mumps.....	2
Scarlet fever.....	7
Typhoid fever.....	2
Whooping cough.....	11

SOUTH DAKOTA

Chicken pox.....	3
Measles.....	1
Mumps.....	1
Pneumonia.....	1
Polio-myelitis.....	1
Scarlet fever.....	41

SOUTH DAKOTA—continued.

	Cases
Smallpox.....	1
Tuberculosis.....	1
Typhoid fever.....	2
Whooping cough.....	2
TEXAS	
Cerebrospinal meningitis.....	1
Chicken pox.....	4
Diphtheria.....	41
Dysentery.....	1
Influenza.....	32
Mumps.....	4
Pneumonia.....	9
Poliomyelitis.....	1
Scarlet fever.....	26
Tuberculosis.....	23
Typhoid fever.....	17
Whooping cough.....	6

UTAH

Chicken pox.....	116
Diphtheria:	
Murray.....	8
Ogden.....	10
Salt Lake City.....	11
Scattering.....	6
Measles.....	2
Mumps.....	8
Pneumonia.....	5
Scarlet fever.....	7
Tuberculosis.....	2
Typhoid fever.....	4
Whooping cough.....	21

VERMONT

Chicken pox.....	45
Diphtheria.....	5
Measles.....	8
Mumps.....	6
Poliomyelitis.....	3
Scarlet fever.....	32
Whooping cough.....	43

VIRGINIA

Poliomyelitis—Amherst County.....	1
Smallpox—Nottoway County.....	9

WASHINGTON

Chicken pox.....	139
Diphtheria.....	28
German measles.....	4
Influenza.....	1
Measles.....	6
Mumps.....	27

WASHINGTON—continued

	Cases
Poliomyelitis:	
Pierce County.....	1
Seattle.....	1
Tacoma.....	1
Scarlet fever.....	72
Smallpox:	
Tacoma.....	10
Scattering.....	31
Tuberculosis.....	86
Typhoid fever.....	7
Whooping cough.....	47

WEST VIRGINIA

Diphtheria.....	18
Scarlet fever.....	17
Typhoid fever:	
Montgomery.....	1
Weston.....	2

WISCONSIN

Milwaukee:	
Chicken pox.....	116
Diphtheria.....	34
German measles.....	4
Measles.....	1
Mumps.....	18
Pneumonia.....	3
Scarlet fever.....	4
Tuberculosis.....	23
Typhoid fever.....	1
Whooping cough.....	37
Scattering:	
Cerebrospinal meningitis.....	1
Chicken pox.....	256
Diphtheria.....	32
German measles.....	17
Influenza.....	10
Measles.....	116
Mumps.....	42
Pneumonia.....	18
Poliomyelitis.....	3
Scarlet fever.....	136
Smallpox.....	11
Tuberculosis.....	27
Typhoid fever.....	11
Whooping cough.....	77

WYOMING

Cerebrospinal meningitis.....	2
Chicken pox.....	16
Diphtheria.....	2
Measles.....	1
Pneumonia.....	2
Poliomyelitis.....	1
Scarlet fever.....	14
Typhoid fever.....	1
Whooping cough.....	3

Reports for week ended November 14, 1925

DISTRICT OF COLUMBIA		NORTH DAKOTA—continued	
	Cases		Cases
Chicken pox.....	21	Poliomyelitis.....	1
Diphtheria.....	21	Scarlet fever.....	68
Influenza.....	1	Smallpox.....	3
Lethargic encephalitis.....	1	Tuberculosis.....	1
Measles.....	3	Typhoid fever.....	4
Pneumonia.....	33	Whooping cough.....	24
Poliomyelitis.....	1		
Scarlet fever.....	24	SOUTH CAROLINA	
Tuberculosis.....	23	Dengue.....	2
Whooping cough.....	8	Diphtheria.....	52
		Influenza.....	399
NORTH DAKOTA		Malaria.....	205
Chicken pox.....	14	Measles.....	6
Diphtheria.....	7	Scarlet fever.....	19
German measles.....	13	Smallpox.....	9
Measles.....	1	Tuberculosis.....	24
Mumps.....	60	Typhoid fever.....	27
Pneumonia.....	10	Whooping cough.....	65

SUMMARY OF MONTHLY REPORTS FROM 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	Cerebro-spinal meningitis	Diphtheria	Influenza	Malaria	Measles	Pellagra	Poliomyelitis	Scarlet fever	Smallpox	Typhoid fever
<i>October, 1925</i>										
Delaware.....		20			1			8		40
District of Columbia.....	0	58	2		8	0	7	98	0	7
Florida.....	2	101	15	80	1	13	8	9	1	54
Idaho.....	1	2	0	0		0	5	24		12
Louisiana.....	2	92	60	76	3	20	3	34	8	169
Maryland.....	2	167	51	8	84	1	11	130		245
Minnesota.....		444	2		14		141	596	24	55
Missouri.....	0	368	44	0	22	0	20	426	7	187
New Jersey.....	6	429	35	1	160		11	327	0	109
New York.....	15	934	82	38	1,164		132	728	0	366
North Carolina.....	1	955			32		6	301	22	97
North Dakota.....		43			6		21	134	5	52
Ohio.....	8	767	41	1	315		43	926	39	394

RECIPROCAL NOTIFICATIONS

Notifications regarding communicable diseases sent during the month of October, 1925, to other State health departments by departments of health of certain States

Referred by—	Poliomyelitis	Scarlet fever	Smallpox	Tuberculosis	Typhoid fever
Illinois.....			1	6	14
Massachusetts.....					4
Minnesota.....	3			67	5
New York.....	2	2			2
Washington.....					2

PLAGUE-ERADICATIVE MEASURES IN THE UNITED STATES

The following items were taken from the reports of plague-eradicative measures from the cities named:

Los Angeles, Calif.

Week ended Nov. 7, 1925:

Number of rats trapped.....	2, 289
Number of rats found to be plague infected.....	2
Number of squirrels examined.....	266
Number of squirrels found to be plague infected.....	0
Number of mice trapped.....	3, 591
Number of mice found to be plague infected.....	0

Date of discovery of last plague-infected rodent Nov. 6, 1925.

Date of last human case, Jan. 15, 1925.

Oakland, Calif.

(Including other East Bay communities)

Week ended Nov. 7, 1925:

Number of rats trapped.....	938
Number of rats found to be plague infected.....	0

Totals:

Number of rats trapped Jan. 1 to Nov. 7, 1925.....	74, 278
Number of rats found to be plague infected.....	21
Number of squirrels examined May 1 to Aug. 1, 1925.....	7, 277
Number of squirrels found to be plague infected.....	0
Number of mice trapped Jan. 1 to Nov. 7, 1925.....	26, 266

Date of discovery of last plague-infected rat, Mar. 4, 1925.

Date of last human case, Sept. 10, 1919.

GENERAL CURRENT SUMMARY AND WEEKLY REPORTS FROM CITIES

Diphtheria.—For the week ended November 7, 1925, 36 States reported 1,939 cases of diphtheria. For the week ended November 8, 1924, the same States reported 2,316 cases of this disease. One hundred and two cities, situated in all parts of the country and having an aggregate population of about 29,000,000, reported 924 cases of diphtheria for the week ended November 7, 1925. Last year for the corresponding week they reported 1,121 cases. The estimated expectancy for these cities was 1,373 cases. The estimated expectancy is based on the experience of the last nine years, excluding epidemics.

Measles.—Thirty-four States reported 1,679 cases of measles for the week ended November 7, 1925, and 703 cases of this disease for the week ended November 8, 1924. One hundred and two cities reported 856 cases of measles for the week this year, and 309 cases last year.

Poliomyelitis.—The health officers of 36 States reported 107 cases of poliomyelitis for the week ended November 7, 1925. The same States reported 138 cases for the week ended November 8, 1924.

Scarlet fever.—Scarlet fever was reported for the week as follows: Thirty-six States—this year, 2,467 cases; last year, 3,097 cases. One

hundred and two cities—this year, 945 cases; last year, 1,148 cases; estimated expectancy, 774 cases.

Smallpox.—For the week ended November 7, 1925, 36 States reported 263 cases of smallpox. Last year for the corresponding week they reported 528 cases. One hundred and two cities reported smallpox for the week as follows: 1925, 53 cases; 1924, 138 cases, estimated expectancy, 29 cases.

Typhoid fever.—Eight hundred and two cases of typhoid fever were reported for the week ended November 7, 1925, by 36 States. For the corresponding week of 1924, the same States reported 554 cases of this disease. One hundred and two cities reported 152 cases of typhoid fever for the week this year and 119 cases for the corresponding week last year. The estimated expectancy for these cities was 118 cases.

Influenza and pneumonia.—Deaths from influenza and pneumonia were reported for the week by 95 cities, with a population of more than 28,000,000, as follows: 1925, 815 deaths; 1924, 668.

City reports for week ended November 7, 1925

The "estimated expectancy" given for diphtheria, poliomyelitis, scarlet fever, smallpox, and typhoid fever is the result of an attempt to ascertain from previous occurrence how many cases of the disease under consideration may be expected to occur during a certain week in the absence of epidemics. It is based on reports to the Public Health Service during the past nine years. It is in most instances the median number of cases reported in the corresponding week of the preceding years. When the reports include several epidemics or when for other reasons the median is unsatisfactory, the epidemic periods are excluded and the estimated expectancy is the mean number of cases reported for the week during nonepidemic years.

If reports have not been received for the full nine years, data are used for as many years as possible, but no year earlier than 1915 is included. In obtaining the estimated expectancy, the figures are smoothed when necessary to avoid abrupt deviations from the usual trend. For some of the diseases given in the table the available data were not sufficient to make it practicable to compute the estimated expectancy.

Division, State, and city	Population July 1, 1923, estimated	Chick- en pox, cases re- ported	Diphtheria		Influenza		Meas- les, cases re- ported	Mumps, cases re- ported	Pneu- monia, deaths re- ported
			Cases, esti- mated expect- ancy	Cases re- ported	Cases re- ported	Deaths re- ported			
NEW ENGLAND									
Maine:									
Portland.....	73, 129	1	2	1	0	0	1	5	0
New Hampshire:									
Concord.....	22, 408	0	0	0	0	0	0	0	0
Manchester.....	81, 383	1	4	1	0	0	1	1	1
Vermont:									
Barre.....	¹ 10, 008	0	0	1	0	0	0	0	0
Burlington.....	23, 613	0	1	0	0	0	0	0	0
Massachusetts:									
Boston.....	770, 400	26	57	15	2	0	48	2	24
Fall River.....	120, 912	1	4	4	1	0	69	0	2
Springfield.....	144, 227	3	5	1	1	1	0	0	3
Worcester.....	191, 927	6	8	7	0	0	166	0	6
Rhode Island:									
Pawtucket.....	68, 799	3	2	1	0	0	1	0	2
Providence.....	242, 378	0	12	6	0	0	47	0	5
Connecticut:									
Bridgeport.....	¹ 143, 555	1	10	2	1	1	5	0	5
Hartford.....	¹ 138, 036	1	9	1	0	0	2	1	5
New Haven.....	172, 967	3	3	0	0	0	4	0	4

¹ Population Jan. 1, 1920.

City reports for week ended November 7, 1925—Continued

Division, State, and city	Population July 1, 1923, estimated	Chick- en pox, cases re- ported	Diphtheria		Influenza		Meas- les, cases re- ported	Mumps, cases re- ported	Pneu- monia, deaths re- ported
			Cases, es- timated ex- pectancy	Cases re- ported	Cases re- ported	Deaths re- ported			
MIDDLE ATLANTIC									
New York:									
Buffalo.....	536,718	12	26	3	1	1	4	0	19
New York.....	5,927,625	101	160	109	11	12	206	21	164
Rochester.....	317,867	39	6	17	0	0	25	1	5
Syracuse.....	184,511	23	12	1	0	0	0	8	7
New Jersey:									
Camden.....	124,157	5	7	2	0	0	0	0	4
Newark.....	438,699	15	17	11	6	1	22	1	13
Trenton.....	127,390		5						
Pennsylvania:									
Philadelphia.....	1,022,788	85	64	88	1	2	55	11	40
Pittsburgh.....	613,442	37	36	17	1	11	1	1	25
Reading.....	110,917	21	5	1	0	0	2	0	1
EAST NORTH CENTRAL									
Ohio:									
Cincinnati.....	406,312	12	19	14	0	7	0	0	17
Cleveland.....	888,519	41	49	69	3	2	31	0	28
Columbus.....	261,082	7	12	4	0	2	1	0	2
Toledo.....	268,338	37	14	12	0	1	3	0	8
Indiana:									
Fort Wayne.....	93,573	2	4	1	0	0	0	0	0
Indianapolis.....	342,718	21	23	4	0	0	22	1	8
South Bend.....	76,709	13	3	1	0	0	1	0	1
Terre Haute.....	68,939	4	4	0	0	0	0	0	4
Illinois:									
Chicago.....	2,896,121	67	201	74	11	2	12	2	56
Springfield.....	61,833	2	3	5	0	0	0	4	4
Michigan:									
Detroit.....	1,155,006	49	76	35	4	1	33	1	37
Flint.....	117,968	1	13	6	0	0	0	0	1
Grand Rapids.....	145,947	2	8	2	0	1	1	1	0
Wisconsin:									
Madison.....	42,519	12	2	0	0	0	0	0	2
Milwaukee.....	484,595	103	29	40	1	1	0	14	10
Racine.....	64,393	1	2	1	0	0	0	1	0
Superior.....	139,671	1	1	0	0	0	0	0	1
WEST NORTH CENTRAL									
Minnesota:									
Duluth.....	106,289	18	6	0	0	0	0	0	1
Minneapolis.....	400,125	52	29	44	0	0	2	0	5
St. Paul.....	241,891	15	20	12	0	1	2	4	4
Iowa:									
Davenport.....	61,262	2	2	10	0		1	0	
Des Moines.....	140,923	0	7	1	0		0	0	
Sioux City.....	79,662	9	2	1	0		0	0	
Waterloo.....	39,667		1	1	0		0		
Missouri:									
Kansas City.....	351,819	5	17	8	1	2	1	1	11
St. Joseph.....	78,232	8	4	6	0	0	0	0	5
St. Louis.....	803,853	9	64	51	0	0	1	0	
North Dakota:									
Fargo.....	24,841	0	0	0	0	0	0	46	2
Grand Forks.....	14,547	2	1	0	0		0	0	
South Dakota:									
Aberdeen.....	15,829	3	0	0	0		0	14	
Sioux Falls.....	29,206	8	1	0	0	0	0	0	0
Nebraska:									
Lincoln.....	58,761	5	4	0	0	0	0	0	0
Omaha.....	204,382	20	11	3	0	0	0	0	9
Kansas:									
Topeka.....	52,555	8	3	1	0	0	0	0	0
Wichita.....	79,261	9	7	2	0	0	1	1	3

1 Population Jan. 1, 1920.

City reports for week ended November 7, 1925—Continued

Division, State, and city	Population July 1, 1923, estimated	Chicken pox, cases reported	Diphtheria		Influenza		Measles, cases reported	Mumps, cases reported	Pneumonia, deaths reported
			Cases, estimated expectancy	Cases reported	Cases reported	Deaths reported			
SOUTH ATLANTIC									
Delaware:									
Wilmington.....	117,728	1	3	13	0	0	0	0	9
Maryland:									
Baltimore.....	773,580	42	26	16	11	3	72	33	30
Cumberland.....	32,361	0	1	5	0	0	0	0	0
Frederick.....	11,301	0	1	0	0	0	0	0	0
District of Columbia:									
Washington.....	1 437,571	22	21	10	1	1	2	0	18
Virginia:									
Lynchburg.....	30,277	4	2	5	0	0	0	1	0
Norfolk.....	159,089	5	5	0	0	0	0	0	5
Richmond.....	181,044	0	15	22	0	0	1	0	7
Roanoke.....	55,502	0	4	6	0	0	0	1	0
West Virginia:									
Charleston.....	45,597	0	5	4	0	0	0	0	3
Huntington.....	57,918	0	4	3	0	0	0	0	2
Wheeling.....	1 56,208	0	4	4	0	1	0	0	2
North Carolina:									
Raleigh.....	29,171	0	3	5	0	1	0	0	0
Wilmington.....	35,719	0	2	0	0	0	0	0	0
Winston-Salem.....	56,230	0	4	2	0	0	0	0	2
South Carolina:									
Charleston.....	71,245	1	3	1	0	1	0	0	0
Columbia.....	39,688	0	3	1	0	0	0	17	0
Greenville.....	25,789	1	2	2	0	0	0	0	0
Georgia:									
Atlanta.....	222,963	2	11	3	47	1	0	0	20
Brunswick.....	15,937	0	0	0	0	0	0	0	0
Savannah.....	89,448	1	5	1	3	1	0	0	3
Florida:									
St. Petersburg.....	24,403	0	0	0	0	0	0	0	0
Tampa.....	56,050	0	1	3	0	0	0	1	2
EAST SOUTH CENTRAL									
Kentucky:									
Covington.....	57,877	0	4	2	0	0	0	0	0
Louisville.....	257,671	2	13	5	1	0	3	0	10
Tennessee:									
Memphis.....	170,067	0	16	5	0	1	0	0	7
Nashville.....	121,128	0	7	4	0	0	0	0	3
Alabama:									
Birmingham.....	195,901	0	6	5	6	6	0	0	9
Mobile.....	63,858	0	2	1	1	0	0	0	0
Montgomery.....	45,383	0	3	2	0	0	0	12	0
WEST SOUTH CENTRAL									
Arkansas:									
Fort Smith.....	30,635	2	2	0	0	-----	0	0	-----
Little Rock.....	70,916	0	3	7	5	0	1	0	1
Louisiana:									
New Orleans.....	404,575	0	13	8	19	3	1	0	12
Shreveport.....	54,590	2	1	1	0	0	0	0	1
Oklahoma:									
Muskogee.....	31,485	-----	6	-----	-----	-----	-----	-----	-----
Oklahoma City.....	101,150	1	5	3	0	0	0	0	5
Tulsa.....	102,018	2	6	7	0	-----	0	0	-----
Texas:									
Dallas.....	177,274	2	15	13	1	0	0	0	6
Galveston.....	46,877	0	1	0	0	0	0	0	1
Houston.....	154,970	-----	5	8	0	0	0	-----	5
San Antonio.....	184,727	0	2	6	0	0	0	0	6
MOUNTAIN									
Montana:									
Billings.....	16,927	7	0	0	0	0	0	3	0
Great Falls.....	27,787	5	2	0	0	0	0	106	0
Helena.....	1 12,037	0	0	1	0	0	0	0	0
Missoula.....	1 12,668	3	0	0	0	0	0	0	2
Idaho:									
Boise.....	22,806	2	0	1	0	0	0	0	0

¹ Population Jan. 1, 1920.

City reports for week ended November 7, 1925—Continued

Division, State, and city	Population July 1, 1923, estimated	Chicken pox, cases reported	Diphtheria		Influenza		Measles, cases reported	Mumps, cases reported	Pneumonia, deaths reported
			Cases, estimated expectancy	Cases reported	Cases reported	Deaths reported			
MOUNTAIN—continued									
Colorado:									
Denver.....	272,031	16	15	12	0	0	2	4	6
Pueblo.....	43,519	6	4	11	0	1	1	1	1
Arizona:									
Phoenix.....	33,899			0	0	1	0		1
Utah:									
Salt Lake City.....	126,241	47	3	5	0	0	1	4	2
Nevada:									
Reno.....	12,429	0	0	0	0	0	0	0	0
PACIFIC									
Washington:									
Seattle.....	1 315,685	24	6	1	0		1	7	
Spokane.....	104,573	14	5	1	0		0	0	
Tacoma.....	101,731	4	3	5	0	0	0	1	3
Oregon:									
Portland.....	273,621	10	7	25	0	0	2	8	4
California:									
Los Angeles.....	666,853	18	40	35	2	3	3	5	10
Sacramento.....	69,950	4	2	1	0	0	0	0	2
San Francisco.....	539,039	41	20	8	2	1	2	6	10

Division, State, and city	Scarlet fever		Smallpox			Tuber- cul- sis, deaths re- ported	Typhoid fever			Whoop- ing cough, cases re- ported	Deaths, all causes
	Cases, esti- mated expec- tancy	Cases re- ported	Cases, esti- mated expec- tancy	Cases re- ported	Deaths re- ported		Cases esti- mated expec- tancy	Cases re- ported	Deaths re- ported		
NEW ENGLAND											
Maine:											
Portland	1	6	0	0	0	0	0	1	2	2	22
New Hampshire:											
Concord	1	2	0	0	0	0	0	0	0	0	6
Manchester	1	9	0	0	0	0	0	0	0	0	16
Vermont:											
Barre	0	0	0	0	0	0	0	0	0	0	1
Burlington	1	0	0	0	0	0	0	0	0	0	10
Massachusetts:											
Boston	31	49	0	0	0	8	3	4	1	47	214
Fall River	1	4	0	0	0	1	1	0	0	0	25
Springfield	6	10	0	0	0	5	0	0	0	3	42
Worcester	8	20	0	0	0	2	0	0	0	14	46
Rhode Island:											
Pawtucket	1	0	0	0	0	0	0	0	0	0	16
Providence	5	5	0	0	0	3	1	3	0	7	78
Connecticut:											
Bridgeport	5	7	0	0	0	0	0	1	0	5	30
Hartford	5	6	0	0	0	0	0	0	0	1	40
New Haven	5	0	0	0	0	1	2	0	0	8	34
MIDDLE ATLANTIC											
New York:											
Buffalo	15	19	0	0	0	9	2	0	1	7	164
New York	78	59	0	0	0	1 109	22	12	3	39	1,358
Rochester	6	10	0	0	0	1	1	1	0	10	66
Syracuse	10	1	0	0	0	1	1	0	0	28	38
New Jersey:											
Camden	1	9	0	0	0	2	0	0	2	0	37
Newark	12	18	0	0	0	3	2	1	1	6	106
Trenton	1		0				1				
Pennsylvania:											
Philadelphia	45	47	1	0	0	28	8	5	0	25	431
Pittsburgh	28	49	0	0	0	12	2	2	3	15	200
Reading	1	6	0	0	0	1	0	0	0	10	35

¹Population Jan. 1, 1920.²Pulmonary tuberculosis only.

City reports for week ended November 7, 1925—Continued

Division, State, and city	Scarlet fever		Smallpox			Tuber- culosis, deaths re-ported	Typhoid fever			Whoop- ing cough, cases re-ported	Deaths, all causes
	Cases, esti- mated expec- tancy	Cases re- ported	Cases, esti- mated expec- tancy	Cases re- ported	Deaths re- ported		Cases, esti- mated expec- tancy	Cases re- ported	Deaths re- ported		
EAST NORTH CENTRAL											
Ohio:											
Cincinnati.....	12	15	0	0	0	11	1	5	0	17	135
Cleveland.....	23	13	1	0	0	13	4	2	0	32	174
Columbus.....	8	9	0	2	0	3	2	0	0	1	72
Toledo.....	12	4	0	0	0	4	4	12	0	0	70
Indiana:											
Fort Wayne.....	1	2	1	0	0	0	0	1	0	0	12
Indianapolis.....	10	8	1	8	0	7	0	3	0	18	101
South Bend.....	2	4	0	5	0	1	1	0	1	1	16
Terre Haute.....	3	5	1	1	0	0	0	3	3	0	18
Illinois:											
Chicago.....	102	64	1	0	0	42	7	5	1	39	653
Springfield.....	2	0	0	0	0	1	1	0	0	0	20
Michigan:											
Detroit.....	55	69	2	0	0	13	3	5	2	37	270
Flint.....	8	6	0	0	0	2	0	0	0	16	17
Grand Rapids.....	9	11	0	1	0	1	0	0	0	6	25
Wisconsin:											
Madison.....	1	2	0	0	0	0	0	0	0	5	7
Milwaukee.....	25	9	1	0	0	6	1	1	0	16	108
Racine.....	5	0	1	0	0	1	0	1	0	5	9
Superior.....	2	11	1	0	0	0	0	0	0	0	8
WEST NORTH CENTRAL											
Minnesota:											
Duluth.....	3	18	0	0	0	1	0	1	1	6	15
Minneapolis.....	25	49	1	0	0	2	0	2	0	1	98
St. Paul.....	9	20	3	0	0	4	1	0	0	12	50
Iowa:											
Davenport.....	1	1	0	0	0	0	1	0	0	0	0
Des Moines.....	12	4	1	0	0	0	0	0	0	0	0
Sioux City.....	3	0	1	2	0	0	0	0	0	0	0
Waterloo.....	2	3	1	0	0	0	0	0	0	1	0
Missouri:											
Kansas City.....	9	16	0	0	0	8	1	0	0	7	101
St. Joseph.....	4	6	0	0	0	1	1	3	0	0	25
St. Louis.....	29	46	1	0	0	15	3	6	1	3	252
North Dakota:											
Fargo.....	2	2	0	0	0	0	0	0	0	15	8
Grand Forks.....	1	0	0	1	0	0	0	0	0	0	0
South Dakota:											
Aberdeen.....	0	0	0	0	0	0	0	0	0	1	0
Sioux Falls.....	1	10	0	0	0	0	0	0	0	0	4
Nebraska:											
Lincoln.....	1	6	0	0	0	0	0	0	0	8	13
Omaha.....	3	4	1	3	0	3	0	0	0	0	51
Kansas:											
Topeka.....	3	9	0	0	0	0	0	3	0	5	13
Wichita.....	3	2	0	0	0	0	0	0	0	0	22
SOUTH ATLANTIC											
Delaware:											
Wilmington.....	3	4	0	0	0	0	2	0	0	1	32
Maryland:											
Baltimore.....	13	14	0	0	0	17	5	11	1	37	229
Cumberland.....	1	0	0	0	0	0	1	0	0	0	10
Frederick.....	0	0	0	0	0	0	0	0	0	0	1
District of Col.:											
Washington.....	13	38	0	0	0	9	3	5	1	4	148
Virginia:											
Lynchburg.....	1	2	0	0	0	4	0	0	0	0	10
Norfolk.....	1	1	0	0	0	4	0	1	0	1	0
Richmond.....	8	7	0	0	0	2	1	0	0	0	55
Roanoke.....	2	3	0	0	0	2	1	0	0	0	21
West Virginia:											
Charleston.....	1	2	0	1	0	0	1	8	1	2	22
Huntington.....	2	2	0	0	0	1	0	0	0	0	19
Wheeling.....	2	6	0	0	0	0	2	1	0	0	22

City reports for week ended November 7, 1925—Continued

Division, State, and city	Scarlet fever		Smallpox			Tuber- culosis, deaths re- ported	Typhoid fever			Whoop- ing cough, cases re- ported	Deaths, all causes
	Cases, esti- mated expect- ancy	Cases re- ported	Cases, esti- mated expect- ancy	Cases re- ported	Deaths re- ported		Cases, esti- mated expect- ancy	Cases re- ported	Deaths re- ported		
SOUTH ATLANTIC— continued											
North Carolina:											
Raleigh.....	1	2	0	0	0	2	0	0	0	1	—
Wilmington.....	1	2	0	0	0	0	0	0	0	0	10
Winston-Salem.....	2	2	0	5	0	1	0	0	0	3	17
South Carolina:											
Charleston.....	1	1	0	0	0	4	1	1	0	0	32
Columbia.....	1	1	0	0	0	—	1	0	—	0	—
Greenville.....	1	0	0	0	0	0	0	1	0	0	4
Georgia:											
Atlanta.....	7	2	1	0	0	6	1	3	0	2	97
Brunswick.....	0	0	0	0	0	0	0	0	0	0	2
Savannah.....	1	3	0	0	0	8	1	0	0	0	36
Florida:											
St. Petersburg.....	0	0	0	0	0	0	0	0	0	0	8
Tampa.....	0	0	0	0	0	2	0	0	0	0	19
EAST SOUTH CENTRAL											
Kentucky:											
Covington.....	2	0	0	0	0	1	0	1	0	0	17
Louisville.....	4	2	0	0	0	6	1	10	1	2	91
Tennessee:											
Memphis.....	4	4	0	0	0	5	2	6	4	2	76
Nashville.....	4	8	0	0	0	1	2	11	1	0	43
Alabama:											
Birmingham.....	6	4	0	5	0	5	2	4	0	2	77
Mobile.....	1	1	0	0	0	0	1	0	0	0	18
Montgomery.....	1	0	0	0	0	0	0	0	0	0	—
WEST SOUTH CENTRAL											
Arkansas:											
Fort Smith.....	1	1	0	0	—	—	1	0	—	0	—
Little Rock.....	1	2	0	0	0	1	1	2	0	0	—
Louisiana:											
New Orleans.....	4	6	0	0	0	15	4	6	3	9	148
Shreveport.....	1	1	0	0	0	2	0	1	1	0	28
Oklahoma:											
Oklahoma City.....	3	3	0	0	0	2	1	4	0	0	29
Tulsa.....	3	4	0	0	—	—	1	0	—	2	—
Texas:											
Dallas.....	4	11	0	0	0	4	1	2	0	4	62
Galveston.....	1	0	0	0	0	0	1	0	0	0	15
Houston.....	1	1	0	0	0	3	0	0	0	0	42
San Antonio.....	1	0	0	0	0	3	0	0	0	0	49
MOUNTAIN											
Montana:											
Billings.....	1	0	0	0	0	0	0	0	0	0	11
Great Falls.....	1	1	0	1	0	1	0	0	0	0	6
Helena.....	0	0	0	0	0	2	0	0	0	0	6
Missoula.....	0	2	0	0	0	0	0	0	0	0	7
Idaho:											
Boise.....	1	1	1	1	0	0	0	0	0	0	2
Colorado:											
Denver.....	7	8	2	0	0	5	2	0	1	11	77
Pueblo.....	1	1	0	0	0	1	1	3	0	0	9
Arizona:											
Phoenix.....	—	2	—	0	0	2	—	0	0	—	16
Utah:											
Salt Lake City.....	2	5	0	0	0	0	1	1	0	2	29
Nevada:											
Reno.....	0	0	0	0	0	0	0	0	0	0	1
PACIFIC											
Washington:											
Seattle.....	7	15	1	4	—	—	1	1	—	2	—
Spokane.....	5	9	3	0	—	—	1	0	—	0	—
Tacoma.....	1	5	0	0	0	1	0	1	1	0	31
Oregon:											
Portland.....	8	20	3	1	0	4	2	0	0	0	—
California:											
Los Angeles.....	13	15	1	12	0	14	3	0	0	1	195
Sacramento.....	2	0	0	0	0	3	1	0	0	0	23
San Francisco.....	7	12	1	1	0	10	1	1	0	5	141

City reports for week ended November 7, 1925—Continued.

Division, State, and city	Cerebrospinal meningitis		Lethargic encephalitis		Pellagra		Poliomyelitis (infantile paralysis)		
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases, estimated expectancy	Cases	Deaths
NEW ENGLAND									
Massachusetts:									
Boston.....	0	0	0	0	0	0	2	2	0
Rhode Island:									
Providence.....	0	0	0	0	0	0	0	1	0
MIDDLE ATLANTIC									
New York:									
Buffalo.....	0	0	0	0	0	0	0	1	0
New York City.....	2	2	7	2	0	0	9	10	2
Rochester.....	0	0	0	0	0	0	0	0	1
Pennsylvania:									
Philadelphia.....	0	0	1	1	0	1	0	0	0
EAST NORTH-CENTRAL									
Ohio:									
Cleveland.....	0	0	0	0	0	0	1	1	1
Indiana:									
Indianapolis.....	0	0	0	0	0	0	1	1	0
Illinois:									
Chicago.....	0	0	2	2	0	0	3	3	0
Michigan:									
Detroit.....	2	1	2	0	0	0	0	2	1
Wisconsin:									
Milwaukee.....	0	0	1	0	0	0	0	0	0
WEST NORTH CENTRAL									
Missouri:									
Kansas City.....	0	0	1	1	0	0	0	0	0
St. Louis.....	0	0	0	0	0	0	0	1	0
Nebraska:									
Omaha.....	1	1	0	0	0	0	0	1	2
Kansas:									
Topeka.....	0	0	0	0	0	0	0	1	0
SOUTH ATLANTIC									
Maryland:									
Baltimore.....	0	0	1	1	0	0	1	1	1
District of Columbia:									
Washington.....	0	0	1	0	0	0	0	1	0
North Carolina:									
Raleigh.....	0	0	0	0	0	1	0	0	0
South Carolina:									
Charleston.....	0	0	0	0	0	1	0	0	0
Florida:									
Tampa.....	0	0	0	0	1	0	0	0	0
EAST SOUTH CENTRAL									
Kentucky:									
Louisville.....	0	0	0	0	0	0	0	3	0
Tennessee:									
Nashville.....	0	0	0	0	0	0	0	1	0
WEST SOUTH CENTRAL									
Louisiana:									
New Orleans.....	0	0	1	1	0	0	0	2	1
Shreveport.....	0	0	0	0	0	1	0	0	0
Oklahoma:									
Oklahoma City.....						1	0		
Texas:									
Dallas ¹	0	0	0	0	1	1	0	0	0
PACIFIC									
Washington:									
Tacoma.....	0	0	0	0	0	0	0	2	0
Oregon:									
Portland.....	1	2	0	0	0	0	0	0	0
California:									
Los Angeles.....	0	0	0	0	0	0	1	1	0
Sacramento.....	0	0	0	0	0	0	0	1	0
San Francisco.....	0	0	1	1	0	0	0	1	0

¹ Dengue, 1 case.

The following table gives the rates per 100,000 population for 103 cities for the 10-week period ended November 7, 1925. The population figures used in computing the rates were estimated as of July 1, 1923, as this is the latest date for which estimates are available. The 103 cities reporting cases had an estimated aggregate population of nearly 29,000,000, and the 96 cities reporting deaths had more than 28,000,000 population. The number of cities included in each group and the aggregate populations are shown in a separate table below.

*Summary of weekly reports from cities, August 30 to November 7, 1925—Annual rates per 100,000 population*¹

DIPHTHERIA CASE RATES

	Week ended—									
	Sept. 5	Sept. 12	Sept. 19	Sept. 26	Oct. 3	Oct. 10	Oct. 17	Oct. 24	Oct. 31	Nov. 7
103 cities	² 72	96	99	³ 102	⁴ 120	140	154	⁵ 168	⁶ 182	⁶ 167
New England.....	45	77	144	84	77	99	124	⁷ 97	137	97
Middle Atlantic.....	62	89	83	81	84	114	129	129	149	⁶ 128
East North Central.....	61	75	81	113	⁴ 140	164	174	189	195	187
West North Central.....	102	145	149	155	195	207	236	259	282	267
South Atlantic.....	113	127	94	117	225	191	224	⁸ 268	228	211
East South Central.....	34	80	80	63	69	97	97	109	97	137
West South Central.....	32	125	60	79	65	83	93	102	264	199
Mountain.....	315	200	224	³ 195	134	200	162	372	³ 176	286
Pacific.....	² 80	78	136	107	107	107	110	142	157	148

MEASLES CASE RATES

103 cities	² 22	23	30	³ 36	⁴ 41	55	70	⁵ 93	⁶ 105	⁶ 155
New England.....	52	94	112	184	250	385	447	⁷ 599	604	852
Middle Atlantic.....	25	25	34	32	35	47	65	87	110	⁶ 161
East North Central.....	21	17	24	24	⁴ 26	26	25	47	57	74
West North Central.....	6	4	10	6	8	6	10	10	12	15
South Atlantic.....	25	23	16	31	25	16	55	⁸ 40	59	154
East South Central.....	0	0	6	11	11	11	6	40	17	17
West South Central.....	0	5	5	0	0	0	0	14	5	9
Mountain.....	0	10	10	² 29	10	38	10	29	³ 20	38
Pacific.....	² 28	9	15	20	3	12	29	12	15	17

SCARLET FEVER CASE RATES

103 cities	² 56	54	63	³ 66	⁴ 91	96	126	⁵ 132	⁶ 160	⁶ 171
New England.....	47	65	62	47	89	109	132	⁷ 130	201	271
Middle Atlantic.....	30	31	47	49	62	65	75	96	106	⁶ 112
East North Central.....	62	61	62	70	⁴ 104	117	151	142	194	167
West North Central.....	125	114	151	147	195	135	276	296	305	384
South Atlantic.....	59	57	39	66	69	98	137	⁸ 134	193	185
East South Central.....	143	120	57	80	80	132	154	132	80	109
West South Central.....	37	32	42	14	51	65	56	42	² 42	102
Mountain.....	76	38	166	³ 88	181	153	48	115	³ 195	172
Pacific.....	² 52	38	67	81	93	107	142	133	148	162

¹ The figures given in this table are rates per 100,000 population, annual basis, and not the number of cases reported. Populations used are estimated as of July 1, 1923.

² Spokane, Wash., not included.

³ Helena, Mont., not included.

⁴ Superior, Wis., not included.

⁵ Barre, Vt., and Winston-Salem, N. C., not included.

⁶ Trenton, N. J., not included.

⁷ Barre, Vt., not included.

⁸ Winston-Salem, N. C., not included.

Summary of weekly reports from cities, August 30 to November 7, 1925—Annual rates per 100,000 population—Continued

SMALLPOX CASE RATES

	Week ended—									
	Sept. 5	Sept. 12	Sept. 19	Sept. 26	Oct. 3	Oct. 10	Oct. 17	Oct. 24	Oct. 31	Nov. 7
103 cities.....	² 5	6	7	³ 6	⁴ 2	5	8	⁵ 7	⁶ 10	⁶ 10
New England.....	0	0	0	0	0	0	0	⁷ 7	0	0
Middle Atlantic.....	0	0	0	0	0	0	0	0	0	⁶ 0
East North Central.....	5	2	2	2	⁴ 0	1	8	4	17	12
West North Central.....	4	4	4	2	2	10	0	4	27	12
South Atlantic.....	2	12	12	6	6	6	6	⁶ 0	6	12
East South Central.....	11	23	40	34	0	17	46	6	6	23
West South Central.....	5	5	5	0	0	0	0	0	0	0
Mountain.....	10	19	0	³ 30	10	10	29	10	⁵ 10	19
Pacific.....	² 40	44	49	41	26	46	58	78	46	49

TYPHOID FEVER CASE RATES

103 cities.....	² 40	42	51	³ 45	⁴ 40	37	36	⁵ 33	⁶ 26	⁶ 27
New England.....	30	35	30	22	47	17	25	⁷ 15	⁸ 17	22
Middle Atlantic.....	29	27	35	34	32	31	28	25	⁹ 21	⁶ 11
East North Central.....	19	22	19	31	⁴ 18	22	32	9	16	19
West North Central.....	21	62	58	17	35	33	21	33	19	31
South Atlantic.....	62	51	111	94	54	55	70	⁶ 78	27	64
East South Central.....	183	246	212	217	143	177	132	160	109	183
West South Central.....	176	74	167	102	97	60	46	83	83	51
Mountain.....	29	133	88	³ 98	115	124	48	67	³ 88	38
Pacific.....	² 31	29	29	23	29	9	20	32	20	9

INFLUENZA DEATH RATES

96 cities.....	3	5	5	³ 3	⁴ 4	3	6	⁵ 8	⁶ 11	⁶ 13
New England.....	0	2	0	0	0	0	0	⁷ 2	12	5
Middle Atlantic.....	3	3	6	3	3	3	5	8	10	⁶ 14
East North Central.....	3	7	4	5	⁴ 7	3	8	9	7	12
West North Central.....	2	0	7	4	7	4	7	7	11	7
South Atlantic.....	2	0	2	2	4	2	2	⁸ 2	6	18
East South Central.....	0	6	6	0	17	0	17	6	29	40
West South Central.....	5	5	10	0	20	15	10	20	41	15
Mountain.....	19	29	20	³ 10	0	10	0	38	³ 10	10
Pacific.....	0	4	0	4	0	0	11	4	¹⁰ 4	15

PNEUMONIA DEATH RATES

96 cities.....	73	64	62	³ 57	⁴ 62	66	94	⁵ 96	⁶ 122	⁶ 137
New England.....	55	52	70	55	32	60	97	⁷ 87	112	139
Middle Atlantic.....	84	68	62	66	68	64	94	104	137	⁶ 142
East North Central.....	64	49	47	42	⁴ 47	65	94	83	119	125
West North Central.....	33	37	46	28	37	46	61	63	99	88
South Atlantic.....	57	64	86	92	87	76	129	⁸ 124	137	207
East South Central.....	143	154	86	46	109	120	103	132	114	166
West South Central.....	76	87	82	51	66	66	56	117	138	163
Mountain.....	86	38	117	² 78	143	95	124	115	³ 78	105
Pacific.....	106	102	69	57	98	57	83	79	¹⁰ 53	95

² Spokane, Wash., not included.³ Helena, Mont., not included.⁴ Superior, Wis., not included.⁵ Barre, Vt., and Winston-Salem, N. C., not included.⁶ Trenton, N. J., not included.⁷ Barre, Vt., not included.⁸ Winston-Salem, N. C., not included.⁹ Helena, Mont., and Tacoma, Wash., not included.¹⁰ Tacoma, Wash., not included.

Number of cities included in summary of weekly reports and aggregate population of cities in each group, estimated as of July 1, 1923

Group of cities	Number of cities reporting cases	Number of cities reporting deaths	Aggregate population of cities reporting cases	Aggregate population of cities reporting deaths
Total.....	103	96	28,977,311	28,321,626
New England.....	12	12	2,098,746	2,098,746
Middle Atlantic.....	10	10	10,304,114	10,304,114
East North Central.....	16	16	7,135,899	7,135,899
West North Central.....	14	11	2,515,330	2,381,454
South Atlantic.....	21	21	2,542,498	2,542,498
East South Central.....	7	7	911,885	911,885
West South Central.....	8	6	1,124,564	1,023,013
Mountain.....	9	9	546,445	546,445
Pacific.....	6	4	1,797,830	1,377,572

FOREIGN AND INSULAR

THE FAR EAST

Report for week ended October 24, 1925.—The following report, for the week ended October 24, 1925, was transmitted by the far eastern bureau of the health section of the League of Nations' Secretariat, located at Singapore, to the headquarters at Geneva:

Port	Plague		Cholera		Smallpox	
	Cases	Deaths	Cases	Deaths	Cases	Deaths
Calcutta						
Bombay						
Madras		0		0	8	2
Rangoon		1		0	0	0
Karachi		1		0	4	2
Negapatam						
Colombo	0	0	0	0	0	0
Singapore	0	0	0	0	0	0
Port Swettenham	0	0	0	0	0	0
Penang	0	0	0	0	0	0
Batavia	0	0	0	0	0	0
Soerabaya	0	0	0	0	0	0
Samarang	0	0	0	0	0	0
Belawan Deli	0	0	0	0	0	0
Macassar	0	0	0	0	0	0
Sandakan (North Borneo)	0	0	0	0	0	0
Kuching (Sarawak)	0	0	0	0	5	1
Manila	0	0	6	3	0	0
Bangkok	0	0	5	4	0	0
Saigon and Cholon	0	0	0	0	0	0
Hongkong	0	0	0	0	0	0
Shanghai	0	0	0	0	1	0
Amoy	0	0	0	0	0	0
Nagasaki	0	0	0	0	0	0
Yokohama	0	0	0	0	0	0
Simonoseki	0	0	0	0	0	0
Moji	0	0	0	0	0	0
Kobe	0	0	1		0	0
Osaka	0	0	8		0	0
Keelung (Taiwan)	0	0		0	0	0
Fusan	0	0	0	0	0	0
Dairen	0	0	0	0	2	0
Adelaide	0	0	0	0	0	0
Brisbane	0	0	0	0	0	0
Fremantle	0	0	0	0	0	0
Melbourne	0	0	0	0	0	0
Sydney	0	0	0	0	0	0
Suez	0	0	0	0	0	0
Alexandria	0	0	0	0	0	0
Port Said	0	0	0	0	0	0
Mombasa (Kenya)	0	0	0	0	0	0
Massowah	0	0	0	0	0	0
Djibuti	0	0	0	0	0	0
Lourenco Marques	0	0	0	0	0	0
Durban	0	0	0	0	0	0
Cape Town	0	0	0	0	0	0
Mauritius	1	1	0	0	0	0
Seychelles	0	0	0	0	0	0

CHINA

Infectious disease prevalence—South Manchuria Area and Leased Territory—Ten-year period.—Information received from the sanitary office of the South Manchuria Railway Co. for the last ten years shows that of diseases of the digestive organs reported within the railway area typhoid fever showed the greatest number of cases, followed by dysentery, paratyphoid fever, and cholera in the order named. Death rates from scarlet fever, smallpox, typhus fever, diphtheria, and plague are stated to have been high. Conditions of occurrence and prevalence of disease during the 10-year period were further reported as follows:

Cerebrospinal meningitis.—Made notifiable in May, 1918. The disease has appeared sporadically with a few cases in the railway area.

Cholera.—Appeared at Dairen, Port Arthur, Liaoyang, and Antung in the summer of 1907; again at Dairen and Port Arthur in August, 1909, and in a few other localities; in 1911 present with greater virulence at Dairen, Port Arthur, and Chinchu, but did not spread beyond the leased territory. In 1912 five cases were found among crews and passengers of vessels arrived at Dairen. At this time the disease did not invade the railway area. In the late spring of 1919 cholera spread from Swatow by way of Shanghai and Tientsin via Yingkou (Newchwang), into South Manchuria, passing the Liao River and overrunning the whole of South Manchuria. The epidemic was suppressed in October of the same year. There were reported 13,000 cases with 6,300 fatalities.

Diphtheria.—Generally diffused in sporadic form. At Fushun a considerable number of cases were reported yearly from the year 1913. Cases were reported in considerable numbers at Mukden.

Influenza.—Outbreaks at various points in Manchuria in May, 1918, with rapid spread and about 21,000 reported cases. In September of the same year the disease reappeared. Acute pneumonia and bronchial catarrh developed in many cases. There were reported in all Manchuria 65,000 cases with 1,000 deaths. In October, 1919, the world epidemic of influenza reached Manchuria by way of Japan and Shanghai. The epidemic ceased in February, 1920. At Dairen 3,000 cases were reported. (Population, census of 1925, 188,549.)

Lethargic encephalitis.—Stated to be of sporadic occurrence only.

Paratyphoid fever.—Made notifiable in August, 1911, having been previously classed with typhoid fever. In 1914 and 1915 a comparatively large number of cases were reported, but since that date no marked prevalence has been reported.

Plague.—Plague was reported in North Manchuria in October, 1910, at the time of the annual movement of coolies into South Man-

churia. Some of these coolies presented symptoms of plague and the disease was widely disseminated. Railway traffic was suspended to prevent importation of the disease, but this measure was only partially effective, as the coolies are generally foot travelers. The number of cases of plague reported in the Kwantung Leased Territory and the South Manchuria railway area was over 200, the aggregate of all cases occurring in Manchuria being estimated at far above 40,000. In August, 1920, a few cases from the epidemic of pneumonic plague prevailing on the North Manchuria frontier were imported into South Manchuria.

Relapsing fever.—Stated to be considerably prevalent among Chinese coolies in summer. The disease was made notifiable in June, 1913. The point of outbreak was stated to be generally Fushun and cases appearing at other localities have been generally traced to contact with Chinese coolies at Fushun collieries.

Scarlet fever.—No case was reported until the year 1908. In 1909 two cases occurred at Dairen, besides three in the railway area. Since that date outbreaks have been reported at various localities, during summer months dying out, but present generally at other seasons and in winter particularly malignant; present recently with less frequency and not in epidemic form.

Smallpox.—Appearing sporadically annually among Chinese and Japanese.

Tuberculosis.—Mortality from tuberculosis was stated to show a gradually increasing tendency, largely among young people.

Typhoid fever.—Present sporadically and in epidemic form every year.

Typhus fever.—First reported at Liaoyang in 1909. Since that date sporadic cases have been notified at different localities but in decreasing numbers.

Infectious diseases in South Manchuria Railway Area, 1924

Disease	Japanese		Chinese		Foreign		Total	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
Cerebrospinal meningitis.....	18	10	3	1	-----	-----	21	11
Diphtheria.....	96	9	1	-----	1	-----	98	9
Dysentery.....	825	102	82	13	9	3	916	118
Paratyphoid fever.....	109	4	6	-----	2	1	117	5
Scarlet fever.....	400	43	4	-----	-----	-----	404	43
Smallpox.....	239	22	109	11	2	1	350	34
Typhoid fever.....	594	75	31	7	16	2	641	84
Typhus fever.....	9	-----	4	1	-----	-----	13	1

CUBA

Communicable diseases—Habana—October 1-31, 1925.—During October, 1925, communicable diseases were reported at Habana, Cuba, as follows:

Disease	New cases	Deaths	Remain- ing under treatment Oct. 31, 1925	Disease	New cases	Deaths	Remain- ing under treatment Oct. 31, 1925
Chicken pox.....	1	-----	-----	Malaria ¹	75	2	21
Dengue.....	1	-----	-----	Measles.....	46	-----	19
Diphtheria.....	8	-----	3	Scarlet fever.....	13	-----	3
Leprosy.....	-----	-----	9	Typhoid fever ¹	27	5	17

¹ Many of these cases were from the interior.

EGYPT

Plague—October 15-21, 1925—Summary.—During the week ended October 21, 1925, five cases of plague were reported in Egypt, making a total of 126 cases reported from January 1 to October 21, 1925, as compared with 357 cases occurring during the corresponding period of the year 1924.

FINLAND

Communicable diseases—September, 1925.—During the month of September, 1925, communicable diseases were reported in Finland as follows:

Disease	Cases	Disease	Cases
Diphtheria.....	83	Poliomyelitis.....	6
Dysentery.....	22	Scarlet fever.....	72
Paratyphoid fever.....	97	Typhoid fever.....	87

Population, Census, 1923: 3,469,402.

FRANCE

Fatal case of plague—Vicinity of Marseille—October 13, 1925.—Information was received under date of November 3, 1925, of the occurrence of a fatal case of plague, October 13, 1925, at Chateau Gombert, situated about 8½ kilometers from Marseille, France.

GREECE

Plague case at Cephalonia, Ionian Islands—November 10, 1925.—According to information dated November 12, 1925, a case of plague was reported November 10, 1925, at Cephalonia, Ionian Islands, Greece. The case was stated to have originated at Patras, Greece.

JAMAICA

Smallpox (reported as alastrim)—September 27–October 31, 1925.—During the five-week period ended October 31, 1925, smallpox (reported as alastrim) was notified in the Island of Jamaica as follows: Kingston, 34 cases; localities outside of Kingston, 49 cases.

Other diseases.—Other diseases were reported in the island during the period under report as follows: Chicken pox (outside of Kingston) 6 cases; tuberculosis, pulmonary, Kingston, 8 cases; outside of Kingston, 45 cases; typhoid fever, Kingston, 1 case; outside of Kingston, 56 cases.

MALTESE ISLANDS

Mortality—Communicable diseases—Year 1924.—During the year 1924 there were reported in the Islands of Malta and Gozo, 5,181 deaths (Malta, 4,686; Gozo, 495 deaths). Causes of death were reported as follows:

Disease	Cases	Deaths	Disease	Cases	Deaths
Cerebrospinal meningitis.....	-----	2	Pneumonia (all forms).....	-----	86
Chicken pox.....	30	-----	Broncho.....	-----	52
Diphtheria.....	39	10	Lobar.....	-----	13
Influenza.....	¹ 798	22	Type not stated.....	-----	21
Lethargic encephalitis.....	40	11	Scarlet fever.....	6	-----
Malta (undulant) fever.....	940	49	Tuberculosis, all forms.....	-----	219
Measles.....	567	17	Typhoid fever.....	307	41
			Whooping cough.....	² 501	53

¹ Occurring mostly during the first quarter of the year.

² Epidemic from mid-year 1923 to March, 1924, with total of 1,672 cases; of which 501 occurred in 1924.

Leprosy.—Leprosy was reported during the year in the Maltese Islands with 14 deaths.

Lethargic encephalitis.—This disease was first recognized in the Maltese Islands in April, 1920, with 14 cases reported from that date to May, 1922. During the year 1924, 40 cases with 11 deaths were reported after a period of complete abeyance covering most of the year 1922 and all of the year 1923. This fact, with certain conditions of occupation and locality, indicated fresh infection. Lethargic encephalitis was added to the list of notifiable diseases in 1920.

Malta (undulant) fever.—The notified incidence of Malta (undulant) fever, 940 cases, shows a decrease from the two previous years.

Trachoma.—Trachoma was made notifiable in August, 1922. To the end of that year 833 cases had been reported. During 1923, 1,282 cases were notified, and during the year 1924, 488 cases.

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER

The reports contained in the following tables must not be considered as complete or final as regards either the lists of countries included or the figures for the particular countries for which reports are given.

Reports Received During Week Ended November 27, 1925 ¹**CHOLERA**

Place	Date	Cases	Deaths	Remarks
Ceylon:				
Colombo.....	Oct. 4-10.....	2	2	Immigrants.
India.....				Sept. 13-19, 1925: Cases, 1,106;
Calcutta.....	Sept. 13-Oct. 10....	30	29	deaths, 702.
Rangoon.....	Sept. 20-Oct. 10....	2	2	

PLAGUE

Algeria:				
Algiers.....	Oct. 11-20.....	1		
British East Africa:				
Tanganyika Territory.....	Sept. 20-26.....		2	July, 1925: Cases, 116; deaths, 102
Uganda.....				
China:				
Nanking.....	Oct. 11-17.....			Present.
Swatow.....	do.....			Endemic.
Egypt.....				Oct. 15-21, 1925: Cases, 5; total, Jan. 1-Oct. 21, 1925: Cases, 126; corresponding period, 1924—cases, 357.
France:				
Chateau Gombert.....	Oct. 13.....	1	1	Distant 8½ kilometers from Marseille.
Greece:				
Cephalonia.....	Nov. 10.....	1		Ionian Islands. Case stated to have originated at Patras.
India.....				Sept. 13-19, 1925: Cases, 1,325; deaths, 926.
Bombay.....	Sept. 27-Oct. 3.....	1	1	
Madras Presidency.....	Oct. 20-26.....	7	8	
Rangoon.....	Sept. 20-Oct. 10....	23	23	
Java:				
Batavia.....	Sept. 26-Oct. 2.....	56	55	Epidemic.
Besoeki.....	Sept. 2-5.....			
Cheribon.....	Aug. 23-Sept. 12....		135	
Djakakarts.....	Sept. 2-5.....			Do.
Kediri.....	do.....			Do.
Pekalongan.....	Aug. 23-Sept. 12....		48	
Soerabaya.....	Sept. 13-19.....	9	9	Epidemic, Sept. 2-5, 1925: At Ternan.
Soerakarta.....	Sept. 11-17.....			Epidemic in four localities.
Syria:				
Beirut.....	Oct. 1-10.....	1		

SMALLPOX

Algeria:				
Algiers.....	Oct. 1-20.....	3		September, 1925: Cases, 12.
British East Africa:				
Mombasa.....	Oct. 4-10.....		1	
Tanganyika Territory.....	Sept. 13-26.....	8	1	
China:				
Amoy.....	Sept. 20-Oct. 3.....			Present.
Nanking.....	Oct. 11-17.....			Do.
Swatow.....	do.....			Do.
Great Britain:				
Hull.....	Oct. 25-31.....	12		
Newcastle-on-Tyne.....	do.....	1		
India.....				Sept. 13-19, 1925: Cases, 909; deaths, 183.
Bombay.....	Sept. 20-Oct. 3.....	2		
Calcutta.....	Sept. 13-Oct. 10....	7	7	
Madras.....	Oct. 11-17.....	9	7	
Jamaica.....				Sept. 27-Oct. 31, 1925: Cases, 83. (Reported as alastrim.) Reported as alastrim.
Kingston.....	Sept. 27-Oct. 31....	34		
Java:				
Paseroean Residency.....	Sept. 17.....			Epidemic.
Soerabaya.....	Sept. 13-19.....	101	13	
Mexico:				
Mexico City.....	Oct. 18-24.....	1		Including municipalities in Federal district.
Union of South Africa:				
Transvaal.....	Sept. 27-Oct. 3.....			Outbreaks.

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 November 27, 1925—Continued

TYPHUS FEVER

Place	Date	Cases	Deaths	Remarks
Algeria:				
Algiers.....	Oct. 11-20.....	1		September, 1925: Cases, 2.
Chile:				
Valparaiso.....	Oct. 4-17.....		3	
Mexico:				
Mexico City.....	Oct. 18-24.....	11		Including municipalities in Federal district.
San Luis Potosi.....	Nov. 1-7.....		1	Sept. 15-Oct. 19, 1925: 9 cases, occurring in 6 localities, viz, Beit Gan, Haifa, Kehr, Uria, Rishon, Safad, and Tel-Aviv.
Palestine.....				Aug. 16-22, 1925: Cases, 13; 1 death.
Poland.....				
Union of South Africa:				
Cape Province.....	Oct. 4-10.....			Outbreaks.

YELLOW FEVER

Gold Coast.....	July, 1925.....	1	1	
Nigeria.....	April-June, 1925.....	12	6	
Do.....	July, 1925.....	4	3	

Reports Received from June 27 to November 20, 1925¹

CHOLERA

Place	Date	Cases	Deaths	Remarks
Algeria:				
Algiers.....	May 11-20.....	1		
Ceylon:				
Colombo.....	May 10-16.....	2	2	Jan. 25-June 27, 1925: Cases, 172; deaths, 120. June 28-Aug. 9, 1925: Cases, 27; deaths, 21.
China:				
Foochow.....	Aug. 23-Sept. 19.....	19	9	
Hongkong.....	Sept. 13-19.....	2	2	
Nanking.....	Sept. 6-12.....			Sporadic cases.
Shanghai.....	July-September.....	2,058	218	Foreign: Cases, 58; deaths, 15.
South Manchuria—				Native: Cases, 2,000; deaths, 203.
Yingkou.....	Sept. 27-Oct. 3.....	2		Present.
Swatow.....	Oct. 8.....			
India:				
Bombay.....	May 10-June 27.....	2	1	Apr. 26-June 27, 1925: Cases, 33,647; deaths, 19,950. June 28-Aug. 29, 1925: Cases, 16,453; deaths, 9,239.
Do.....	June 28-Aug. 15.....	11	7	
Calcutta.....	May 3-9.....	53	49	
Do.....	May 17-23.....	79	61	
Do.....	June 14-20.....	12	11	
Do.....	July 5-Sept. 12.....	81	66	
Karachi.....	Aug. 30-Sept. 5.....	1	1	
Madras Presidency.....	June 6-20.....	4	1	
Do.....	July 5-Oct. 3.....	49	19	
Rangoon.....	May 3-June 6.....	22	15	Feb. 8-14, 1925: Cases, 2; deaths, 2. (Received out of date.)
Do.....	June 14-27.....	12	8	
Do.....	June 28-Sept. 5.....	7	6	
Indo-China:				
Saigon.....	May 4-June 7.....	4	3	Including 100 square kilometers of surrounding country.
Do.....	June 23-July 12.....	3	2	Do.
Do.....	Aug. 3-9.....	1	1	
Japan:				
Kobe.....	Sept. 4-6.....	5	2	
Taiwan Island, Tiahoku.....	Oct. 1-8.....			Present.
Yokohama.....	Sept. 2.....	5	3	

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 from June 27 to November 20, 1925—Continued

CHOLERA—Continued

Place	Date	Cases	Deaths	Remarks
Philippine Islands:				
Albay—				
Tabaco.....	June 14-20.....	1	1	
Batangas.....	Sept. 6-12.....	1	1	
Bulacan.....	do.....	1	1	
Do.....	June 28-Sept. 19.....	5	4	
Camarines Sur.....	July 3-9.....	1	1	
Lagonoy.....	June 6-12.....	2	1	
Laguna.....	Sept. 6-12.....	1	1	
Leyte.....	July 8-14.....	1	1	
Manila.....	June 15-28.....	3	1	
Do.....	June 29-Aug. 16.....	17	4	
Do.....	Sept. 7-Oct. 4.....	175	64	
Mountain Province.....	June 23-29.....	1	1	
Rizal Province.....	Aug. 2-8.....	2	1	
Do.....	Aug. 16-Sept. 22.....	6	6	
Suragao.....	Aug. 16-22.....	1	1	
Zambales.....	Sept. 20-26.....	1	1	
Siam:				
Bangkok.....	Apr. 29-June 27.....	9	4	
Do.....	Aug. 23-29.....	1	1	
Turkey:				
Constantinople.....	May 16-22.....	1	1	
On vessel:				
-----	-----	1	-----	At Nagasaki. Reported Sept. 2, 1925, arrived on vessel from China.
Steamship President Lincoln.....	-----	1	-----	At Kobe, Sept. 5, 1925, from Shanghai.
Steamship Amboise.....	Sept. 16, 1925.....	2	2	At Hongkong, China, from Yokohama, via Shanghai. In port at Shanghai Sept. 11-13, 1925. Arrived at Suez Oct. 15, having received free pratique at the intermediary ports of Saigon, Singapore, Colombo, and Djibuti. Destination, Marseille.

PLAGUE

Brazil:				
Bahia.....	May 3-June 13.....	5	4	
Do.....	Sept. 6-12.....	1	1	
British East Africa:				
Uganda.....	Feb. 1-28.....	28	28	
Entebbe.....	May 4-June 30.....	79	74	Apr. 1-May 31, 1925: Cases, 129; deaths, 118.
Ceylon:				
Colombo.....	May 10-June 30.....	11	10	
Do.....	June 28-Oct. 3.....	22	19	
Do.....	Sept. 18.....	-----	-----	Plague in rats.
China:				
Foochow.....	May 24-31.....	-----	-----	Reported present in epidemic form.
Do.....	Aug. 23-29.....	-----	-----	Present.
Nanking.....	July 25-Oct. 10.....	-----	-----	Do.
North Manchuria.....	May 27.....	2	1	
Ecuador:				
Guayaquil.....	June 1-15.....	1	1	
Do.....	Sept. 1-Oct. 15.....	10	8	May 16-June 30, 1925: Rats examined, 30,347; found infected, 95. July 1-Oct. 15, 1925: Rats taken, 65,682; rats found infected, 272.
Egypt				
City—				Jan. 1-Oct. 14, 1925: Cases, 126. Corresponding period year 1914: Cases, 357.
Alexandria.....	June 17-24.....	2	2	Bubonic.
Do.....	Sept. 10-16.....	1	-----	
Port Said.....	June 17-18.....	1	1	
Do.....	June 28-Sept. 3.....	11	3	
Do.....	Oct. 1-7.....	2	-----	
Suez.....	June 14-27.....	3	2	
Do.....	Aug. 19.....	1	1	Septicemic.

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

Reports Received from June 27 to November 20, 1925—Continued

PLAGUE—Continued

Place	Date	Cases	Deaths	Remarks
Egypt—Continued.				
Province—				
Assiut	June 5	1	1	
Beni-Souef	June 10-16	8	4	
Do	Aug. 6-12	5	2	
Charkieh	June 6-8	1	1	
Kena	June 17	1	1	
Minia	June 6-17	3	2	
France:				
Marseille	Aug. 13-18	3		
Gold Coast	March-April	3	3	
Greece:				
Athens	July 1-Oct. 10	64	18	
Piræus	July 18-Aug. 14	9		
Pyrgos	Sept. 1	1		
Saloniki	Sept. 22-Oct. 12	2	1	
Hawaii Territory:				
Honokaa	June 28			Plague-infected rat.
Do	Aug. 7	1		
Do	Aug. 15			Plague-infected rat, near Paauilo
Kukuihaele	July 31			Plague-infected rat.
Paauhau	Aug. 12			Do.
India				
Bombay	Apr. 26-June 27	65	59	Apr. 26-June 27, 1925: Cases, 10,166; deaths, 8,913. June 28-
Do	June 28-Sept. 12	23	17	Sept. 12, 1925: Cases, 7,444; deaths, 5,025.
Calcutta	May 30-June 6	1	1	
Do	July 5-11	1	1	
Karachi	May 18-June 6	4	3	
Do	July 31-Aug. 6	1	1	
Do	Sept. 6-Oct. 10	23	12	
Madras	May 10-June 27	15	8	
Do	June 28-Sept. 19	185	78	
Rangoon	May 3-June 27	113	95	Feb. 8-14, 1925: Cases, 13; deaths, 13. (Received out of date.)
Do	June 28-July 4	20	18	
Do	July 12-Sept. 19	212	175	
Indo-China:				
Cochin-China—				
Saigon	Apr. 20-June 21	3	3	Including 100 square kilometers of surrounding country.
Do	Aug. 31-Sept. 20	4	3	Do.
Irak:				
Bagdad	May 24-June 6	9		
Do	June 21-27	5	1	
Italy:				
Naples Province—				
Secondigliano	Sept. 3-5	2		From the Bulletin Quarantenaire, Egypt, Sept. 17, 1925.
Japan:				
Taiwan—				
Taihoku	Oct. 2-6	1	1	
Java:				
Batavia	May 6-June 19	32	31	In Province.
Do	July 5-31	65	65	Do.
Do	Aug. 8-14	28	26	Do.
Do	Aug. 22-Sept. 11	100	101	Do.
Besoeke Residency	Aug. 4-12			Epidemic in capital and in five native villages.
Cheribon	Apr. 1-June 27		102	
Do	June 28-Aug. 22		66	
Paseroean Residency	Mar. 7-May 25			Epidemic in several localities.
Do	July 13			Do.
Pekalongan	Apr. 9-June 27		96	
Do	June 28-July 25		9	
Do	Aug. 1-22		30	
Soerabaya	May 7-27	3	3	
Do	June 28-Aug. 29	22	7	
Do	Sept. 6-12	9	9	
Soerakarta Residency	May 28			Epidemic at Kalidgambe.
Do	Aug. 5-12			Epidemic at Klaten.
Tegal	Apr. 2-May 16		36	
Do	May 24-June 13		16	
Do	Aug. 1-22		11	

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

Reports Received from June 27 to November 20, 1925—Continued

PLAGUE—Continued

Place	Date	Cases	Deaths	Remarks
Madagascar:				
Province—				
Itasy.....	Apr. 1-15.....	1	1	
Do.....	July 1-15.....	4	4	Bubonic, 3; septicemic, 1.
Tananarive.....	Apr. 1-June 30.....	232	200	
Do.....	July-August.....	70	66	Bubonic, 25; pneumonic, 28; septicemic, 17.
Town—				
Tamatave (port).....	Apr. 1-15.....	2		
Do.....	June 1-7.....		1	
Tananarive Town.....	Apr. 16-May 31.....	5	5	
Do.....	Aug. 1-31.....	5	5	
Mauritius.....				April, 1925: 1 case. August, 1925: 1 case. Sept. 18, 1925: Plague-infected rats found.
Nigeria.....	December, 1924.....	17	13	
Do.....	January, 1925.....	10	6	
Do.....	March-June.....	25	20	
Peru.....				July-August, 1925: Cases, 40; deaths, 18.
Barranca.....	July-August.....	8	6	
Callao.....	do.....	3	2	
Canete.....	do.....	5	1	
Huacho.....	July.....	3	1	
Lima (city).....	July-August.....	15	7	
Lima (country).....	do.....	6	1	
Russia:				
Kalmyk District.....	May 19-31.....	10	8	
North Caucasus.....	June 6-7.....	2	2	
Urts.....	May 25-June 3.....	2	2	In laboratory worker and contact. Province of Bukeyevsk.
Siam:				
Bangkok.....	Apr. 26-June 20.....	13	11	
Do.....	June 28-Sept. 26.....	6	5	
Do.....				Sept. 18, 1925: Plague-infected rats found.
Straits Settlements:				
Singapore.....	May 3-30.....	9	9	
Do.....	June 28-Aug. 1.....	3	3	
Syria:				
Beirut.....	Sept. 4-10.....	2		
Tunis:				
Tunis.....	Aug. 12-18.....			Plague rodent.
Turkey:				
Constantinople.....	May 25-31.....	1		
Union of South Africa:				
Cape Province—				
Kimberley.....	June 14-20.....	1	1	In a Malay camp.
Do.....	July 5-11.....			One plague-infected house mouse.
Orange Free State—				
Boshof District.....	June 28-Aug. 15.....	5	2	Natives.
On vessel:				
Steamship Eustratios Cavoudis.....	July 7-11.....	4	1	At Alexandria, Egypt. Vessel arrived July 7, 1925. Regular route, ports in Syria, Greece, and Port Said. Dead rats reported found on board.
Steamship Arcadia.....	July 24-27.....	2		At Piræus, Greece, from Alexandria, Egypt.
Steamship Anatolia.....	Aug. 8.....	1		Do.
Steamship City of Norwich.....	Apr. 15.....	1		At Port Said, Egypt, Apr. 14, 1925, from Rangoon, Colombo, and Perim; destination, London. Case occurred in first officer of vessel.
Steamship Naxos.....	Sept. 12.....	1		At Rhodes, from Dodecanese Islands via Alexandria, Egypt. The vessel left Alexandria Sept. 9, 1925.

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

Reports Received from June 27 to November 20, 1925—Continued

SMALLPOX

Place	Date	Cases	Deaths	Remarks
Algeria:				
Algiers.....	May 1-June 30.....	43	2	
Do.....	July 1-Aug. 20.....	67	—	
Do.....	Sept. 1-30.....	6	—	
Constantine.....	do.....	47	—	
Bolivia:				
La Paz.....	Apr. 1-June 30.....	10	—	
Do.....	July 1-Aug. 31.....	8	—	
Brazil:				
Bahia.....	June 28-Sept. 5.....	8	6	
Do.....	Sept. 19-26.....	2	—	
Pernambuco.....	Apr. 26-May 30.....	40	21	
Do.....	June 7-27.....	5	3	
Do.....	July 5-18.....	1	1	
Porto Alegre.....	June 14-20.....	—	1	
Do.....	Aug. 9-15.....	—	1	
Rio de Janeiro.....	May 9-June 27.....	5	1	
Do.....	June 28-Aug. 15.....	122	36	
Do.....	Aug. 29-Oct. 17.....	222	122	
British East Africa:				
Kenya—				
Mombasa.....	Apr. 19-June 20.....	27	13	
Do.....	July 5-Sept. 28.....	73	19	
Nairobi.....	May 3-9.....	3	2	
Tanganyika Territory.....	Apr. 5-May 23.....	82	24	
Do.....	June 14-27.....	48	3	
Do.....	Aug. 9-15.....	1,181	427	
Do.....	Aug. 23-Sept. 12.....	32	4	
Uganda.....	Feb. 1-28.....	2	—	
Entebbe.....	June 1-30.....	1	—	
British South Africa:				
Northern Rhodesia.....	Apr. 28-May 4.....	3	—	Natives.
Do.....	Sept. 8-14.....	34	—	
Southern Rhodesia.....	June 11-July 1.....	2	—	
Do.....	Aug. 20-Sept. 16.....	4	—	Do.
Bulgaria:				
Sofia.....	Aug. 6-19.....	2	—	
Canada:				
Alberta—				
Calgary.....	Aug. 2-Sept. 26.....	2	—	
British Columbia—				
Vancouver.....	June 1-28.....	7	—	
Do.....	July 6-Oct. 25.....	18	1	
New Brunswick—				
Restigouche County.....	June 1-30.....	1	—	
Ontario.....				
Galt.....	June 14-20.....	2	—	May 31-Sept. 30, 1925: Cases, 52;
Kingston.....	do.....	1	—	deaths, 1.
Do.....	Aug. 23-29.....	1	—	
North Bay.....	June 28-July 18.....	3	—	
Toronto.....	Oct. 4-17.....	3	—	
Saskatchewan—				
Regina.....	May 24-30.....	3	—	
China:				
Amoy.....	May 17-June 30.....	—	7	
Do.....	July 12-Sept. 19.....	—	—	Present.
Antung.....	May 11-June 21.....	7	—	
Do.....	June 29-Aug. 9.....	3	—	
Do.....	Sept. 7-13.....	4	—	
Canton.....	May 10-June 13.....	—	—	Do.
Chungking.....	May 3-30.....	—	—	Widespread.
Foochow.....	May 9-Oct. 3.....	—	—	Present.
Hongkong.....	Apr. 19-June 13.....	15	12	
Do.....	July 19-25.....	1	—	
Manchuria—				
Dairen.....	Apr. 13-June 28.....	115	17	
Do.....	June 28-Sept. 27.....	8	5	
Harbin.....	May 13-June 2.....	2	—	
Do.....	Oct. 1-7.....	1	—	
Nanking.....	May 9-Oct. 10.....	—	—	Do.
Shanghai.....	May 3-June 6.....	5	2	
Do.....	July 6-Oct. 3.....	1	3	
Swatow.....	May 17-Oct. 3.....	—	—	Stated to be endemic.
Tientsin.....	May 9-June 6.....	3	—	
Do.....	July 12-18.....	1	—	

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued**Reports Received from June 27 to November 20, 1925—Continued****SMALLPOX—Continued**

Place	Date	Cases	Deaths	Remarks
Chosen Seoul	January-May	1,663	386	January-June, 1925: Cases, 341; deaths, 74.
Colombia: Buenaventura	Sept. 15-29	1		Apr. 1-June 30, 1925: Cases, 3; deaths, 1. Occurring in State of Slovakia.
Czechoslovakia				January-July, 1925: Cases, 341; deaths, 74.
Egypt Alexandria	May 21-27	1	1	
Cairo	Mar. 19-May 13	5		
Do.	June 18-24	17	5	
France Paris	May 21-31	1		February-June, 1925: Cases, 102. July, 1925: Cases, 49.
Germany: Baden (State)	July 12-25	2	1	
Stuttgart	July 5-Sept. 19	4	1	
Gibraltar				Year 1924: Cases, 6.
Gold Coast				January-June, 1925: Cases, 1,121; deaths, 99. July, 1925: Cases, 159; deaths, 36.
Great Britain: England and Wales				May 24-June 27, 1925: Cases, 441. June 28-Oct. 24, 1925: Cases, 832.
Birmingham	July 7-13	1		
Cardiff	June 14-20	1		
Do.	Aug. 2-8	14	8	
Newcastle-on-Tyne	May 31-June 27	4		
Do.	June 28-Oct. 24	19	1	
Sheffield	Oct. 4-24	24		
Greece Athens	May 1-31		2	January-June, 1925: Cases, 47; deaths, 8. July, 1925: Cases, 2.
Do.	June 24-30	27	3	
Do.	July 1-31	14	1	
Do.	Sept. 1-30	8		
Saloniki	Sept. 22-28		1	
Haiti: Port au Prince	Aug. 23-29	1		Reported at Jean Rabel Aug. 27.
Hungary: Budapest	July 5-18	13		
India Bombay	Apr. 26-June 27	156	115	Apr. 26-June 27, 1925: Cases, 37,107; deaths, 9,152. June 28-Sept. 12, 1925: Cases, 21,180; deaths, 5,063.
Do.	June 28-Sept. 19	35	23	
Calcutta	May 3-9	109	100	
Do.	May 17-23	75	61	
Do.	May 31-June 20	88	81	
Do.	July 5-Sept. 12	64	53	
Karachi	May 18-June 27	6	1	
Do.	June 28-July 4	1	1	
Do.	Aug. 30-Sept. 26	10	6	
Madras	May 18-June 27	152	66	
Do.	June 28-July 18	68	25	
Do.	Aug. 2-Oct. 10	144	54	
Rangoon	May 3-June 27	207	99	
Do.	June 28-July 4	2	1	
Do.	July 12-Sept. 19	29	14	
Indo-China: Cochin-China— Saigon	Apr. 20-May 21	13	9	Including 100 square kilometers of surrounding country.
Do.	Aug. 17-Sept. 20	16	4	Do.
Irak Bagdad	Apr. 26-June 20	4	1	Jan. 11-May 30, 1925: Cases, 136; deaths, 46.
Do.	Sept. 27-Oct. 3	1	1	
Italy Do.	Dec. 28-June 27	97		
Catania	June 28-Aug. 1	29		
Syracuse Province	Aug. 17-23	1		
Turin	do.	1		
Venice	Aug. 17-Sept. 13	7		
Jamaica	July 27-Aug. 2	3		
Kingston	Apr. 26-June 27	19		Apr. 26-June 27, 1925: Cases, 110. June 28-Sept. 26, 1925: Cases, 161 (reported as alastrim).
Do.	June 28-Sept. 26	59		Reported as alastrim. Do

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

Reports Received from June 27 to November 20, 1925—Continued

SMALLPOX—Continued.

Place	Date	Cases	Deaths	Remarks
Japan:				
Kobe.....	May 24-June 27.....	2	.....
Nagasaki.....	May 15-21.....	2	.....
Do.....	July 6-19.....	1	1	
Taiwan.....	June 1-30.....	11	.....
Do.....	July 1-31.....	1	.....
Tokyo.....	June 14-20.....	1	.....
Yokohama.....	May 25-June 12.....	3	.....
Java:				
Bantam Residency.....	June 14-27.....	2	.....
Do.....	Aug. 1-8.....	4	.....
Batavia.....	May 2-June 26.....	2	.....
Do.....	July 4-31.....	5	.....
Do.....	Aug. 8-Sept. 25.....	6	.....	Province.
Bezoek.....	Aug. 23-Sept. 5.....	14	2	
Brebes.....	Apr. 22-28.....	1	.....
Cheribon.....	Apr. 16-22.....	.....	1	
Do.....	July 12-Aug. 15.....	2	.....	Do.
Kediri Residency.....	July 14.....	.....	.....	Epidemic.
Paseroean.....	Aug. 30-Sept. 5.....	35	1	
Pekalongan.....	Apr. 2-8.....	1	.....
Rembang Residency.....	Apr. 23.....	.....	.....	Epidemic at Kawedanan.
Do.....	Aug. 8.....	.....	.....	Epidemic at Montong.
Soerabaya.....	Apr. 16-June 27.....	304	41	
Do.....	June 28-Aug. 8.....	373	43	
Do.....	Aug. 16-Sept. 12.....	376	56	
South Bantam.....	Apr. 16-22.....	1	.....
Tegal.....	Mar. 29-May 2.....	2	1	
Latvia.....				May-June, 1925: Cases, 4. July, 1925: Case, 1.
Lithuania.....				February-May, 1925: Cases, 6.
Malta.....	June 1-30.....	9	.....
Do.....	July 1-Aug. 31.....	9	1	
Do.....	Oct. 5-21.....	24	4	Valetta and vicinity. From contact at Lazaretto, 1 case.
Floriana.....	do.....	14	.....
Valetta.....	do.....	7	.....
Mexico:				January-June, 1925: Deaths, 2,667.
Durango.....	July-October.....	.....	31	
Guadalajara.....	June 2-29.....	.....	10	
Do.....	June 30-Sept. 21.....	.....	3	
Merida.....	Sept. 20-Oct. 16.....	2	.....
Mexico City.....	May 24-July 27.....	12	.....	Including municipalities in Federal district.
Do.....	July 5-11.....	3	.....	Do.
Do.....	July 26-Sept. 5.....	8	.....	Do.
Do.....	Sept. 27-Oct. 17.....	3	.....	Epidemic at El Hule and other localities.
Oaxaca, State.....	Aug. 14.....	.....	.....
San Luis Potosi.....	Aug. 16-Sept. 19.....	3	2	
Do.....	Oct. 11-24.....	.....	3	
Tampico.....	June 1-10.....	.....	1	
Do.....	July 1-31.....	4	2	
Torreón.....	Aug. 1-Sept. 30.....	2	4	
Morocco:				Present among natives.
Tangier.....	May 17-June 5.....	.....	.....	December, 1924: Cases, 40; deaths, 16.
Nigeria.....				January-June, 1925: Cases, 1,541; deaths, 169.
Do.....				
Persia:				
Teheran.....	Mar. 21-May 21.....	.....	29	
Peru:				
Arequipa.....	June 1-30.....	.....	1	
Do.....	Aug. 1-31.....	4	.....
Lima.....	do.....	5	.....
Poland.....				Mar. 1-June 27, 1925: Cases, 41. July 5-12, 1925: Cases, 2. Aug. 2-8, 1925: Case, 1.
Portugal:				
Lisbon.....	Apr. 26-June 27.....	36	6	
Do.....	June 28-Oct. 11.....	100	20	Sept. 7-20, 1925: Deaths, 6.
Oporto.....	June 14-20.....	1	.....
Do.....	July 19-Aug. 29.....	7	.....
Rumania.....				January-May, 1925: Cases, 22; death, 1.
Russia.....				December, 1924: Cases, 1,000. January-April, 1925: Cases, 5,733.
Ukraine.....	July 1-31.....	19	.....

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

Reports Received from June 27 to November 20, 1925—Continued

SMALLPOX—Continued

Place	Date	Cases	Deaths	Remarks
Siam:				
Bangkok.....	Apr. 26-June 27.....	27	19	
Do.....	June 28-July 11.....	2	1	
Spain:				
Malaga.....	May 24-June 20.....		15	
Do.....	July 5-Oct. 17.....		46	
Valencia.....	May 31-June 27.....	3	1	
Straits Settlements:				
Singapore.....	May 17-23.....	1		
Do.....	July 5-11.....	1	1	
Sumatra:				
Pedang.....	July 12-25.....	5		
Switzerland:				
Berne.....	June 7-13.....	1		
Lucerne.....	June 14-20.....	4		
Syria:				
Beirut.....	Apr. 21-30.....	1		
Tripoli.....				Jan. 3-Apr. 15, 1925: Cases, 14.
Tunis:				
Tunis.....	May 6-June 30.....		46	
Do.....	July 1-Oct. 6.....		91	
Turkey:				
Constantinople.....	May 16-22.....	2		
Union of South Africa:				
Cape Province.....	May 24-Sept. 12.....			July 1-31, 1925: Cases, 8.
Port Elizabeth.....	Apr. 18-25.....	8	1	Outbreaks.
Orange Free State.....	Aug. 9-Sept. 5.....			Outbreak in Ladybrand district.
Transvaal.....	May 3-June 6.....			Outbreaks.
Do.....	Aug. 30-Sept. 12.....			Do.
Johannesburg.....	Sept. 5-11.....	1		
Uruguay.....				December, 1924: Cases, 8.
Do.....				February-May, 1925: Cases, 11.
Montevideo.....	Aug. 1-31.....	1		

TYPHUS FEVER

Algeria:				
Algiers.....	May 11-20.....	6	2	In vicinity, 12 cases. Isolated.
Do.....	July 1-Aug. 20.....	18	8	
Constantine.....	July 1-10.....	17		District.
Do.....	July 21-31.....	7		Department.
Oran.....	do.....	8		Do.
Bolivia:				
La Paz.....	Apr. 1-June 30.....	5		
Do.....	Aug. 1-31.....	1		
Bulgaria:				
Sofia.....	May 28-June 3.....	2		November-December, 1924: 1 case. January-June, 1925: Cases, 124; deaths, 7. July, 1925: Cases, 27; deaths, 3.
Canary Islands:				
Santa Cruz de Tenerife.....	Sept. 14-20.....		1	
Chile:				
Iquique.....	Aug. 8-22.....		2	
Valparaiso.....	May 10-June 27.....		2	
Do.....	June 28-Oct. 3.....		13	
China:				
Manchuria—				
Harbin.....	May 19-June 2.....	2		
Do.....	Sept. 2-Oct. 14.....	3		
Chosen.....	January-May.....	394	69	
Czechoslovakia.....				April-June, 1925: 1 case, occurring in Province of Russia. July, 1925: Cases, 3.
Egypt:				
Alexandria.....	May 7-June 3.....	3	1	January-June, 1925: Cases, 1,011; deaths, 211. July 2-Aug. 4, 1925: Cases, 107; deaths, 19.
Do.....	July 9-Sept. 17.....	3		
Cairo.....	Mar. 26-May 13.....	6	4	
Do.....	July 16-29.....	3	1	
Port Said.....	May 14-20.....	1	1	
Do.....	July 30-Aug. 12.....	4	1	
Do.....	Aug. 20-26.....	3		
Estonia.....				Apr. 1-May 30, 1925: Cases, 6. Aug., 1925: Cases, 1.

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

Reports Received from June 27 to November 20, 1925—Continued

TYPHUS FEVER—Continued

Place	Date	Cases	Deaths	Remarks
Great Britain:				
Scotland—				
Glasgow.....	Sept. 6-Oct. 8.....	2	—	
Greenock.....	May.....	—	2	
Do.....	Aug. 6-18.....	7	—	
Greece.....				January-June, 1925: Cases, 57;
Athens.....	May 1-31.....	—	2	deaths, 6. July-August, 1925:
Do.....	Sept. 1-30.....	12	1	Cases, 17; deaths, 3.
Kalamata.....	Apr. 1-30.....	—	2	Including Piræus.
Patras.....	June 28-July 4.....	—	2	
Irak:				
Bagdad.....	July 12-18.....	1	—	
Ireland:				
Cork County.....	Aug. 25.....	3	—	
Latvia.....				April-June, 1925: Cases, 26.
Libau.....	July 14-20.....	1	—	July-August, 1925: Cases, 9.
Lithuania.....				March-May, 1925: Cases, 158;
				deaths, 7.
Mexico.....				January-June, 1925: Deaths, 124.
Mexico City.....	May 24-June 6.....	24	—	Including municipalities in Fed
Do.....	June 23-Aug. 1.....	39	—	eral district.
Do.....	Aug. 16-Oct. 17.....	82	—	Do.
San Luis Potosi.....	June 26-Oct. 31.....	—	2	Do.
Tampico.....	Aug. 20-31.....	1	—	
Morocco.....				January-June, 1925: Cases, 421
				July, 1925: Cases, 59.
Palestine:				
Dagania.....	July 21-27.....	1	—	
Ekron.....	do.....	1	—	
Haifa.....	Aug. 20-Sept. 28.....	2	—	
Jaffa district.....	June 28.....	2	—	
Do.....	Aug. 20-Sept. 14.....	3	—	
Jerusalem.....	July 29-Sept. 14.....	9	—	From Ramleh district.
Majdal.....	May 26-June 8.....	3	—	
Ramleh.....	May 19-25.....	1	—	
Safad.....	June 9-15.....	1	—	
Do.....	July 21-27.....	1	—	
Tel Aviv.....	do.....	1	—	
Persia:				
Teheran.....	Apr. 21-May 21.....	—	1	
Peru:				
Arequipa.....	Apr. 1-June 30.....	—	3	
Do.....	July 1-31.....	—	1	
Do.....	Sept. 1-30.....	—	1	
Poland.....				Mar. 1-Apr. 11, 1925: Cases,
				1,195; deaths, 74. Apr. 19-
				June 27, 1925: Cases, 1,001;
				deaths, 87. July 5-Aug. 15,
				1925: Cases, 173; deaths, 16.
				Aug. 23-Sept. 5, 1925: Cases, 34;
				1 death.
Portugal:				
Oporto.....	May 31-June 6.....	1	—	
Do.....	July 5-Sept. 26.....	2	—	
Rumania.....		1,360	152	
Constantza.....	January-May.....	—	—	
Do.....	May 1-June 30.....	2	—	
Do.....	Sept. 1-10.....	1	—	
Russia.....				December, 1924: Cases, 5062.
Ukraine.....	July 1-31.....	248	—	January-April, 1925: Cases,
				30,107.
Spain:				
Seville.....	Aug. 20-26.....	—	1	
Valencia.....	June 7-13.....	—	1	
Tripoli.....		3	—	
Do.....	June 1-30.....	—	—	
Tunis:				
Tunis.....	May 21-June 17.....	16	8	
Do.....	July 8-Sept. 8.....	12	5	
Turkey:				
Constantinople.....	May 11-31.....	7	2	

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued**Reports Received from June 27 to November 20, 1925—Continued****TYPHUS FEVER—Continued**

Place	Date	Cases	Deaths	Remarks
Union of South Africa.....				June, 1925: Cases, 61, deaths, 4.
Cape Province.....	May-June, 1925.....	64	6	July, 1925: Cases, 161; deaths, 34.
Do.....	July, 1925.....	31	4	Outbreaks.
Do.....	Aug. 23-Sept. 19.....	1		Native.
East London.....	Sept. 13-19.....	1		
Natal.....	May-June, 1925.....	16		
Do.....	July, 1925.....	15	5	
Durban.....	Feb. 1-June 27.....	17		
Do.....	June 28-Aug. 29.....	2		
Orange Free State.....	May-June, 1925.....	53	5	
Do.....	July, 1925.....	99	20	Outbreaks.
Do.....	Sept. 6-12.....			Do.
Hoopstad.....	July 5-11.....			
Transvaal.....	May-June, 1925.....	17	4	
Do.....	July, 1925.....	16	5	
Do.....	Aug. 9-15.....			Do.
Johannesburg.....	July 19-25.....	1		
Yugoslavia:				
Belgrade.....	June 8-14.....	1		
Zagreb.....	May 8-21.....	7	1	

YELLOW FEVER

Gold Coast.....	Apr. 1-30.....	1		
Ivory Coast:				
Lahou.....	June 1-10.....	1	1	
Liberia:				
Monrovia.....	Aug. 7.....	4		
Nigeria:				
Ibaden.....	Apr. 24-30.....	1		
Lagos.....	Apr. 29-May 5.....	4	1	