

PUBLIC HEALTH REPORTS

VOL. 38

FEBRUARY 16, 1923

No. 7

HEALTH SCORING OF SCHOOL CHILDREN.

A Practicable Plan of "Follow-Up" in School Health Work by the Child.¹

By TALIAFERRO CLARK, Surgeon, and EDITH B. LOWRY, Acting Assistant Surgeon, United States Public Health Service.

Medical examination of school children has been carried on in a more or less efficient manner in some parts of the country for approximately 30 years. While the need for the correction of physical defects has been established by the medical examination of school children, little has been accomplished as yet in the way of results. In fact, investigations have proved that although in many cases the physical examinations have been made in a satisfactory manner, the correction of defects was anything but satisfactory. Notes sent to the parents were lost by the wayside or ignored at home; the comparatively few public health nurses engaged in school health work could reach only an infinitesimal portion of the parents by home visits, which heretofore seemed to be the best method of obtaining results. "Lack of trained workers" was the cry everywhere. Efficient workers were unobtainable, even if funds were provided.

In an effort to discover some method of obtaining results without a prohibitive staff of home visitors, many schools were visited where physical examinations already had been carried on. Questioning the children revealed that the majority of them had forgotten the health advice given them, and the teachers were equally ignorant of the physical condition of their pupils. Everywhere the teachers expressed a desire for some form of record of the physical examinations that could be left in the schoolroom. The ordinary medical examination card was not of much value for this purpose, for the teachers already were overburdened with the multiplicity of duties and could not spend much time going over the cards time and again, even if the records on the cards meant anything to them. The teachers, as a rule, were as poorly informed on the subject of health as were their pupils. In many instances the teachers themselves were in as poor physical condition as any of the pupils, some even were found

¹ A revision of Reprint No. 735, "Let the Child do the "Follow-up" in School Health Work."

with active tuberculosis, and the teacher with perfect teeth was almost as rare as the efficient health worker. "Yes; I know I should go to a dentist," was a remark frequently called forth.

What were we to do about it and what was the solution? Somewhere memory brought forth the old saying, "When in Rome do as Romans do." This, translated according to present needs, meant, "When in the schools, follow the methods of the school people to which the children as well as the teachers are accustomed."

In all lines of education except health, educators have found it necessary to set a certain standard for the children toward which they can work. For instance, a third-grade child is required to learn a certain amount of arithmetic and be able to read certain books. He is not given the indefinite instruction to "Learn arithmetic," "Learn to read."

Following this line of thought, the question came up whether it were possible to set a definite standard of health for the children rather than to say to them, "Be healthy; be well," without giving them an adequate idea of what health meant.

In the course of child-hygiene investigations by the Public Health Service in Mississippi, it was suggested that a definite requirement be set for the health of school children for the current year. This suggestion was adopted by the State health department and the State department of education. Later it was adopted by the Kentucky division of child hygiene with satisfactory results.

The requirement outlined is as follows:

Eyes—

- (a) Vision normal or corrected by glasses.
- (b) No evidence of disease or inflammation.

Ears—

- (a) Hearing normal.
- (b) No evidence of disease or inflammation.

Nose—

- (a) No adenoids.
- (b) No other obstruction.

Throat—

- (a) No diseased or enlarged tonsils.
- (b) No evidence of disease or inflammation.

Mouth—

- (a) No unfilled cavities in teeth.
- (b) Teeth clean, showing evidence of daily care.
- (c) Gums healthy.

Skin—

- (a) No eruption.
- (b) Scalp clean, free from scales.
- (c) Scalp free from pediculosis.

Chest—

- (a) No evidence of disease or inflammation of lungs.
- (b) Chest expansion of at least 2 inches.

Vaccination—

- (a) Good scar or certificate of recent vaccination for smallpox.

Nutrition—

- (a) Weight normal or not more than 10 per cent underweight or 20 per cent overweight.
(b) Negative hookworm report.
(c) No enlarged spleen (malaria).

No claim is made that this is an ideal health standard, but it is claimed to be a standard that should and can be lived up to by every person, whether child or adult. The requirement purposely was set sufficiently low so that it would be possible for it to be reached by practically every child in school who made the effort.

HEALTH SCORE CHART.

In order to visualize health to the pupils and teachers, to give it a definite meaning, a Health Score was devised which tells at a glance the physical condition of the children in the room.

The charts were designed, first, to meet the request of teachers for a record to be left in the school, and, second, to impress upon the children the ideal of health. In other words, "It is a record in the language to which children are accustomed." Charts and stars are used in practically every school all over the country. By the use of these charts the child himself is stimulated to do "follow-up work" in the home. It is felt that in his desire to "follow the crowd" and have a gold star placed before his name, his importunities will be more successful in securing the attention of the parents than any other method.

What the Health Score means in the schoolroom is this: The principal of the school is visiting this room and hears a little child read very badly. Looking at the Health Record he probably finds that the child has no star in the column headed "Eyes." The thought comes immediately, "Why, that child has something the matter with his eyes." At once health is a vital subject to him.

On the Health Score a red star indicates that the child was, on the original examination, up to the standard in the subject indicated at the head of the column. For instance, a red star in the column marked "Eyes" indicates that at the time of the first examination the child's vision was normal or corrected by glasses; also that there was no evidence of disease or inflammation.

Blue stars indicate corrections. For example, if the child had poor vision and later had this condition corrected by glasses, and there was no evidence of disease or inflammation, he would be entitled to a blue star under "Eyes." The two colors simply show graphically whether any corrections are being obtained.

Gold stars are placed before the names of children who have met all health requirements; that is, when every space following the child's name is filled with either a red or a blue star.

An especially designed health button may be presented to every child who has obtained a gold star. This should be presented with as much ceremony as a diploma, for we consider that any child who has given the necessary attention to his health to become a gold star pupil is entitled to some recognition.

INSTRUCTIONS FOR USING THE HEALTH SCORE CHART.

Names.—The names of the children should be filled in plainly with black ink in the same order as they appear on the classroom weight chart. The two charts are companions and should be hung together in the schoolroom in such position that they can be seen readily by the pupils.

Red star.—Red stars are stamped in the various columns when the child is free from defects or is up to the standard on the subject indicated at the head of the column at the time of the original medical examination. For example, a red star in the column marked "Eyes" indicates that at the first examination the child's vision was either normal or had been corrected by glasses, and also that there was no evidence of disease or inflammation of the eyes.

Blue star.—Blue stars indicate correction. For example, if at the time of the first medical examination the child had poor vision, which was later corrected by glasses, and there is no evidence of disease or inflammation, he would be entitled to a blue star under the heading "Eyes."

Gold star.—A gold star is placed in the column in front of the name of the child who has met all the health requirements; that is, when every space following the child's name is filled with either a red or blue star.

Two gold stars.—Two gold stars may be placed in the column in front of the name of the child when it is impossible for the child to obtain relief from certain physical defects, even though everything possible has been done. In such a case the child may have two gold stars after all other corrections have been made. For example, if a child's deafness is such that it is impossible to correct it, even though everything possible is done; or if a child suffering from chronic infantile paralysis has met all the other requirements of the Health Score card, then he is entitled to the two gold stars.

The child should not be given a health button in such case until after conference with the director of the State division of child hygiene.

Health button.—In order further to stimulate the interest of the child in completing the Health Score an award in addition to the gold star should be made in the form of a health button, after the physician in charge of the examination finds that he has completed the Health Score.

The health button should show the year in which it is given, so that if the score is changed another year, or if the child develops defects, there will be no question concerning his right to wear the button. The health button should be furnished by the State division of child hygiene.

The presentation of a health button should be an occasion of special ceremony, and the child's parents should be invited to attend.

How to make out the Health Score record.—The health record can be made in the office from the school examination cards. It will save time to make the entire chart before adding any stars, indicating by "O" the space for red stars and then pasting or stamping the stars over these letters.

Every space after a child's name should be marked in some manner, *as blank spaces will indicate that the examination has not been made.*

Indicate by "a," "b," or "c" the defects found, using the Health Score Chart as a guide. Example:

In the column headed "Eyes"—

If the examination has not been completed, leave this space blank.

If vision is normal and there is no evidence of disease or inflammation, put an "o" in this space.

If vision is normal but there is some inflammation, use a "b."

If vision is defective but there is no inflammation or disease, use an "a."

If vision is defective and there is also inflammation, use "a-b."

Again, under nutrition, a small "a" will indicate underweight, while a capital "A" will indicate those who are overweight for a given age. This will make it easy to distinguish the children who are underweight and those who are overweight.

By using this method it will be easy to make a summary of defects from the chart, as by adding all the "a" marks in the column under "Eyes" the total number with defective vision will be found.

INSTRUCTIONS FOR USING THE CLASSROOM WEIGHT CHARTS.

The following instructions are given for the use of the Weight Chart, intended for use in connection with the Health Score Chart.

Names of the children should be filled in by the teacher in alphabetical order, surname first. Use black ink.

Age (nearest birthday) should be filled in by the teacher. Use black ink.

Height should be recorded in inches. Height should be taken *without* shoes, as the heels of shoes vary in height. Use black ink.

Normal weight can be found by consulting height and weight tables. The normal weight column should be filled in with red ink.

Monthly weight may be filled in first with pencil, then inked according to the following directions:

(a) If a child is of normal weight or not more than 10 per cent above, use red ink.

This calls attention to the children who have reached the goal.

(b) If the child is below normal weight or more than 10 per cent above, use black ink.

Weight should be taken *without* shoes, coats, or sweaters.

Later weighing.—Arrangements should be made to have the children weighed every month, as this will show whether they are improving in nutrition. In some cases the nurse or permanent worker will have time to do this; in others the teachers will do the weighing; in other cases a committee of two mothers will volunteer for this help; sometimes this may be assigned to one of the older pupils. In all cases the weighing should be done as nearly as possible on the same day of the month.

Scales.—Every school building should have good balance or beam scales as a part of the permanent equipment. Do not buy spring scales, as they get out of order easily and are not reliable. It is economy to buy good scales. The money to buy scales may be obtained in several ways, among which are the following: (1) Appropriated from school funds; (2) purchased from funds of parent-teacher organization; (3) purchased from Christmas seal money; (4) purchased from Junior Red Cross funds; (5) purchased by proceeds from entertainment or "tea" given for this purpose.

STANDARDIZATION OF PHYSICAL CONDITIONS TO BE RECORDED ON
CHILD HYGIENE FORM NO. 12 FOR SCORING THE HEALTH OF SCHOOL
CHILDREN.

It is important, in recording defects and diseases encountered in the medical examination of school children, to consider whether they are significant or not. Inexperienced workers are prone to give as much emphasis to minor defects as to those of greater significance. In recording the results of the physical examination on the United States Public Health Service Score Chart only those defects should be noted that do and are likely to exercise harmful effect on the child's physical and mental progress. Furthermore, since this record is the basis of notification to parents, care must be exercised not to call attention to defects of minor importance because of the tendency of the family physician to belittle such defects and the effect thereof on the spirit of cooperation that should be manifested by parents. It must be borne in mind that it costs the anxious parent just as much and that it requires as much time and care for a busy specialist to refract a child needlessly for a minor error as it does to refract for one of a more serious nature.

In order to standardize notifiable defects, secure uniform practice, and avoid exciting the antagonism of the medical profession and the distrust and opposition of parents, an outline of notifiable physical conditions has been prepared as a guide to the proper notations that should be made on the Health Score form and of the classes which properly should be notified.

The standards of physical conditions enumerated below are to be regarded as the minimum physical imperfections for a notifiable defect, or for withholding a star on the Health Score Chart until the child is otherwise adequately treated. Defects of less significance than those indicated in the outline given below should not be entered on the Health Score Chart, nor should notification for such defects be made to the parents. However, every disease or defect, no matter how insignificant, should be recorded on the individual medical inspection form. If a defect exists which has received the maximum amount of proper treatment and would not be improved by further treatment, this fact should be noted on the medical inspection card, and a red star should be placed on the score chart as though the defect did not exist. Examples of such cases are poor vision corrected by glasses, infantile paralysis which has been properly treated, cardiac disorders under proper care, and physical defects or deformities not amenable to treatment.

The following outline should be adhered to as closely as possible, subject to modification to meet local conditions if necessary:

Eyes—

a. Visual defect:

1. All cases with 6/10 vision or less in both eyes or less than 6/10 vision in one eye only.
2. All cases of eye strain with noticeable symptoms of reasonable degree, irrespective of the ability to read the vision test.
3. Cases of astigmatism sufficient to interfere with school work or give rise to symptoms of eye strain.
4. Cases of strabismus, or squint, in one or both eyes.

b. Diseases of the eye or lids:

1. Any acute inflammation of consequence.
2. Active trachoma in any stage.
3. Follicular conjunctivitis of the more marked types.

c. Other diseases of the eyes or lids or their sequellæ, which are subject to improvement by treatment.

In testing vision the results should be recorded in tenths of the normal distance in the case of each eye separately, first without glasses, in case glasses are used, and then with glasses. The Lowell chart has been found useful because in most instances one may examine without using a pointer.

In the absence of test charts graduated in tenths, the ordinary practice of recording vision in twentieths may be followed—all cases with 20/40 vision or less in one or both eyes should be notified; also cases with greater vision if associated with symptoms of eyestrain.

In using the test charts, astigmatism may be suspected when a child is able to read some but not all of the letters in each line of the test.

Vision charts should be placed in such position as to receive illumination from one side, and never in a position that obliges the child to face a window or other source of light while reading the chart. Vision should not be tested on dark, cloudy days, unless facilities for properly shaded artificial illumination are available. When qualified, school physicians should make an ophthalmoscopic examination of all cases falling below the minimum standard for vision.

Ears—

a. All cases with 8/10 hearing or less in one or both ears when carefully tested under good conditions of sound.

b. Acute or chronic ear disease which can be improved by treatment.

c. Foreign bodies or impacted cerumen.

Hearing should be recorded in tenths of the normal distance at which the ticking of a watch may be heard, or in terms of tenths of the normal distance at which the spoken voice (conversational tone) may be heard (about 20 feet).

If the watch is used for this purpose, it should be of the loud-ticking variety, and first tested to determine the distance at which it can be heard by one with normal hearing. For example, if this distance is 30 inches it would be recorded 10/10. If a child could hear the watch at a distance of 15 inches only (15/30), this would be recorded as 5/10. Each ear should be tested separately, the observer standing behind the pupil. The ear not being tested should be covered with the hand, and the child should be instructed to keep the eyes closed during the test. Do not introduce a finger into the ear canal to prevent hearing. Care must be observed to test hearing under standard and uniform conditions for all children.

A star should not be withheld in cases of defective hearing, not amenable to treatment, which are unaccompanied by active symptoms or discharge.

Nose—

- a. Adenoids causing nasal obstruction.
- b. Adenoids causing defect in hearing.
- c. Adenoids causing frequent acute or chronic nasal colds or discharge.
- d. Nasal obstruction from other removable causes.

Throat—

- a. Enlarged tonsils causing mechanical obstruction (with or without evidence of active disease).
- b. Enlarged tonsils associated with evidence of disease and toxic absorption—frequent attacks of sore throat, tonsillitis, or colds.
- c. Cases without enlargement of the tonsils, with a history associated with evidence of toxic absorption, such as pallor, fatigue (poor posture), inability to concentrate on school work, and underweight not due to other obvious causes.

Acute inflammatory conditions of the throat are not considered in connection with the Health Score Chart. The health officer should be notified in all such cases, and cultures should be made for bacteriologic examinations.

Mouth—

- a. Dental caries of either the temporary or permanent teeth.
- b. Inflammation of gums, pyorrhea, or other disease of the gums.
- c. Irregular, stained, or incrustated (calculus) teeth, and noticeable malocclusion.
- d. Failure to use the toothbrush and evident dirty teeth.

In making notification to the parents of dental caries, and in recording and tabulating the results of examination, the temporary and permanent teeth should be considered separately.

Skin—

- a. Parasitic infection—pediculosis, scabies (itch), ringworm (body or scalp), favus.
- b. Other communicable diseases of the skin, such as impetigo contagiosa, etc.
- c. Other skin conditions, including marked pustular acne, eczema, ivy poisoning, etc.

Chest—

- a. Definite disease of the lungs which has not had proper treatment.
- b. Organic heart disease which has not had proper hygiene or treatment.
- c. Possible cardiacs, with abnormal physical signs in the heart without definite evidence that they originate from cardiac disease.
- d. Potential cardiacs in the presence of diseased tonsils, history of acute rheumatism, chorea, or syphilis, etc.

Stars should be withheld in such cases until appropriate treatment has been undertaken and improvement becomes manifest. School physicians will find the "Diagnostic Standards" of the National Tuberculosis Association helpful in the classification of pulmonary tuberculosis and in the diagnosis of thoracic tuberculosis.

Vaccination—

- a. Absence of good vaccination scar (no dependence may be placed on history).

For the purpose of emphasizing the value of vaccination in communities without legal vaccination requirements, a red star should be granted to those children who present evidence of satisfactory vaccination and should be withheld from the others. However, in such communities the absence of a red star for vaccination should not bar the child from receiving a gold star, provided he has attained all the other physical standards.

Nutrition—

- a. 10 Per cent or more underweight according to Wood's table.²
- b. 20 per cent or more overweight according to Wood's table.

Miscellaneous—

In addition to the items heading the various columns of the Health Score Chart, there are other more or less infrequent defects encountered in the examination of school children for which the parents should be notified. An individual notation may be made on the margin of the Score Chart. Examples of such cases are poor posture, orthopedic defects, discharging glands, and, where mental examinations are made, feeble-mindedness. A star should be withheld in the case of an orthopedic defect requiring a brace or other appliance until it has been provided.

Furthermore, there may be found local widespread conditions common to a considerable percentage of the children of a community, such as hookworm, malaria, and simple endemic goiter. In these cases one of the blank columns of the Score Chart should be properly headed and a red star granted only on the proved absence of such condition, or, in the case of simple goiter, on evidence that it has received proper treatment.

The Health Score and Classroom Weight Records are intended to be left in the schoolroom.

NOTE.—The Health Score Chart (Child Hygiene Form No. 12) may be purchased from the Superintendent of Documents, Government Printing Office, Washington, D. C., at 75 cents a hundred copies, postage paid by the purchaser. The Classroom Weight Chart is a publication of the United States Bureau of Education, and may also be purchased from the Superintendent of Documents, Government Printing Office, Washington, D. C., at 5 cents a single copy and 1 cent for each additional copy.

² Sec p. 296.

Weight record of the children in.....grade.....School. 192...-192...

[illegible]

Height and weight table for boys.																		Height and weight table for girls.																	
Height inches.	5 yrs.	6 yrs.	7 yrs.	8 yrs.	9 yrs.	10 yrs.	11 yrs.	12 yrs.	13 yrs.	14 yrs.	15 yrs.	16 yrs.	17 yrs.	18 yrs.	Height inches.	5 yrs.	6 yrs.	7 yrs.	8 yrs.	9 yrs.	10 yrs.	11 yrs.	12 yrs.	13 yrs.	14 yrs.	15 yrs.	16 yrs.	17 yrs.	18 yrs.						
39...	35	36	37												39...	34	35	36																	
40...	37	38	39												40...	36	37	38																	
41...	39	40	41	44											41...	38	39	40	43																
42...	41	42	43	44	45	46									42...	40	41	42	44																
43...	43	44	45	46	47	48									43...	42	43	44																	
44...	45	46	47	48	49										44...	44	45	46	48	49															
45...	47	47	48	48											45...	46	47	47	48																
46...	48	49	50	50	51	54									46...	48	49	50	51	52															
47...	51	52	53	53	55	56	57								47...	49	50	51	52	53	54	55	56												
48...	53	54	55	56	57	58	59	62							48...	51	52	53	54	55	56	57	58	61											
49...	55	56	57	58	59	60	61	65							49...	53	54	55	56	57	58	59	60	61	62										
50...	57	58	59	60	61	62	63	64	65	67					50...	55	56	57	58	59	60	61	62	63	64	65									
51...	59	60	61	62	63	64	65	67	68						51...	57	58	59	60	61	62	63	64	65	66										
52...	61	62	63	64	65	66	67	68	71						52...	59	60	61	62	63	64	65	66	67	68	69	70								
53...	63	64	65	66	67	68	69	70	71	72					53...	61	62	63	64	65	66	67	68	69	70	71	72	73							
54...	65	66	67	68	69	70	71	72	73	74					54...	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77					
55...	67	68	69	70	71	72	73	74	75	76					55...	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79					
56...	69	70	71	72	73	74	75	76	77	78					56...	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81					
57...	71	72	73	74	75	76	77	78	79	80	81				57...	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83					
58...	73	74	75	76	77	78	79	80	81	82	83	84			58...	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85					
59...	75	76	77	78	79	80	81	82	83	84	85	86			59...	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87					
60...	77	78	79	80	81	82	83	84	85	86	87	88			60...	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89					
61...	79	80	81	82	83	84	85	86	87	88	89	90	91		61...	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91					
62...	81	82	83	84	85	86	87	88	89	90	91	92	93	94	62...	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93					
63...	83	84	85	86	87	88	89	90	91	92	93	94	95	96	63...	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95					
64...	85	86	87	88	89	90	91	92	93	94	95	96	97	98	64...	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97					
65...	87	88	89	90	91	92	93	94	95	96	97	98	99	100	65...	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99					
66...	89	90	91	92	93	94	95	96	97	98	99	100	101	102	66...	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101					
67...	91	92	93	94	95	96	97	98	99	100	101	102	103	104	67...	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103					
68...	93	94	95	96	97	98	99	100	101	102	103	104	105	106	68...	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105					
69...	95	96	97	98	99	100	101	102	103	104	105	106	107	108	69...	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107					
70...	97	98	99	100	101	102	103	104	105	106	107	108	109	110	70...	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109					
71...	99	100	101	102	103	104	105	106	107	108	109	110	111	112	71...	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111					
72...	101	102	103	104	105	106	107	108	109	110	111	112	113	114	72...	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113					
73...	103	104	105	106	107	108	109	110	111	112	113	114	115	116	73...	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115					
74...	105	106	107	108	109	110	111	112	113	114	115	116	117	118	74...	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117					
75...	107	108	109	110	111	112	113	114	115	116	117	118	119	120	75...	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119					
76...	109	110	111	112	113	114	115	116	117	118	119	120	121	122	76...	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121					
77...	111	112	113	114	115	116	117	118	119	120	121	122	123	124	77...	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123					
78...	113	114	115	116	117	118	119	120	121	122	123	124	125	126	78...	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125					
79...	115	116	117	118	119	120	121	122	123	124	125	126	127	128	79...	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127					
80...	117	118	119	120	121	122	123	124	125	126	127	128	129	130	80...	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129					
81...	119	120	121	122	123	124	125	126	127	128	129	130	131	132	81...	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131					
82...	121	122	123	124	125	126	127	128	129	130	131	132	133	134	82...	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133					
83...	123	124	125	126	127	128	129	130	131	132	133	134	135	136	83...	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135					
84...	125	126	127	128	129	130	131	132	133	134	135	136	137	138	84...	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137					
85...	127	128	129	130	131	132	133	134	135	136	137	138	139	140	85...	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139					
86...	129	130	131	132	133	134	135	136	137	138	139	140	141	142	86...	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141					
87...	131	132	133	134	135	136	137	138	139	140	141	142	143	144	87...	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143					
88...	133	134	135	136	137	138	139	140	141	142	143	144	145	146	88...	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145					
89...	135	136	137	138	139	140	141	142	143	144	145																								

INFLUENZA IN THE UNITED STATES.

CASES REPORTED BY STATES FOR WEEK ENDED FEBRUARY 10, 1923—DEATHS FROM INFLUENZA AND PNEUMONIA (COMBINED) IN CITIES.

The following table shows the number of cases of influenza reported by State health officers, by telegraph, for the week ended February 10, 1923, compared with similar reports for the corresponding week of 1922, 1921, and 1920.

A table giving similar data for the first five weeks of the year 1923, compared with the corresponding weeks of 1922 and 1921, appears in the Public Health Reports, dated February 9, 1923, pages 251 and 252.

Cases of influenza reported weekly by telegraph by State health officers for the week ended February 10, 1923, and corresponding week of the years 1922, 1921, and 1920.

State and division.	Week ended—			
	Feb. 10, 1923.	Feb. 11, 1922.	Feb. 12, 1921.	Feb. 14, 1920.
New England division:				
Maine.....	256	145	2	3,942
Massachusetts.....	428	1,469	37	10,747
Vermont.....	0	2	1	796
Connecticut.....	317	518	9	4,868
Middle Atlantic division:				
New York (exclusive of New York City).....	1,299	771	44	13,259
New York City.....	2,439	7,070	84	8,091
New Jersey.....	365	1,288	20	5,807
East North Central division:				
Indiana.....	295	.....	.....	7,503
Illinois.....	1,061	417	35	23,037
Wisconsin.....	263	37	48	10,310
West North Central division:				
Minnesota.....	2	12	.....	7,555
Missouri.....	655	99	32	1,696
South Dakota.....	3	1	.....	4,976
Nebraska.....	72	6	2	6,048
Kansas.....	1,193	440	9	17,699
South Atlantic division:				
Delaware.....	27	2	7	78
Maryland.....	2,285	189	164	8,942
District of Columbia.....	24	9	1	298
West Virginia.....	103	62	.....	6,308
Georgia.....	108	81	26	5,411
Florida.....	87	35	6	1,735
East South Central division:				
Kentucky.....	.....	640	21	6,067
Alabama.....	879	95	5	3,236
Mississippi.....	2,258	.....	.....	4,014
West South Central division:				
Arkansas.....	1,674	232	70	6,599
Louisiana.....	593	39	.....	3,690
Texas.....	559	141	113	6,788
Mountain division:				
Colorado (exclusive of Denver).....	4	6	.....	.....
New Mexico.....	63	14	6	1,166
Pacific division:				
Oregon.....	30	168	.....	1,318
California.....	598	845	98	11,887

The following table shows the number of deaths from pneumonia (all forms) and influenza, combined, in large cities of the United States for which data are available, for the weeks ended January 27 and February 3, 1923, compared with similar figures for the corre-

sponding weeks of 1922. The figures were compiled from reports furnished by city health officers.

Deaths from pneumonia (all forms) and influenza combined.

City.	Week ended—				City.	Week ended—			
	Jan. 28, 1922.	Jan. 27, 1923.	Feb. 4, 1922.	Feb. 3, 1923.		Jan. 28, 1922.	Jan. 27, 1923.	Feb. 4, 1922.	Feb. 3, 1923.
Alabama:					Missouri:				
Birmingham.....	6	14	13	11	Kansas City.....	25	18	25	30
Mobile.....	1	7	2	9	St. Joseph.....	10	4	13	3
California:					St. Louis.....	1	1	1	1
Long Beach.....	2	2	1	.....	Nebraska:				
Los Angeles.....	21	23	26	22	Lincoln.....	1	1	1	4
Oakland.....	2	9	8	13	Omaha.....	12	7	16	16
Sacramento.....	2	1	3	2	New Jersey:				
San Diego.....	1	6	3	5	Atlantic City.....	1	3	.....	2
San Francisco.....	12	6	9	14	East Orange.....	.....	1	.....	1
Colorado:					Elizabeth.....	7	5	.....	7
Denver.....	17	20	18	18	Hoboken.....	5	6	7	6
Connecticut:					Newark.....	20	21	33	15
Bridgeport.....	3	5	4	6	Passaic.....	3	5	1	3
Hartford.....	2	4	.....	9	Trenton.....	11	12	22	10
New Britain.....	.....	.....	1	.....	New York:				
New Haven.....	4	13	13	6	Buffalo.....	19	36	21	44
Waterbury.....	4	.....	1	.....	New York.....	302	239	481	315
District of Columbia:					Niagara Falls.....	.....	6	.....	7
Washington.....	27	76	25	78	Rochester.....	14	10	6	15
Florida:					Schenectady.....	2	2	2	8
Tampa.....	10	4	3	1	Syracuse.....	6	10	7	21
Georgia:					Troy.....	.....	3	1	.....
Atlanta.....	7	21	20	23	Yonkers.....	7	2	9	6
Savannah.....	5	9	4	10	Ohio:				
Illinois:					Akron.....	.....	10	.....	12
Chicago.....	65	114	72	155	Canton.....	3	6	4	7
East St. Louis.....	4	2	.....	4	Cincinnati.....	19	43	21	46
Peoria.....	5	2	4	5	Cleveland.....	28	40	25	39
Rockford.....	.....	3	2	4	Columbus.....	10	23	8	38
Springfield.....	.....	.....	4	3	Springfield.....	2	4	3	6
Indiana:					Toledo.....	12	10	7	14
Fort Wayne.....	2	4	2	9	Youngstown.....	9	2	12	4
Gary.....	2	9	1	10	Oklahoma:				
Indianapolis.....	17	19	29	21	Oklahoma.....	11	3	14	4
South Bend.....	1	4	.....	4	Oregon:				
Terre Haute.....	2	5	4	5	Portland.....	6	6	5	6
Kansas:					Pennsylvania:				
Topeka.....	8	2	14	.....	Erie.....	4	3	2	7
Wichita.....	4	8	6	5	Philadelphia.....	86	165	85	197
Kentucky:					Pittsburgh.....	47	71	60	59
Covington.....	3	7	.....	7	Reading.....	.....	5	.....	5
Louisville.....	7	27	16	29	Wilkes-Barre.....	2	4	4	.....
Louisiana:					Rhode Island:				
New Orleans.....	13	24	19	33	Pawtucket.....	1	5	10	7
Maine:					Providence.....	17	10	11	27
Portland.....	4	1	5	5	South Carolina:				
Maryland:					Charleston.....	4	3	6	9
Baltimore.....	26	55	29	69	Tennessee:				
Massachusetts:					Memphis.....	12	26	10	28
Boston.....	28	71	33	77	Nashville.....	3	21	3	2
Brockton.....	4	2	.....	.....	Texas:				
Cambridge.....	4	12	7	16	Dallas.....	7	17	12	20
Fall River.....	6	4	5	8	El Paso.....	9	14	.....	20
Haverhill.....	1	1	3	2	Fort Worth.....	2	4	11	5
Holyoke.....	1	.....	5	2	Houston.....	3	5	3	3
Lawrence.....	1	2	3	2	San Antonio.....	.....	9	.....	7
Lowell.....	4	12	4	12	Utah:				
Lynn.....	2	14	.....	2	Salt Lake City.....	7	2	5	1
New Bedford.....	.....	13	1	21	Virginia:				
Somerville.....	1	5	2	2	Norfolk.....	5	11	.....	6
Springfield.....	1	5	1	4	Portsmouth.....	.....	3	.....	6
Worcester.....	7	7	16	14	Richmond.....	4	16	8	11
Michigan:					Roanoke.....	4	6	1	5
Detroit.....	33	68	34	85	West Virginia:				
Flint.....	7	.....	.....	13	Huntington.....	2	13	1	2
Grand Rapids.....	2	.....	4	1	Wheeling.....	5	9	5	8
Saginaw.....	2	.....	.....	.....	Wisconsin:				
Minnesota:					Milwaukee.....	.....	.....	.....	31
Duluth.....	2	1	3	2	Racine.....	2	4	3	1
Minneapolis.....	9	10	6	4					
St. Paul.....	3	18	8	17					

PUBLIC HEALTH ACTIVITIES IN YUGOSLAVIA.

The following statements regarding public health work in Yugoslavia are taken from the Bulletin Mensuel, issued by the Ministry of Public Health, Belgrade, October, 1922.

On November 21, 1921, three sanitary laws were approved, designed to unify old sanitary legislation. The subjects of these laws were as follows: (1) The epidemiological service of physicians; (2) the creation of special sanitary institutes for the study and control of contagious diseases; and (3) the creation of a permanent epidemiological commission.

In 1920 sections for health education were provided for the sanitary districts of Novi-Sad, Zagreb, Split, Sarajevo, and Lyoublyana. These sections were coordinated under the newly organized Ministry of Health by the creation of a section for demological study and for popular instruction in hygiene. Up to the date of the report, over 4,500 meetings had been held in different sections of the country, at which instruction was given in health matters by means of still and moving pictures, pamphlets, posters, and placards, using, it is stated, 120 films and distributing copies of 80 different health publications.

For the study of infectious diseases, 16 bacteriological stations have been established, each with a well-defined district and so situated that a prompt bacteriological examination may be had in any part of the country. A special institute has been established at Belgrade for the study of tropical diseases. There are 120 mobile equipments for disinfection at the disposition of the departmental sanitary authorities, each unit consisting of disinfectors and the necessary apparatus. Three automobile outfits have been provided to combat epidemics, two outfits consisting of four vehicles each—one for the laboratory, one for the bathing outfit, one for the disinfection outfit, and one for the transportation of patients. Two sanitary trains have been provided, each composed of six cars, which furnish living accommodations, laboratory, storage space, bath, and disinfection apparatus. Two sanitary trains handed down from the old régime are reserved for the narrow-gauge road of Bosnia. In 1920 a six-month course of instruction for disinfectors was established at Belgrade. A school for nurses, maintained at Belgrade by the Red Cross and the American Mission, is soon to be enlarged to accommodate 120 student nurses. A four-year course is provided, and at least four years of study in a secondary school is required for admission.

Malaria.—The study of malaria was begun in 1921, with special reference to conditions in Dalmatia and Macedonia. During 1922 the scope of the work was greatly enlarged. In Macedonia, where

the subject of malaria in relation to agriculture and water problems was studied, an effective field equipment was provided, which included movable laboratories and sanitary trains. An institute for the control of malaria has been established in Dalmatia, serving that Province and the Province of Herzegovina. In Montenegro there is a bacteriological station conducted by a medical epidemiologist, at which malaria studies are carried on and quinine is administered. At Zagreb a study of malaria in relation to fish culture is made.

Rabies.—The Pasteur Institute of Niche is about to establish a large epidemiologic institute for the entire Province of Serbia. At Novi-Sad there is a Pasteur Institute in connection with a State hospital. At Zagreb the Pasteur Institute has been enlarged to comprise the hospital of Velika Goritza, and land has been purchased for still further enlargement. It was stated that a pavilion for antirabic treatment would be opened at Sarajevo during the year 1922. The existing Pasteur institutes are to be converted into provincial epidemiological institutes in which antirabic treatment will form only a part of the work.

Trachoma.—A hospital, with ambulance, for the treatment of trachoma has been established at Prilep (formerly in Turkish territory). Ambulances (itinerant or field hospitals) for the treatment of trachoma have also been provided at Mitrovitza and Chabatz, and a specialist has been appointed in Matchva (Podrinje). A polyclinic for treatment of diseases of the eyes has been established at Belgrade. Two ambulances for the treatment of eye diseases have also been provided in Dalmatia.

Tuberculosis.—Thirty tuberculosis dispensaries have been established in Yugoslavia, the greatest number being in Voivodina. Also, four sanatoria, called "preventoriums," have been provided for children showing a tuberculous tendency. An open-air school has been established at Novi-Sad, where facilities for sun baths have been provided on the banks of the Danube.

Venereal diseases.—Ambulances for consultation and gratuitous treatment of venereal diseases are in operation at Belgrade and 27 other localities, and pavilions for venereal disease patients have been greatly enlarged in the hospitals of Belgrade, Novi-Sad, Sarajevo, and Split.

Examination for Entrance into the Regular Corps of the Public Health Service.

Examinations of candidates for entrance into the Regular Corps of the United States Public Health Service will be held at the following-named places on the dates specified:

Chicago, Ill., March 12, 1923.

San Francisco, Calif., March 12, 1923.

Washington, D. C., March 12, 1923.

Candidates must be not less than 23 nor more than 32 years of age, and they must have been graduated in medicine at some reputable medical college, and have had one year's hospital experience or two years' professional practice. They must pass satisfactory physical, academic, and professional examinations before boards of commissioned medical officers.

Successful candidates will be recommended for appointment by the President, with the advice and consent of the Senate.

Requests for information or permission to take this examination should be addressed the Surgeon General, United States Public Health Service, Washington, D. C.

DEATHS DURING WEEK ENDED FEBRUARY 3, 1923.

Summary of information received by telegraph from industrial insurance companies for week ended February 3, 1923, and corresponding week of 1922. (From the Weekly Health Index, February 7, 1923, issued by the Bureau of the Census, Department of Commerce.)

	Week ended Feb. 3, 1923.	Corresponding week, 1922.
Policies in force.....	50,405,033	48,750,583
Number of death claims.....	11,361	9,345
Death claims per 1,000 policies in force, annual rate.....	11.8	10.0

Deaths from all causes in certain large cities of the United States during the week ended February 3, 1923, infant mortality, annual death rate, and comparison with corresponding week of 1922. (From the Weekly Health Index, February 7, 1923, issued by the Bureau of the Census, Department of Commerce.)

City.	Estimated population July 1, 1923.	Week ended Feb. 3, 1923.		Annual death rate per 1,000, corre- sponding week 1922.	Deaths under 1 year.		Infant mortality rate, week ended Feb. 3, 1923. ²
		Total deaths.	Death rate. ¹		Week ended Feb. 3, 1923.	Corre- sponding week 1922.	
Total.....	29,111,776	9,073	16.3	15.3	1,125	1,081	.....
Akron, Ohio.....	* 208,435	48	12.0	8.8	10	6	119
Albany, N. Y.....	117,375	47	20.9	17.5	3	7	66
Atlanta, Ga.....	222,963	71	16.6	17.1	12	8	.....
Baltimore, Md.....	773,580	284	19.1	16.1	38	23	112
Birmingham, Ala.....	195,901	50	13.3	14.7	10	8	.....
Boston, Mass.....	770,400	313	21.2	15.6	40	38	115
Bridgeport, Conn.....	* 143,555	44	16.0	20.0	4	12	55
Buffalo, N. Y.....	536,718	190	18.5	12.7	16	18	67
Cambridge, Mass.....	111,444	44	20.6	15.5	8	4	143
Camden, N. J.....	124,157	65	27.3	15.0	12	10	199
Chicago, Ill.....	* 2,833,288	780	14.4	13.2	129	110	.....

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 1922. Cities left blank are not in the registration area for births.

* Enumerated population, Jan. 1, 1920.

* Estimated population July 1, 1922.

Deaths from all causes in certain large cities of the United States during the week ended February 3, 1923, infant mortality, annual death rate, and comparison with corresponding week of 1922. (From the Weekly Health Index, February 7, 1923, issued by the Bureau of the Census, Department of Commerce.)—Continued.

City.	Estimated population July 1, 1923.	Week ended Feb. 3, 1923.		Annual death rate per 1,000, corresponding week 1922.	Deaths under 1 year.		Infant mortality rate, week ended Feb. 3, 1923.
		Total deaths.	Death rate.		Week ended Feb. 3, 1923.	Corresponding week 1922.	
Cincinnati, Ohio.....	406,312	204	26.2	18.3	22	11	145
Cleveland, Ohio.....	877,992	195	14.6	11.8	27	31	74
Columbus, Ohio.....	261,082	120	24.0	13.6	10	10	104
Dallas, Tex.....	177,274	54	15.9	13.3	6	3	82
Dayton, Ohio.....	165,530	57	18.0	11.0	5	6	82
Denver, Colo.....	272,081	90	17.3	22.0	10	10	98
Detroit, Mich.....	993,678	318	16.7	11.3	49	41	46
Duluth, Minn.....	106,289	16	7.8		2		122
Erie, Pa.....	112,571	26	16.7	7.6	6	4	43
Fall River, Mass.....	120,912	39	16.8	21.2	3	11	99
Flint, Mich.....	117,966	43	19.0		5		63
Fort Worth, Tex.....	125,021	26	10.8	14.5	2	3	92
Grand Rapids, Mich.....	145,947	26	9.3	14.2	4	5	60
Houston, Tex.....	154,970	31	10.4	12.2	4	5	92
Indianapolis, Ind.....	340,882	132	20.2	18.1	12	12	94
Jacksonville, Fla.....	100,046	33	17.2	19.8	10	7	86
Jersey City, N. J.....	308,034	85	14.3	16.0	9	15	104
Kansas City, Kans.....	115,781	31	14.0	19.7	4	4	105
Kansas City, Mo.....	351,810	105	15.6	13.9	18	12	70
Los Angeles, Calif.....	666,853	212	16.6	16.2	25	18	65
Louisville, Ky.....	257,671	95	18.4	16.2	8	11	193
Lowell, Mass.....	115,080	41	18.6	10.5	6	5	91
Lynn, Mass.....	102,683	33	16.8		4		
Memphis, Tenn.....	170,067	73	22.4	22.4	9	12	
Milwaukee, Wis.....	484,595	124	13.3	12.3	14	18	
Minneapolis, Minn.....	469,125	72	9.2	12.6	12	4	
Nashville, Tenn.....	121,128	46	19.8	19.9	7	10	
New Bedford, Mass.....	130,072	49	19.6	11.0	13	8	
New Haven, Conn.....	172,967	38	11.5	16.6	7	4	
New Orleans, La.....	404,575	163	21.0	18.1	12	17	
New York, N. Y.....	5,927,625	1,627	14.3	16.4	181	242	
Bronx Borough.....	840,544	187	11.6	14.8	20	28	
Brooklyn Borough.....	2,156,687	575	13.9	16.2	55	91	
Manhattan Borough.....	2,267,001	696	16.0	18.0	86	106	
Queens Borough.....	555,844	123	12.0	12.1	16	12	
Richmond Borough.....	127,540	46	18.8	18.9	5	5	
Newark, N. J.....	458,099	129	15.3	16.7	19	24	
Norfolk, Va.....	159,089	32	10.5	10.0	6	6	
Oakland, Calif.....	240,086	54	11.7	15.0	4	4	
Omaha, Nebr.....	204,382	50	12.8	16.1	5	5	
Paterson, N. J.....	139,579	54	20.2	16.9	5	4	
Philadelphia, Pa.....	1,922,788	712	19.3	13.7	77	50	
Pittsburgh, Pa.....	607,902	253	21.7	20.4	39	27	
Portland, Oreg.....	273,621	72	13.7	12.2	9	9	
Providence, R. I.....	242,878	104	22.4	15.8	19	14	
Richmond, Va.....	181,044	83	23.9	23.1	13	7	
Rochester, N. Y.....	317,867	91	14.9	12.7	10	11	
St. Louis, Mo.....	808,853	250	16.2	15.0	19	16	
St. Paul, Minn.....	241,891	80	17.2	10.0	5	8	
Salt Lake City, Utah.....	126,241	23	9.5	14.3	3	3	
San Antonio, Tex.....	184,727	64	18.1		11		
San Francisco, Calif.....	539,038	167	16.2	16.7	16	14	
Seattle, Wash.....	315,312	54	8.9	14.1	3	8	
Spokane, Wash.....	104,573	19	9.5	20.0	2	4	
Springfield, Mass.....	144,227	36	13.0	13.8	4	4	
Syracuse, N. Y.....	184,511	54	15.3	17.0	8	11	
Tacoma, Wash.....	101,731	20	10.3		1		
Toledo, Ohio.....	268,338	78	15.2	13.0	11	9	
Trenton, N. J.....	127,390	56	22.9	23.3	10	12	
Washington, D. C.....	437,571	212	25.3	26.1	19	17	
Wilmington, Del.....	117,728	44	19.5	10.4	2	5	
Worcester, Mass.....	191,927	68	18.5	17.4	7	12	
Yonkers, N. Y.....	107,520	25	12.1	15.3	2	7	
Youngstown, Ohio.....	132,368	38	15.0	17.7	8	7	

* Enumerated population, Jan. 1, 1920.

* Estimated population July 1, 1922.

PREVALENCE OF DISEASE.

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

UNITED STATES.

CURRENT STATE SUMMARIES.

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 February 10, 1923.

ALABAMA.		Cases.	CALIFORNIA—continued.	
Chicken pox.....	18		Lethargic encephalitis:	Cases.
Dengue.....	9		Los Angeles.....	1
Diphtheria.....	18		Oakland.....	1
Influenza.....	879		Measles.....	220
Malaria.....	16		Scarlet fever.....	157
Measles.....	53		Smallpox.....	21
Mumps.....	16		Typhoid fever.....	9
Pellagra.....	5			
Pneumonia.....	156			
Polioomyelitis.....	1			
Scarlet fever.....	7			
Smallpox.....	17			
Trachoma.....	2			
Tuberculosis.....	36			
Typhoid fever.....	9			
Whooping cough.....	52			
ARKANSAS.			COLORADO.	
Chicken pox.....	33		(Exclusive of Denver.)	
Diphtheria.....	3		Chicken pox.....	47
Influenza.....	1,674		Diphtheria.....	80
Malaria.....	13		Influenza.....	4
Measles.....	50		Measles.....	3
Mumps.....	1		Mumps.....	29
Pellagra.....	3		Pneumonia.....	16
Pneumonia.....	35		Scarlet fever.....	92
Scarlet fever.....	1		Smallpox.....	3
Smallpox.....	4		Tuberculosis.....	19
Trachoma.....	10		Typhoid fever.....	4
Tuberculosis.....	5		Whooping cough.....	49
Typhoid fever.....	5			
Whooping cough.....	11			
CALIFORNIA.			CONNECTICUT.	
Cerebrospinal meningitis:			Cerebrospinal meningitis.....	6
San Francisco.....	1		Chicken pox.....	51
Diphtheria.....	143		Diphtheria.....	44
Influenza.....	598		Dysentery (amebic).....	2
Jaundice—San Bernardino County.....	4		German measles.....	1
Leprosy—San Francisco.....	1		Influenza.....	317
			Lethargic encephalitis.....	7
			Measles.....	482
			Mumps.....	35
			Paratyphoid fever.....	1
			Pneumonia (lobar).....	68
			Polioomyelitis.....	1
			Scarlet fever.....	111
			Tetanus.....	1
			Typhoid fever.....	1
			Tuberculosis.....	28
			Whooping cough.....	75

DELAWARE.		KANSAS—continued.	
	Cases.		Cases.
Chicken pox.....	5	Lethargic encephalitis.....	2
Diphtheria.....	1	Measles.....	81
Influenza.....	27	Mumps.....	66
Measles.....	54	Pneumonia.....	148
Mumps.....	1	Poliomyelitis.....	1
Pneumonia.....	6	Scarlet fever.....	89
Scarlet fever.....	4	Smallpox.....	13
Tuberculosis.....	3	Tuberculosis.....	65
		Whooping cough.....	55
DISTRICT OF COLUMBIA.		LOUISIANA.	
Chicken pox.....	46	Dengue.....	15
Diphtheria.....	16	Diphtheria.....	27
Influenza.....	24	Influenza.....	593
Measles.....	80	Scarlet fever.....	7
Scarlet fever.....	21	Smallpox.....	29
Tuberculosis.....	26	Typhoid fever.....	12
Typhoid fever.....	1	Whooping cough.....	22
Whooping cough.....	46		
FLORIDA.		MAINE.	
Diphtheria.....	11	Chicken pox.....	16
Influenza.....	87	Diphtheria.....	2
Malaria.....	7	German measles.....	2
Ophthalmia neonatorum.....	1	Influenza.....	256
Pneumonia.....	6	Lethargic encephalitis.....	1
Smallpox.....	14	Measles.....	24
Trachoma.....	1	Pneumonia.....	38
Typhoid fever.....	4	Poliomyelitis.....	1
		Scarlet fever.....	14
GEORGIA.		Tuberculosis.....	12
Chicken pox.....	21	Typhoid fever.....	13
Diphtheria.....	76	Whooping cough.....	82
Dysentery (bacillary).....	1		
German measles.....	1	MARYLAND. ¹	
Hookworm disease.....	10	Chicken pox.....	108
Influenza.....	108	Diphtheria.....	60
Malaria.....	8	Dysentery.....	1
Measles.....	175	German measles.....	12
Pellagra.....	1	Influenza.....	2,285
Pneumonia.....	36	Lethargic encephalitis.....	1
Scarlet fever.....	6	Measles.....	269
Septic sore throat.....	3	Mumps.....	62
Smallpox.....	3	Ophthalmia neonatorum.....	1
Trachoma.....	2	Pneumonia (all forms).....	348
Tuberculosis (all forms).....	15	Poliomyelitis.....	1
Whooping cough.....	16	Scarlet fever.....	77
		Tuberculosis.....	30
INDIANA.		Typhoid fever.....	4
Cerebrospinal meningitis:		Typhus fever.....	2
Henry County.....	2	Vincent's angina.....	2
Laporte County.....	1	Whooping cough.....	136
Diphtheria.....	92		
Influenza.....	295	MASSACHUSETTS.	
Pneumonia.....	54	Cerebrospinal meningitis.....	4
Rabies in animals—Marion County.....	1	Chicken pox.....	153
Scarlet fever.....	89	Diphtheria.....	177
Smallpox.....	30	German measles.....	10
Typhoid fever.....	9	Influenza.....	428
		Lethargic encephalitis.....	4
IOWA.		Measles.....	1,106
Diphtheria.....	34	Mumps.....	147
Scarlet fever.....	121	Ophthalmia neonatorum.....	38
Smallpox.....	11	Pneumonia (lobar).....	240
		Poliomyelitis.....	1
KANSAS.		Scarlet fever.....	327
Chicken pox.....	73	Septic sore throat.....	1
Diphtheria.....	42		
Influenza.....	1,193		

¹ Week ended Friday.

MASSACHUSETTS—continued.

	Cases.
Tetanus.....	1
Trachoma.....	1
Tuberculosis (all forms).....	142
Typhoid fever.....	8
Whooping cough.....	369

MICHIGAN.

Diphtheria.....	133
Measles.....	121
Pneumonia.....	327
Scarlet fever.....	357
Smallpox.....	25
Tuberculosis.....	30
Typhoid fever.....	16
Whooping cough.....	202

MINNESOTA.

Chicken pox.....	15
Diphtheria.....	51
Influenza.....	2
Lethargic encephalitis.....	3
Measles.....	205
Pneumonia.....	7
Scarlet fever.....	218
Smallpox.....	52
Tuberculosis.....	35
Typhoid fever.....	3
Whooping cough.....	19

MISSISSIPPI.

Diphtheria.....	15
Influenza.....	2, 258
Scarlet fever.....	6
Smallpox.....	2
Typhoid fever.....	5

MISSOURI.

Chicken pox.....	19
Diphtheria.....	31
Epidemic sore throat.....	30
Influenza.....	655
Measles.....	52
Mumps.....	5
Pneumonia.....	39
Scarlet fever.....	68
Smallpox.....	10
Tuberculosis.....	7
Typhoid fever.....	1

MONTANA.

Diphtheria.....	14
Scarlet fever.....	16
Smallpox.....	10

NEBRASKA.

Chicken pox.....	27
Diphtheria.....	20
Influenza.....	72
Measles.....	14
Mumps.....	11
Pneumonia.....	1
Scarlet fever.....	82
Septic sore throat.....	1
Smallpox.....	5
Tuberculosis.....	10
Typhoid fever.....	1
Whooping cough.....	6

NEW JERSEY.

	Cases.
Anthrax.....	1
Cerebrospinal meningitis.....	1
Chicken pox.....	186
Diphtheria.....	136
Influenza.....	365
Measles.....	1, 222
Pneumonia.....	285
Scarlet fever.....	219
Typhoid fever.....	9
Whooping cough.....	147

NEW MEXICO.

Chicken pox.....	34
Diphtheria.....	35
Influenza.....	63
Measles.....	1
Mumps.....	1
Pneumonia.....	14
Scarlet fever.....	20
Smallpox.....	2
Tuberculosis.....	17
Whooping cough.....	3

NEW YORK.

(Exclusive of New York City.)

Diphtheria.....	157
Influenza.....	1, 299
Lethargic encephalitis.....	3
Measles.....	778
Pneumonia.....	689
Poliomyelitis.....	1
Scarlet fever.....	360
Smallpox.....	18
Typhoid fever.....	20
Whooping cough.....	261

NORTH CAROLINA.

Cerebrospinal meningitis.....	1
Chicken pox.....	115
Diphtheria.....	41
German measles.....	6
Measles.....	1, 013
Ophthalmia neonatorum.....	1
Scarlet fever.....	36
Septic sore throat.....	11
Smallpox.....	134
Typhoid fever.....	8
Whooping cough.....	286

OREGON.

Chicken pox.....	8
Diphtheria:	
Portland.....	24
Scattering.....	17
Influenza.....	30
Lethargic encephalitis—Portland.....	8
Measles.....	15
Pneumonia.....	13
Poliomyelitis.....	1
Scarlet fever.....	14
Smallpox:	
Portland.....	12
Scattering.....	3
Tuberculosis.....	17
Typhoid fever.....	3
Whooping cough.....	30

1 Deaths.

SOUTH DAKOTA.

	Cases.
Chicken pox.....	32
Diphtheria.....	18
Influenza.....	3
Measles.....	12
Mumps.....	3
Pneumonia.....	27
Scarlet fever.....	57
Septic sore throat.....	2
Smallpox.....	7
Tetanus.....	1
Whooping cough.....	5

TEXAS.

Chicken pox.....	66
Dengue.....	42
Diphtheria.....	66
Dysentery.....	3
Influenza.....	559
Mumps.....	5
Pellagra.....	1
Pneumonia.....	88
Scarlet fever.....	38
Smallpox.....	40
Tuberculosis.....	119
Typhoid fever.....	12
Whooping cough.....	27

VERMONT.

Chicken pox.....	41
Diphtheria.....	7
Measles.....	15
Mumps.....	7
Pneumonia.....	15
Scarlet fever.....	18
Smallpox.....	3
Whooping cough.....	38

WASHINGTON.

Chicken pox.....	82
Diphtheria.....	29
Lethargic encephalitis:	
Thurston County.....	1
Walla Walla County.....	1
Measles.....	7
Mumps.....	34
Pneumonia.....	9
Scarlet fever:	
Seattle.....	25
Scattering.....	37
Smallpox:	
Spokane.....	12
Scattering.....	32
Tuberculosis.....	29
Typhoid fever.....	8
Whooping cough.....	45

WEST VIRGINIA.

	Cases.
Diphtheria:	
Fairmont.....	9
Scattering.....	19
Influenza:	
Grafton.....	26
Salem.....	20
Terra Alta.....	22
Scattering.....	35
Measles:	
Keyser.....	89
Wheeling.....	86
Scarlet fever.....	16
Typhoid fever.....	6

WISCONSIN.

Milwaukee:	
Chicken pox.....	10
Diphtheria.....	26
German measles.....	1
Influenza.....	25
Measles.....	298
Ophthalmia neonatorum.....	1
Pneumonia.....	45
Poliomyelitis.....	1
Scarlet fever.....	185
Tuberculosis.....	9
Whooping cough.....	13
Scattering:	
Cerebrospinal meningitis.....	1
Chicken pox.....	104
Diphtheria.....	46
Influenza.....	238
Lethargic encephalitis.....	1
Measles.....	842
Mumps.....	6
Pneumonia.....	32
Poliomyelitis.....	1
Scarlet fever.....	221
Smallpox.....	57
Trachoma.....	3
Tuberculosis.....	27
Typhoid fever.....	4
Whooping cough.....	102

WYOMING.

Chicken pox.....	20
Diphtheria.....	1
Influenza.....	2
Measles.....	3
Mumps.....	3
Pneumonia.....	1
Whooping cough.....	1

Kentucky Report for Week Ended January 27, 1923.

	Cases.		Cases.
Chicken pox.....	15	Logan County.....	21
Diphtheria:		McCracken County.....	39
Jefferson County.....	10	Nelson County.....	8
Scattering.....	12	Scattering.....	43
Influenza:		Mumps.....	2
Caldwell County.....	139	Pneumonia.....	129
Jefferson County.....	151	Scarlet fever:	
Monroe County.....	113	Greenup County.....	9
Scott County.....	105	Scattering.....	15
Scattering.....	976	Septic sore throat.....	1
Measles:		Trachoma.....	8
Crittenden County.....	21	Tuberculosis.....	15
Harlan County.....	11	Typhoid fever.....	4
Henderson County.....	15	Whooping cough.....	41
Livingston County.....	12		

SUMMARY OF CASES REPORTED MONTHLY BY STATES.

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

State.	Cerebrospinal meningitis.	Diphtheria.	Influenza.	Malaria.	Measles.	Pellagra.	Polioomyelitis.	Scarlet fever.	Smallpox.	Typhoid fever.
<i>December, 1922.</i>										
Delaware.....		9	76	3	167			82		4
<i>January, 1923.</i>										
Connecticut.....	8	299	284		2,061		1	459	4	7

CITY REPORTS FOR WEEK ENDED JANUARY 27, 1923.**CEREBROSPINAL MENINGITIS.**

The column headed "Median for previous years" gives the median number of cases reported during the corresponding week of the years 1915 to 1922, inclusive. In instances in which data for the full eight years are incomplete, the median is that for the number of years for which information is available.

City.	Median for previous years.	Week ended Jan. 27, 1923.		City.	Median for previous years.	Week ended Jan. 27, 1923.	
		Cases.	Deaths.			Cases.	Deaths.
California:				New Jersey:			
Los Angeles.....	0	2		Montclair.....	0	1	1
Connecticut:				Newark.....	0	2	
New Haven.....	0		1	Paterson.....	0	1	
Illinois:				New York:			
Chicago.....	2	1	1	Ithaca.....	0	1	
Galesburg.....	0	1	1	New York.....	4	6	2
Massachusetts:				Ohio:			
Malden.....	0		1	Cincinnati.....	0	1	2
Somerville.....	0		1	Columbus.....	0	1	
Michigan:				Pennsylvania:			
Muskegon.....	0	2		Philadelphia.....	1	3	
Missouri:				South Dakota:			
Springfield.....	0		2	Sioux Falls.....	0		1
Montana:				Texas:			
Missoula.....	0	1	1	Houston.....	0		1
New Hampshire:				Wisconsin:			
Nashua.....	0	1	1	Milwaukee.....	1	2	2

CITY REPORTS FOR WEEK ENDED JANUARY 27, 1923—Continued.

DENGUE.

City.	Cases.	Deaths.
Louisiana:		
New Orleans.....	4	1

DIPHTHERIA.

See p. 314; also Current State summaries, p. 303; and Monthly summaries by States, p. 307.

INFLUENZA.

City.	Cases.		Deaths, week ended Jan. 27, 1923.	City.	Cases.		Deaths, week ended Jan. 27, 1923.
	Week ended Jan. 28, 1922.	Week ended Jan. 27, 1923.			Week ended Jan. 28, 1922.	Week ended Jan. 27, 1923.	
Alabama:				Indiana:			
Birmingham.....		16	7	Logansport.....			1
Mobile.....		15	4	Terre Haute.....			1
Tuscaloosa.....		33		Kansas:			
Arkansas:				Hutchinson.....		1	
Little Rock.....	1	280		Kansas City.....	2		
North Little Rock.....		146		Lawrence.....	3		
California:				Salina.....	4	8	
Bakersfield.....		2		Topeka.....	38		
Berkeley.....	1			Kentucky:			
Long Beach.....		9		Covington.....		18	1
Los Angeles.....	6	19	2	Louisville.....	7	140	6
Oakland.....		2		Louisiana:			
Sacramento.....	8			New Orleans.....	2	10	8
San Diego.....	1	5		Maine:			
San Francisco.....	17	114		Auburn.....	3		
Santa Ana.....			1	Bath.....	4	4	1
Stockton.....		1		Lewiston.....	6		
Vallejo.....	1			Portland.....	1		
Colorado:				Waterville.....		13	
Denver.....			3	Maryland:			
Connecticut:				Baltimore.....	41	599	8
Bridgeport.....	1	10	2	Cumberland.....		15	
Bristol.....		1		Frederick.....		4	
Greenwich.....	4			Massachusetts:			
Hartford.....		12	1	Amesbury.....		2	
Meriden.....		1		Arlington.....	1		
Milford.....		3		Attleboro.....	1	2	
New Britain.....	4			Beverly.....		1	
New Haven.....	1	1		Boston.....	35	39	1
New London.....	1	6		Braintree.....		14	
Waterbury.....	3			Cambridge.....	8	11	
District of Columbia:				Fall River.....	2	1	1
Washington.....	7	100	18	Haverhill.....	4	3	
Florida:				Lowell.....	1	15	1
St. Petersburg.....		6		Melrose.....	1		
Tampa.....		28		Methuen.....	1		
Georgia:				New Bedford.....		1	
Atlanta.....	3	51	1	Newburyport.....		2	
Augusta.....	2			Newton.....	3		
Brunswick.....		12		Pittsfield.....		1	1
Macon.....		50		Saugus.....	5		
Rome.....	3	210		Springfield.....	4	1	
Savannah.....		6		Waltham.....		3	3
Illinois:				Winchester.....			1
Alton.....		1		Winthrop.....		2	1
Anaconda.....		1		Worcester.....	2	3	
Chicago.....	24	121	11	Michigan:			
Cicero.....		8		Detroit.....	7	20	6
Decatur.....		1	1	Flint.....		3	
East St. Louis.....		10		Grand Rapids.....	1		
Evanston.....		2		Highland Park.....	1	3	
Galesburg.....		1	1	Muskegon.....		2	1
La Salle.....	1			Marquette.....		32	
Mattoon.....			2	Pontiac.....		17	
Oak Park.....	2	3		Minnesota:			
Pekin.....	1			Minneapolis.....			1
				St. Paul.....			1

CITY REPORTS FOR WEEK ENDED JANUARY 27, 1923—Continued.

INFLUENZA—Continued.

City.	Cases.		Deaths, week ended Jan. 27, 1923.	City.	Cases.		Deaths, week ended Jan. 27, 1923.
	Week ended Jan. 28, 1922.	Week ended Jan. 27, 1923.			Week ended Jan. 28, 1922.	Week ended Jan. 27, 1923.	
Missouri:				Ohio—Continued.			
Kansas City.....	6	8	2	Cleveland.....	6	72	2
St. Louis.....	2	6	1	Cleveland Heights.....		1	
Springfield.....			3	Columbus.....		401	7
New Jersey:				East Cleveland.....		2	
Asbury Park.....		1		East Youngstown.....			1
Bayonne.....	2			Hamilton.....		6	
Belleville.....	3			Kenmore.....		1	
Englewood.....	1			Mansfield.....		1	
Garfield.....		5		Marion.....		12	
Hackensack.....	1			Newark.....	1		
Harrison.....	2	1		Norwood.....		1	1
Jersey City.....	2	1		Springfield.....		4	
Kearny.....	18	7		Toledo.....			2
Montclair.....	1			Youngstown.....	1		
Newark.....	44	61	2	Oregon:			
Orange.....	4	1		Portland.....	1	1	1
Passaic.....	3	4		Pennsylvania:			
Paterson.....	4	6		Philadelphia.....	7	45	33
Plainfield.....	3			Rhode Island:			
Trenton.....	37	3	2	Providence.....	4		
New York:				South Carolina:			
Albany.....	10	46		Charleston.....		103	1
Amsterdam.....		37		Columbia.....	3		
Buffalo.....	2	11	2	Greenville.....		1	1
Cohoes.....		2		Tennessee:			
Hornell.....		1		Memphis.....			6
Ithaca.....	3	4		Nashville.....		1	6
Jamestown.....	5	3		Texas:			
Lackawanna.....	3			Corsicana.....		125	
Lockport.....		20		Dallas.....	3	6	6
Middletown.....		3		San Antonio.....		2	
Mount Vernon.....	87			Waco.....		2	1
New York.....	1,230	444	28	Virginia:			
Peekskill.....		18		Alexandria.....	5		
Port Chester.....	2			Petersburg.....		8	1
Rochester.....		6		Richmond.....		19	4
Saratoga Springs.....	2	20		Roanoke.....	1		4
Schenectady.....	4	6		Washington:			
Syracuse.....	2	7	2	Seattle.....	28		
Troy.....		3		West Virginia:			
Yonkers.....	2			Bluefield.....			1
North Carolina:				Charleston.....	2	10	1
Wilmington.....		2	1	Farmont.....		10	
Ohio:				Huntington.....		25	5
Akron.....	5	1	1	Morgantown.....		12	
Ashtabula.....		2		Wisconsin:			
Barbarton.....		2		Milwaukee.....		30	
Cincinnati.....	4	36	16	Wassau.....	1		

LEPROSY.

City.	Cases.	Deaths.
California:		
San Francisco.....	1	

LETHARGIC ENCEPHALITIS.

City.	Cases.	Deaths.	City.	Cases.	Deaths.
California:			Oregon:		
San Francisco.....	6	1	Portland.....	7	1
Illinois:					
Evanston.....	1				

CITY REPORTS FOR WEEK ENDED JANUARY 27, 1923—Continued.

MALARIA.

City.	Cases.	Deaths.	City.	Cases.	Deaths.
Alabama:			Nevada:		
Mobile.....	2	.....	Reno.....	.....	1
Florida:			New Jersey:		
St. Petersburg.....	1	.....	Newark.....	1	.....
Tampa.....	1	.....	New York:		
Louisiana:			New York.....	1	.....
New Orleans.....	5	.....		

MEASLES.

See p. 314; also Current State summaries, p. 303; and Monthly summaries by States, p. 307.

PELLAGRA.

City.	Cases.	Deaths.	City.	Cases.	Deaths.
Alabama:			South Carolina:		
Mobile.....	1	1	Charleston.....	.....	1
Georgia:			Texas:		
Atlanta.....	.....	1	San Antonio.....	.....	3
Savannah.....	1	.....		
North Carolina:					
Raleigh.....	.....	1			

PNEUMONIA (ALL FORMS).

Alabama:			Georgia:		
Birmingham.....	14	7	Atlanta.....	28	20
Mobile.....	1	3	Rome.....	3	.....
Montgomery.....	3	3	Savannah.....	.....	9
Tuscaloosa.....	3	.....	Idaho:		
Arkansas:			Pocatello.....	.....	1
Hot Springs.....	1	.....	Illinois:		
Little Rock.....	17	.....	Alton.....	1	.....
North Little Rock.....	4	.....	Aurora.....	3	.....
California:			Champaign.....	1	.....
Alameda.....	.....	1	Chicago.....	335	103
Eureka.....	1	.....	Cicero.....	2	.....
Glendale.....	.....	1	Decatur.....	3	1
Long Beach.....	.....	2	East St. Louis.....	3	2
Los Angeles.....	55	21	Elgin.....	8	2
Oakland.....	17	9	Evanston.....	2	.....
Pasadena.....	3	.....	Galesburg.....	8	1
Riverside.....	.....	2	Jacksonville.....	3	.....
Sacramento.....	.....	1	Kewanee.....	.....	1
San Diego.....	.....	6	La Salle.....	.....	1
San Francisco.....	10	6	Mattson.....	3	2
Santa Ana.....	.....	3	Oak Park.....	5	.....
Santa Barbara.....	.....	1	Peoria.....	.....	2
Santa Cruz.....	.....	1	Quincy.....	.....	3
Stockton.....	.....	7	Rockford.....	1	6
Vallejo.....	1	.....	Indiana:		
Colorado:			Anderson.....	.....	2
Denver.....	.....	17	Bloomington.....	.....	1
Trinidad.....	1	.....	Crawfordsville.....	.....	1
Connecticut:			East Chicago.....	.....	3
Bridgeport.....	10	3	Fort Wayne.....	.....	4
Bristol.....	2	1	Gary.....	.....	9
Fairfield.....	.....	1	Hammond.....	.....	2
Hartford.....	7	3	Indianapolis.....	.....	19
Manchester.....	2	.....	Kokomo.....	.....	3
Meriden.....	1	.....	Logansport.....	.....	2
Milford.....	.....	4	Mishawaka.....	.....	2
New Haven.....	.....	13	Muncie.....	.....	2
New London.....	.....	3	South Bend.....	.....	4
District of Columbia:			Terre Haute.....	.....	4
Washington.....	.....	58	Iowa:		
Florida:			Burlington.....	10	.....
St. Petersburg.....	.....	7	Council Bluffs.....	.....	2
Tampa.....	.....	4			

CITY REPORTS FOR WEEK ENDED JANUARY 27, 1923—Continued.

PNEUMONIA (ALL FORMS)—Continued.

City.	Cases.	Deaths.	City.	Cases.	Deaths.
Kansas:			Missouri:		
Coffeyville.....	1	.....	Kansas City.....	35	16
Hutchinson.....	2	.....	St. Joseph.....	.....	4
Kansas City.....	12	.....	Springfield.....	.....	1
Parsons.....	1	.....	Montana:		
Topeka.....	.....	2	Amconda.....	.....	2
Wichita.....	.....	8	Billings.....	2	1
Kentucky:			Great Falls.....	.....	2
Covington.....	.....	6	Missoula.....	5	2
Henderson.....	1	.....	Nebraska:		
Lexington.....	5	3	Lincoln.....	2	1
Louisville.....	49	21	Omaha.....	.....	7
Louisiana:			New Hampshire:		
New Orleans.....	23	16	Berlin.....	.....	2
Maine:			Concord.....	.....	3
Bangor.....	1	.....	Dover.....	.....	1
Bath.....	2	.....	Keene.....	.....	.....
Biddford.....	.....	3	Nashua.....	.....	1
Lewiston.....	.....	2	New Jersey:		
Portland.....	.....	1	Asbury Park.....	1	.....
Sanford.....	1	.....	Atlantic City.....	1	3
Maryland:			Belleville.....	1	.....
Baltimore.....	120	47	Bloomfield.....	3	1
Cumberland.....	2	.....	Clifton.....	.....	3
Frederick.....	1	.....	East Orange.....	4	.....
Massachusetts:			Elizabeth.....	.....	5
Beverly.....	.....	4	Garfield.....	2	.....
Boston.....	.....	70	Hackensack.....	.....	1
Brockton.....	.....	2	Hoboken.....	.....	6
Brookline.....	1	.....	Jersey City.....	1	.....
Cambridge.....	.....	12	Kearny.....	.....	1
Chelsea.....	.....	3	Long Branch.....	.....	1
Everett.....	.....	1	Montclair.....	2	1
Fall River.....	.....	3	Morristown.....	.....	3
Fitchburg.....	4	6	Newark.....	67	19
Greenfield.....	.....	1	Orange.....	4	2
Haverhill.....	4	1	Passaic.....	.....	5
Lawrence.....	5	2	Paterson.....	8	.....
Leominster.....	2	.....	Plainfield.....	.....	1
Lowell.....	.....	11	Summit.....	.....	2
Lynn.....	.....	14	Trenton.....	52	10
Malden.....	.....	3	West New York.....	.....	1
Milford.....	.....	1	West Orange.....	2	.....
New Bedford.....	.....	13	New Mexico:		
Newton.....	3	1	Albuquerque.....	.....	2
North Adams.....	2	.....	New York:		
Northampton.....	1	.....	Albany.....	24	.....
Northbridge.....	.....	1	Amsterdam.....	2	1
Pittsfield.....	.....	2	Auburn.....	2	1
Plymouth.....	.....	1	Buffalo.....	76	34
Quincy.....	3	.....	Geneva.....	.....	2
Salem.....	.....	1	Glens Falls.....	3	1
Somerville.....	.....	5	Hornell.....	5	3
Southbridge.....	.....	1	Ithaca.....	8	3
Springfield.....	7	5	Jamestown.....	8	5
Taunton.....	.....	7	Lackawanna.....	6	.....
Waltham.....	6	3	Lockport.....	.....	1
Westfield.....	3	1	Middletown.....	2	.....
Winthrop.....	2	.....	New York.....	448	211
Worcester.....	.....	7	Niagara Falls.....	.....	6
Michigan:			North Tonawanda.....	.....	2
Battle Creek.....	2	1	Peekskill.....	.....	1
Benton Harbor.....	.....	1	Poughkeepsie.....	10	3
Detroit.....	155	62	Rochester.....	37	10
Flint.....	10	7	Rome.....	.....	1
Grand Rapids.....	5	2	Saratoga Springs.....	2	.....
Hamtramck.....	.....	3	Schenectady.....	8	2
Highland Park.....	7	6	Syracuse.....	33	8
Kalamazoo.....	6	3	Troy.....	11	3
Marquette.....	7	.....	Watertown.....	7	2
Muskegon.....	8	2	White Plains.....	4	1
Pontiac.....	10	5	Yonkers.....	6	2
Port Huron.....	2	.....	North Carolina:		
Saginaw.....	.....	2	Greensboro.....	.....	2
Sault Ste. Marie.....	1	.....	Raleigh.....	.....	4
Minnesota:			Rocky Mount.....	.....	1
Duluth.....	5	1	Wilmington.....	.....	1
Minneapolis.....	.....	9	Winston-Salem.....	.....	3
St. Paul.....	.....	17			

CITY REPORTS FOR WEEK ENDED JANUARY 27, 1923—Continued.

PNEUMONIA (ALL FORMS)—Continued.

City.	Cases.	Deaths.	City.	Cases.	Deaths.
Ohio:			South Carolina:		
Akron.....	13	9	Charleston.....	3	2
Alliance.....	3	2	Greenville.....		3
Ashtabula.....		1	South Dakota:		
Barberton.....		1	Sioux Falls.....		1
Bucyrus.....		1	Tennessee:		
Cambridge.....		2	Memphis.....		20
Canton.....		6	Nashville.....		15
Chillicothe.....		1	Texas:		
Cincinnati.....		27	Dallas.....		11
Cleveland.....	106	38	El Paso.....		14
Cleveland Heights.....	2		Galveston.....		1
Columbus.....		16	Houston.....		5
Dayton.....	1		San Antonio.....		9
East Cleveland.....	5	1	Waco.....		7
Hamilton.....		1	Utah:		
Kenmore.....	2		Salt Lake City.....		2
Lancaster.....		1	Vermont:		
Mansfield.....	5	1	Rutland.....	1	
Marion.....	1		Virginia:		
Middletown.....	2	1	Alexandria.....	2	1
Newark.....		1	Charlottesville.....		3
Piqua.....		1	Lynchburg.....		4
Salem.....		2	Norfolk.....		11
Sandusky.....	1		Petersburg.....		2
Springfield.....		4	Portsmouth.....		3
Toledo.....		8	Richmond.....		12
Youngstown.....		2	Roanoke.....		2
Oklahoma:			West Virginia:		
Oklahoma.....		3	Charleston.....		1
Oregon:			Clarksburg.....		1
Portland.....		5	Huntington.....		8
Pennsylvania:			Wheeling.....		9
Philadelphia.....	186	132	Wisconsin:		
Rhode Island:			Beloit.....	3	1
Cumberland.....		1	Janesville.....		1
Newport.....		2	Milwaukee.....	24	
Pawtucket.....		5	Racine.....		4
Providence.....		10			

POLIOMYELITIS (INFANTILE PARALYSIS).

The column headed "Median for previous years" gives the median number of cases reported during the corresponding week of the years 1915 to 1922, inclusive. In instances in which data for the full eight years are incomplete, the median is that for the number of years for which information is available.

City.	Median for previous years.	Week ended Jan. 27, 1923.		City.	Median for previous years.	Week ended Jan. 27, 1923.	
		Cases.	Deaths.			Cases.	Deaths.
California:				New Jersey:			
Los Angeles.....	0	1		East Orange.....	0	1	1
Illinois:				Hoboken.....	0		1
Chicago.....	0	1		New York:			
Maryland:				New York.....	1	1	
Baltimore.....	0	2					
Massachusetts:							
Boston.....	0	1					
Lowell.....	0	1					

RABIES IN ANIMALS.

City.	Cases.	City.	Cases.
California:		Missouri:	
Los Angeles.....	8	Kansas City.....	3
Pasadena.....	2	Texas:	
		Beaumont.....	2

CITY REPORTS FOR WEEK ENDED JANUARY 27, 1923—Continued.

SCARLET FEVER.

See p. 314; also Current State summaries, p. 303; and Monthly summaries by States, p. 307.

SMALLPOX.

The column headed "Median for previous years" gives the median number of cases reported during the corresponding week of the years 1915 to 1922, inclusive. In instances in which data for the full eight years are incomplete, the median is that for the number of years for which information is available.

City.	Median for previous years.	Week ended Jan. 27, 1923.		City.	Median for previous years.	Week ended Jan. 27, 1923.	
		Cases.	Deaths.			Cases.	Deaths.
California:				Montana:			
Oakland.....	0	3	.....	Great Falls.....	2	9	.....
Sacramento.....	0	1	.....	Missoula.....	0	1	.....
Colorado:				New York:			
Denver.....	22	4	.....	Jamestown.....	0	6	.....
Connecticut:				Niagara Falls.....	0	3	.....
Bridgeport.....	0	3	.....	Rochester.....	0	1	.....
Illinois:				North Carolina:			
Alton.....	0	1	.....	Winston-Salem.....	0	16	.....
Freeport.....	0	2	.....	North Dakota:			
Rockford.....	0	1	.....	Grand Forks.....	1	1	.....
Indiana:				Ohio:			
Anderson.....	1	2	.....	Lancaster.....	0	1	.....
Elwood.....	0	3	.....	Sandusky.....	0	1	.....
Fort Wayne.....	2	7	.....	Toledo.....	2	2	.....
Gary.....	1	6	.....	Oklahoma:			
Indianapolis.....	6	1	.....	Oklahoma.....	4	2	.....
Kokomo.....	0	1	.....	Oregon:			
Terre Haute.....	1	1	.....	Portland.....	4	4	.....
Iowa:				Tennessee:			
Council Bluffs.....	0	1	.....	Knoxville.....	1	6	.....
Davenport.....	3	3	.....	Memphis.....	4	1	.....
Maine:				Texas:			
Biddeford.....	.....	1	.....	El Paso.....	0	1	.....
Michigan:				Waco.....	1	2	.....
Ann Arbor.....	0	1	.....	Utah:			
Detroit.....	9	3	.....	Salt Lake City.....	4	9	.....
Flint.....	5	2	.....	Virginia:			
Grand Rapids.....	0	1	.....	Roanoke.....	0	1	.....
Minnesota:				Washington:			
Duluth.....	0	11	.....	Seattle.....	5	9	.....
Mankato.....	1	1	.....	Spokane.....	6	11	.....
Minneapolis.....	19	14	.....	Wisconsin:			
St. Cloud.....	2	1	.....	Eau Claire.....	0	1	.....
St. Paul.....	7	12	.....	Stevens Point.....	.....	1	.....
Virginia.....	0	1	.....	Superior.....	1	34	.....
Missouri:				Wyoming:			
Kansas City.....	7	1	.....	Cheyenne.....	0	1	.....
St. Louis.....	2	1	.....			

TETANUS.

City.	Cases.	Deaths.	City.	Cases.	Deaths.
Minnesota:			Texas:		
Minneapolis.....	.....	1	Houston.....	.....	1
New York:			San Antonio.....	.....	1
New York.....	1	1	West Virginia:		
			Bluefield.....	.....	1

TUBERCULOSIS.

See p. 314; also Current State summaries, p. 307.

CITY REPORTS FOR WEEK ENDED JANUARY 27, 1923—Continued.

TYPHOID FEVER.

The column headed "Median for previous years" gives the median number of cases reported during the corresponding week of the years 1915 to 1922, inclusive. In instances in which data for the full eight years are incomplete, the median is that for the number of years for which information is available.

City.	Median for previous years.	Week ended Jan. 27, 1923.		City.	Median for previous years.	Week ended Jan. 27, 1923.	
		Cases.	Deaths.			Cases.	Deaths.
Alabama:				Montana:			
Birmingham.....	1	1	.....	Billings.....	0	1	1
Arkansas:				New Jersey:			
Little Rock.....	0	1	.....	Newark.....	0	3	.....
North Little Rock.....	0	1	.....	New York:			
California:				Hornell.....	0	1	.....
Los Angeles.....	2	1	.....	Ithaca.....	0	1	.....
Riverside.....	0	1	.....	New York.....	12	8	3
Connecticut:				Syracuse.....	0	1	.....
New Haven.....	0	2	.....	North Carolina:			
District of Columbia:				Wilmington.....	0	.....	1
Washington.....	1	.....	1	Ohio:			
Florida:				Cincinnati.....	0	1	1
Tampa.....	4	1	.....	Cleveland.....	1	1	.....
Georgia:				Columbus.....	0	1	.....
Atlanta.....	0	1	1	Newark.....	0	1	.....
Rome.....	0	1	.....	Toledo.....	0	1	.....
Savannah.....	1	1	.....	Oregon:			
Illinois:				Portland.....	0	.....	1
Chicago.....	5	3	.....	Pennsylvania:			
Indiana:				Allentown.....	0	1	.....
Fort Wayne.....	0	.....	1	Butler.....	0	1	.....
Hammond.....	0	1	.....	Philadelphia.....	5	2	1
Kentucky:				Pittsburgh.....	1	1	.....
Covington.....	0	1	.....	Pottstown.....	0	2	.....
Louisville.....	0	3	.....	Swissvale.....	0	1	.....
Louisiana:				Rhode Island:			
New Orleans.....	1	5	1	Pawtucket.....	0	1	.....
Maryland:				Providence.....	0	1	.....
Baltimore.....	1	2	2	South Dakota:			
Massachusetts:				Sioux Falls.....	0	1	.....
Chelsea.....	0	1	.....	Texas:			
Fall River.....	0	1	.....	El Paso.....	0	1	.....
Fitchburg.....	0	.....	1	Waco.....	0	1	.....
Lawrence.....	1	1	.....	Virginia:			
Methuen.....	0	1	.....	Roanoke.....	0	1	1
Michigan:				Washington:			
Detroit.....	1	1	.....	Seattle.....	0	1	.....
Flint.....	0	1	.....	Tacoma.....	0	2	.....
Grand Rapids.....	1	1	.....	West Virginia:			
Minnesota:				Wheeling.....	1	1	.....
Duluth.....	0	1	.....	Wisconsin:			
Missouri:				Wausau.....	0	1	.....
St. Louis.....	1	2	.....			

DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS.

City.	Population Jan. 1, 1920.	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuberculosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Alabama:										
Birmingham.....	178,806	57	10	.....	2	.....	1	.....	9	7
Mobile.....	60,777	25	.....	.....	.....	.....	.....	.....	1	5
Montgomery.....	43,464	14	.....	.....	.....	.....	.....	.....	.....	.....
Tuscaloosa.....	11,996	.....	2	.....	.....	.....	2	.....	.....	.....
Arkansas:										
Hot Springs.....	11,695	3	.....	.....	.....	.....	.....	.....	.....	.....
Little Rock.....	65,142	.....	2	.....	1	.....	2	.....	2	.....
North Little Rock.....	14,048	.....	1	.....	.....	.....	1	.....	.....	.....

CITY REPORTS FOR WEEK ENDED JANUARY 27, 1923—Continued.

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

City.	Popula- tion Jan. 1, 1920.	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuber- culosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
California:										
Alameda.....	28,806	16	2		1				1	1
Bakersfield.....	18,638	6	3		1				1	1
Eureka.....	12,923	9			2				1	1
Glendale.....	13,536	15								3
Long Beach.....	55,593	22	6	1	10					1
Los Angeles.....	576,673	192	60	1	34		31	1	41	16
Oakland.....	216,261	48	6	1	3		7		3	3
Pasadena.....	45,354	15							4	4
Richmond.....	16,843	1			2		2			
Riverside.....	19,341	8	1						1	
Sacramento.....	65,906	29	6				2		2	2
San Bernardino.....	18,721	7	1				1			2
San Diego.....	74,683	35	15	1	120		7		7	5
San Francisco.....	506,676	29	29	5	4		8	1	32	11
Santa Ana.....	15,485	13	1		1		2			
Santa Barbara.....	19,441	12								1
Santa Cruz.....	10,917	5								
Stockton.....	40,296	15	2	1						
Vallejo.....	21,107	1								
Colorado:										
Denver.....	256,491	96	25	1	3		19			14
Greeley.....	10,968	3								1
Pueblo.....	43,050	7	8				1		1	1
Trinidad.....	10,906						1	1		
Connecticut:										
Bridgeport.....	143,555	42	11	3	66		13		5	3
Bristol.....	20,620	4	2		1		1			
Derby.....	11,238	3								
Fairfield (town).....	11,475	4			19		1			
Hartford.....	138,096	41	8		1		4		1	
Manchester (town).....	18,370	3			1					
Meriden (city).....	29,667				8		2		1	
Milford (town).....	10,199	5			1					
New Haven.....	162,537	80			31		9		5	1
New London.....	25,688	10			4					
Norwich (city).....	22,304	6			3		1			
District of Columbia:										
Washington.....	437,571	234	53	1	51		43	1	24	12
Florida:										
St. Petersburg.....	14,237	17	3				1			
Tampa.....	51,608	19	4						2	2
Georgia:										
Albany.....	11,555		1	1						
Atlanta.....	200,616	76	2				2		1	3
Brunswick.....	14,413	6							1	
Macon.....	52,995				85				2	
Rome.....	13,252						1			
Savannah.....	83,252	52	3	1			1			7
Idaho:										
Boise.....	21,393	5					1			
Pocatello.....	15,001	9								1
Illinois:										
Alton.....	24,682		1		3					
Aurora.....	36,397	9	10	1			3			1
Centralia.....	12,491	10	2				1			
Champaign.....	15,873		2		1					
Chicago.....	2,701,705	705	183	9	292	4	90	3	202	39
Cicero.....	44,995	9			4		2		2	
Decatur.....	43,818	8	3		3		7		5	
East St. Louis.....	66,767	18	2		3		1		1	1
Elgin.....	27,454	5			1					
Evanston.....	37,234	13	4		6		4		4	
Freeport.....	19,669	7	4				4			
Galesburg.....	23,534	12	2		6					
Jacksonville.....	15,713	6	1				3			
Kewanee.....	16,026	5							1	
La Salle.....	13,050	7			33		1		1	
Mattoon.....	13,552	5							2	
Oak Park.....	39,858	11	4		5		1			1
Peoria.....	76,121	23			11		13			1
Quincy.....	35,978	16					5			1
Rockford.....	65,461	16	4	2	1		7		1	1
Springfield.....	59,183	26	2		26					

CITY REPORTS FOR WEEK ENDED JANUARY 27, 1923—Continued.

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

City.	Popula- tion Jan. 1, 1920.	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuber- culosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Indiana:										
Anderson	29,767	9					1			1
Bloomington	11,595	3								
Crawfordsville	10,139	3					2			
East Chicago	35,967	13	2		2		1			1
Elwood	10,790	6	1				4			
Fort Wayne	86,549	6	6				2			1
Frankfort	11,585	6	2							
Gary	55,378	23					1			2
Hammond	36,004	10			32		3			
Indianapolis	314,194	118	23	3	8		6		4	8
Kokomo	30,067	6	2		1					
La Fayette	22,486	10	10							
Logansport	21,626	8			3				1	1
Mishawaka	15,195	5	1		27		1		4	
Muncie	36,524	9	2		1					1
Peru	12,410	3								
South Bend	70,983	14	2	1	30		4		6	
Terre Haute	66,083	30	3		5		5			
Iowa:										
Burlington	24,057	11					2		1	
Cedar Rapids	45,566						3			
Clinton	24,151		5							
Council Bluffs	36,162	10	1				3			
Davenport	56,727		12		1		2			
Dubuque	39,141		1		81		1			
Iowa City	11,267						1			
Marshalltown	15,731						1			
Mason City	20,065	5	6					1		
Muscatine	16,068	4	2	1			1			1
Sioux City	71,227		1				3		1	
Waterloo	36,230		1		1		1			
Kansas:										
Coffeyville	13,452	4	1				2			
Fort Scott	10,693	2	3							
Hutchinson	23,298		1							
Kansas City	101,177		1		2		5		7	
Lawrence	12,456	1								
Leavenworth	16,912		1							
Parsons	16,028	5	1							
Salina	15,085	8	1							
Topeka	50,022	15	7		2		1		5	
Wichita	72,217	36	20	1	1		7		1	1
Kentucky:										
Covington	57,121	18	3				2			3
Henderson	12,169	3			9	1	1			
Lexington	41,534	18	2						1	2
Louisville	234,891	109	10		6		4		11	4
Paducah	24,735				34					
Louisiana:										
New Orleans	387,219	159	31		1		5	1	25	17
Maine:										
Auburn	16,985	4					14			1
Bangor	25,978		1							
Bath	14,731	3								
Biddeford	18,008	10							1	
Lewiston	31,791	11	1	1			3		5	
Portland	69,272	12	4	1	22		5			
Sanford (town)	10,691	5								
Waterville	13,351		1							
Maryland:										
Baltimore	733,826	282	43	5	83	1	42		53	17
Cumberland	29,837	8			29		6		1	1
Frederick	11,066	7	3		3					
Massachusetts:										
Adams (town)	12,967	1								
Amesbury (town)	10,036	3	2		1					
Arlington (town)	18,665	12			1		1		1	1
Attleboro	19,731	3			7				1	1
Belmont (town)	10,749	4			5		1		1	
Beverly	22,561	10			3				1	1
Boston	748,060	295	64	7	52	1	72		26	9
Braintree (town)	10,580	4			12					
Brockton	66,254	16	1				5		2	1
Brookline	37,748	15								
Cambridge	109,694	35	5		54		12		3	2

CITY REPORTS FOR WEEK ENDED JANUARY 27, 1923—Continued.

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

City.	Popula- tion Jan. 1, 1920.	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuber- culosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Massachusetts—Continued.										
Chelsea	43,184	11	3		17		1		1	
Chicopee	36,214	3								
Clinton	12,979	2								
Danvers	11,108		2						1	
Dedham	10,762	4								
Everett	40,120	16	2		5		9		2	1
Fall River	120,485	34	11		37		8		7	3
Fitchburg	41,099	16	4	1			5			
Frammingham	17,033	6	2				1			
Gardner	16,971	6								1
Greenfield	15,462	4			1		1			
Haverhill	53,884	13	4		2		6		2	1
Lawrence	94,270	27	2		2					3
Leominster	19,744	4							1	
Lowell	112,759	46	7	1	86	2	5		3	3
Lynn	99,148	38	3		127		13		4	1
Malden	49,103	12	1		3		3			
Medford	39,088	13			4		2		1	
Melrose	18,204	6								
Methuen	15,189	5								
Milford	13,471	9			5					
New Bedford	121,217	49	1		212		2		2	2
Newburyport	15,618	2			8					
Newton	46,054	17			5		17		2	1
North Adams	22,282	7							1	1
Northampton	21,951	15			1		1		1	
Northbridge	10,174	4								
Pittsfield	41,763	12	1				8		3	1
Plymouth	13,045	8								
Quincy	47,876	10	4		4		8		1	
Salem	42,529	11	3		1					2
Somerville	93,091	31	8		8		5		3	1
Southbridge	14,245	5			1					
Springfield	129,614	40	9		4		7		6	1
Taunton	37,137	22			14		1			2
Wakefield	13,025	2								
Waltham	30,915	11	6				6			
Watertown	21,457	2					1			
Webster	13,258	3					3		1	
West Springfield	13,443	1								
Westfield	18,694	7	2				2		3	
Winchester	10,485	4					3			
Winthrop	15,455	5			6				1	
Woburn	16,574	2								
Worcester	179,754	51	14	1	6		13			3
Michigan:										
Alpena	11,101		1				8			
Ann Arbor	19,516	8	4		1		1			
Battle Creek	36,164	1	3		1		4			
Benton Harbor	12,233	3	1		7		1			
Detroit	993,678	270	60	4	18		132	2	35	21
Flint	91,599	37	17	4	2		26		1	2
Grand Rapids	137,634	40	1		1		10	1	5	2
Hamtramck	48,615	9	3	1	1		1			
Highland Park	46,499	12	3		1		10			1
Holland	12,183		1		7		4			
Kalamazoo	48,487	20	4		1		7		2	1
Marquette	12,718	2								
Muskegon	36,570	11	1				1			
Pontiac	34,273	14	4				2			
Port Huron	25,944	11					7		1	
Saginaw	61,903	25		1	1		9	1		
Sault Ste. Marie	12,096	4								
Minnesota:										
Duluth	98,917	19	3		126		10	1	5	
Faribault	11,089	5					2		1	1
Hibbing	15,089	2	1		1		5			
Minneapolis	380,582	76	31	2			53	1	29	1
Rochester	13,722	13			1					
St. Cloud	15,873		1				4			
St. Paul	234,698	70	19		62	1	57	1	10	3
Virginia	14,022						7			
Winona	19,143	8					2		1	

CITY REPORTS FOR WEEK ENDED JANUARY 27, 1923—Continued.

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

City.	Popula- tion Jan. 1, 1920.	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuber- culosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Missouri:										
Joplin.....	29,902		1							
Kansas City.....	324,410	117	11		3		4		17	9
St. Joseph.....	77,939	19	6				1			1
St. Louis.....	772,897	231	38	2	63		20		34	12
Springfield.....	39,631	17								2
Montana:										
Anaconda.....	11,668	5					3			
Billings.....	15,100	5	1	1					1	
Great Falls.....	24,121	6	1	2			1		1	
Helena.....	12,037	2					1			
Missoula.....	12,668	13					1		1	
Nebraska:										
Lincoln.....	54,948	20	3				1		1	1
Omaha.....	191,601	49	4	1	1		10			3
Nevada:										
Reno.....	12,016	6								
New Hampshire:										
Berlin.....	16,104	6								
Concord.....	22,167	17								
Dover.....	13,029	5			1					
Keene.....	11,210	7	2	1						
Nashua.....	28,379	12					2			
Portsmouth.....	13,569	0								
New Jersey:										
Asbury Park.....	12,400	6								
Atlantic City.....	50,707	21	3		81		2			
Bayonne.....	76,754		4				1		1	
Belleville.....	15,660				1					
Bloomfield.....	22,019	3	1		13		6			
Clifton.....	26,470	5			15	1	2			
East Orange.....	50,710	7	3		12		2			1
Elizabeth.....	95,783	20	30		90	2	9		2	
Englewood.....	11,627	2			24		2			
Garfield.....	19,381	6			10				1	1
Hackensack.....	17,667	4	1				3		1	
Harrison.....	15,721	2			3					
Hoboken.....	68,166	26	3				1		5	1
Jersey City.....	298,103	16	16		9		12		10	
Kearny.....	26,724	5	1	1					2	
Long Branch.....	13,521	3	2						1	1
Montclair.....	28,810	3	1		6		1			
Morristown.....	12,548	8			9		1			
Newark.....	414,524	130	8	2	125	1	20		43	6
Orange.....	33,268	8			33		1		1	
Passaic.....	63,841	15	1		11		6			1
Paterson.....	135,875	3			10		5		10	
Perth Amboy.....	41,707	10	1	1	2		12		3	1
Plainfield.....	27,700	6	1		4				1	
Summit.....	10,174	6			1					
Trenton.....	119,289	46	25	2	5		13		6	1
Union (town).....	20,651		2				1			
West Hoboken.....	40,074	4								
West New York.....	29,926	5	2	2			2			
West Orange.....	15,573	4			18		5			
New Mexico:										
Albuquerque.....	15,157	11								5
New York:										
Albany.....	113,344						6		5	
Amsterdam.....	33,524	5	7				1		4	
Auburn.....	36,192	12					1			
Buffalo.....	506,775	177	13	3	93	2	28		11	13
Cohoes.....	22,987	6							1	
Geneva.....	14,648	4								
Glens Falls.....	16,638	6								
Hornell.....	15,025	3								
Hudson.....	11,745	7								1
Ithaca.....	17,004	5					2			1
Jamestown.....	38,917	13	2		1		1			
Lackawanna.....	17,918	3	1							
Little Falls.....	13,029	8	3	3						
Lockport.....	21,308	6	1							
Middletown.....	18,420									1
New York.....	5,620,048	1,470	179	12	189	3	254	7	199	104

CITY REPORTS FOR WEEK ENDED JANUARY 27, 1923—Continued.

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

City.	Popula- tion Jan. 1, 1920.	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuber- culosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
New York—Continued.										
Newburgh.....	30,366	13			2				2	1
Niagara Falls.....	50,760	16	1				3		1	
North Tonawanda.....	15,482	7					1			
Olean.....	20,506	6	2		26	1	4			
Peekskill.....	15,868	3					9			
Plattsburg.....	10,909	3								
Poughkeepsie.....	35,000	15	1	1	1		2		4	
Rochester.....	295,750	69	14	2	67	2	1		21	
Rome.....	26,341	9	1				4			1
Saratoga Springs.....	13,181	2					1			
Schenectady.....	88,723	18	1		2		10		3	
Syracuse.....	171,717	49	14	2	3		24		5	2
Troy.....	72,013	25	1						9	4
Watertown.....	31,285	11	1	1						
White Plains.....	21,031	5			1		6		1	
Yonkers.....	100,176	24	6	1	12	1	6			2
North Carolina:										
Durham.....	21,719	5	2		2				2	
Greensboro.....	15,861	7								1
Raleigh.....	24,418	16	1	1						
Rocky Mount.....	12,742	4								
Salisbury.....	13,884	1								
Wilmington.....	33,372	15			2		1		1	1
Winston-Salem.....	48,395	19					2		2	2
North Dakota:										
Fargo.....	21,961	0			1		1		1	
Ohio:										
Akron.....	208,435	45	5		7		13			
Alliance.....	21,603	9	2		1		1		1	1
Ashtabula.....	22,082	5	1							
Barberton.....	18,811	3					4			
Bucyrus.....	10,425	3			1					
Cambridge.....	13,104	5			6					
Canton.....	87,091	23	13	1	1					
Chillicothe.....	15,831	6	1				1			1
Cincinnati.....	401,247	165	38		8		21		11	13
Cleveland.....	796,841	191	48	1	104		154		43	12
Cleveland Heights.....	15,236						2		2	
Columbus.....	237,031	88	9	2	32		10		5	4
Dayton.....	152,559	54	1		1		10			
East Cleveland.....	27,292	2			3		8			
East Youngstown.....	11,237	3								
Findlay.....	17,021	5			20					
Fremont.....	12,468	3								
Hamilton.....	39,675	13			1		1			
Kenmore.....	12,683								1	
Lancaster.....	14,706	7	3							1
Lorain.....	37,295		2	1	49		9		2	
Mansfield.....	27,824	10	1		86		1		1	
Marion.....	27,891				1		3			
Martins Ferry.....	11,634	7			10		2			
Middletown.....	23,584	9							3	1
New Philadelphia.....	10,718						1			
Newark.....	26,718	7								
Niles.....	13,080	1	3				1			
Norwood.....	24,966	4								
Piqua.....	15,044	5	1				3			1
Salem.....	10,305	3					1			
Sandusky.....	22,897	8	2		7				1	
Springfield.....	60,840	16	2		25		7		3	1
Staubenville.....	28,508	8					1			
Toledo.....	243,164	76	21	1	260	4	23	1	6	9
Youngstown.....	132,358	30	18	1	7		3	1	2	2
Oklahoma:										
Oklahoma.....	91,295	26	1		4		10			2
Oregon:										
Portland.....	258,288	53	17				3		10	3
Pennsylvania:										
Allentown.....	73,502		8		75		4			
Altoona.....	60,331		1		59					
Ambridge.....	12,730		1		5		1			
Beaver Falls.....	12,802		1		3				3	
Berwick.....	12,181						4		1	

CITY REPORTS FOR WEEK ENDED JANUARY 27, 1923—Continued.

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

City.	Popula- tion Jan. 1, 1920.	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuber- culosis.		
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	
Pennsylvania—Continued.											
Bethlehem.....	50,358		8		40		7		3		
Braddock.....	20,879				1						
Bradford.....	15,525		1								
Bristol.....	10,273		4		1						
Butler.....	23,778		1		1		1				
Canonsburg.....	10,632				3						
Carlisle.....	10,916				2						
Carnegie.....	11,516				31		1				
Carrick.....	10,504						1				
Chambersburg.....	13,171				13						
Charleroi.....	11,516		1								
Chester.....	58,030				81		1		1		
Coatesville.....	14,515				2		1				
Connellsville.....	13,804		1		1		1				
Dickson.....	11,049				1		1				
Donora.....	14,131		3		8				1		
Dubois.....	13,681				6						
Duquesne.....	19,011		1		26						
Easton.....	33,813		1		21						
Erie.....	93,372		3		4		12		1		
Farrell.....	15,586		1		6				5		
Greensburg.....	15,033				16						
Harrisburg.....	75,917		3		114		5				
Hazleton.....	32,277		1				2		1		
Homestead.....	20,452		1		10				5		
Jeannette.....	10,627				19						
Johnstown.....	67,327		8		7		8				
Lancaster.....	53,150		5		51		19				
Lebanon.....	24,643		2		85		1				
McKees Rocks.....	16,713		2				1				
McKeesport.....	46,781		3		16		2				
Mahanoy City.....	15,599				2		1				
Monessen.....	18,179		1		2						
Mount Carmel.....	17,469		1				1				
Nanticoke.....	22,614				5						
New Castle.....	44,938		1				2		1		
New Kensington.....	11,987				4						
Norristown.....	32,319		3		37				2		
North Braddock.....	14,928				3						
Oil City.....	21,274		1		12		2				
Philadelphia.....	1,823,779	706	87	9	639	22	49	1	105	52	
Phoenixville.....	10,484				57						
Pittsburgh.....	588,343		35		405		29				
Pittston.....	18,497				1		2				
Pottstown.....	17,431		1		46						
Pottsville.....	21,876		1		1						
Punxsutawney.....	10,311		1								
Reading.....	107,784		8		143		1		1		
Scranton.....	137,783		2		26		4				
Shamokin.....	21,204		2		1				1		
Sharon.....	21,747				1		2				
Shenandoah.....	24,726		1								
Steelton.....	13,428				12						
Sunbury.....	15,721						1				
Swissvale.....	10,908		4		7						
Tamaqua.....	12,363				13						
Uniontown.....	15,692		1		8						
Warren.....	14,272						1				
Washington.....	21,480		2				1				
West Chester.....	11,717				21		2				
Wilkes-Barre.....	73,833		6				1		1		
Wilkinsburg.....	24,403		1		23		1				
Williamsport.....	36,198		1		1		1				
Woodlawn.....	12,495				8						
York.....	47,512				12		6		2		
Rhode Island:											
Cranston.....	29,407	3			3						
Cumberland (town).....	10,077	1			10						
East Providence (town).....	21,793		1		4						
Newport.....	30,255	8			3						
Pawtucket.....	64,248	18	4		5		1			1	
Providence.....	237,595	81	13	2	100	6	4			9	

CITY REPORTS FOR WEEK ENDED JANUARY 27, 1923—Continued.

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

City.	Popula- tion Jan. 1, 1920.	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuber- culosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
South Carolina:										
Charleston.....	67,957	24	2				1			7
Columbia.....	37,524		1				1		2	
Greenville.....	23,127	5			1		1			
South Dakota:										
Sioux Falls.....	25,202	7	1				2			
Tennessee:										
Knoxville.....	77,818		2				1		2	2
Memphis.....	162,351	95	8		225	2	1		22	6
Nashville.....	118,342	64			1		1		3	2
Texas:										
Beaumont.....	40,422	7	1							2
Corpus Christi.....	10,522	3	2							
Corsicana.....	11,356		2							
Dallas.....	158,976	52	3				5		1	1
El Paso.....	77,560	163			68		4		11	15
Fort Worth.....	106,482	19	2				4		2	1
Galveston.....	44,255	5	1							
Houston.....	138,276	36	4				1			4
San Antonio.....	161,379	50	3				1			7
Waco.....	38,500	21					1			2
Utah:										
Salt Lake City.....	118,110	18	5		1		1			
Vermont:										
Burlington.....	22,779	3								1
Rutland.....	14,954	5					2			1
Virginia:										
Alexandria.....	18,060	6								
Charlottesville.....	10,688	7								1
Lynchburg.....	30,070	14	1		7					
Norfolk.....	115,777		4	1	1		2		3	4
Petersburg.....	31,012	10								
Portsmouth.....	54,387	12								1
Richmond.....	171,667	64	3		1		5		11	6
Roanoke.....	50,842	14	2		2	1	1			
Washington:										
Seattle.....	315,312		3		2		9		2	
Spokane.....	104,437		10				3			
Tacoma.....	96,965		1				21			
Vancouver.....	12,637						1			
Yakima.....	18,539						1			
West Virginia:										
Bluefield.....	15,282	6					1			
Charleston.....	39,608	16	4		1			1		
Clarksburg.....	27,869	8					2			
Fairmont.....	17,851		3				7		1	
Huntington.....	50,177	31	1				1			1
Martinsburg.....	12,515		1							
Morgantown.....	12,127		1		5					
Moundsville.....	10,669	3	2							
Parkersburg.....	20,050	6					1			
Wheeling.....	56,208	40	5	2	93		2		2	2
Wisconsin:										
Appleton.....	19,561	6	3				2			
Beloit.....	21,284	2	2		2		4			
Eau Claire.....	20,906		5	1						
Fond du Lac.....	23,427	5	1				1			
Green Bay.....	31,017		1				4			
Janesville.....	18,293	5			15					
Kenosha.....	40,472	4			213		1			
La Crosse.....	30,421				5		3			
Madison.....	38,378	4	5		4		2		1	
Marinette.....	13,610	6					4			
Milwaukee.....	457,147	105	24	2	570	1	162	2	15	1
Oshkosh.....	33,162	7			1		1			
Racine.....	58,593	13	1	1	35		6			
Sheboygan.....	30,955	7	4		2		3		2	
Stevens Point.....	11,371		1							
Superior.....	39,671	7	3							
Wausau.....	18,661		3		2		1			
West Allis.....	13,745		2		8		11		3	
Wyoming:										
Cheyenne.....	13,829	2								

FOREIGN AND INSULAR.

BRAZIL.

Leprosy—Para.

Under date of January 22, 1923, 1,200 cases of leprosy, of which about 300 were stated to be segregated, were reported present in the city of Para, Brazil.

CANADA.

Communicable Diseases—Ontario—January, 1923 (Comparative).

Communicable diseases were reported during the month of January, 1923, in the Province of Ontario, Canada, as follows:

Disease.	January, 1923.		January, 1922.	
	Cases.	Deaths.	Cases.	Deaths.
Cerebrospinal meningitis.....	6	5	7	6
Chancroid.....	3	—	1	—
Diphtheria.....	226	25	486	54
Gonorrhea.....	160	—	195	—
Influenza.....	115	39	—	—
Measles.....	331	4	205	3
Pneumonia, influenzal.....	—	18	—	—
Pneumonia, primary.....	—	362	—	286
Polioomyelitis (infantile paralysis).....	2	1	2	—
Scarlet fever.....	368	10	518	14
Smallpox.....	43	—	170	—
Syphilis.....	147	—	183	—
Tuberculosis.....	169	117	160	151
Typhoid fever.....	59	10	28	5
Whooping cough.....	376	14	89	5

Population, estimated, 2,523,200.

COLOMBIA.

Smallpox—Buenaventura.

Under date of February 2, 1923, 50 cases of smallpox were reported present at Buenaventura, Colombia.

CUBA.

Communicable Diseases—Habana—Provinces.

Communicable diseases have been notified in Cuba as follows:

Habana.

Disease.	Jan. 21-31, 1923.		Remain- ing under treatment Jan. 31, 1923.
	New cases.	Deaths.	
Chicken pox.....	7	—	10
Diphtheria.....	2	—	3
Leprosy.....	—	—	10
Malaria.....	24	1	131
Measles.....	4	—	27
Paratyphoid fever.....	1	—	1
Scarlet fever.....	2	—	4
Typhoid fever.....	15	4	58

¹ From the interior, 27; from abroad, 1.

² From the interior, 18; from abroad, 1.

³ From abroad, 1.

Provinces.

NEW CASES REPORTED, NOVEMBER 11-20, 1922.

Province.	Chicken pox.	Diph- theria.	Malaria.	Para- typhoid fever.	Plague.	Scarlet fever.	Small- pox.	Typhoid fever.
Camaguey.....			64	4			9	7
Habana.....	1	4	53	4	1	2		48
Matanzas.....		1	2	1				6
Oriente.....			71					20
Pinar del Rio.....								6
Santa Clara.....		1	6	6				12
Total.....	1	6	196	15	1	2	9	99

¹ Arrived Nov. 10, 1922, on steamship Barcelona from Spanish ports via Canary Islands. Public Health Reports, Nov. 17, 1922, p. 2879.

NEW CASES REPORTED, NOVEMBER 21-30, 1923.

Camaguey.....			116	2			7	
Habana.....	4	5	74	2				23
Matanzas.....		1		1				6
Oriente.....	3	2	102				8	16
Pinar del Rio.....		4	4					1
Santa Clara.....	5		9	4				19
Total.....	12	12	305	9			15	65

CZECHOSLOVAKIA.

Anthrax—Dysentery—Malaria—Rabies—November, 1922.

During the month of November, 1922, 5 cases of anthrax (Slovakia, 4), 44 cases of dysentery (Slovakia, 27), 2 cases of malaria (Ruthenia and Slavonia), and 1 case of rabies with 2 deaths, 1 death of a case previously reported (Moravia), were notified in Czechoslovakia.

Communicable Diseases—November, 1922.

Communicable diseases were reported in Czechoslovakia during the month of November, 1922, as follows:

Disease.	Cases.	Deaths.	Province reporting greatest number of cases.
Cerebrospinal meningitis.....	12	3	Moravia, 6 cases.
Diphtheria.....	321	30	Bohemia, 156 cases.
Scarlet fever.....	1,198	121	Slovakia, 387 cases.
Smallpox.....	1		Slovakia.
Trachoma.....	241	2	Slovakia, 105 cases.
Typhoid fever.....	491	34	Slovakia, 205 cases.
Typhus fever.....	3		Bohemia, 1 case; Slovakia, 2 cases.

Paratyphoid Fever—November, 1922.

During the month of November, 1922, nine cases of paratyphoid fever were reported in Czechoslovakia.

ECUADOR.

Plague—Guayaquil.

Plague has been reported at Guayaquil, Ecuador, as follows: December 16–31, 1922, eight cases with two deaths; January 1–15, 1923, three cases with one death.

Plague-Infected Rats—Guayaquil.

The finding of plague-infected rats has been reported at Guayaquil as follows: December 16–31, 1922, out of 3,750 rats examined, 14 rats were found plague infected; January 1 to 15, 1923, out of 4,500 rats examined, 13 rats were found plague infected.

YUGOSLAVIA.

Communicable Diseases—1920-1921.

Communicable diseases in Yugoslavia for the years 1920 and 1921 have been reported as follows:

Disease.	1920		1921	
	Cases.	Deaths.	Cases.	Deaths.
Diphtheria.....	1,840	289	2,667	360
Measles.....	16,955	483	25,624	589
Scarlet fever.....	4,922	889	15,241	2,769
Smallpox.....	4,237	910	2,119	483
Typhoid fever.....	3,883	440	4,617	614
Typhus fever.....	1,426	163	1,054	130

Population, census, Jan. 31, 1922, 12,007,323.

Communicable Diseases—August, 1922.

Communicable diseases were reported in Yugoslavia, exclusive of the Province of Voivodina, for the month of August, 1922, as follows:

Disease.	Cases.	Deaths.	Province showing highest morbidity.
Diphtheria.....	80	18	Serbia, 36 cases.
Measles.....	78	7	Bosnia-Herzegovina, 60 cases.
Scarlet fever.....	962	241	Serbia, 920 cases.
Smallpox.....	30	12	Serbia, 26 cases.
Trachoma.....	5,416	1	Croatia-Slavonia, 5,369 cases.
Typhoid fever.....	449	40	Dalmatia, 149 cases.
Typhus fever.....	1	.....	Bosnia-Herzegovina.
Typhus fever, recurrent.....	4	.....	Serbia.

Communicable Diseases—Voivodina—July, 1922.

Communicable diseases were reported in the Province of Voivodina during the month of July, 1922, as follows: Diphtheria, 14 cases, 3 deaths; measles, 3 cases; scarlet fever, 230 cases, 51 deaths; typhoid fever, 33 cases, 3 deaths.

Dysentery.

The occurrence of dysentery was reported in Yugoslavia, as follows: Year 1920—11,143 cases, 1,902 deaths; year 1921—13,269 cases, 2,392 deaths.

During the month of July, 1922, five cases of dysentery were notified in the Province of Voivodina.

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 list of countries included or the figures for the particular countries for which reports are given.

Reports Received During Week Ended February 16, 1923. ¹**CHOLERA.**

Place.	Date.	Cases.	Deaths.	Remarks.
India.....				Nov. 12-18, 1922: Cases, 1,316;
Calcutta.....	Dec. 17-23.....	7	9	deaths, 930.
Siam:				
Bangkok.....	Dec. 3-16.....	2	1	

PLAGUE.

Azores:				
Fayal Island—				
Castelo Branco	Dec. 25-31.....		1	Dec. 10-30, 1922: Cases, 34;
St. Michaels Island				deaths, 11. At localities in
				vicinity of port (Ponta Del-
				gada).
China:				
Hongkong.....	Dec. 17-23.....	1	2	
Ecuador:				
Guaayaquil.....	Dec. 16-31.....	8	2	Rats examined, 3,750; found in-
				fectcd, 14.
Do.....	Jan. 1-15.....	3	1	Rats examined, 4,500; found in-
				fectcd, 13.
India:				Nov. 12-18, 1922: Cases, 2,131;
Madras Presidency.....	Dec. 17-23.....	609	357	deaths, 1,443.
Java:				Nov. 1-30, 1922: Cases, 446;
East Java—				deaths, 425.
Soerabaya.....	Nov. 26-Dec. 9....	2	2	
Madagascar:				
Province—				
Moramanga.....				Oct. 31-Nov. 12, 1922: Cases, 3;
Tananarive—				deaths, 3. Native
Fenoarivo.....	Oct. 31-Nov. 12....	3	3	District.
Tananarive.....	Nov. 23-Dec. 10....		4	
Mesopotamia:				
Bagdad.....	Nov. 1-30.....	9		
Siam:				
Bangkok.....	Dec. 3-16.....	2	3	

SMALLPOX.

Brazil:				
Rio de Janeiro.....	Dec. 24-30.....	6	4	
Canada:				
Winnipeg—				
Manitoba.....	Jan. 21-27.....	1		
New Brunswick—				
Northumberland	.....do.....	7		
County.....				
Ontario.....				Jan. 1-30, 1923: Cases, 43.
Hamilton.....	Jan. 28-Feb. 3....	1		
Niagara Falls.....	Jan. 7-27.....	7		
China:				
Hankow.....	Dec. 31-Jan. 6....	3	1	
Manchuria—				
Harbin.....	Dec. 18-31.....	4		

¹From 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 February 16, 1923—Continued.

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Colombia:				
Buenaventura.....	Feb. 2.....	50	.....
Cuba:				
Province—				
Camaguey.....	Nov. 11-30.....	16	.....
Oriente.....	Nov. 21-30.....	8	.....
Czechoslovakia:				
Province—				
Slovakia.....	Nov. 1-30.....	1	.....
Dominican Republic:				
San Pedro de Macoris.....	Jan. 13-19.....	2	.....
Ecuador:				
Guayaquil.....	Dec. 16-31.....	4	.....
Do.....	Jan. 1-15.....	5	.....
Great Britain:				
Nottingham.....	Jan. 7-13.....	2	.....
India.....				Nov. 12-18, 1922: Cases, 639; deaths, 160.
Calcutta.....	Dec. 17-23.....	8	6	
Karachi.....	Dec. 24-30.....	1	.....
Madras.....	Dec. 17-23.....	7	1	
Java:				
West Java—				
Batavia.....	Dec. 16-22.....	2	1	Province.
Mesopotamia:				
Bagdad.....	Nov. 1-30.....	283	208	
Mexico:				
Chihuahua.....	Jan. 15-28.....	12	8	
Mexico City.....	Dec. 17-23.....	12	.....	Including municipalities in Federal District.
Do.....	Dec. 31-Jan. 6.....	8	.....	Do.
Portugal:				
Lisbon.....	Dec. 4-24.....	.....	28	
Do.....	Jan. 7-13.....	.....	37	
Spain:				
Valencia.....	.....do.....	1	.....
Switzerland:				
Berne.....	Dec. 24-30.....	14	.....
Do.....	Dec. 31-Jan. 13.....	47	.....
Zurich.....	.....do.....	13	.....
Syria:				
Aleppo.....	Jan. 7-13.....	8	5	
Union of South Africa:				
Cape Province.....	Dec. 10-16.....	.....	.....	Outbreaks.
Natal.....	.....do.....	.....	.....	Do
Orange Free State.....	.....do.....	.....	.....	Do.
Yugoslavia.....				Aug. 1-31, 1922: Cases, 30; deaths, 12.
Serbia.....				Aug. 1-31, 1922: Cases, 26.

TYPHUS FEVER.

Brazil:				
Pernambuco.....	Dec. 3-9.....	2	2	
Czechoslovakia:				
Province—				
Bohemia.....	Nov. 1-30.....	1	.....
Slovakia.....	.....do.....	2	.....
Egypt:				
Cairo.....	Nov. 5-11.....	5	3	
Mexico:				
Mexico City.....	Dec. 17-23.....	15	.....	Including municipalities in Federal District.
Do.....	Dec. 31-Jan. 6.....	7	.....	Do.
Spain:				
Barcelona.....	Jan. 11-17.....	.....	1	
Syria:				
Aleppo.....	Jan. 7-13.....	10	4	
Union of South Africa:				
Cape Province.....	Dec. 10-16.....	.....	.....	Outbreaks.
Orange Free State.....	.....do.....	.....	.....	Do.
Yugoslavia:				
Bosnia-Herzegovina.....	Aug. 1-31.....	1	.....	Recurrent typhus, Aug. 1-31, 1922: Cases, 4.
Serbia.....				

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

Reports Received from December 30, 1922, to February 9, 1923.¹

CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
China:				
Liutaoku.....	Sept. 22.....	60	20	
Chosen (Korea):				
Yalu River Region.....				Sept. 22, 1922: 30 deaths reported.
India.....				Sept. 24-Nov. 11, 1922: Cases, 6,574; deaths, 4,386.
Bombay.....	Oct. 27-Nov. 4.....	1		
Calcutta.....	Nov. 12-Dec. 16.....	75	38	
Madras.....	Nov. 19-Dec. 16.....	4	2	
Rangoon.....	Nov. 12-Dec. 9.....	14	9	
Philippine Islands:				
Province.....				
Laguna.....	Oct. 12-18.....	1		
Russia.....				
Archangel (Government).....	Oct. 1-7.....	7		Jan. 1-Oct. 7, 1922: Cases, 83,367.
Tashkent.....	do.....	27		
Ukraine.....				
Donetz (Government).....	Sept. 1-30.....	29		Turkestan Republic: 3 cases reported on waterways.
Tchernigov (Government).....	do.....	36		Sept. 1-30, 1922: Cases, 119.
Siam:				
Bangkok.....	Oct. 29-Nov. 4.....	1		

PLAGUE.

Azores:				
Fayal Island—				
Castelo Branco.....	Dec. 2.....		2	Vicinity of Horta. Dec. 30, 1922: Several cases.
Pico Island—				
Lages.....	Nov. 27-Dec. 15.....		8	1 case present Dec. 15, 1922.
St. Michaels Island.....				Nov. 12-Dec. 9, 1922: Cases, 66; deaths, 21. At localities 3-9 miles from Ponta Delgada.
Ponta Delgada.....	Nov. 26-Dec. 9.....	3		
Brazil:				
Bahia.....	Oct. 29-Dec. 9.....	4	4	
Porto Alegre.....	Nov. 19-25.....	1		
British East Africa:				
Kenya Colony—				
Tanganyika Territory.....	Oct. 15-Nov. 18.....	1	5	
Ceylon:				
Colombo.....	Nov. 12-Dec. 16.....	28	21	Plague rodents, 12.
China:				
Hongkong.....	Nov. 5-Dec. 16.....	13	10	
Ecuador:				
Guayaquil.....	Nov. 1-Dec. 15.....	1	1	Rats examined, 12,850; found infected, 58.
Egypt:				
City—				
Alexandria.....	Nov. 19-25.....		2	Jan. 1-Dec. 28, 1922: Cases, 485; deaths, 228. Jan. 1, 1922-Jan. 4, 1923: Cases, 487; deaths, 228.
Port Said.....	Nov. 19-27.....	4	2	
Suez.....	Nov. 18-Dec. 5.....	3	4	
Province—				
Assiout.....	Nov. 19-Dec. 29.....	4	1	Septicemic: 1 case, 1 death.
Dakahlich.....	Dec. 3.....	1	1	Pneumonic.
Minieh.....	Nov. 18-27.....	2	1	
India.....				
Bombay.....	Oct. 27-Dec. 2.....	30	25	Oct. 1-Nov. 11, 1922: Cases, 10,644; deaths, 8,636.
Karachi.....	Dec. 10-16.....	1	1	
Madras Presidency.....	Nov. 19-Dec. 16.....	1,495	972	
Madras.....	Nov. 19-25.....	1	1	
Rangoon.....	Nov. 12-Dec. 9.....	26	25	
Japan:				
Osaka.....				July 1-Nov. 30, 1922: Cases, 70.
Java.....				Oct. 1-31, 1922: Cases, 454; deaths, 338.
East Java—				
Sorabaya.....	Oct. 22-Nov. 18.....	9	9	
Sorakarta—				
Klaten.....	Nov. 4.....			Present in epidemic form.
Toeloeng-Agoeng.....	Oct. 29-Nov. 11.....	17	17	Not a seaport.

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 December 30, 1922, to February 9, 1923—Continued.****PLAGUE—Continued.**

Place.	Date..	Cases.	Deaths.	Remarks.
Madagascar:				
Province—				
Moramanga.....				To Oct. 30, 1922: Cases, 21; deaths, 18. Pneumonic.
Tananarive.....				
Do.....	Oct. 23-29.....		1	To Oct. 30, 1922: Cases, 7; deaths, 7. Septicemic. Occurring in Fenoarivo region. (See Public Health Reports, Dec. 29, 1922, p. 3237.) Septicemic.
Mesopotamia:				
Bagdad.....	Oct. 1-31.....	7		
Palestine:				
Jaffa.....	Nov. 27-Dec. 4.....	1		
Peru.....				Nov. 1-Dec. 15, 1922: Cases, 120; deaths, 51.
Localities—				
Canete.....	Nov. 16-Dec. 15.....	22	9	Present.
Chepen.....	Nov. 1-15.....			
Chiclayo (city and country).....	Nov. 16-Dec. 15.....	17	7	
Eten.....	do.....	4		
Guadaloupe.....	Nov. 1-Dec. 15.....	15	6	
Huacho.....	Nov. 16-Dec. 15.....	4	1	
Huaral.....	Nov. 16-30.....	1		
Huarmey.....	Dec. 1-15.....	1	1	
Jayanca.....	Nov. 16-Dec. 15.....	4	2	
Lambayeque.....	Nov. 16-30.....	5	3	
Lima (city).....	Nov. 1-Dec. 15.....	8	6	
Lima (country).....	do.....	9	1	
Lurin.....	Dec. 1-15.....	1		
Magdalena del Mar.....	Nov. 16-30.....	1		
Mala.....	Dec. 1-15.....	1		
Mosche.....	Nov. 16-30.....	2	1	
Piura.....	do.....	4	5	
Pueblo Nuevo.....	Dec. 1-15.....	8	2	
San Pedro.....	Nov. 1-Dec. 15.....	6	3	
Sullana.....	Nov. 16-30.....	3	3	
Trujillo.....	Nov. 1-Dec. 15.....	1	1	
Tuman.....	Nov. 16-30.....	3		
Portugal:				
Lisbon.....	Nov. 10-29.....	4	2	
Portuguese West Africa:				
Angola—				
Loanda.....	Oct. 1-Dec. 2.....		44	Fatal cases among white population.
Siam:				
Bangkok.....	Nov. 12-18.....	2	1	
Spain:				
Barcelona.....	Nov. 15-Dec. 18.....	1		Sept. 24-Nov. 14, 1922: Cases, 23; deaths, 9.
Syria:				
Beirut.....	Nov. 6-12.....	2	1	
Turkey:				
Constantinople.....	Nov. 22-28.....	2		

SMALLPOX.

Algeria:				
Algiers.....	Dec. 1-10.....	1		
Arabia:				
Aden.....	Nov. 19-Dec. 23.....	7	3	
Brazil:				
Bahia.....	Nov. 5-11.....	1		
Rio de Janeiro.....	Nov. 25-Dec. 23.....	34	8	
Sao Paulo.....	Oct. 16-22.....	1	1	
British East Africa:				
Kenya Colony—				
Tanganyika Territory.....	Oct. 8-Nov. 18.....	173	9	
Uganda.....	Sept. 1-30.....	1	1	

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

Reports Received from December 30, 1922, to February 9, 1923—Continued.
SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Canada:				
Manitoba—				
Winnipeg.....	Dec. 10-30.....	14		
Ontario.....				Dec. 1-31, 1922: Cases, 51; deaths, 1.
Hamilton.....	Dec. 31-Jan. 6.....	2		
Niagara Falls.....	Dec. 3-30.....	10		
Do.....	Dec. 31-Jan. 6.....	5		
Ottawa.....	Dec. 10-23.....	6		
Do.....	Jan. 7-20.....	10		
Toronto.....	Dec. 10-30.....	2		
Quebec—				
Quebec.....	Jan. 14-20.....	3		
Saskatchewan—				
Regina.....	Dec. 3-23.....	2		
Ceylon:				
Colombo.....	Nov. 12-Dec. 9.....	8	3	
Chile:				
Concepcion.....	Oct. 30-Nov. 20.....		3	
Valparaiso.....	Oct. 2-Nov. 5.....		51	
China:				
Amoy.....	Nov. 5-Dec. 23.....		3	Nov. 26-Dec. 16, 1922: Present.
Antung.....	Nov. 13-Dec. 10.....	2		
Canton.....	Oct. 1-Nov. 30.....			Prevalent.
Chungking.....	Nov. 5-Dec. 16.....			Present.
Foochow.....	Nov. 12-Dec. 16.....			Do.
Hongkong.....	Nov. 5-11.....		1	
Manchuria—				
Harbin.....	Nov. 20-Dec. 17.....	9		
Mukden.....	Nov. 19-Dec. 16.....			Do.
Nanking.....	Nov. 5-Dec. 23.....			Do.
Chosen (Korea):				
Chemulpo.....	Oct. 1-Nov. 30.....	52	29	
Fusan.....	Nov. 1-30.....	1		
Seoul.....	Oct. 1-Nov. 30.....	6		
Czechoslovakia:				Oct. 1-31, 1922: Cases, 3.
Province—				
Bohemia.....	Oct. 1-31.....	1		
Moravia.....	do.....	1		
Slovakia.....	do.....	1		
Dominican Republic:				
Puerto Plata.....	Dec. 14-30.....	2		
Santo Domingo.....	Dec. 3-16.....			Present.
Ecuador:				
Guayaquil.....	Dec. 1-15.....	6		
France:				
Paris.....	Dec. 1-10.....	1		
Germany:				
Bremen.....	Dec. 3-9.....	1		
Great Britain:				
Liverpool.....	Dec. 11-17.....	1		From vessel.
London.....	Nov. 26-Dec. 23.....	3		
Nottingham.....	Dec. 3-9.....	1		
Greece:				
Saloniki.....	Nov. 6-Dec. 10.....	3	1	Nov. 5-18, 1922: Cases, 1,390; deaths, 276.
Zante.....	Jan. 17.....			Epidemic.
India:				
Bombay.....	Nov. 5-Dec. 2.....	5	5	
Calcutta.....	Nov. 12-Dec. 16.....	34	15	
Karachi.....	Nov. 26-Dec. 23.....	5		
Madras.....	Nov. 12-Dec. 16.....	43	21	
Rangoon.....	Nov. 5-Dec. 9.....	9	2	
Java:				
East Java—				
Soerabaya.....	Nov. 5-11.....	4		
West Java—				
Batavia.....	Nov. 11-Dec. 1.....	23		City and Province.
Mesopotamia:				
Bagdad.....	Oct. 1-31.....	285	153	
Mexico:				
Chihuahua.....	Dec. 4-17.....		4	
Do.....	Jan. 1-14.....	7	3	
Guadalajara.....	Dec. 1-31.....	4		
Mexico City.....	Nov. 12-Dec. 16.....	31		Including municipalities in Federal District.
Nogales.....	Dec. 10-19.....		1	
Do.....	Dec. 31-Jan. 6.....		1	
San Luis Potosi.....	Jan. 14-20.....		1	
Sonora, State.....				Nov. 1-30, 1922: Present in northern section.
Empalme.....	Nov. 1-30.....	4	1	
Torreon.....	Dec. 1-31.....		1	

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.**Reports Received from December 30, 1922, to February 9, 1923—Continued.****SMALLPOX—Continued.**

Place.	Date.	Cases.	Deaths.	Remarks.
Peru:				
Callao.....	Nov. 1-15.....	2	1	
Lima (city).....	Dec. 1-15.....	3	1	
Lima (country).....	Nov. 1-15.....	2	1	
Poland.....				Oct. 1-Nov. 18, 1922: Cases, 71; deaths, 19.
Portugal:				
Lisbon.....	Nov. 19-Dec. 30.....	143	6	
Do.....	Dec. 31-Jan. 6.....	29	12	
Oporto.....	Oct. 15-Dec. 30.....	24	3	
Do.....	Dec. 31-Jan. 13.....	3	3	
Portuguese West Africa:				
Angola—				
Loanda.....	Oct. 27-Nov. 11.....		10	
Russia:				
Province—				
Esthonia.....	Oct. 1-Nov. 30.....	42		
Lettonia.....	Oct. 1-31.....	1		
Ukraine.....				Jan.-Sept., 1922: Cases, 8,744.
Spain:				
Corunna.....	Nov. 26-Dec. 2.....		1	
Huelva.....	Nov. 24-30.....		1	
Seville.....	Nov. 27-Dec. 31.....		32	
Do.....	Jan. 1-14.....		5	
Valencia.....	Nov. 26-Dec. 23.....	3		
Do.....	Dec. 31-Jan. 6.....	2		
Switzerland:				
Berne.....	Nov. 19-Dec. 23.....	71		
Zurich.....	Nov. 19-Dec. 30.....	19		
Syria:				
Aleppo.....	Nov. 19-Dec. 23.....	38	20	Dec. 3-30, 1922: Present.
Do.....	Dec. 31-Jan. 6.....	6	4	
Damascus.....	Nov. 1-30.....	82	16	
Tunis:				
Tunis.....	Dec. 1-22.....	2	1	
Turkey:				
Constantinople.....	Nov. 19-Dec. 16.....	122	34	
Union of South Africa:				
Cape Province.....				Oct. 1-Nov. 30, 1922: Cases—Colored, 29; white, 4.
Do.....				Oct. 1-Nov. 30, 1922: Cases—Colored, 21; white, 4.
Natal.....	Oct. 29-Dec. 9.....			Outbreaks.
Southern Rhodesia.....	Dec. 3-9.....			Do.
Transvaal.....	Nov. 9-15.....	3		
Do.....				Oct. 1-31, 1922: Cases, 8.
Johannesburg.....	Oct. 29-Nov. 4.....			Outbreaks.
Yugoslavia:				
Serbia—				
Belgrade.....	Nov. 12-Dec. 23.....	9	4	
On vessel:				
S. S. Huntress.....	Nov. 11.....	1		At Fremantle, Australia, from Cape Town, South Africa.
.....	Dec. 17-23.....	1		At Liverpool.

TYPHUS FEVER.

Algeria:				
Algiers.....	Nov. 11-Dec. 31.....	2	1	
Brazil:				
Porto Alegre.....	Nov. 19-Dec. 16.....	3		
Chile:				
Antofagasta.....	Nov. 12-Dec. 30.....	24	5	Nov. 11-Dec. 5, 1922: Cases, 10; deaths, 2.
Do.....	Dec. 31-Jan. 6.....	2	1	
Concepcion.....	Oct. 17-Nov. 27.....		8	
Talcahuano.....	Nov. 12-Dec. 23.....	10	6	
China:				
Antung.....	Nov. 13-Dec. 10.....	7		
Manchuria—				
Harbin.....	Nov. 20-26.....	7		
Cuba:				
Matanzas.....	Dec. 25-31.....	1	1	
Czechoslovakia:				
City—				
Prague.....	Nov. 19-25.....	1		
Province—				
Ruthenia.....	Oct. 1-31.....	1		

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

Reports Received from December 30, 1922, to February 9, 1923—Continued.

TYPHUS FEVER—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Egypt:				
Alexandria.....	Nov. 19-Dec. 31...	2	1	
Cairo.....	Oct. 1-21.....	6	4	
Germany:				
Berlin.....	Nov. 26-Dec. 2.....		1	
Coblenz.....	Dec. 10-16.....	1		
Dresden.....	do.....	1		
Great Britain:				
Glasgow.....	Jan. 7-13.....	2		
Greece:				
Leucadia.....	Jan. 17.....			Present.
Prevesa.....	do.....			Do.
Zante.....	do.....			Do.
Ireland:				
Belmullet.....	June 15-Dec. 14...	20		In county Mayo.
Mexico:				
Mexico City.....	Nov. 12-Dec. 16...	63		Including municipalities in Federal District.
Palestine.....				Dec. 5-25, 1922: Cases, 3; in northern section.
Jaffa.....	Dec. 12-18.....	2		
Jerusalem.....	Dec. 26-Jan. 1.....		1	
Persia:				
Teheran.....	Sept. 24-Oct. 24...	1		
Poland.....				Oct. 1-Nov. 18, 1922: Cases, 1,015; deaths, 74. Recurrent typhus: Cases, 1,265; deaths, 32.
Portugal:				
Oporto.....	Oct. 15-Dec. 2....	1	1	
Rumania:				
Bucharest.....				To Jan. 31, 1923: Cases, 96; deaths, 13.
Chisinau.....	Nov. 1-30.....	5		July 30-Sept. 23, 1922: Cases, 23,503.
Russia.....				Oct. 1-Nov. 30, 1922: Cases, 7. Recurrent typhus: Cases, 4.
Esthonia.....				
Libau.....	Dec. 24-30.....	1		
Lettonia.....	Oct. 1-31.....	19		
Ukraine.....	Jan.-Sept.....	307,329		
Ukraine, Tartar Republic and Siberia.	June 1-30.....	35,926		Provisional figures.
Do.....	July 1-31.....	17,262		Do.
Do.....	Aug. 1-31.....	6,864		Do.
Do.....	Sept. 1-30.....	2,388		Do.
Spain:				
Barcelona.....	Nov. 30-Dec. 27...		3	
Syria:				
Aleppo.....	Dec. 10-16.....	1	1	
Turkey:				
Constantinople.....	Nov. 27-Dec. 2.....	3		
Union of South Africa.....				Oct. 1-Nov. 30, 1922: Colored—cases, 1,986; deaths, 184; white—cases, 7; deaths, 2.
Cape Province.....				Oct. 1-Nov. 30, 1922: Colored—cases, 1,799; deaths, 146; white—cases, 3; deaths, 1.
Do.....	Dec. 3-9.....			Outbreaks.
Natal.....				Oct. 1-Nov. 30, 1922: Colored—cases, 107; deaths, 27; white—cases, 2.
Do.....	Dec. 3-9.....			Outbreaks.
Orange Free State.....				Oct. 1-Nov. 30, 1922: Colored—cases, 58; deaths, 6; white—cases, 2; deaths, 1.
Transvaal.....				Oct. 1-Nov. 30, 1922: Colored—cases, 22; deaths, 5.
Johannesburg.....	Nov. 1-30.....	3	6	

YELLOW FEVER.

West Africa:				
Senegal.....				Reported present Dec. 21, 1922.
Saltpond.....				Do.
Warrai.....				