

DEPARTMENT OF COMMERCE AND LABOR

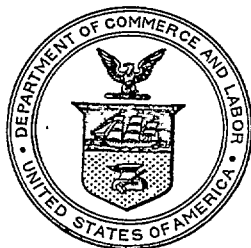
BUREAU OF THE CENSUS

E. DANA DURAND, DIRECTOR

BULLETIN 104

MORTALITY STATISTICS: 1908

GENERAL DEATH RATES * CAUSES OF DEATH *
OCCUPATIONAL MORTALITY * SECOND DECEN-
NIAL REVISION OF THE INTERNATIONAL
CLASSIFICATION OF CAUSES OF DEATH



WASHINGTON
GOVERNMENT PRINTING OFFICE

1909

BULLETINS OF THE PERMANENT CENSUS.

1. Geographical distribution of population.
2. Cotton ginned in the United States, 1899 to 1902.
- *3. Street and electric railways.
4. A discussion of increase of population.
- *5. Central electric light and power stations.
6. Mineral industries of Porto Rico.
7. Estimates of population of the larger cities: 1901, 1902, 1903.
8. Negroes in the United States.
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- *10. Cotton ginned in the United States, 1899 to 1903.
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13. A discussion of age statistics.
14. Proportion of the sexes in the United States.
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- *34. ——— Montana, N. Dakota, S. Dakota, and Wyoming.
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NOTE.—Bulletins in this list, except those marked with an asterisk (*), may be obtained upon application to the Director of the Census.

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LETTER OF TRANSMITTAL.

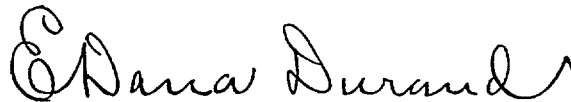
DEPARTMENT OF COMMERCE AND LABOR,
BUREAU OF THE CENSUS,
Washington, D. C., September 21, 1909.

SIR:

I have the honor to transmit Census Bulletin 104, on Mortality Statistics, 1908. It presents some of the most important data relating to general death rates, causes of death, and occupational mortality for the registration area during the year 1908 in advance of the more detailed presentation which will appear in the annual report. The report itself, Mortality Statistics, 1908, will appear at an earlier date than formerly, and the publication of this early bulletin is possible on account of the promptness with which state and city registration officials are now making returns of deaths to this Bureau. It contains also the official English translation of the Second Revision of the International Classification of Causes of Death, Paris, 1909, which will be in force for the mortality statistics compiled by this Bureau and by the registration states and cities of the United States, beginning January 1, 1910.

The bulletin was prepared by Dr. Cressy L. Wilbur, chief statistician for vital statistics of this Bureau.

Very respectfully,



Director.

HON. CHARLES NAGEL,
Secretary of Commerce and Labor.

MORTALITY STATISTICS: 1908.

INTRODUCTION.

This is the first bulletin prepared upon the annual returns of deaths from the registration area of the United States. Its publication will precede that of the annual report (Mortality Statistics: 1908) by some time, and will enable the most important results of the registration of deaths for the year 1908 to be utilized without waiting for the fuller analysis and comparison of data in the regular report. The timely issue of such a bulletin was not possible until the transcripts of death certificates were returned monthly instead of yearly from the registration states and from the larger registration cities in the nonregistration area. The substitution of monthly for yearly returns permitted much of the preliminary work of compilation to be done during the calendar year covered by the statistics, and thus the compilation for the year has been completed more promptly than in the past. This was brought about by the cordial cooperation of state and city registrars with the Bureau of the Census. In some instances state laws were amended for this purpose. Doubtless the few states not now affording monthly returns will soon appreciate the advantages of this requirement.

SOURCES OF DATA.

The *registration area* of the United States, which embraces those states and separate cities accepted as having approximately complete registration of deaths based upon the requirement of compulsory burial permits, consists, for the year 1908, of the following states:

California.	Massachusetts.	Rhode Island.
Colorado.	Michigan.	South Dakota.
Connecticut.	New Hampshire.	Vermont.
Indiana.	New Jersey.	Washington.
Maine.	New York.	Wisconsin.
Maryland.	Pennsylvania.	

Of these, Washington and Wisconsin were added for 1908 and now for the first time appear in the list of registration states. The District of Columbia (city of Washington) and 74 cities in nonregistration states, together with the registration states, make up the aggregate registration area, whose total estimated population for the year 1908 was 45,028,767, or over one-half (51.8 per cent) of the

total estimated population of continental United States (86,874,990). The total number of deaths returned for the year was 691,574. It thus appears that the United States, although not possessing the general national system of registration of vital statistics found in other countries, is nevertheless in receipt of a vast mass of registration returns, whose annual compilation is of great service to sanitarians. Unfortunately there are as yet no Southern registration states, and thus only a small proportion of the colored population of the country is represented in the returns received.

EXTENSION OF THE REGISTRATION AREA.

The growth of the registration area from the time that the first transcripts of deaths from actual registration records were received in 1880 to the present time is shown in the following table:

YEAR.	Population of continental United States.	POPULATION OF REGISTRATION AREA.	
		Number.	Per cent.
Census year 1870-1880.....	50,155,783	8,538,366	17.0
Census year 1880-1890.....	62,622,250	19,659,440	31.4
Census year 1890-1900.....	75,994,575	28,807,269	37.9
Calendar year 1900.....		30,765,618	40.5
Calendar year 1901.....	77,292,021	31,292,130	40.5
Calendar year 1902.....	78,589,669	31,908,655	40.6
Calendar year 1903.....	79,922,397	32,536,989	40.7
Calendar year 1904.....	81,261,856	33,135,453	40.8
Calendar year 1905.....	82,574,195	33,757,811	40.9
Calendar year 1906.....	83,941,510	40,996,317	48.8
Calendar year 1907.....	85,532,761	41,758,037	48.8
Calendar year 1908.....	86,874,990	45,028,767	51.8

The addition of Ohio for the year 1909 has still further increased the percentage of the population reporting to 55.2, and some other areas may be included for the calendar year 1910, for which year direct comparisons can be made of the mortality statistics with the population enumerated by the Thirteenth Census. It is very desirable that those states which require burial permits, but which have not yet been admitted as registration states, should enforce more thoroughly the existing laws, and that cities in nonregistration states should adopt or enforce this requirement of burial permits, so that as large an addition as possible can be made to the registration area for the year 1910. An important part of the work of the Bureau of the Census is to secure for this purpose the adoption of better laws and the more effective enforcement of existing laws.

MORTALITY STATISTICS.

SUMMARY OF RESULTS.

The text of this bulletin is divided into three parts: (1) General discussion of the gross returns; (2) causes of death; and (3) relation of occupations to deaths. Besides the text tables, reference may be made to the general tables, the first three of which give detailed data concerning the total number of deaths, death rates, color, month of death, age, and important causes, for each of the main subdivisions of the registration area, the registration states, and all registration cities; the fourth of which compares for the past five years the deaths and death rates for each of the causes of death given in the present form of the International Classification; and the remaining tables are devoted to the relations of causes of death and occupations as reported for the year.

DEATHS AND DEATH RATES FOR THE YEAR 1908.

The total number of deaths returned for the year 1908 from the entire registration area was 691,574, and the death rate was 15.4 per 1,000 of estimated population. For the preceding year the number of deaths was 687,034, or only 4,540 less than the number returned for 1908, although the registration area for the latter year was increased by the addition of the two new registration states, Washington and Wisconsin. The year 1908 was a year of remarkably low mortality throughout the United States, so far as can be determined from the available registration records, and was marked by a general absence of severe epidemics and of unusual mortality from other causes. In Table 1 death rates are presented for all the registration states and cities for which estimates of population are available, and the low rates shown for practically all parts of the country are very noticeable. In a few exceptions, where the rates are somewhat higher, deaths of nonresidents or deaths in institutions may affect the local rates.

DEATHS BY SEX AND AGE.

The distribution of the deaths returned for 1907 and 1908 may be examined with respect to sex and age in the following table.

Females contributed a slightly larger proportion of the deaths in 1908 than they did in 1907, and the actual number of deaths of males registered for 1908 was less than for 1907. The figures for age show a somewhat increased per cent of deaths of infants under 1 year for 1908, but the ratios for each of the individual years from 1 to 4 are identical for 1907 and 1908. A close agreement appears in the subsequent quinquennial periods, although the distribution is slightly more favorable for 1908 for the ages 15 to 49 years.

Nearly one-fifth of all of the deaths that occurred were those of infants under 1 year of age, and over one-fourth are of children less than 5 years of age. The brute force of the figures representing the actual deaths is more impressive, however, than any ratios or than the rates of infant mortality, even if the latter could be computed in the absence of proper registration of births: There were more than one-eighth of a million (136,432) deaths of babies under 1 year of age in about one-half of the total population of the United States in 1908, and nearly 200,000 (*fully* 200,000 with allowance for defective returns) deaths of little children under 5 years of age in the same aggregate of population. It is a matter of conjecture, in the absence of reliable registration of deaths for the remaining half of the country, whether these figures, if doubled, would represent the approximate number of deaths at these ages in the entire United States.

SEX AND AGE.	1907		1908	
	Number of deaths.	Per cent.	Number of deaths.	Per cent.
Aggregate.....	687,034	100.0	691,574	100.0
Sex:				
Male.....	375,990	54.7	375,497	54.3
Female.....	311,044	45.3	316,077	45.7
Age:				
Under 1 year.....	131,110	19.1	136,432	19.7
1 year.....	27,565	4.0	27,893	4.0
2 years.....	12,019	1.8	12,415	1.8
3 years.....	7,694	1.1	7,739	1.1
4 years.....	5,446	0.8	5,446	0.8
Under 5 years.....	183,774	26.8	189,865	27.5
5 to 9 years.....	15,287	2.2	15,822	2.3
10 to 14 years.....	10,513	1.5	10,588	1.5
15 to 19 years.....	18,359	2.7	18,145	2.6
20 to 24 years.....	27,876	4.1	27,137	3.9
25 to 29 years.....	29,415	4.3	28,635	4.1
30 to 34 years.....	30,174	4.4	29,056	4.2
35 to 39 years.....	32,844	4.8	31,188	4.5
40 to 44 years.....	31,233	4.6	30,566	4.4
45 to 49 years.....	32,652	4.8	32,717	4.7
50 to 54 years.....	33,610	4.9	34,128	4.9
55 to 59 years.....	34,360	5.0	34,738	5.0
60 to 64 years.....	39,297	5.7	39,417	5.7
65 to 69 years.....	41,499	6.0	41,506	6.0
70 to 74 years.....	41,265	6.0	41,306	6.0
75 to 79 years.....	36,429	5.3	37,419	5.4
80 to 84 years.....	26,778	3.9	27,219	3.9
85 to 89 years.....	14,352	2.1	14,787	2.1
90 to 94 years.....	4,697	0.7	4,862	0.7
95 years and over.....	1,380	0.2	1,502	0.2
Unknown.....	1,240	0.2	901	0.1

The general death rate of a country is largely dependent upon its infant mortality, because the death rates of infants and young children are high and they affect a relatively numerous element of the population. Exact study of the incidence of disease upon infancy and childhood is most important, and it is imperatively necessary that there should be more effective registration of births throughout the United States for this purpose. The extremely important rate known as "infant mortality" is the ratio of deaths of infants under 1 year of age, not to population, but to the number of children born alive during the year. This most important ratio should be readily available for the comparative study of deaths of infants in all of our states and

cities, but in the great majority of them, unfortunately, the registration of births is worthless, and ratios calculated upon the returns would be deceptive and unreliable.

The possibility of great saving of human life during infancy and early childhood is emphasized by the estimates made by Prof. Irving Fisher, on the basis of independent medical opinions, for his Report on National Vitality to the National Conservation Commission,¹ as to the "ratio of preventability (postponability), i. e., ratio of 'preventable' deaths from cause named to all deaths from cause named" for certain diseases of early life. Out of every 100 deaths that occur from each disease in which the median age at death is under 5 years, there could be prevented the following numbers: Premature birth, 40; congenital debility, 40; venereal diseases, 70; diarrhea and enteritis, the most important cause of infant mortality, 60; measles, 40; acute bronchitis, 30; bronchopneumonia, 50; whooping cough, 40; "croup" (which means diphtheria), 75; meningitis, 70; diseases of larynx other than laryngitis, 40; laryngitis, 40; diphtheria (under its proper appellation), 70; scarlet fever, 50. Other diseases especially fatal to infants and children would perhaps show equally great ratios of preventability; they do not appear in the above list because their median ages are above the limit chosen or because, as is the case with "convulsions," they are grouped with other and incongruous causes. The possible saving of life for "general, ill-defined and unknown causes (including 'heart failure,' 'dropsy,' and 'convulsions')," median age 35 years, is 30 per cent. The median age of "convulsions" alone is less than one year, and it is probable that at least the ratio of preventability of diarrhea and enteritis (60 per cent) would apply to it. The term is an indefinite one, being expressive merely of the symptoms attending the true cause of death, nevertheless no fewer than 6,450 deaths were compiled therefrom for 1908, although, in compilation, any other definite cause is preferred. The term is no longer employed by well-informed physicians in reporting causes of death, and it is possible, by inquiry made by the local registrar immediately after the receipt of this and other unsatisfactory statements, to practically

eliminate them from the returns, as has lately been done for Chicago.

In the light of the figures quoted above it would seem that practical sanitation has only made a beginning in the work of preventing the occurrence of infant and child mortality. The ground has only been scratched over. Deep stirring of the soil and thorough cultivation of all of the means available, with our present scientific and medical knowledge, for the guarding of young human lives would produce startling, and from all past human experience almost unbelievable, results. Public health, as a function of government, is itself only a creation of the middle part of the last century, dating from the utilization of the knowledge available as a result of the operation of the English laws for the registration of vital statistics (1837). Even in England, however, no systematic efforts have been made until very recent years to utilize to their utmost possibilities the facts already known. The infant mortality of England was higher for the years 1896 to 1900 than for the years 1861 to 1865, and no marked reduction in the early rates occurs until the present decade. It is time that greater attention be given to the subject in the United States. For the accomplishment of effective work in this direction, the prompt registration of all births and the more careful and precise statement of causes of death by physicians are essential. Such terms as "convulsions," "marasmus," "debility," and the like should no longer be tolerated when the true cause of death can be determined. Professor Fisher concludes that of all the diseases of infancy (having median age 1), 47 per cent may be prevented, and of the diseases of childhood (having median age 2 to 8), 67 per cent may be prevented, on the basis of our present knowledge of sanitary measures. This would mean, applied to the 200,000 deaths of infants and children in the registration area, or the possible 400,000 deaths of these classes in the United States, a saving of at least 100,000 or 200,000 lives *each year*, respectively. It does not seem unreasonable, when we consider the fact that there is apparently no reason why infants, if *properly born* (and this means simply the prevention of antenatal disease and the improvement of the health and conditions of living of their parents), should die at all in early infancy or childhood except from the comparatively small proportion of accidents that are strictly unavoidable.

¹ Bulletin of the Committee of One Hundred on National Health, being a Report on National Vitality, its Wastes and Conservation, prepared for the National Conservation Commission, by Prof. Irving Fisher, of Yale University, Member of the Commission. July, 1909.

DEATHS BY COLOR AND NATIVITY.

The general distribution of the deaths in the registration area by color and nativity may be compared for the past two years in the following table:

COLOR, NATIVITY, AND PARENT NATIVITY.	1907		1908	
	Number of deaths.	Per cent.	Number of deaths.	Per cent.
Aggregate.....	687,034	100.0	691,574	100.0
White.....	640,971	93.3	645,562	93.3
Native.....	456,194	66.4	464,085	67.1
Both parents native.....	227,301	33.1	231,745	33.5
One or both parents foreign.....	164,956	24.0	171,637	24.8
Parentage unknown.....	59,589	8.7	56,683	8.2
Parentage not stated.....	4,368	0.6	4,020	0.6
Foreign.....	174,270	25.4	171,834	24.9
Unknown.....	10,507	1.5	9,643	1.4
Colored.....	46,063	6.7	46,012	6.7
Negro.....	43,302	6.3	43,113	6.2
Indian.....	1,120	0.2	1,306	0.2
Chinese.....	958	0.1	984	0.1
Japanese.....	683	0.1	609	0.1

For each year 93.3 per cent of all deaths were those of white persons, a fact which shows the unequal division of the registration area in this respect. Maryland is the only registration state with a considerable proportion (23.6 per cent) of colored population. Nearly one-fourth of all deaths registered are those of persons born outside of the United States. The states having the largest proportions of native-born Americans are the ones in which it is the most difficult to secure the passage of effective registration laws. The true American mortality is thus not fully represented in the registration area, although over two-thirds of the deaths registered are those of native-born persons and one-third are of native-born with native parents. A detailed statement of the number of decedents of each color may be found, for the main subdivisions of the registration area, the registration states, and all registration cities of 8,000 population and over in 1900, in Table 1.

DEATHS BY MONTH OF OCCURRENCE.

Table 1 also presents for the principal subdivisions of the registration area, registration states, and registration cities a statement of the number of deaths from all causes registered for each month of the year 1908. This table shows the deaths as for the months in which they actually occurred, not the months in which they may have been registered. It has been the practice of some registration offices in presenting tables of deaths by months to give the deaths registered during the month, as distinguished from the deaths actually occurring during the month, some of which are not registered until the first few days of the month following. Such monthly compilations of reported deaths would not agree with the compilation made by the Bureau of the Census from the individual

transcripts, nor would the state or city reports agree when the monthly totals of reported deaths are consolidated to form the annual report. As a rule, the discrepancies from this cause are trifling in numerical amount, but they prevent the precise agreement which should be expected in statistical compilations based upon the same original data. Under the Rules of Statistical Practice adopted by the registration officials of the United States (see Mortality Statistics, 1907, page 490), the actual deaths are to be accepted as the basis of statement, and special regulations are now in force relative to transcripts made for the Bureau of the Census so that exact agreement shall be secured in this respect.

A general idea of the monthly and seasonal occurrence of deaths can be obtained from the gross figures, although, for exact comparisons, the varying lengths of the calendar months must be taken into consideration. The difference is marked between the number of deaths registered for the month of maximum mortality (January, 67,763) and that of minimum mortality (June, 49,701), but detailed comparisons, involving climatic considerations, are preferably made for individual states and cities.

DEATH RATES FOR REGISTRATION STATES.

The first measure of comparative mortality is the general death rate or the ratio of the deaths that occurred to the population affording them. A comparison of general death rates makes no allowance for differences in the sex and age constitution of the inhabitants of the state and country, and it must be remembered that a community which has an excessive proportion of infants or of old persons will have normally higher death rates than one in which the usual proportion exists; also that states and cities which have been rapidly growing by the influx of young adults, in the healthiest periods of life, will show crude death rates much below the average. Through ignorance or neglect of this fact, many absurd claims, such as being the "healthiest city" or the "healthiest state," have been made, based on the very low death rates sometimes presented. Gross death rates of soldiers have even been compared with the rates of ordinary populations, and invidious comparisons, that a little more knowledge of the proper use of such rates would prevent, are frequent. On the other hand, undue suspicion has sometimes attached to very low rates which are quite justifiable when the age and sex constitution of the community is considered. At their best, however, the death rates computed for a year so remote from the last census of population (1900), and therefore dependent upon *estimates* of the number of inhabitants in each state and city, must be used with discretion, and it is far safer to employ them for the important purpose of detecting the variations in the

SUMMARY OF RESULTS.

mortality of individual states and cities during a series of years than for the exact comparison of the mortality of different states and cities.

The following table gives the death rates per 1,000 of estimated population for the registration states during the past five years and for the quinquennial period 1901 to 1905:

REGISTRATION STATE.	NUMBER OF DEATHS FROM ALL CAUSES ¹ PER 1,000 OF POPULATION.					
	Annual average: 1901 to 1905.	1904	1905	1906	1907	1908
Total.....	15.9	16.4	15.9	16.1	16.4	15.3
California.....	(²)	(²)	(²)	17.4	18.6	18.4
Colorado.....	(²)	(²)	(²)	15.9	17.6	17.0
Connecticut.....	16.0	15.9	16.5	16.7	17.1	15.4
Indiana.....	13.0	13.5	12.8	12.5	12.5	12.3
Maine.....	16.0	16.5	16.2	16.2	16.6	16.0
Maryland.....	(²)	(²)	(²)	15.7	16.1	15.5
Massachusetts.....	16.6	16.3	16.8	16.6	17.5	16.5
Michigan.....	13.3	13.6	13.5	14.3	13.9	13.8
New Hampshire.....	16.4	16.0	17.0	17.3	17.1	16.3
New Jersey.....	16.1	16.9	15.8	16.2	16.6	15.4
New York.....	17.1	18.0	17.0	17.1	17.5	16.3
Pennsylvania.....	(²)	(²)	(²)	16.5	16.5	15.7
Rhode Island.....	17.8	17.2	17.1	17.5	18.0	16.2
South Dakota.....	(²)	(²)	(²)	8.8	9.8	10.1
Vermont.....	16.2	16.0	17.0	16.8	16.2	16.0
Washington.....	(²)	(²)	(²)	(²)	(²)	14.8
Wisconsin.....	(²)	(²)	(²)	(²)	(²)	11.6

¹ Exclusive of stillbirths.

² Nonregistration.

The death rate of the registration states (15.3), which is slightly lower than that for the entire registration area (15.4), is the lowest on record, and is probably the lowest death rate that has ever occurred in the United States. The death rate of the rural portions of these states was even lower (14), that of the urban population (16.5), which term includes all cities having 8,000 or more inhabitants in 1900. The civilized world has indeed arrived at an era of low mortality. Such rates would have seemed quite out of the question a few years ago. That of England and Wales for 1908 was only 14.7 per 1,000 of population and of London for the same year only 13.8. For each year since 1903 the death rate of England and Wales has been less than 16 per 1,000, with the exception of 1904 (16.2), while no rates as low have been recorded for any previous years of registration.

The death rates of the individual registration states vary for the year 1908 from 18.4 for California to 10.1 for South Dakota. But California, and also Colorado (17), suffer unduly in comparison with the other states from the fact that many invalids from other parts of the country resort to them for cure, so that a considerable proportion of the mortality assigned to them on the basis of deaths actually occurring is due to the mortality of recent residents. At the present time, and until a general plan can be adopted for the proper distribution of deaths of recent residents, the figures

must be understood to be somewhat less favorable than the incidence of mortality of the resident population. Even as it is, however, the rates are not high ones, and the total variation from South Dakota (10.1) to California (18.4) is less than that among the great towns of England, for example, for 1908: Hornsey (8.3), Oldham (19.8). The range of mortality is not excessive, and there are no rates so low as to be *per se* unworthy of credence. It is probably true, however, that the registration of deaths in South Dakota is not as complete as that in Massachusetts, and the increase in the death rate of South Dakota from 8.8 for 1906 to 10.1 for 1908 does not necessarily imply an actually higher mortality, but merely more thorough enforcement of the law.

With the exception of South Dakota, all the registration states for which data are presented for more than a single year showed lower rates for 1908 than for 1907, and in several instances the rates for 1908 were the lowest on record, at least since fairly accurate registration has been in effect. For Massachusetts a comparison of the rates given in the state reports since 1851 shows that, with the single exception of the rate in 1904 (16.3), the rate in 1908 (16.5) is the lowest.

DEATH RATES OF LARGE CITIES.

Similar comparisons, which should be used with like caution, may be made of the death rates of the larger cities of the United States—those with 100,000 of population or over in 1900—in the following table:

REGISTRATION CITY.	NUMBER OF DEATHS FROM ALL CAUSES ¹ PER 1,000 OF POPULATION.					
	Annual average: 1901 to 1905.	1904	1905	1906	1907	1908
San Francisco, Cal.....	20.9	20.8	20.1	(²)	(²)	(²)
Denver, Colo.....	19.3	19.6	19.2	21.1	23.5	23.6
New Haven, Conn.....	17.5	17.2	18.7	19.1	18.6	16.9
Washington, D. C.....	20.6	20.8	20.5	20.5	20.3	19.3
Chicago, Ill.....	14.3	13.8	13.8	14.2	15.3	14.0
Indianapolis, Ind.....	15.2	16.3	14.1	14.6	15.2	13.5
Louisville, Ky.....	18.6	19.8	18.1	18.2	18.1	16.0
New Orleans, La.....	22.6	22.3	23.7	21.7	24.0	22.7
Baltimore, Md.....	19.7	20.1	19.6	19.4	19.9	18.3
Boston, Mass.....	18.8	18.3	18.5	18.9	19.2	19.1
Fall River, Mass.....	20.3	19.6	19.9	19.7	22.5	22.1
Worcester, Mass.....	16.8	16.2	17.7	17.8	19.6	17.4
Detroit, Mich.....	15.2	14.9	14.4	17.0	16.5	15.6
Minneapolis, Minn.....	10.2	9.6	9.4	10.3	10.4	10.3
St. Paul, Minn.....	10.0	10.0	10.0	10.3	10.6	10.1
Kansas City, Mo.....	17.2	19.7	16.9	15.3	18.0	16.8
St. Joseph, Mo.....	7.7	7.9	7.6	8.2	9.2	8.3
St. Louis, Mo.....	17.8	18.8	16.9	15.6	15.7	14.5
Omaha, Nebr.....	11.1	11.5	10.8	11.4	12.4	12.1
Jersey City, N. J.....	19.3	20.8	19.0	19.5	19.5	17.8
Newark, N. J.....	18.7	19.5	17.7	19.2	19.5	17.3
Paterson, N. J.....	16.9	18.0	16.6	17.7	16.1	16.2
Buffalo, N. Y.....	15.5	16.0	15.6	16.6	17.1	15.9
New York, N. Y.....	19.0	20.1	18.4	18.6	18.7	16.8
Bronx borough.....	20.9	21.5	20.3	21.9	21.1	20.1
Brooklyn borough.....	18.2	18.8	17.6	18.0	18.2	16.3
Manhattan borough.....	19.5	21.2	18.8	18.5	18.7	16.7
Queens borough.....	16.1	16.1	16.1	17.3	17.8	15.9
Richmond borough.....	19.0	20.4	19.2	20.0	21.2	19.6

¹ Exclusive of stillbirths.

² Population not estimated.

REGISTRATION CITY— continued.	NUMBER OF DEATHS FROM ALL CAUSES ¹ PER 1,000 OF POPULATION.					
	Annual average: 1901 to 1905.	1904	1905	1906	1907	1908
Rochester, N. Y.	14.6	15.0	15.3	15.5	16.2	14.6
Syracuse, N. Y.	14.5	15.2	15.5	15.5	15.9	16.5
Cincinnati, Ohio.	19.3	20.8	19.2	20.8	18.5	18.5
Cleveland, Ohio.	15.5	15.4	14.7	16.0	16.2	14.2
Columbus, Ohio.	15.9	16.9	15.7	16.2	16.6	16.4
Toledo, Ohio.	14.1	13.7	13.7	14.7	14.7	14.0
Allegheny, Pa.	18.4	17.8	18.8	17.9	17.3	(²)
Philadelphia, Pa.	18.2	18.8	17.7	19.3	18.7	17.4
Pittsburg, Pa.	20.7	19.8	20.0	19.9	19.2	³ 16.5
Scranton, Pa.	16.3	17.9	18.2	16.5	15.9	16.5
Providence, R. I.	18.3	18.5	17.5	18.7	19.3	16.8
Memphis, Tenn.	18.3	19.5	17.9	17.6	19.0	17.5
Milwaukee, Wis.	13.2	13.6	13.0	14.5	14.4	13.6

¹ Exclusive of stillbirths.² Annexed to Pittsburg, December 9, 1907.³ Includes Allegheny.

The cities in the preceding table are arranged in order of states, so that comparisons can be made con-

veniently of those located in the same parts of the country. Of the 35 cities for which rates are presented for 1908 and for preceding years, a decreased death rate is shown for 1908 in all but five instances. The rate for Denver, Colo., which, like that for Colorado as a whole, is affected by the deaths of nonresidents, increased from 23.5 for 1907 to 23.6 for 1908—an insignificant difference; the rates for Syracuse, N. Y., and for Scranton, Pa., each rose from 15.9 to 16.5; while the rate for Paterson, N. J., rose from 16.1 to 16.2. Cincinnati, Ohio, showed the same rate for each year, namely, 18.5. The five boroughs of New York also showed decreased death rates for the year; that for the Borough of the Bronx is higher than those for the other boroughs on account of the inclusion of deaths in hospitals of patients from Manhattan.

CAUSES OF DEATH.

The number of deaths and the corresponding death rates per 100,000 of estimated population from certain important causes are given for the main subdivisions of the registration area, the registration states, and individual registration cities of 8,000 population and over (census of 1900) for the year 1908 in Table 3. This table is in form similar to general Table 3 and also to the regular summary table (Table IV) of the Mortality Statistics, 1907, containing the death rates of these areas for each of the years 1903 to 1907, so that comparisons can readily be made with previous years.

For the registration area as a whole, the deaths and death rates may be examined for each of the past five years (1904 to 1908) in Table 4, which also contains the average annual number of deaths and the corresponding death rate per 100,000 of mean estimated population for the quinquennial period 1901 to 1905. This table is identical with Table III of the annual report.

The first point usually considered in connection with the mortality of the latest year of registration is whether the deaths and death rates from certain important causes were greater or less than for the year preceding. Such comparisons can be made in Table 5, which presents the figures for 1907 and 1908 for the registration area and its main subdivisions, the registration states, and the large cities of 100,000 of population and over in 1900 for the following important causes of death: Typhoid fever, measles, scarlet fever, whooping cough, diphtheria and croup, tuberculosis (all forms), cancer, heart disease, pneumonia (all forms), diarrhea and enteritis, Bright's disease, suicide, and other violence. Rates in excess of certain fairly high limits, which vary for the different diseases, are printed in bold-face type, so that the localities having excessive mortality from a given cause can be seen at a glance. As the table is arranged similarly to those of the last annual report relating to each individual disease, comparisons can readily be made

for preceding years. It should be remembered that differences in age and sex constitution, color, nativity, and other peculiarities of the population, may greatly affect the relative mortality of states and cities, and that the crude rates are therefore much better employed for the purpose of ascertaining the variations in the same area than for comparing different areas. The rates from tuberculosis in certain states and cities are high chiefly on account of the mortality of non-resident health seekers.

For the rarer causes of death, some of which, however, are of very great sanitary interest, reference may be made to Table 4. Smallpox caused 92 deaths in the registration area during 1908, corresponding to a rate of two-tenths per 100,000 of population. The deaths returned from this cause numbered 74 for 1907 and 95 for 1906. The disease is now much less prevalent than for the five-year period 1901 to 1905 which, for a considerably smaller registration area, showed an average of 1,119 deaths from smallpox per annum. Plague caused 5 deaths in the registration area in 1908 as compared with 89 for the preceding year. Two deaths were also reported from yellow fever, 1 more than the number returned for 1907. From leprosy 11 deaths occurred in 1908 and 7 in 1907. Rabies, commonly known as hydrophobia, caused 82 deaths in 1908.

A disease of increasing importance, according to the returns, is pellagra. Only 23 deaths from this disease were reported for 1908. No deaths from this cause were given for any of the preceding years shown in the table, except 1 for 1904. Undoubtedly many deaths from this disease have occurred during previous years, but the cause has escaped recognition. The number of deaths compiled, moreover, does not at all represent the actual mortality from pellagra in the United States, because nearly all of them occur in the nonregistration states of the South from which no records are received.

TYPHOID FEVER.

The total number of deaths registered from typhoid fever for the entire registration area was 11,375 for 1908 as against 12,670 for 1907. The death rate decreased from 30.3 to 25.3 per 100,000 of estimated population. The latter rate is the lowest yet recorded in any of the annual reports and marks a phenomenally favorable condition with respect to infection by the typhoid germ. The decrease was general throughout the registration area, but was greater in the registration cities, for which the rate declined from 32.9 per 100,000 of population in 1907 to 25.8 for 1908, than in the rural parts of registration states, for which the decrease was only from 26 to 24.3. Of the 15 registration states for which rates are available for the two years, 8 showed decreased death rates from this disease, namely, California, Colorado, Connecticut, Indiana, Maryland, New Jersey, New York, and Pennsylvania, and 7 showed increased mortality for the latter year, usually of small amounts: Maine, Massachusetts, Michigan, New Hampshire, Rhode Island, South Dakota, and Vermont. For 1908 no state showed a rate equal to or above the limit of 50 deaths per 100,000 of population and only 2 of the large cities—Denver, Colo. (54.8), and Columbus, Ohio (110.5)—exceeded this amount, while for 1907, 2 states, Colorado and Pennsylvania, and 7 of the large cities—Denver, Colo.; Louisville, Ky.; New Orleans, La.; Allegheny, Philadelphia, Pittsburg, and Scranton, Pa.—exceeded this limit.

The reduction of the amount of typhoid fever in Allegheny and Pittsburg, Pa., is especially notable. For 1907 the death rate from typhoid fever per 100,000 of population was 96.9 for Allegheny and 130.8 for Pittsburg, and these rates were not exceptionally high for those cities, in which the use of polluted water had been the recognized source of a large number of deaths from this disease year after year. For 1908 the death rate of the present city of Pittsburg, which includes the former city of Allegheny, annexed on December 9, 1907, was only 46.6 per 100,000 of population. Part of this may be due to the unusually favorable character of the year, but a large part is undoubtedly due to the use of the filtering plant recently completed.

Cincinnati, Ohio, for a similar reason, also shows a marked decrease in the typhoid fever death rate from 46.4 in 1907 to 18.6 for 1908. That all of the mortality from typhoid fever is not due to the water supply and that a considerable portion of it may be due to other sources, such as contamination of food by flies and the like, is suggested by the fact that the death rate from typhoid fever in Washington, D. C., shows a slight increase for the year as compared with that preceding, namely, from 35.5 to 39.4. The lowest death rates of the large cities presented in Table 5 are

those of Worcester, Mass. (10.5); Jersey City, N. J. (9.7); Paterson, N. J. (9.5); Richmond borough, New York (9.2). All the other large cities have death rates from this disease exceeding 10 per 100,000 of population, and the average death rate of registration cities in this country from typhoid fever is over 25 per 100,000 of population for even such a favorable year as 1908. The possibilities of reduction of even these favorable rates are suggested by comparison with death rates from enteric (typhoid) fever taken from the statistics of Scottish, Irish, Colonial, and Foreign cities, in the Annual Summary for 1908, published by the Registrar-General of England and Wales: London, 5; Edinburgh, 2; Glasgow, 8; Paris, 8; Rotterdam, 5; The Hague, 1; Copenhagen, 7; Stockholm, 1; Berlin, 4; Hamburg, 4; Dresden, 6; Breslau, 5; Munich, 3; Vienna, 4. Other cities have higher rates, but there are no cities given in the Registrar-General's list with rates as high as the average of American registration cities in a most favorable year (25.8), except St. Petersburg (126), Moscow (56), Milan (38), Montreal (33), and Toronto (28).

MEASLES.

Measles caused 4,611 deaths in 1908 as compared with 4,302 in 1907. As the registration area was increased by the addition of Washington and Wisconsin for 1908, the increase of 309 deaths represents a slightly decreased death rate, namely, from 10.3 to 10.2 per 100,000 of estimated population. These figures for measles thus serve to call attention to the fact that, because of changes in the registration area, minute comparisons can not be made directly between the number of deaths returned for the two years, but that comparisons are preferably made by means of the death rates, which take cognizance of the increased population represented by the returns.

The only state showing unusually high mortality from this disease was South Dakota, for which the death rate was 21.1 per 100,000 of population. The highest mortality among the large cities was that of Fall River, Mass. (45.2), closely followed by Pittsburg, Pa. (45.1). The death rate of the Borough of the Bronx (61.4) is not properly chargeable to the borough on account of deaths in hospitals of patients brought from other parts of the city.

As compared with previous years the mortality for 1908 from measles was not excessive, although slightly above the average for the quinquennial period 1901 to 1905 (9.1). International statistics show a much higher death rate from this disease in London (31), Edinburgh (23), Glasgow (96), Dublin (42), Belfast (48), Paris (18), Brussels (26), Amsterdam (32), St. Petersburg (102), Moscow (44), Trieste (44), Berlin (14), Vienna (46), and Rome (100). While the total death rate is less than half that of typhoid fever, the mortality of the latter is distributed over a longer

period of life, the average age at death being about 30 years, while the average age at death of persons succumbing to measles is less than 4 years and the median age is less than 2 years. Specific death rates computed on the class most largely affected, mainly young children under 5 years of age, would show much higher rates of mortality.

SCARLET FEVER.

For 1907 the death rates from measles and scarlet fever were identical for the registration area (10.3), but while the death rate of measles (10.2) was slightly lower for 1908, that of scarlet fever (12.4) was slightly higher. Colorado showed rates exceeding 20 deaths per 100,000 for each of the two years, although the death rate decreased from 36.5 for 1907 to 28.2 for 1908. New York was the only other state showing a rate (20.5) slightly above the limit chosen. The highest death rate among the large cities from scarlet fever was that of Scranton, Pa. (71), followed by Jersey City, N. J. (42.3), although the Borough of the Bronx, with its hospitals, had apparently a higher rate (43.3). The mortality from scarlet fever was markedly high in the large cities of Massachusetts, New Jersey, and New York, with the exception of Rochester and Syracuse in the last-named state.

In the tables of international statistics presented by the Registrar-General, foreign cities with high rates for the year are Montreal (21), Toronto (20), Rotterdam (38), St. Petersburg (41), Moscow (38), Prague (31), Budapest (32), and Trieste (30).

WHOOPIING COUGH.

Whooping cough caused 4,969 deaths in 1908 and 4,856 in 1907 in the registration area, but the death rate declined from 11.6 to 11 on account of the additions to that area. The mortality was quite uniformly distributed throughout the main subdivisions, although greater variation is shown among the registration states and cities. Colorado had the highest death rate from whooping cough of any of the registration states (22.3). That state also had the highest mortality from scarlet fever and typhoid fever, and a high mortality from measles and diphtheria and croup. Among the large registration cities only 3, Denver, Colo. (21.3), Fall River, Mass. (22.6), and Memphis, Tenn. (21.1), exceeded the limit of prevalence with which the children's diseases are compared (20).

Whooping cough is of much greater importance as a cause of death in the cities of northern Europe than in this country. The death rate of London for 1908 (20) is lower than that of any preceding year or quinquennial period given in the Registrar-General's Annual Summary, and the rates of the following cities exceed the limit used in Table 5: Edinburgh (33), Glasgow (62), Dublin (24), Belfast (35), Montreal (28), Amster-

dam (21), Copenhagen (37), St. Petersburg (27), and Hamburg (24).

DIPHTHERIA AND CROUP.

The total number of deaths from diphtheria and croup returned for the registration area, as occurring during the year 1908, was 10,052, or 102 less than the number returned for the preceding year. As the population of the registration area for 1908 was somewhat greater than that for 1907, owing to the additions to the registration area, the death rate decreased from 24.3 for 1907 to 22.3 for 1908. The death rate for the latter year was the lowest rate recorded since the beginning of the annual reports on mortality. As it has been suggested that diphtheria might be taken as a measure of sanitary efficiency, owing to the fact that deaths from this disease are largely preventable, this decrease may be considered a very satisfactory indication of the general sanitary condition of the country. In this connection it may be stated that the term "diphtheria and croup" does not refer to two separate and distinct diseases, but simply to the one disease properly designated diphtheria. The use of the word "croup" is a relic of old-time pathology; it is chiefly employed by the less progressive class of physicians, and by the laity who do not understand its identity with diphtheria.

The decrease in the death rate from diphtheria was general in all the main subdivisions of the registration area, as shown in Table 5, and in all the registration states except California, Colorado, New Hampshire, Rhode Island, South Dakota, and Vermont. The amounts of increase in these states were slight, except in Colorado, whose death rate from this disease increased from 21.5 per 100,000 of population in 1907 to 28.4 in 1908; Rhode Island, from 24.8 in 1907 to 29.5 in 1908; and South Dakota, where an increase from 16.8 to 21.8 was shown.

During 1908 none of the large registration cities showed a death rate equal to or over 50 per 100,000 from diphtheria and croup, which is the limit formerly employed in the annual reports to call attention to areas having high death rates from this disease. In the present bulletin the reduced limit of 40 is employed, and it is hoped that, as modern efficient health administration prevails and the free supply of antitoxin becomes more general, it will be possible to lower the limit from time to time as diphtheria tends to become a practically extinct disease like typhus fever. As it is, only 2 of the larger cities in 1908 had rates above 40 per 100,000, namely, Denver, Colo. (45.8) and Worcester, Mass. (44.8). The aggregate death rate of the city of New York (39.4) was slightly below the limit.

The mortality from diphtheria and croup was very low in the foreign cities, whose statistics for 1908 are presented in the Annual Summary of the Registrar-General. The highest death rates are those of Toronto

(74), Montreal (34), St. Petersburg (48), Moscow (33), Christiania (28), Berlin (27), and Dresden (37). London had a rate of only 15; Paris, 7; Sydney, 7; Melbourne, 10; Amsterdam, 7; Budapest, 13; and Rome, 16. The lowest rate given is that of Edinburgh, which was only 5 per 100,000.

TUBERCULOSIS (ALL FORMS).

The total number of deaths resulting from all forms of tuberculosis for the registration area for 1908 was 78,289, of which 67,376 were from tuberculosis of the lungs, 698 from tuberculosis of the larynx, 4,218 from tuberculous meningitis, 2,723 from abdominal tuberculosis, and the remainder from minor tuberculous affections, such as Pott's disease, tuberculous abscess, white swelling, tuberculosis of other organs, or those returned as general tuberculosis. There were also 120 deaths from "scrofula," a disease which should be properly included with tuberculous disease.

The total number of deaths returned from all forms of tuberculosis for 1908 exceeded the number returned for 1907 or for any previous year of registration, although direct comparison can not be made on account of the large increase of the registration area in 1906 and the slight increase in 1908.

The death rates per 100,000 of population show a considerable decline for 1908 (173.9) as compared with 1907 (183.6) or any of the previous years given in Table 4.

From Table 5 it appears that the death rate from all forms of tuberculosis showed a decline in all of the main subdivisions of the registration area and also in each of the registration states, except Colorado, Rhode Island, and Vermont. In the two latter the amounts of increase were very small and for Colorado, as well as for California, it must be remembered that many deaths from tuberculosis are those of nonresidents who resort to the climate for the cure of tuberculous disease. The high rates for the cities in Colorado and in the South, and also for the Borough of the Bronx, N. Y., should be interpreted in connection with the knowledge that many deaths of nonresidents or hospital patients are included. It is probable that the great attention that has been given to the prevention of tuberculosis, through the International Congress on Tuberculosis held at Washington in 1908, and the organization of many state and local societies, has already begun to have its effect upon the mortality from this disease, and though an abrupt diminution in the death rate can hardly be expected, a moderate and continued decline from year to year will be highly suggestive of the efficiency of the measures now being actively employed.

CANCER.

The crude death rates from cancer continue to increase and slightly higher rates are recorded for each main subdivision of the registration area. For the

year 1908, 33,465 deaths from this disease were returned, and the death rate was 74.3 per 100,000 of population as compared with 30,514 deaths and a death rate of 73.1 for 1907. Ten of the 15 registration states show increased death rates and 5, namely, Connecticut, Maine, New Hampshire, Rhode Island, and Vermont, show slightly lower rates for the last year. The rates of all of the latter states are high, however, dependent largely upon the relatively high age distribution of the population, which is an important factor in cancer mortality. A decrease is evident in the number of the larger cities showing rates in excess of the limit indicated in the table (80 per 100,000 of population), only 12 being above this rate for 1908, as compared with 16 for the preceding year. Many deaths recorded in cities from this disease are those of persons from the surrounding country who resort to city hospitals for operation, so that the true mortality from this disease can not always be definitely judged.

HEART DISEASE.

The total number of deaths from heart disease compiled for 1908 was 60,038, the largest number ever recorded for the registration area. The death rate, however (133.3 per 100,000 of population), was somewhat lower than that for 1907 (141.7). The term "heart disease" includes many deaths that are not certainly due to organic disease of the heart, although the deaths reported from "heart failure" are not compiled under this designation, but are assigned to the ill-defined and unknown causes. Nevertheless, many deaths that should be reported under other causes are apt to be included under this head, especially those of a sudden character in which no post-mortem examination is held to ascertain the true cause of death.

In Table 5 the rates from this cause in excess of 175 per 100,000 of population are designated by bold-face type. Only 3 states—California (193.8), New Hampshire (181.3), and Vermont (190.6)—and 2 of the larger cities—Washington, D. C. (195), and Worcester, Mass. (178.4)—exceeded this limit. As shown in Table 4, heart diseases have been increasing in importance as causes of death, the rates for each of the last five years being greater than the average for the five-year period 1901 to 1905 (124.9).

PNEUMONIA (ALL FORMS).

The disease properly designated as pneumonia is the lobar or croupous form, but many deaths from this cause are returned simply as "pneumonia," with no special qualification, so that it is uncertain whether they are really deaths from lobar pneumonia or from bronchopneumonia. It is desirable that greater care should be used by physicians in reporting bronchopneumonia and lobar pneumonia, but in the meantime it becomes necessary to compare the total deaths

from all forms of pneumonia in order to show the variation in mortality for the past two years.

In Table 5 the total number of deaths from all forms of pneumonia for 1908 is given as 61,259, a decrease of over 6,000 from the preceding year (67,320). The death rate fell from 161.2 for 1907 to 136 for 1908, and a decreased death rate is noted for each of the main subdivisions of the registration area. By reference to Table 4 it will be seen that the death rate from pneumonia for 1908 was lower than that for any other of the past five years and much below the average for the quinquennial period 1901 to 1905, which was 159.3. The principal decrease, as shown in this table, is in the number of deaths returned from lobar and unqualified pneumonia, the death rate for which was for 1908 only 98.8 as compared with 126.2 for the five years 1901 to 1905. The rate (37.2) for bronchopneumonia was slightly higher for 1908 than that for the five-year period (33.1).

All the registration states, for which data are presented in Table 5, show decreased death rates from pneumonia for 1908 as compared with the preceding year, except only Colorado and South Dakota, in which very slight amounts of increase appear.

The majority of the larger registration cities also show lower rates from this cause, and some of the rates are phenomenally low. The only exceptions to the rule of decreased death rates are Denver, Colo.; Fall River, Mass.; St. Paul, Minn.; Omaha, Nebr.; Paterson, N. J.; Cincinnati, Ohio; and Scranton, Pa. The amounts of increase are small, except for Fall River, Mass. (219.6 to 264.3), and Scranton, Pa. (141.7 to 178.3).

DIARRHEA AND ENTERITIS.

There were 52,213 deaths from diarrhea and enteritis at all ages returned from the registration area for 1908 as compared with 48,739 returned for 1907. The death rate, however, slightly decreased, namely, from 116.7 to 116, owing to the increased population of the registration area. The rate for the year was somewhat higher than the average for the five-year period 1901 to 1905 (109.8), although it must be remembered that the latter rate relates to the registration area in its former extent before the additional territory of 1906 and 1908 was included.

The great majority of the deaths from this disease or aggregation of diseases are of infants under 2 years of age, more especially those nourished otherwise than at the breast. The enormous extent of the mortality of infants from diarrheal diseases may be inferred from the fact that the aggregate death rate, over four-fifths of which is due to deaths of infants under 2 years of age, exceeds 1 per 1,000 of the total population and ranks in the same class for general effect on the death rate as heart disease and pneumonia, diseases whose influence is felt upon all periods of age.

It is unfortunately impracticable to estimate the actual population under 2 years of age so that direct

comparisons can be made. As there is little or no satisfactory registration of births with which the infant mortality from this cause can be properly compared, it is difficult fully to appreciate the great importance of diarrhea and enteritis as a destroyer of infantile life and to present comparable figures therefor. Even as measured upon the scale of the total population, the limit used in Table 5 is a high one (150 per 100,000 of population) and the rates of some cities, especially Fall River, Mass. (380.1), and Scranton, Pa. (208.9), greatly exceed it. The mortality from this disease, due largely to filth and lack of care, is concentrated into a few of the late summer and early fall months, at which time the specific incidence of this disease upon the special age period chiefly affected is extremely high.

BRIGHT'S DISEASE.

Bright's disease, which, as presented in Table 5, includes only the deaths returned from the presumably chronic forms of the disease, with the exclusion of acute nephritis, caused 39,519 deaths in 1907 and 39,203 in 1908, and the death rate decreased from 94.6 to 87.1 per 100,000 of estimated population. The reason for the apparent discrepancy in the amount of decrease is the fact that additional population whose death rate from this disease was below the average was added to the registration area. All of the main subdivisions of the registration area showed reduced death rates for 1908 and fewer of the larger registration cities showed rates above the limit (135 per 100,000 of population), which corresponds very well with the 150 employed in the last annual report for nephritis and Bright's disease conjoined.

SUICIDE.

Suicide apparently caused many more deaths in 1908 than in 1907 or in any previous year given in Table 4. The increase from the number compiled for 1907 (6,745) to the number for 1908 (8,332) is especially marked, and the death rate also rose from 16.2 to 18.5. A similar increase occurred in each main subdivision of the registration area, and all the registration states, except South Dakota, showed higher death rates for suicide for 1908 than for 1907.

The same increase in the death rate is noted in the majority of the larger registration cities, the exceptions being Washington, D. C.; Indianapolis, Ind.; Louisville, Ky.; St. Louis, Mo.; Newark, N. J.; Rochester, N. Y.; Syracuse, N. Y.; Cleveland, Ohio; Pittsburg, Pa.; Memphis, Tenn.; and Milwaukee, Wis. Columbus, Ohio, showed the same rate, a high one (32.9), for each year. The number of deaths from this cause is not very great as compared with other causes, and hence the ratios are susceptible to considerable variations from slight numerical changes. Moreover, owing to a progressive improvement in regard to the

proper reporting of deaths from suicide, many deaths that would formerly have been returned without specification of the true cause are now designated as suicides and compiled as such.

It is likely that all suicides are not yet properly returned as such, so that the apparent increase in the death rate from this cause may continue, although the actual ratio of suicides may remain unchanged. It seems probable, however, from the general distribution of increased mortality in all parts of the country, that some actual increase in the proportion of deaths from suicide occurred in 1908, but not to as large an extent as the figures would indicate.

OCCUPATIONS AND CAUSES OF DEATH.

The relation of occupation to mortality is one of the most important and also one of the most difficult subjects of vital statistics. Difficulties are met with even when the investigation is confined to the aggregate death rates of the various occupations, and are even more in evidence when the effects of individual causes of deaths are to be considered. After a given mass of statistical returns of deaths is subdivided with reference to individual occupations, and the deaths by occupations again subdivided with reference to causes of death, it is evident that, except for the most common occupations and the most common causes of death, the statistical groups are likely to become so much reduced in size as to be unreliable for the computation of rates.

An inherent difficulty in the compilation of reliable statistics of the mortality of occupations is that the data are derived from two different and largely independent sources. The returns of deaths received from registration states and cities are copies of the original certificates of death, upon which the statements in regard to the occupations of decedents may be made by the relatives or friends, by the undertakers, or by the attending physicians. The occupations of the living population are stated by the census enumerators in more or less strict compliance with detailed instructions prepared for their use. It is evident that the accuracy of statement may vary greatly in the two sets of returns, notwithstanding which fact the only method of obtaining the death rates and derived "mortality figures" of occupations is by the direct comparison of the mortality and population returns.

Such a comparison was made for the census year 1900, and the results may be found in the Vital Statistics of the Twelfth Census, Part I. Owing to the peremptory requirement of the census law that the principal reports should be published within two years after the date of enumeration, and the fact that mor-

ACCIDENT.

The total number of deaths from accident compiled for 1908 (44,089) was less than the number compiled for the preceding year (45,803). Owing to the addition of new registration territory the death rate decreased in greater proportion, namely, from 109.7 for 1907 to 97.9 for 1908. All the main subdivisions of the registration area showed lower death rates from violent causes, as did all the registration states except Indiana and Vermont, in which slight amounts of increase appeared. A general decrease in the deaths from violence may also be observed among the larger cities shown in Table 5.

tality rates for occupations could not be computed until the detailed data for population were at hand, the investigation was confined to the returns from the registration states. The aggregate population of the registration states for that year was 17,444,280, consisting of 8,701,245 males and 8,743,035 females. The total number of deaths of males aged 10 years and over was 104,511, of which number 83,815, or 80.2 per cent, were reported as having gainful occupations. Of females aged 10 years and over there were 99,510 deaths, 13,203, or 13.3 per cent, of the female decedents being gainfully employed.

In the interval of seven years since the above report appeared, there has been urgent demand for more information in regard to the relation of occupation to mortality, and the tables presented in this bulletin have been prepared to meet this demand as far as possible, and more particularly to pave the way for more complete and accurate statistics of the mortality of occupations than have heretofore been available. Much work must be done before fully satisfactory results can be obtained, for it is true of all classes of statistical investigation that the completed results can not rise above their source, and when the source is seriously or fatally defective in accuracy the resulting statistics will be questionable.

The occupational data presented in this bulletin, and which will be given in somewhat fuller detail in the annual report on Mortality Statistics for 1908, are derived from the compilation of all of the deaths of persons aged 10 years and over returned from the entire registration area for the year 1908. The aggregate population of this area was estimated, according to the usual method employed by the Census, at 45,028,767 persons, or 51.8 per cent of the total estimated population of continental United States. The distribution of the decedents returned by sex, with specification of the number returned as having been gainfully

employed at each age period, may be seen in the following table:

AGE PERIOD.	DEATHS IN THE REGISTRATION AREA: 1908.					
	Male.			Female.		
	Total.	Occupation stated.		Total.	Occupation stated.	
		Number.	Per cent.		Number.	Per cent.
All ages.....	375,497	196,207	52.3	316,077	26,205	8.3
Total 10 years of age and over.....	262,859	196,207	74.6	223,028	26,205	11.7
Under 10 years.....	112,638			93,049		
10 to 14 years.....	5,437	215	4.0	5,151	85	1.7
15 to 19 years.....	9,317	5,433	58.3	8,828	2,267	25.7
20 to 24 years.....	14,503	11,999	82.7	12,634	3,543	28.0
25 to 34 years.....	31,642	27,366	86.5	26,049	4,997	19.2
35 to 44 years.....	35,741	30,632	85.7	26,013	4,220	16.2
45 to 54 years.....	39,120	33,192	84.8	27,725	4,101	14.8
55 to 64 years.....	41,460	33,301	80.3	32,695	3,852	11.8
65 years and over.....	84,961	53,741	63.3	83,710	3,117	3.7
Unknown.....	678	328	48.4	223	23	10.3

The number of deaths of occupied males 10 years of age and over (196,207) is more than double the number (83,815) included in the last compilation, but the per cent which such deaths form of all deaths reported (74.6) is less than the corresponding per cent for the year of the Twelfth Census (80.2). This may be due to a decreased accuracy of statement of occupations upon the original certificates of death, to the fact that a certain proportion of the mortality returns for 1900 were derived from or corrected by the enumerators' schedules, or perhaps to an actually larger number of unemployed for the year 1908. The deaths of females aged 10 years or over are nearly twice as many as those previously compiled, but the ratio of deaths of employed females to the total deaths shows a similar decrease (13.3 per cent to 11.7 per cent).

Although the volume of the returns is thus considerably greater than for the last compilation of occupational mortality statistics, one of the two essential factors is wanting to the production of definitive mortality rates by occupations. The population, by occupations, can not be estimated for a year so remote from the date of the last general census. It is not practicable to estimate even the total number employed in each occupation, much less their distribution by periods of age. In fact, it has seemed unwise to attempt to estimate even the sex and age distribution of the general population; all census estimates have been confined to total population, and employed solely for the purpose of temporary computations of crude death rates, which will be duly corrected as soon as the returns for the next census are available.

If, then, it is impossible to compute accurate rates of occupational mortality on the basis of the data obtainable, it may be asked whether it is worth while to present the figures contained in the present bulletin. The answer is that such figures of relative mortality,

although based solely upon the returns of deaths, afford much information of practical sanitary value, which may be safely used as a guide to the prevention of excessive ratios of mortality in certain occupations from various diseases, e. g., tuberculosis, or from accidents. They are frequently suggestive and point the way to more conclusive investigations. Moreover, at the present moment, when a concerted effort is to be made by sanitary and statistical authorities and by the organized medical profession to improve the quality of registration returns of deaths with respect to the statement of the occupations of decedents, it is desirable to have a compilation for a recent year prior to the attempt at improvement, to serve as a basis for measurement of the results obtained.

CLASSIFICATION OF OCCUPATIONS.

Another and even more cogent reason for the present compilation of causes of death and occupations is the use that may be made of the data for the purpose of determining a more satisfactory classification of occupations for the presentation of mortality statistics. The classification employed in this bulletin is the same as that under which the statistics of occupations in relation to deaths were presented for 1900. It consists of 8 general classes and 66 individual titles for males, and 14 individual titles for females, not including the terminal "all other occupations" for each sex. The titles are intended to correspond as closely as possible to fairly well-defined specific occupations, just as the titles in the tabular list of causes of death are intended to represent definite diseases. The introduction of the 8 general classes necessitated 6 residual titles, under which "others of this class" are included. They have no specific value, and, like the residual titles of the list of causes of death, may be neglected for statistical study, since they do not relate to any definite occupation. There are in reality therefore only 60 distinct occupations in the statistical classification that has been employed by the Census for mortality statistics of males. This number may seem small, but it should be recalled that in the Supplements relating to occupational mortality prepared by the Registrar-General's Office of England and Wales—our great source of exact information relating to this subject—there were, for the compilation of 1890 to 1892, only 100 separate occupations; and the last compilation, for 1900 to 1902, adds only some 15 additional titles. The English reports relate solely to the occupations of males, because, in the judgment of the compilers, the material was so incomplete as to be practically worthless for the occupations of females.

These facts show the difficulty of preparing a satisfactory list of individual occupations for the study of occupational mortality. Although the English

census presents data relative to nearly 400 occupations, it was possible to give the mortality statistics of occupations for only about 100, and for some of these the returns of deaths are too few to give a reliable basis for mortality rates. In a similar way the condensed list of occupations employed for mortality statistics by the United States Bureau of the Census in 1900 and in the present bulletin for 1908 may be compared with the more extended list of 303 occupations employed for the analysis of the occupations of the population.¹ Many of the individual occupations found in the population census would not be returned upon certificates of death, so that the direct comparison of the population and mortality returns would be impracticable in some cases. Both the condensed mortality classification of occupations (60 titles) and the more extended population classification (303 titles) are in reality reduced from the much more extensive list of individual terms designating occupations, just as the titles of the tabular list of causes of death in the International Classification include many individual names of diseases which are not separately stated in the statistical tables.

What is needed, both for the mortality statistics and for the population statistics, is a list containing all the more important individual occupations, and with an exact statement of the terms included under each of its titles. Such a list is being prepared by the Bureau of the Census, based on the terms employed by the census enumerators in 1900 in reporting the occupations of the general population. For the purpose of securing a satisfactory adjustment of this list to the requirements of mortality statistics a recent compilation of the occupations reported on the certificates of death is necessary. Such a compilation will, moreover, furnish a means of determining the comparative value for mortality statistics of the old and the new classifications of occupations. For this reason the occupations of decedents returned for the year 1908 have been compiled according to the classification employed for mortality statistics in 1900, and for 1909 a similar compilation will be made in accordance with the full classification (303 titles) made use of for 1900 in the population report on occupations. Direct comparisons can thus be made of the value of the two systems, and with the suggestions resulting from the comprehensive study of the constituent terms of the population returns, it is hoped that a more complete and satisfactory classification, or rather *list* of specific occupations, can be prepared for the use of the Thirteenth Census in its reports upon the population of the United States by occupations for 1910, and also for the compilation of the mortality statistics of occupations beginning with the same year. It is true of all "classifications" of occupations,

as it is of those of causes of death, that the *classification* in its ordinary sense of constituting more or less theoretical groups of related titles is of no practical consequence. What is demanded for practical use is the establishment and exact definition, by the full statement of included terms, of a standard list of specific occupations, concerning which the wayfaring man, as well as the expert statistician, is informed. The occupations listed should be sufficiently numerous and distinctive in character, conditions of employment, environment, and other factors of a remediable or avoidable nature, so that exact knowledge of their effect in injuring health and causing death may lead to practical sanitary improvement.²

It need not be said, therefore, that the classification of occupations employed in this bulletin is not especially commended. Certain titles are fairly definite, while others are too comprehensive and include very dissimilar employments. By the aid of criticism, in connection with the more detailed classification that will be shown for the following year (1909), a far more satisfactory list of occupations can be devised for use, beginning with the compilation for 1910.

RELATIVE MORTALITY OF OCCUPATIONS FROM CERTAIN CAUSES.

The total number of deaths of occupied persons compiled for the year 1908 is shown for males in Table 6 and for females in Table 7, by periods of age, and for certain important causes of death. The more extended list of causes of death, which will be used in the annual report, is presented in the following table, which shows for each cause and each sex the total number of deaths and the number and per cent formed of such deaths by the employed.

The relative importance of different diseases in occupational mortality is largely affected by differences in age distribution. This is roughly indicated by comparison of the average and median ages at death for a few causes. Thus, without distinction of sex, the average age at death of persons dying of typhoid fever in the registration area was, for 1906, 28.2 years and the median age was 25.5 years; the average and median ages of decedents from tuberculosis of the lungs were 35.5 and 33.3 years, respectively; from cancer, 58.5 and 59.4 years; from apoplexy, 63.6 and 66.8 years; from paralysis, 67.6 and 71.1 years; from heart disease, 58.8 and 63.2 years; from bronchopneumonia, 16.2 and 1.4 years; from pneumonia (lobar and unqualified), 35.5 and 36.7 years; from Bright's disease, 56.5 and 59.3 years; from suicide, 43.5 and 42.2 years; and from total violence, 34.7 and 33 years. The average age is obtained by multiplying the number of deaths at each age by that age and dividing the sum of the resulting products by

² See papers by the chief statisticians of the Bureau of the Census for population and vital statistics in the quarterly publications of the American Statistical Association, June, 1909.

¹ Occupations at the Twelfth Census, 1904.

the total number of deaths. The median age is that age at which the decedents are equally divided, one-half being older than the median and the other half younger. Where the incidence of a disease is fairly uniform throughout life the average and median ages approximately agree, but where the deaths are concentrated in the earlier ages, as is the case of bronchopneumonia, there may be wide divergence. The great economic value of life-saving from tuberculosis of the lungs is indicated by the fact that of all deaths of males from tuberculosis, 77.3 were deaths of males gainfully employed, whereas in the case of deaths of males from all causes only 52.3 per cent were of those so employed. For females the corresponding percentages are 18.8 and 8.3, respectively.

CAUSE OF DEATH.	DEATHS IN THE REGISTRATION AREA: 1908.					
	Male.			Female.		
	Total.	Occupation stated. ¹		Total.	Occupation stated. ¹	
		Number.	Per cent.		Number.	Per cent.
All causes.....	375,497	196,207	52.3	316,077	26,205	8.3
Typhoid fever.....	6,763	4,993	73.8	4,612	808	17.5
Tuberculosis of lungs.....	38,055	29,433	77.3	29,321	5,511	18.8
Cancer.....	13,046	10,091	77.3	20,419	1,970	9.6
Rheumatism.....	1,771	1,074	60.6	1,770	187	10.6
Diabetes.....	2,988	2,149	71.9	3,286	281	8.6
Alcoholism.....	2,084	1,780	85.4	264	67	25.4
Lead poisoning.....	89	81	91.0	6		
Other occupational and chronic poisonings.....	119	92	77.3	105	23	21.9
Apoplexy and paralysis.....	20,244	13,938	68.9	19,767	1,527	7.7
Other diseases of nervous system.....	17,825	5,108	28.7	13,254	661	5.0
Heart disease.....	31,518	22,573	71.6	28,520	2,637	9.2
Other diseases of circulatory system.....	11,406	7,459	65.4	9,163	756	8.3
Bronchitis.....	5,922	1,811	30.6	6,210	224	3.6
Pneumonia (all forms).....	33,645	15,023	44.7	27,614	1,835	6.6
Pleurisy.....	1,105	701	63.4	743	88	11.8
Asthma.....	705	491	69.6	608	60	9.9
Other diseases of respiratory system.....	2,895	1,411	48.7	2,311	162	7.0
Cirrhosis of liver.....	4,488	3,616	80.6	2,221	218	9.8
Other diseases of liver.....	1,783	1,287	72.2	2,438	212	8.7
Peritonitis.....	1,206	685	56.8	1,772	244	13.8
Appendicitis.....	3,140	2,093	66.7	2,149	343	16.0
Hernia.....	935	639	68.3	932	109	11.7
Other diseases of digestive system.....	36,169	5,478	15.1	32,410	860	2.7
Bright's disease.....	22,222	16,277	73.2	16,981	1,536	10.8
Childbirth.....				7,344	731	10.0
Suicide.....	6,429	5,380	83.7	1,903	454	23.9
Poisonous gases, other accidental poisonings.....	2,057	1,264	61.4	1,283	173	13.5
Other accidents and injuries.....	31,734	19,287	60.8	9,015	683	7.6
All other and unknown causes.....	75,154	21,993	29.3	69,656	3,545	5.1

¹Exclusive of deaths of children under 10 years of age.

For the purpose of this bulletin only the following causes of death, each of which (except typhoid fever) was responsible for at least 5,000 deaths of male breadwinners during the year, are shown in Tables 6 and 7: Typhoid fever, tuberculosis of lungs, cancer, apoplexy and paralysis, heart disease, pneumonia (all forms),¹ Bright's disease, suicide, other violence.

The total number of deaths from these causes of persons reported as having occupations is, for males, 138,259, and for females, 17,434, or 70.5 per cent and 66.5 per cent, respectively, of the total deaths of each sex for which occupations were stated.

¹Chiefly lobar and unqualified, not bronchopneumonia.

The number of deaths of female breadwinners from each of the specified causes except tuberculosis of the lungs is so small that anything but the most guarded use of the figures is likely to lead to some of the well-known statistical fallacies attendant upon the use of small numbers. When a few deaths are subdivided by occupations and age groups, some of the subdivisions will contain only a few deaths, and the addition of a single death might very appreciably affect any ratios based upon such a group. As the numbers increase in magnitude the probability of such merely accidental fluctuations becomes less. It is for this reason that only the causes to which were due the largest numbers of deaths are considered in this bulletin, and that occupations for which less than 1,000 deaths were returned for the year are dropped from the list of occupations. The occupations discarded for the present purpose, but which will appear in the annual report, are, with the number of deaths for 1908, as follows:

<i>Males.</i>	
Architects, artists, and teachers of art, etc.....	491
Journalists.....	304
Musicians and teachers of music.....	605
Teachers (school).....	537
Apothecaries, pharmacists, etc.....	598
Commercial travelers.....	482
Hucksters and peddlers.....	784
Hotel and boarding-house keepers.....	793
Janitors and sextons.....	925
Soldiers, sailors, and marines (United States).....	304
Brewers, distillers, and rectifiers.....	293
Cabinetmakers and upholsterers.....	917
Cigar makers and tobacco workers.....	975
Clock and watch repairers, jewelers, etc.....	346
Coopers.....	492
Glass blowers and glass workers.....	414
Hat and cap makers.....	333
Leather makers.....	397
Leather workers.....	492
Marble and stone cutters.....	835
Millers (flour and grist).....	332
Plasterers and whitewashers.....	499
Tinners and tinware makers.....	549
Boatmen and canalmen.....	227
Livery-stable keepers and hostlers.....	853
Lumbermen and raftsmen.....	717
Stock raisers, herders, and drovers.....	784

<i>Females.</i>	
Musicians and teachers of music.....	197
Stenographers and typewriters.....	389
Hotel and boarding-house keepers.....	106
Nurses and midwives.....	874
Artificial-flower and paper-box makers.....	43
Cigar makers and tobacco workers.....	159
Mill and factory operatives (textiles).....	783
Milliners.....	301
Telegraph and telephone operators.....	179

The exclusion of the occupations given above leaves 33 individual occupations for men, to which are added the 8 class totals; and only 5 individual occupations for women. It must be concluded that the statistics

of occupational mortality of women, as derived from general registration returns, are too scanty to be of special value, and hence the tables relating to the deaths of occupied females will merely be appended as supplementary to the corresponding tables for deaths of occupied males, and will not be given special discussion in this bulletin.

Examination of Table 6 or the text table with ratios on page 18 will show that the majority of deaths of occupied males occur at the period of life between 25 and 64 years, and that only at those ages and at the ages 20 to 24 years are more than 80 per cent of all males dying reported as having an occupation. The age period 65 years and over is too long to be properly brought into this comparison, and moreover includes many persons not in reality actively employed at the time of death or at the beginning of the illness which caused death. This age period will be subdivided in the next report into the periods 65 to 74, 75 to 84, and 85 years and over, which will enable the study of the effects of occupations to be carried to more advanced ages, and the question of the reporting of the occupations of persons retired from their callings will be considered. In the meantime the great bulk of the active business of life may be considered to be carried on by men from 25 to 64 years of age, and hence the four ten-year periods of life, 25 to 34, 35 to 44, 45 to 54, and 55 to 64, are selected for special study in Tables 6 to 11 in this bulletin relating to occupations. For each of these periods about 30,000 deaths of occupied males occurred, many more than for the period 20 to 24 years. Moreover, the effects of certain occupations would not begin to be definitely shown until the workers had been subjected to them for a considerable time. Hence a better idea of the relation of occupations to causes of death may be obtained from a consideration of the ages 25 to 64 than from a consideration of the entire period 15 to 64. For females, however, the earlier ages will be given special consideration in the report, because breadwinners form a much larger proportion of the female decedents aged 15 to 24 years than of the female decedents in any other age period.

Table 6 shows for males, and Table 7 for females, the number of deaths in each occupation having not less than 1,000 deaths during 1908 from each cause responsible for not less than 5,000 deaths of occupied males during the year (typhoid fever, 4,993), by the four successive ten-year age periods comprising the principal working life of men, namely, 25 to 34 years, 35 to 44 years, 45 to 54 years, and 55 to 64 years. Again, for certain occupations, the difficulty of small numbers comes in and therefore, when for any occupation the total number of deaths in one of the age periods presented falls below 200, the numbers and percentages given for that occupation in that age period are, as a warning, printed in italics. Italic figures, therefore,

indicate that the basic returns are small in number, and that the statistics are subject to aberrations and can only be depended upon when they are consistent in their indications and harmonize with similar data.¹

Table 6 includes, in addition to the actual number of deaths of occupied males described above, the per cent which the deaths from each cause bear to the aggregate deaths from all causes, classified according to the age and occupation of the decedent. Thus it appears that out of the 196,207 deaths of occupied males at all ages, 29,433, or 15 per cent, were due to tuberculosis of the lungs. This cause was responsible for 8,446, or 30.9 per cent, of the total deaths of male breadwinners dying at the ages of 25 to 34 (27,366); for 7,453, or 24.3 per cent, of the total at the ages of 35 to 44 (30,632); for 4,770, or 14.4 per cent, of the total at the ages of 45 to 54 (33,192); and for only 2,524, or 7.6 per cent, of the total at the ages of 55 to 64 (33,301). It would seem, upon superficial examination, that the mortality from tuberculosis of the lungs rapidly decreases with advancing life, inasmuch as, while the total number of deaths continues to increase, the deaths from this disease show a marked decline in number and consequently in the percentage of deaths from all causes. But owing to the facts that the population decreases as the older age periods are reached, and also that the mortality caused by other diseases assumes greater importance with advancing years, the true incidence of tuberculosis of the lungs as measured by the number of deaths per 100,000 of population exposed at each age period may remain stationary or even increase, while the actual numbers of deaths and the proportional mortality (percentage of deaths from all causes) may show a decline. This is clearly shown in the following table, comparing the deaths from consumption and phthisis, terms equivalent to tuberculosis of the lungs, with the percentages of all causes and the specific death rates at each age period:

MALES.	AGE PERIODS.				
	All ages.	25 to 34 years.	35 to 44 years.	45 to 54 years.	55 to 64 years.
United States, 1900: ¹					
Population	6,937,288	1,541,280	1,238,393	841,800	538,704
Consumption	15,690	4,616	3,507	2,164	1,330
Per cent of total	100.0	29.4	22.4	13.8	8.5
Death rate	226.2	299.5	283.2	257.1	246.9
England and Wales (1900 to 1902): ²					
Years of life (all males)	31,339,867	7,457,862	5,795,829	4,188,627	2,723,835
Phthisis (all males)	66,937	16,096	16,725	13,183	6,876
Per cent of total	100.0	24.0	25.0	19.7	10.3
Death rate	213.2	215.8	288.6	314.7	252.4
Years of life (occupied males)	29,519,574	7,337,565	5,668,233	4,024,074	2,424,456
Phthisis (occupied males)	58,463	14,913	15,550	12,235	5,241
Per cent of total	100.0	25.5	26.6	20.9	9.0
Death rate	198.0	203.2	274.3	304.0	216.2

¹ Population and deaths for registration states only; 10 years and over.

² Occupations for triennium 1900 to 1902 compared with population of 1901 multiplied by 3, thus giving the *years of life*: 15 years and over.

¹ For different use of italics in the English data, see note on Table 12.

In the registration states during the census year 1900, as is shown in the above table, 29.4 per cent of the deaths from consumption among males 10 years of age and over occurred in the age period 25 to 34 years, while only 8.5 per cent occurred in the age period 55 to 64 years; but the specific death rates for these two ages were far more nearly the same—299.5 and 246.9 per 100,000 of population, respectively. In England and Wales the per cent of the total deaths from phthisis among occupied males at least 15 years of age formed by those occurring in the age period 25 to 34 (25.5) was greater than the per cent formed by those in the age period 45 to 54 (20.9), yet notwithstanding this fact the death rate per 100,000 of population rose from 203.2 in the former period to 304 in the latter. Hence the greatest caution must be exercised in the use of Tables 6 to 11, and emphasis must be placed upon a thorough understanding of just what they do and do not mean and for what they may and may not be used:

Tables 6 to 11 contain no death rates or mortality figures for any occupation based upon the total number of persons employed in that occupation, and hence they must not be compared directly with occupational death rates or with mortality figures showing the relations of deaths to the population in which the deaths occurred.

Tables 6 to 11 show only the relative importance of the several causes of death as compared with all other causes combined at each of the specified age periods for each occupation; the relative importance of a given cause varies inversely with the aggregate of all the other causes, and if an occupation is subject to unusually high mortality from a given disease, it will depress the ratio (per cent) of every other.

Nevertheless, Table 6 conclusively shows some facts of great importance for practical sanitary purposes with reference to the relative numbers of deaths from the causes indicated at the several age periods. It is a fact, for example, that in the registration area of the United States during the year 1908, 30.9 deaths out of every 100 deaths of occupied males who died between the ages of 25 and 34 years were caused by tuberculosis of the lungs, or nearly 1 death out of every 3. It is a fact that in the age period 25 to 34 years 41.9 deaths out of every 100 deaths of bookkeepers, clerks, and copyists were from this cause; and that 40.1 per cent of the barbers and hairdressers, 40.9 per cent of the servants, 44.1 per cent of the boot and shoe makers, 49.2 per cent of the compositors, printers, and pressmen, 41.2 per cent of the tailors who died during this age period succumbed to pulmonary tuberculosis as compared with only 25.6 per cent for farmers and 5.3 per cent for miners and quarrymen. It does not follow that the death rate from tuberculosis of the lungs is in reality lower among miners and quarrymen, for example, than among printers. The very high ratio of deaths from accidents (62.1 per cent) of miners and quarrymen

would greatly reduce the *relative* importance, but not necessarily the absolute death rate, of tuberculosis for this occupation, as compared with the printers, who have only a low ratio (7.3 per cent) from external causes. It is not necessary to compare the true death rates of the various occupations from tuberculosis of the lungs to perceive the immense saving of valuable lives that would result from the prevention of tuberculosis. It is shown conclusively that for the great majority of occupations given at the younger ages, the prevention of tuberculosis is of far greater importance than the prevention of any other cause of death.

Having clearly in mind the fact that all that Table 6 attempts to do is to show the relative importance of the nine principal causes of death at each age period, it may be permissible to state the ratios there shown for each occupation in their relation to the average ratios for all specified occupations, the latter being taken as 100 per cent. Table 8 presents these derived percentages for males, and Table 9 shows similar percentages for the primary ratios for females given in Table 7. They may be read as indicating that the relative importance of tuberculosis of the lungs as a cause of death among the bookkeepers, clerks, and copyists who died in the registration area during 1908 between the ages of 25 and 34 years (41.9 per cent) was 35.6 per cent in excess of the relative importance of that disease as a cause of death among all occupied males at the same age period (30.9 per cent), this relation being expressed by the index number 135.6. During the next two decades of life, the proportions of deaths from pulmonary tuberculosis among bookkeepers, clerks, and copyists are still higher (29.6 per cent for age period 35 to 44, 16.5 per cent for age period 45 to 54) than those for any of the other causes shown, and exceed by 21.8 per cent and 14.6 per cent, respectively, the ratios of all occupied males from this disease. For the last decade, however, 55 to 64 years, only 6.9 per cent of the bookkeepers, clerks, and copyists who die perish from tuberculosis of the lungs; other causes, such as cancer (9 per cent), apoplexy and paralysis (11.1 per cent), heart disease (15.4 per cent), and Bright's disease (14.7 per cent), are more to be feared by this class of workers at that age.

For convenience of comparison the information given in Tables 8 and 9 in regard to the relative importance of the various diseases for each occupation may be arranged in tabular form with the occupations showing the greatest relative importance at the head. This is done for males in Table 10 and for females in Table 11, although the very few occupations for which even a fairly complete compilation can be made for women workers renders the latter of little value. As of special interest in this connection, and for the purpose of supplying a corrective comparison based upon actual death rates of persons occupied and population,

Table 12 has been added from the Supplement upon occupations recently published by the Registrar-General of England and Wales, and gives the highest and lowest mortality figures, as carefully elaborated by Doctor Tatham, for four important causes of death—phthisis (tuberculosis of the lungs), pneumonia, suicide, and accident. These mortality figures are based upon the English census of 1901 and the registration returns for the three years 1900 to 1902, and thus give a sufficient number of deaths for some of the smaller occupations; while they include all age periods, instead of stating separately the relative importance at successive decades, they are corrected for the differences in age distribution. Many of the occupations differ in their designations and nature from those found in this country, yet some interesting and important correspondences in the figures will be noted.

Thus in Table 10 compositors, printers, and pressmen are at the top of the list of relative proportions of deaths from tuberculosis of the lungs during the ages 35 to 44 years, second from 45 to 54 years, and fairly high, but with a small numerical basis of deaths, for the last period, 55 to 64 years. The English mortality figure for phthisis among printers is 290 as compared with 175 for all occupied males.

Again, servants show high ratios from tuberculosis in Table 10, and the laboring and servant class exceeds any other during the last two decades, 45 to 64 years. In the English statistics of Table 12 it is noticeable that the same occupations appear with high mortality figures: Inn (hotel) servant (London), 669; general laborer (industrial districts), 567; inn (hotel) servant (entire country), 533; general laborer (London), 531; general laborer (entire country), 450; innkeeper, servant, etc., in London, 443; inn (hotel) servant (industrial districts), 426; inn (hotel) servant (agricultural districts), 410; innkeeper, servant, etc., (entire country), 306; dock laborer, wharf laborer, 291; innkeeper, servant, etc., in agricultural districts, 288. With us, however, the class of "public entertainment" is consistently below the average, except for the first decade, 25 to 34 years.

In respect to tuberculosis, clergymen are at the bottom of the English list and also of the American for the only decade, 55 to 64 years, in which as many as 200 deaths occurred of this profession during 1908. According to the English figures the calling of the minister is the healthiest of all occupations, except that of the farmer, grazier, etc., in agricultural districts, the English mortality figure from all causes being only 515 for ministers as compared with 925 for all occupied males, and 2,471 for general laborers. Nevertheless, as the American figures show, subject to correction for insufficient returns, clergymen die more frequently from tuberculosis of the lungs than from other causes, as compared with the average of occupied persons, at the ages 25 to 34 years and 45 to 54 years, although somewhat less frequently at the ages 35 to 44 years.

Again, miners and quarrymen, who are unfortunately associated in a single title, are low in respect to tuberculosis in the American figures up to 55 years, then nearly at the top of the list. Miners appear to have a real immunity from tuberculosis, according to the English figures for all ages, and the sudden rise at 55 years may be due to the cessation of this arduous occupation with advancing years.

Physicians and surgeons are below the average as to tuberculosis in each decade in the United States, and at the bottom or next to the bottom of the list between the ages of 35 and 54 years; the English mortality figure, which includes retired as well as occupied medical men, is only 65, or fourth from the lowest figure given.

These are more than coincidences, and show that the ratios of comparative mortality are fairly trustworthy for many purposes, and are always suggestive; care only should be taken that they are not used for more than their special purpose, that of showing the *relative* importance of the various diseases as compared with all other causes. The proviso "other things being equal," that is, that there is no excessive mortality from other causes to disturb the ratios, should always be borne in mind in using them. For this reason no attempt has been made to present ratios for occupations at all ages, which might readily be misused; when the figures are limited to a specific age period, the individual who makes reference to them is much more likely to examine the full heading of the table and to note the limitations under which they are presented.

IMPROVEMENT OF STATEMENT OF OCCUPATION.

If information of the highest value concerning the effects of occupations upon mortality is to be obtained, greater attention must be given to a precise statement of the occupation, and the provisions upon the forms used for the registration of deaths must be such that the unskilled informant, whether a relative, an undertaker, or a physician, will be led to give adequate information in regard to the true nature of the occupation of the decedent. Unlike the question of cause of death, for which a great variety of forms has been in use in the United States, the question of occupation has almost without exception been put in the simplest way, merely the word "occupation" being used, with no explanation or instruction and no suggestions or examples of how a blank should be filled out in this respect. As an example, the form of the question upon the standard certificate of death, which has been in use by the Bureau of the Census and by many registration states and cities since 1902, is represented below:

OCCUPATION

At the first meeting of the registration officials of the United States, organized as the Section on Vital Statistics of the American Public Health Association, at Atlantic City, October, 1907, some suggestions in regard to the proper statement of occupation upon certificates of death were submitted for consideration. These were printed in the proceedings¹ of the section, and thus have been brought to the attention of registration officials and statisticians throughout the country. They are as follows:

1. An attempt should be made to secure not only the kind of occupation (e. g., laborer), but also the kind of industry (e. g., pottery).

2. For satisfactory statistics of occupational mortality, it is desirable to know the length of time employed from beginning the occupation until death.

3. In case of a recent change of occupation (—² years before death) it is desirable to know the previous occupation, which may have been the cause of change to a lighter employment and the predisposing cause of death.

4. For persons unemployed it may be important to know the last previous employment (—² years before death), as this may have contributed to invalidism or retirement, and may have been a contributing cause of death.

5. Instructions in regard to the reporting of occupations should be uniform in population, industrial and mortality schedules (certificates of death), and uniform instructions should be prepared for physicians and local registrars and enforced by state registration offices, on this basis.

6. Occupations should be stated for all decedents over ten years of age (and for decedents under ten years of age if employed in a mill, factory, or in any gainful occupation).

7. For children under ten years of age the occupation of the father (or of mother, if not supported by father) should be obtained on account of the great value of such information for a proper study of infant and child mortality.

The following form and note are submitted for criticism:

OCCUPATION (Last gainful occupation; if under 10 years, that of FATHER.)	
(Kind of work? Trade? Profession?)	From _____
	To _____ (Years only.)
(Employed in what kind of business, mill, factory? On farm, railroad, etc.)	

NOTE.—If deceased has been employed in above occupation for less than —² years, please fill out statement of LAST PREVIOUS OCCUPATION on reverse side. The complete and correct statement of occupation is most important, and informants, or physicians, are requested to make a precise statement. Local registrars should see that the blank is properly filled out in this respect.

The recommendations were referred to a special committee on occupations, which, however, made no report at the meeting in the subsequent year at Winnipeg. Nevertheless the section considered the propositions submitted and adopted two of them, Nos. 1 and 6, which, under the constitution of the section, became definite Rules of Statistical Practice of the American Public Health Association.³ It seemed wise to defer consideration of the other sug-

gestions until the meeting to be held at Richmond, Va., October 19 to 22, 1909.

In the meantime it became evident that a revision of the standard certificate of death was necessary in order that the new form could be adopted and put into effect throughout the United States with the beginning of the calendar year, January 1, 1910. As the statement of occupation forms an important part of this blank, the Bureau of the Census prepared and sent to registration officials some forms, of which the following met with general approval, and would undoubtedly be successful in securing the full statement of occupation and the special statement of industry as well when the additional information is essential for the proper definition of the occupation:

OCCUPATION
(a) Trade, profession, or special employment, _____
(b) Business or industry in which employed, _____

After the preparation of this original draft of a revised form of statement, a conference was held in regard to the final form of these questions upon the population schedule to be employed for the Thirteenth Census. The questions corresponding to those upon the proposed standard certificate were worded as follows:

Column 19.—Trade or profession of, or particular kind of work done by, this person, as *spinner, salesman, laborer, etc.*

Column 20.—General nature of industry, business, or establishment in which this person works, as *cotton mill, dry goods store, farm, etc.*

Column 21.—Whether an employer, employee, or working on own account.

As there is no particular difference between the above form and the original draft for the revised standard certificate, it is suggested that the latter be modified so that it will correspond exactly:

OCCUPATION
(a) Trade, profession, or particular kind of work, _____
(b) General nature of industry, business, or establishment in which employed (or employer?) _____

Agreement in the general use of this form will permit the carrying out of the recommendation that instructions for the reporting of occupations should be uniform in the population and in the mortality schedules. As an example of minimum instructions prepared for this purpose, which could be printed upon the back of every standard certificate of death used in the United States, the following is submitted:

Statement of occupation.—Precise statement of occupation is very important, so that the relative healthfulness of various pursuits can be known. For many occupations a single word or term on the first line will be sufficient, e. g., Farmer, Physician, Stenographer, Compositor, Architect, Locomotive engineer, Civil engineer, Stationary fireman, etc. But in many cases, especially in industrial employments, it is necessary to know (a) the kind of work and also (b) the nature of the business or industry, and therefore an additional line

¹ Quarterly Publications of the American Statistical Association, December, 1907, page 525.

² Time limit to be determined.

³ Mortality Statistics, 1907, page 489.

is provided for the latter statement; it should be used only when needed. As examples: (a) Spinner—(b) Cotton mill; (a) Salesman—(b) Grocery; (a) Foreman—(b) Automobile factory. The material worked on may form part of the second statement. Never return "Laborer," "Foreman," "Manager," "Dealer," etc., without more precise specification, as "Day laborer," "Farm laborer," "Laborer—Coal mine," etc. Women at home, without gainful employment, may be entered as "Housewife" or "At home," and children, not gainfully employed, as "At school" or "At home." If the occupation has been changed or given up on account of the DISEASE CAUSING DEATH, state occupation at beginning of illness. If retired from business, that fact may be indicated thus: "Farmer (retired, 6 yrs.)."

The use of uniform questions for the statement of occupation and identical instructions in connection therewith will add greatly to the value of the returns of the occupations of persons living and of persons deceased, and should mark the beginning of progressive improvement in the mortality statistics of occupations for this country. It is not necessarily implied that the occupational mortality should be stated by

industries in the statistical reports. The kind of work that a man performs—his trade, profession, or particular kind of employment as related to the individual—may be more important than the massing of mixed occupations under great industries. The vital statistics are of the greatest benefit for individual workers and classes of workers, and the trade, or particular kind of labor that a man performs, is of the greatest interest in this connection. In order that the kind of labor that a man performs should be definitely known, however, it is frequently necessary that the industry or business in which he is engaged should be known as well as the particular occupation in the narrow sense. Hence the provision for the general statement of industry, business, or establishment in which employed, in order to define the real nature of the decedent's occupation, which, in the absence of this information, might be too indefinite for satisfactory compilation.

SECOND DECENNIAL REVISION OF THE INTERNATIONAL CLASSIFICATION OF CAUSES OF DEATH.

The statistical classification of causes of death is a matter of fundamental importance to every registration office. Upon the uniformity and precision with which the multitudinous terms designating the causes of death as reported by physicians are assigned to the necessarily limited list of titles of the formal statistical classification, depend, to a very great degree, the accuracy and usefulness of the mortality statistics. All compilation of causes of death should be made by trained experts, according to definite rules, and under constant medical supervision, so that the necessary inquiries can be made of the reporting physicians in regard to indefinite or ambiguous statements upon certificates of death, and that more complete and correct information can be obtained when necessary to define the true cause of death.

It is evident that much of the value of the statistical tables relating to causes of death will be lost if they are not fully available for comparative purposes. A universal statistical classification of causes of death that should be used by every city, state, and country in the world that publishes mortality reports has been the hope of vital statisticians for many years. This end has not yet been attained, although there is a greater degree of correspondence between all of the national methods of classification at present than in times past, and a large number of the nations of the world have united in the use of an absolutely identical system known as the "International Classification of Causes of Death and Sickness," the second decennial revision of which has just taken place, under the auspices of the French Government, at Paris, July 1 to 3, 1909.

The Bureau of the Census was one of the first national offices in the world to employ the International

Classification for the compilation of a vast mass of statistics, the returns of deaths from the registration area of the United States for the *calendar* year 1900. Although the registration area does not extend over the entire territory of continental United States, it represented at that time a population of 30,765,618, or 40.5 per cent of the total population of the country, and the deaths compiled numbered 539,939 for the year, or more than those compiled in any other national office of the world except England and Wales (587,830), Russia (3,055,030), Germany (1,236,382), Austria (658,680), France (853,285), Italy (768,917), and Japan (914,557). All these countries have complete national registration of vital statistics. The First Decennial Revision, which was held at Paris in August, 1900, and which did not go into effect as a rule until employed for the statistics of 1901, was thus used by the Bureau of the Census for the year of revision (1900), and has been employed in the series of annual reports that began with that year, displacing the old census classification that was employed for the mortality statistics of the Twelfth Census (year ending May 31, 1900). It will be used for the next report, that for the calendar year 1909, but for the extremely important data of 1910, which will be directly comparable with the population as enumerated by the Thirteenth Census as of date April 15, 1910, the new and greatly improved Second Decennial Revision of 1909 will be employed. For that year, with possibly 60 per cent of the total population of the United States represented, the number of deaths will probably exceed those of any other national offices except those of Russia, Germany, France, and Japan. This is a vast mass of statistics, which would be truly national in character ex-

cept for the fact that the South has as yet no effective state registration.

The possibility of having the newly revised classification available for the use of the United States at the beginning of the census decade 1910 to 1919, and for the extremely important comparisons of mortality and population data for the calendar year corresponding to the approaching census of population, was brought about by requests addressed by the Bureau of the Census in 1906 to the registration authorities of the various countries that participated in the first revision, with the cordial approval of Dr. Jacques Bertillon, secretary-general of the international commission, and the acquiescence of the French foreign office. Otherwise the revision would not have occurred until 1910, and the mortality statistics of the census year would have had to be compiled according to a system soon to be discarded. As it is, the new revision is available when most needed by the United States, and the registration states and cities of this country, as well as the Federal Government, are greatly indebted to the courteous compliance of the other countries with the desire expressed for an earlier date of revision. The purpose of the decennial revision, as expressed in the original propositions therefor made by the American Public Health Association in 1898 and indorsed by the International Statistical Institute in 1899, is that the classification can be kept abreast of the constantly advancing knowledge of pathology, so that the sanitarian and physician who desires to consult the official statistics of causes of death will not be obliged to employ obsolete and discarded medical terms. For the same reason the Nomenclature of Diseases of the Royal College of Physicians of London has been revised every ten years since 1869, and the American Medical Association, through its committee on nomenclature, is planning a similar authoritative work for this country, which will likewise need to be kept up to date by periodical revisions.

REPORT OF THE CENSUS COMMISSION.

The Bureau of the Census, by its division of vital statistics, is the national registration office of the United States. It receives transcripts of the original certificates of death from all the registration states and cities and compiles the only general mortality statistics of the country. It is therefore particularly concerned in the representation of the United States in the International Commission of Revision, upon whose decisions depend the methods of compilation and presentation of the annual reports on mortality statistics for the next ten years. It has recognized, moreover, that the state and city registration officials are equally interested with the Bureau of the Census in the work of revision, because all of them (with the exception of those of a few cities) employ the International Classification in their annual reports and their weekly or monthly

bulletins of mortality. It is hoped that all cities will use the revised classification of 1909, instead of employing some local method that has no value for general comparisons, and is frequently very imperfect or even ridiculous in its arrangement. The special interest of the medical profession has also been enlisted, because upon the general approval by the physicians of the country of the forms of statistical presentation of causes of death must depend much of the usefulness of mortality reports. Moreover, the physicians of the country can not be expected to follow detailed instructions in regard to the proper reporting of the causes of death upon the certificates of death which they make out, when such instructions are based upon a system of classification and nomenclature of diseases which they had no part in framing, and of which they may not fully approve.

It is for these reasons that the Bureau of the Census has sought the cooperation of the organized registration officials and of the medical profession of the United States in the work of preparing recommendations for the revision of the statistical classification of causes of death, and for the broader and more difficult task of building up an authoritative nomenclature of diseases for the United States. The text of the last annual report, *Mortality Statistics, 1907*, shows how generously and cordially the official registrars and the committees of the American Medical Association and many other national medical organizations have cooperated for what will ultimately result in the fundamental improvement of the entire mortality statistics of the United States, and therefore, in the increased efficiency of all its sanitary agencies, national, state, and municipal.

It is especially gratifying that the Congress of the United States recognized the importance of this work and the value of the assistance of the registration officials and the medical profession in building up better mortality statistics for the United States, and made special provision for the adequate representation of the registration service of the country in the Second Decennial Commission of Revision. The paragraph relating thereto is given below, together with the full text of the law (Public—No. 1) passed at the recent special session:

SIXTY-FIRST CONGRESS OF THE UNITED STATES OF AMERICA;

At the First Session,

Begun and held at the City of Washington on Monday, the fifteenth day of March, one thousand nine hundred and nine.

[PUBLIC—No. 1.]

[H. R. 10933.]

An Act Making appropriations for expenses of the Thirteenth Decennial Census, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That there is hereby appropriated, out of any money in the Treasury not otherwise appro-

riated, for salaries and necessary expenses for preparing for, taking, compiling, and publishing the Thirteenth Census of the United States, rent of office quarters, for carrying on during the decennial census period all other census work authorized and directed by law, including purchase, rental, construction, repair, and exchange of mechanical appliances, to continue available until June thirtieth, nineteen hundred and twelve, ten million dollars.

The Director of the Census is authorized to designate three commissioners, with the status of special agents, as provided by the permanent census Act, to represent the United States in the International Commission for the Revision of the Classification of Diseases and Causes of Death, called by the Government of France to meet at Paris in July, nineteen hundred and nine, one of whom shall be chosen from the Census Office, one from the medical profession, and one from the organized registration officials of the United States. For the compensation and traveling expenses of said commissioners not exceeding two thousand five hundred dollars of the foregoing appropriation may be expended.

J. G. CANNON,
Speaker of the House of Representatives.
J. S. SHERMAN,
*Vice-President of the United States and
President of the Senate.*

Approved, June 29, 1909.
WM. H. TAFT.

Following is the preliminary report of the Census Commission appointed under the above law:

PRELIMINARY REPORT TO THE DIRECTOR OF THE CENSUS OF THE UNITED STATES CENSUS COMMISSION TO THE SECOND DECENNIAL REVISION OF THE INTERNATIONAL CLASSIFICATION OF DISEASES AND CAUSES OF DEATH, PARIS, JULY 1 TO 3, 1909.

WASHINGTON, D. C., August 2, 1909.

SIR: The undersigned, members of the special Census Commission appointed by you to attend the Second Decennial Revision of the International Classification of Diseases and Causes of Death, Paris, July 1 to 3, 1909, have the honor to submit the following preliminary report:

Two of the members of the commission, Doctor Batt, chairman of the committee on classification of the American Public Health Association, representing the organized registration officials of the United States, and Doctor Wilbur, chief statistician of the census, sailed from New York on the steamship *Kaiser Wilhelm der Grosse* June 22 and arrived at Paris on June 29. One of the members, Doctor Foster, chairman of the committee on nomenclature and classification of diseases of the American Medical Association, was, at the last moment, unable to sail, and it was then too late to provide for a substitute in behalf of the organized medical profession, which he particularly represented. Fortunately, the recommendations of his committee were in the hands of the other members of your commission in attendance on the international commission, and thus the wishes of American physicians in regard to the form of the classification under which their reports will be compiled in the United States for the ensuing ten years were given full consideration.

On arriving at Paris the first step was to secure full credentials through the kind agencies of Hon. Henry White, American Ambassador, and the State Department at Washington, for the delegates whose lateness of appointment had precluded the earlier issue of their authorizations. This was accomplished by cable and by special expedition on the part of the French foreign office, so that all of the American delegates took part in the regular proceedings of the first day's session of the international commission.

The American delegates in attendance were the following:
Dr. Frank L. Pleadwell, surgeon, United States Navy.
Prof. Walter F. Willcox, Cornell University.

Dr. H. D. Geddings, Assistant Surgeon-General, United States Public Health and Marine-Hospital Service.

Dr. William H. Guilfooy, registrar of records, city of New York.

Dr. Wilmer R. Batt, state registrar, Pennsylvania.

Dr. Cressy L. Wilbur, chief statistician, United States Census.

Twenty-one countries were represented in the international commission, which met in the spacious hall of the ministry of the interior. The labor of the delegates was greatly facilitated by the *Exposé sommaire des observations présentées par diverses autorités statistiques*, a pamphlet of 130 pages prepared by the secretary-general, Dr. Jacques Bertillon, a copy of which accompanies this report. This pamphlet contains the suggestions submitted by the various countries, except such as came up during the course of the session. A full printed report of the proceedings (*procès-verbaux*) is now in preparation by Doctor Bertillon, and will be submitted by your commission as a part of its final report.

The proceedings were harmonious and marked by full appreciation of the important principle that, in view of the inestimable advantages of international uniformity, some preferences of each of the individual countries must be subordinated in order to make the resulting classification of the greatest value to all of the countries as a whole. A very considerable number of the American recommendations were approved; especially was the entire rearrangement of deaths from violent causes, as suggested by the American delegates, adopted in principle and in a way that will aid greatly in the proper presentation of the statistics relating to this very important class of deaths.

In accordance with a resolution of the international commission, it was decided to prepare an official version of the titles in each language represented. Doctor Wilbur was selected to prepare the English translation, and was aided by the American delegates and also by Hon. G. H. Knibbs, commonwealth statistician of Australia. Precisely the same tabular list will thus be used in all English-speaking countries employing the International Classification.

In recognition of the active interest of the United States in the promotion of international uniformity, the honor of the vice-presidency of the international commission was extended to Doctor Wilbur, and he presided over one of the sessions.

The session closed on July 3, and on the following day the delegates were received by the President of France and Madame Fal-lières at the Élysée Palace. Provision was made for the calling, by the French Government, of the Third Decennial Commission of Revision, should no other arrangement be made, in 1919. It is thus insured, as originally proposed by the United States Census Bureau, that each decennial revision shall take place in the year prior to the federal census, thus enabling the latest and most acceptable classification of causes of death to be used for the census year. It is hoped that the next decennial revision, that of 1919, may be held at Washington. A suggestion to this effect was well received, although, of course, no formal invitation could be extended. The progress of American vital statistics, to which renewed impetus will be given by the action of Congress in providing for representation in this commission of the registration officials and medical men upon whom the Federal Government is dependent for its mortality data, should by that time well warrant the favorable consideration of an invitation from the American Government.

The cordial thanks of the members of this commission are due to the officials of the French Government, and especially to Dr. Jacques Bertillon, secretary-general, and M. Lucien March, *chef de la statistique générale de la France*, and to Hon. Henry White, American ambassador, for aid and courtesies extended.

Respectfully submitted.

WILMER R. BATT.
FRANK P. FOSTER.
CRESSY L. WILBUR.

HON. E. DANA DURAND,
Director of the Census.

OFFICIAL ENGLISH TRANSLATION OF THE REVISED LIST OF TITLES.

In accordance with a resolution adopted by the International Commission, it was considered desirable that an official list of titles of the revised International Classification should be prepared from the French version for each of the languages represented in the commission. This was necessary because some confusion had heretofore arisen as to the terms to be employed in various languages, and an exact and literal translation of the French might result in the inclusion in the statistical lists of terms that are entirely absent from the medical nomenclature of the country. As an example, *abcès froid et par congestion*, of the old classification, if literally translated as "abscess, cold and by congestion," presents a title that does not correspond with the medical terms ordinarily used by English-speaking physicians. The chief statistician of the Bureau of the Census was appointed by the International Commission to prepare the English list, and for valuable assistance thanks are due to Doctor Pleadwell and other American delegates and to Hon. G. H. Knibbs, commonwealth statistician of Australia, as well as to Doctor Bertillon personally, in whose office at Paris a part of the work was performed. The English list was made originally on the basis of the first copy of the revised list prepared by Doctor Bertillon, and as some changes were noted in a second list received after returning to the United States, it may be that a few minor corrections will appear in the final and definitive list which will be published in the annual report on Mortality Statistics, 1908.

In adapting the first revision of the International Classification to the use of the Bureau of the Census some of the titles were considerably simplified and various subdivisions were made in order to give special information in regard to certain causes of death not separately stated in the international list. For the Second Decennial Revision, however, this practice will be followed only in part. The full official English translation of the titles of the International Classification will be used without any change or alteration for the principal tables of causes of death. Each title will be preceded by its serial number, so that easy reference can be made to the statistics of individual causes by statisticians in other countries who are not familiar with the English language. Many of the numbers have remained unchanged, so that title No. 1 stands for typhoid fever, title No. 79 for organic diseases of the heart, etc., just as they have since 1900 in every country using this system. This is a great practical convenience and insures accuracy in consulting foreign reports. It is recommended that all the American states and cities use the full international titles, preceding each with its list number. Of course, for many purposes, selected titles may be taken from the general list, in which case it is desirable also that

the list number should be retained; or if two or more titles are combined, the basis of the union should be stated plainly, so that it will be known just what international titles are involved. For use in bulletins and for certain purposes in annual reports where a condensed list of diseases is advisable, the abridged form of the International Classification may be used.

It should be understood by physicians and pathologists who examine the titles of the revised International Classification that it is necessary for statistical purposes that many indefinite and unsatisfactory terms be retained because physicians still continue to report deaths thereunder. It is planned to publish and distribute to physicians and local registrars in the United States a pamphlet containing the titles of the International Classification, showing which of them are proper terms according to the present ideas of medical nomenclature, and also containing information as to more specific statements that should be required relative to certain causes. For example, "cancer" is an indefinite term. The physician should specify carcinoma, sarcoma, or other form of malignant neoplasm, and if this were done, it would be practicable to present tables showing the distribution of the definite forms of malignant disease. In practice, however, so many deaths are reported simply as "cancer" that the attempted distinction in statistical tables is of little value, and hence the second revision, like the first one, does not undertake to make it. This is no reason, however, why local registrars should not endeavor to obtain statements of a more specific character whenever possible in regard to deaths from malignant growths.

The International Classification is elastic. While providing a fixed form for the statistical titles of the tabular list and a specified order of arrangement of those titles, it is entirely consistent with its principles to employ various different subdivisions of the titles when such are considered necessary. As an example, for the mortality statistics of the United States Army, the Surgeon-General requires minute differentiations in the monthly reports of sick and wounded in regard to malaria. Malaria constitutes a single title (No. 4) of the International Classification, with one subdivision for the special statement of deaths from malarial cachexia when these are sufficiently numerous to require such a statement to be made. The Surgeon-General subdivides the title as follows:

4. Malarial fevers:
 1. Nonmalignant infection.
 - a. Intermittent.
 - b. Remittent or continued.
 2. Malignant (estivo-autumnal) infection.
 - a. Intermittent.
 - b. Remittent or continued.
 - c. Pernicious.
 - 2½. Undetermined infection.
 - a. Intermittent.
 - b. Remittent or continued.
 3. Malarial cachexia.
 4. Hemoglobinuric fever.

Such minuteness would, of course, be entirely impracticable in general mortality returns, although extremely desirable when, as in the case above, the reports are made by army surgeons who can be required to make the specific distinctions desired; yet the aggregate of the various forms of malaria returned is exactly equivalent to title 4 of the International Classification and is thus fully comparable with the civil records compiled under this system. For the census tables certain subdivisions will be made of various titles of the International Classification, as, for example, title 92, pneumonia, will be subdivided into deaths returned from (a) lobar pneumonia and its definite synonyms, such as croupous pneumonia, and deaths returned simply from (b) pneumonia, without further definition. These latter, in many instances, may have been bronchopneumonia. Dr. John Tatham, medical superintendent of the Registrar-General's office of England, makes a similar differentiation in the forms of pneumonia, specifying also epidemic pneumonia, although the nomenclature of the Royal College of Physicians gives only pneumonia as the accepted term. The orthography of the list, which differs somewhat from that previously used in the annual reports, is that recommended by the committee on nomenclature of the American Medical Association.

Lastly, in examining the general form of the "classification," it should be remembered that the scientific *classification* of diseases, in the primary sense of the word, is a thing apart from the object of this list, which is merely a *list* of causes of death, arranged by international agreement for use in mortality tables. The use of the word "list" in this connection is strongly recommended by such eminent authorities as Dr. Arthur Newsholme and Dr. John Tatham, and follows the practice of the latter in the tables of causes of death in the annual reports of the Registrar-General of England, wherein only the individual causes are presented and the so-called classes or groups of diseases are dispensed with. A motion to dispense with the "classes" in the international system nearly prevailed at Paris, but the general opinion favored the retention of the "classification," as a mere skeleton upon which to arrange the all-important individual titles, for at least one decade more. In the annual reports on mortality statistics prepared by the Bureau of the Census very little attention will be paid to the "classes" of diseases in future, and the word "classification," which is familiar to registration officials and statisticians in the special sense of a mere tabular arrangement of causes of death (see *Mortality Statistics, 1907*, page 22), will be abandoned more and more in favor of the terms "list" or "tabular list." The full statement of the individual terms embraced under each of the titles of the list of causes of death will be published as soon as the official French report

is available, thus furnishing for the revised classification what will correspond to the Manual of International Classification of Causes of Death which was published by the Bureau of the Census in 1902 and is now generally in use by all the registration offices of the United States in connection with the present system.

CLASSIFICATION OF DISEASES PREPARED BY THE INTERNATIONAL COMMISSION.

(Paris, July 1 to 3, 1909.)

GENERAL NOTE.—The diseases which appear only in the returns of sickness and not as causes of death are printed in *italics*; they bear the same numbers as those of the causes of death to which they are the most closely related, and are only distinguished by the letters "A," "B," etc., so that the same numbers may be preserved in each classification. Meningitis is allowed to remain in its former position in order to preserve unchanged a large number of old numbers. The title numbers designated by an asterisk (*) are those that remain the same as before the revision. [The remark upon meningitis refers more particularly to cerebrospinal fever (synonym, epidemic cerebrospinal meningitis), which, in the second revision of 1909, as in the first revision of 1900, is retained under diseases of the nervous system, in connection with meningitis (unqualified), instead of being transferred to general diseases.]

The statistics of causes of death should be presented with as full detail as possible with respect to age, and with at least the following groups: 0 to 1 year; 1 to 19 years; 20 to 39 years; 40 to 59 years; 60 years and over. The second group should be divided whenever possible into 1 to 9 years and 10 to 19 years.

Principal changes made in the classification of 1900 (causes of death).

Eighteen new titles have been added, as follows: Beriberi, acute military tuberculosis, rickets, neuritis, ankylostomiasis, chyluria, and twelve additional titles for deaths from violence. Nine titles have been suppressed and eight transposed, nevertheless the former numbers have been preserved for 110 titles. The numbering has been changed for present titles 24 to 38, 72 and 73, 85 to 118, 121 to 127 (56 titles in all), and for title 164 and those following, except title 167.

OFFICIAL ENGLISH TRANSLATION.

(Diseases and causes of death.)

I.—GENERAL DISEASES.

- 1* Typhoid fever.
- 2* Typhus fever.
- 3* Relapsing fever.
- 4* Malaria.
- 4a* *Including:* Malarial cachexia.
- 5* Smallpox.
- 6* Measles.
- 7* Scarlet fever.
- 8* Whooping cough.
- 9* Diphtheria and croup.
- 9a* *Including:* Croup.
- 10* Influenza.
- 11* Miliary fever.
- 12* Asiatic cholera.
- 13* Cholera nostras.
- 14* Dysentery.
- 15* Plague.
- 16* Yellow fever.
- 17* Leprosy.
- 18* Erysipelas.
- 19* Other epidemic diseases.
- 20* Purulent infection and septicaemia.

OFFICIAL ENGLISH TRANSLATION—Continued.

I.—GENERAL DISEASES—Continued.

- 21* Glanders.
- 22* Anthrax.
- 23* Rabies.
- 24 Tetanus.
- 25 Mycoses.
- 26 Pellagra.
- 27 Beriberi.
- 28 Tuberculosis of the lungs.
- 29 Acute miliary tuberculosis.
- 30 Tuberculous meningitis.
- 31 Abdominal tuberculosis.
- 32 Pott's disease.
- 33 White swellings.
- 34 Tuberculosis of other organs.
- 35 Disseminated tuberculosis.
- 36 Rickets.
- 37 Syphilis:
 - A. *Primary*.
 - B. *Secondary*.
 - C. *Tertiary*.
 - D. *Hereditary*.
 - E. *Period not stated*.
- 37a *Soft chancre*.
- 38 Gonococcus infection.
- 39* Cancer and other malignant tumors of the buccal cavity.
- 40* Cancer and other malignant tumors of the stomach, liver.
- 41* Cancer and other malignant tumors of the peritoneum, intestines, rectum.
- 42* Cancer and other malignant tumors of the female genital organs.
- 43* Cancer and other malignant tumors of the breast.
- 44* Cancer and other malignant tumors of the skin.
- 45* Cancer and other malignant tumors of other organs and of organs not specified.
- 46* Other tumors (tumors of the female genital organs excepted).
- 47* Acute articular rheumatism.
- 48* Chronic rheumatism and gout.
- 49* Scurvy.
- 50* Diabetes.
- 51* Exophthalmic goitre.
- 52* Addison's disease.
- 53* Leuchaemia.
- 54* Anaemia, chlorosis.
- 55* Other general diseases.
- 56* Alcoholism (acute or chronic).
- 57* Chronic lead poisoning.
- 58* Other chronic occupation poisonings.
- 59* Other chronic poisonings.

II.—DISEASES OF THE NERVOUS SYSTEM AND OF THE ORGANS OF SPECIAL SENSE.

- 60* Encephalitis.
- 61* Simple meningitis.
- 61a* *Including*: Cerebrospinal fever.
- 62* Locomotor ataxia.
- 63* Other diseases of the spinal cord.
- 64* Cerebral haemorrhage, apoplexy.
- 65* Softening of the brain.
- 66* Paralysis without specified cause.
- 67* General paralysis of the insane.
- 68* Other forms of mental alienation.
- 69* Epilepsy.
- 70* Convulsions (nonpuerperal).
- 71* Convulsions of infants.
- 72 Chorea.
- 73A Hysteria.

OFFICIAL ENGLISH TRANSLATION—Continued.

II.—DISEASES OF THE NERVOUS SYSTEM AND OF THE ORGANS OF SPECIAL SENSE.—Continued.

- 73B *Neuralgia and neuritis*.
- 74* Other diseases of the nervous system.
- 75A* *Follicular conjunctivitis*.
- 75B* *Trachoma*.
- 75C* [Other] diseases of the eyes and their adnexa.
- 76* Diseases of the ears.

III.—DISEASES OF THE CIRCULATORY SYSTEM.

- 77* Pericarditis.
- 78* Acute endocarditis.
- 79* Organic diseases of the heart.
- 80* Angina pectoris.
- 81* Diseases of the arteries, atheroma, aneurysm, etc.
- 82* Embolism and thrombosis.
- 83* Diseases of the veins (varices, haemorrhoids, phlebitis, etc.).
- 84* Diseases of the lymphatic system (lymphangitis, etc.).
- 85 Haemorrhage; other diseases of the circulatory system.

IV.—DISEASES OF THE RESPIRATORY SYSTEM.

- 86 Diseases of the nasal fossae.
- 87 Diseases of the larynx.
- 88 Diseases of the thyroid body.
- 89 Acute bronchitis.
- 90 Chronic bronchitis.
- 91 Bronchopneumonia.
- 92 Pneumonia.
- 93 Pleurisy.
- 94 Pulmonary congestion, pulmonary apoplexy.
- 95 Gangrene of the lung.
- 96 Asthma.
- 97 Pulmonary emphysema.
- 98 Other diseases of the respiratory system (tuberculosis excepted).

V.—DISEASES OF THE DIGESTIVE SYSTEM.

- 99A *Diseases of the teeth and gums*.
- 99B [Other] diseases of the mouth and annexe.
- 100 Diseases of the pharynx.
- 101 Diseases of the oesophagus.
- 102 Ulcer of the stomach.
- 103 Other diseases of the stomach (cancer excepted).
- 104 Diarrhoea and enteritis (under 2 years).
- 105 Diarrhoea and enteritis (2 years and over).
- 106 Ankylostomiasis.
- 107* Intestinal parasites.
- 108 Appendicitis and typhlitis.
- 109 Hernias, intestinal obstructions.
- 110A *Diseases of the anus and faecal fistulas*.
- 110B Other diseases of the intestine.
- 111 Acute yellow atrophy of the liver.
- 112 Hydatid tumor of the liver.
- 113 Cirrhosis of the liver.
- 114 Biliary calculi.
- 115 Other diseases of the liver.
- 116 Diseases of the spleen.
- 117 Simple peritonitis (nonpuerperal).
- 118 Other diseases of the digestive system (cancer and tuberculosis excepted).

VI.—NONVENEREAL DISEASES OF THE GENITO-URINARY SYSTEM AND ANNEXA.

- 119* Acute nephritis.
- 120* Bright's disease.
- 121 Chyluria.
- 122 Other diseases of the kidneys and annexe.

OFFICIAL ENGLISH TRANSLATION—Continued.

VI. NONVENEREAL DISEASES OF THE GENITO-URINARY SYSTEM AND ANNEXA—Continued.

- 123 Calculi of the urinary passages.
- 124 Diseases of the bladder.
- 125 Other diseases of the urethra, urinary abscess, etc.
- 126 Diseases of the prostate.
- 127 Nonvenereal diseases of the male genital organs.
- 128* Uterine haemorrhage (nonpuerperal).
- 129* Uterine tumor (noncancerous).
- 130A *Metritis*.
- 130B* [Other] diseases of the uterus.
- 131* Cysts and other tumors of the ovary.
- 132* Salpingitis and other diseases of the female genital organs.
- 133* Nonpuerperal diseases of the breast (cancer excepted).

VII.—THE PUERPERAL STATE.

- 134A* *Normal labor*.
- 134B* Accidents of pregnancy.
- 135* Puerperal haemorrhage.
- 136* Other accidents of labor.
- 137* Puerperal septicaemia.
- 138* Puerperal albuminuria and convulsions.
- 139* Puerperal phlegmasia alba dolens, embolus, sudden death.
- 140* Following childbirth (not otherwise defined).
- 141* Puerperal diseases of the breast.

VIII.—DISEASES OF THE SKIN AND OF THE CELLULAR TISSUE.

- 142* Gangrene.
- 143* Furuncle.
- 144* Acute abscess.
- 145A* *Trichophytosis*.
- 145B* *Scabies*.
- 145C* Other diseases of the skin and annexa.

IX.—DISEASES OF THE BONES AND OF THE ORGANS OF LOCOMOTION.

- 146* Diseases of the bones (tuberculosis excepted).
- 147* Diseases of the joints (tuberculosis and rheumatism excepted).
- 148* Amputations.
- 149* Other diseases of the organs of locomotion.

X.—MALFORMATIONS.

- 150* Congenital malformations (stillbirths not included).

XI.—DISEASES OF EARLY INFANCY.

- 151A* *Nurslings discharged from hospital without disease*.
- 151B* Congenital debility, icterus, and sclerema.
- 152* Other diseases peculiar to early infancy.
- 153* Lack of care.

XII.—OLD AGE.

- 154* Senility.

XIII.—AFFECTIONS PRODUCED BY EXTERNAL CAUSES.

- 155* Suicide by poison.
- 156* Suicide by asphyxia.
- 157* Suicide by hanging or strangulation.
- 158* Suicide by drowning.
- 159* Suicide by firearms.
- 160* Suicide by cutting or piercing instruments.
- 161* Suicide by jumping from a high place.
- 162* Suicide by crushing.
- 163* Other suicides.
- 164 Poisoning by food.
- 165A *Venomous bites and stings*.

OFFICIAL ENGLISH TRANSLATION—Continued.

XIII. AFFECTIONS PRODUCED BY EXTERNAL CAUSES—Continued.

- 165B Other acute poisonings.
- 166 Conflagration.
- 167* Burns (conflagration excepted).
- 168 Absorption of deleterious gases (conflagration excepted).
- 169 Accidental drowning.
- 170 Traumatism by firearms.
- 171 Traumatism by cutting or piercing instruments.
- 172 Traumatism by fall.
- 173 Traumatism in mines and quarries.
- 174 Traumatism by machines.
- 175 Traumatism by other crushing (vehicles, railroad, land-slides, etc.).
- 176 Injuries by animals.
- 177A *Over-exertion*.
- 177B Starvation.
- 178 Excessive cold.
- 179 Effects of heat.
- 180 Lightning.
- 181 Electricity (lightning excepted).
- 182 Homicide by firearms.
- 183 Homicide by cutting or piercing instruments.
- 184 Homicide by other means.
- 185A *Dislocations*.
- 185B *Sprains*.
- 185C Fractures (cause not specified).
- 186 Other external violence.

XIV.—ILL-DEFINED DISEASES.

- 187 Ill-defined organic disease.
- 188 Sudden death.
- 189 Cause of death not specified or ill-defined.
- 189A *No disease, feigned disease*.

ABRIDGED CLASSIFICATION ADOPTED IN 1909.

NOTE.—The diseases which cause death only rarely need not be shown, except for morbidity statistics; they are printed in *italics* below, and are numbered "15a," "15b," etc., in order to preserve the same reference numbers for the morbidity and mortality classifications.

- 1 Typhoid fever.
- 2 Typhus fever.
- 3 Malaria.
- 4 Smallpox.
- 5 Measles.
- 6 Scarlet fever.
- 7 Whooping cough.
- 8 Diphtheria and croup.
- 9 Influenza.
- 10 Asiatic cholera.
- 11 Cholera nostras.
- 12 Other epidemic diseases.
- 13 Tuberculosis of the lungs.
- 14 Tuberculous meningitis.
- 15 Other forms of tuberculosis.
- 15a *Syphilis*.
- 15b *Gonococcus infection*.
- 16 Cancer and other malignant tumors.
- 16a Rheumatism.
- 17 Simple meningitis.
- 18 Cerebral haemorrhage and softening.
- 18a *Diseases of the eyes*.
- 19 Organic diseases of the heart.
- 19a *Diseases of the veins (varices, phlebitis, etc.)*.
- 20 Acute bronchitis.
- 21 Chronic bronchitis.

MORTALITY STATISTICS.

ABRIDGED CLASSIFICATION ADOPTED IN 1909—Continued.

- 22 Pneumonia.
- 23 Other diseases of the circulatory system.
- 24 Diseases of the stomach (cancer excepted).
- 25 Diarrhoea and enteritis (under 2 years of age).
- 26 Appendicitis and typhlitis.
- 27 Hernias, intestinal obstructions.
- 28 Cirrhosis of the liver.
- 29 Nephritis and Bright's disease.
- 30 Noncancerous tumors and other diseases of the female genital organs.
- 31 Puerperal septicaemia (puerperal fever, peritonitis, phlebitis).
- 31a *Normal labor.*
- 32 Other puerperal accidents of pregnancy and labor.
- 32a *Diseases of the skin.*
- 32b *Nurslings discharged from hospitals without disease.*
- 33 Congenital debility and malformations.
- 34 Senile debility.
- 35 Violent deaths (suicides excepted).

ABRIDGED CLASSIFICATION ADOPTED IN 1909—Continued.

- 35a Suicides.
- 36 Other diseases.
- 37 Unknown or ill-defined diseases.
- 37a *No disease, feigned disease.*

INTRAUTERINE CAUSES OF DEATH.

- 1 Syphilis.
- 2 Other general diseases of the mother.
- 3 Predisposition of the mother to abortion,
- 4 Albuminuria and other diseases incident to pregnancy.
- 5 Traumatism and overwork.
- 6 Diseases of the placenta and of the membranes.
- 7 Malformations of the infant.
- 8 Premature birth.
- 9 Difficult labor.
- 10 Prolapse and compression of the cord.
- 11 Asphyxia of the child.
- 12 Other and unclassified causes.
- 13 Causes not specified or unknown.

TABLES

MORTALITY STATISTICS.

TABLE 1.—ESTIMATED POPULATION, DEATHS (EXCLUSIVE OF STILLBIRTHS), DEATH RATES PER 1,000 OF POPULATION, ITS MAIN SUBDIVISIONS, THE REGISTRATION

	REGISTRATION AREA.	Estimated population, June 1, 1908.	TOTAL DEATHS.		DEATHS BY COLOR.				
			Number.	Death rate per 1,000.	White.	Negro.	Indian.	Chinese.	Japanese.
SUMMARIES.									
1	The registration area.....	45,028,767	691,574	15.4	645,562	43,113	1,306	984	609
2	Registration cities.....	27,588,740	448,113	16.2	409,795	37,178	63	694	353
3	Registration states.....	37,008,335	567,245	15.3	542,800	21,700	1,292	878	575
4	Cities in registration states.....	19,508,308	323,784	16.5	307,033	15,765	49	583	349
5	Rural part of registration states.....	17,440,027	243,461	14.0	235,767	5,935	1,243	290	226
6	Registration cities in other states.....	8,020,432	124,329	15.5	102,762	21,413	14	106	34
REGISTRATION STATES.									
7	California.....	1,702,377	31,264	18.4	29,698	354	104	690	418
8	Colorado.....	640,861	10,923	17.0	10,599	280	5	8	31
9	Connecticut.....	1,038,149	15,991	15.4	15,678	307	3	3	
10	Indiana.....	2,775,711	34,020	12.3	32,671	1,353	1	4	
11	Maine.....	721,170	11,503	16.0	11,494	3	6		
12	Maryland.....	1,304,566	20,177	15.5	14,920	5,253	1	3	
13	Massachusetts.....	3,122,680	51,523	16.5	50,616	866	11	28	2
14	Michigan.....	2,639,050	36,505	13.8	35,960	347	198		
15	New Hampshire.....	439,643	7,157	16.3	7,147	10			
16	New Jersey.....	2,300,427	35,526	15.4	33,634	1,886	1	5	
17	New York.....	8,546,356	138,883	16.3	135,456	3,281	48	78	20
18	Pennsylvania.....	7,137,315	112,246	15.7	107,429	4,779	4	31	3
19	Rhode Island.....	510,997	8,271	16.2	8,029	240		2	
20	South Dakota.....	487,354	4,946	10.1	4,197	5	743	1	
21	Vermont.....	352,617	5,639	16.0	5,628	11			
22	Washington.....	646,799	9,566	14.8	9,281	98	63	23	101
23	Wisconsin.....	2,324,892	26,960	11.6	26,819	38	103		
REGISTRATION CITIES.									
ALABAMA. ¹									
24	Birmingham.....	48,325	1,109	22.9	517	592			
25	Mobile.....	54,381	1,140	21.0	522	616		2	
26	Montgomery.....	42,887	797	18.6	254	543			
CALIFORNIA.									
27	Alameda.....	20,703	344	16.6	333	2		2	7
28	Berkeley.....	(²)	448	(²)	439	3		2	4
29	Fresno.....	13,790	369	26.8	317	2		29	21
30	Los Angeles.....	(²)	3,750	(²)	3,530	105	3	53	59
31	Oakland.....	(²)	1,647	(²)	1,494	39		97	17
32	Pasadena.....	(²)	371	(²)	360	10			1
33	Sacramento.....	31,600	758	24.0	661	11		30	56
34	San Diego.....	(²)	698	(²)	685	5	1	5	2
35	San Francisco.....	(²)	6,260	(²)	5,991	54		158	57
36	San Jose.....	24,252	389	16.0	355	4		22	8
37	Stockton.....	(²)	483	(²)	438	7		25	13
COLORADO.									
38	Colorado Springs.....	31,640	473	14.9	450	22	1		
39	Denver.....	155,124	3,668	23.6	3,496	156	1	6	9
40	Leadville.....	14,111	153	10.8	150	3			
41	Pueblo.....	31,557	605	19.2	567	35			3
CONNECTICUT.									
42	Ansonia.....	14,552	211	14.5	202	9			
43	Bridgeport.....	88,700	1,397	15.7	1,366	31			
44	Bristol town.....	11,451	162	14.1	161	1			
45	Danbury town.....	19,474	340	17.5	333	7			
46	Greenwich town.....	13,804	277	20.1	270	7			
47	Hartford.....	101,146	1,459	14.4	1,407	50		2	
48	Manchester town.....	12,504	112	9.0	112				
49	Meriden town.....	31,311	438	14.0	432	6			
50	Middletown town.....	19,310	436	22.6	427	9			
51	Naugatuck.....	13,998	122	8.7	122				
52	New Britain.....	35,560	548	15.4	548				
53	New Haven.....	125,627	2,121	16.9	2,057	63		1	
54	New London.....	20,580	317	15.4	309	8			
55	Norwalk town.....	21,679	366	16.9	350	6			
56	Norwich town.....	25,909	446	17.2	434	12			
57	Stamford town.....	21,350	438	20.5	426	12			
58	Stonington town.....	9,624	134	13.9	131	3			
59	Torrington town.....	17,576	182	10.4	176	6			
60	Vernon town.....	8,224	118	14.3	118				
61	Wallingford town.....	10,984	145	13.3	145				
62	Waterbury.....	65,489	1,057	16.1	1,046	11			
63	Windham town.....	10,220	210	20.5	208	2			
DELAWARE. ¹									
64	Wilmington.....	87,700	1,347	15.4	1,097	249		1	
DISTRICT OF COLUMBIA.									
65	Washington.....	317,380	6,136	19.3	3,544	2,589	1	2	
FLORIDA. ¹									
66	Jacksonville.....	39,423	1,090	27.6	411	675		3	1
67	Key West.....	22,528	408	18.1	266	142			

¹ Nonregistration state; cities stated below only those with effective local ordinances.

COLOR, NATIVITY, AND MONTH OF DEATH.

LATION, AND DISTRIBUTION OF DEATHS, BY COLOR, AND BY MONTH OF DEATH, FOR THE REGISTRATION AREA, STATES, AND REGISTRATION CITIES: 1908.

DEATHS BY MONTH OF OCCURRENCE.													
January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.	
67,783	63,804	63,945	59,263	55,732	49,701	57,965	58,451	54,789	54,053	52,066	53,995	47	1
44,375	40,991	41,834	38,525	36,532	32,727	38,376	37,132	34,082	34,454	33,817	35,807	11	2
55,267	52,223	52,409	48,760	45,482	40,428	47,760	48,292	45,567	44,250	42,433	44,330	44	3
31,879	29,410	30,298	28,022	26,282	23,454	28,171	26,973	24,810	24,651	24,184	25,642	8	4
23,388	22,813	22,111	20,738	19,200	16,974	19,589	21,319	20,757	19,599	18,249	18,688	36	5
12,496	11,581	11,536	10,503	10,250	9,273	10,205	10,159	9,222	9,803	9,633	9,665	3	6
3,135	2,809	2,911	2,480	2,595	2,460	2,501	2,392	2,328	2,427	2,519	2,702	5	7
1,114	957	1,001	949	891	780	905	902	870	887	859	808	.....	8
1,557	1,511	1,456	1,332	1,204	1,145	1,498	1,411	1,238	1,214	1,144	1,281	.....	9
3,187	3,389	3,172	2,961	2,677	2,376	2,800	2,882	2,740	2,689	2,619	2,533	4	10
1,132	996	1,015	1,048	956	814	828	1,013	1,044	945	850	862	.....	11
2,152	1,748	1,822	1,616	1,486	1,592	2,031	1,771	1,531	1,455	1,479	1,494	.....	12
5,090	4,590	4,747	4,561	4,249	3,530	4,214	4,595	4,115	3,939	3,697	4,196	.....	13
3,157	3,302	3,404	3,234	2,934	2,551	2,685	3,059	3,387	3,322	2,827	2,639	4	14
697	637	621	643	603	488	598	588	609	588	525	560	.....	15
3,411	3,188	3,220	2,841	2,697	2,673	3,457	3,304	2,741	2,610	2,549	2,835	.....	16
13,025	12,638	12,799	12,339	11,668	9,829	11,878	11,865	10,874	10,699	10,375	10,894	.....	17
11,620	10,639	10,477	9,365	8,455	7,666	9,534	9,708	8,999	8,428	8,999	8,828	1	18
850	772	785	724	689	569	747	710	627	579	605	614	.....	19
531	480	505	479	382	343	351	381	432	398	338	326	.....	20
547	563	524	461	473	441	421	420	455	457	441	423	13	21
780	796	916	828	782	722	767	823	871	853	688	740	.....	22
2,677	2,662	2,423	2,393	2,241	1,957	1,957	2,024	2,285	2,288	1,920	2,116	17	23
102	110	78	69	86	109	93	105	98	85	89	84	.....	24
113	99	93	91	113	95	101	85	73	88	89	100	.....	25
76	65	63	65	74	78	53	71	52	80	60	60	.....	26
38	29	38	34	25	19	32	23	23	21	28	34	.....	27
54	28	42	45	41	31	32	29	36	39	32	39	.....	28
40	26	31	32	27	35	27	26	22	35	37	33	.....	29
404	357	355	305	298	303	272	262	313	272	300	309	.....	30
135	164	148	165	138	148	130	106	115	144	123	131	.....	31
52	26	44	26	26	32	25	27	29	16	22	46	.....	32
67	65	60	56	60	64	65	54	51	64	80	72	.....	33
70	73	89	45	45	63	57	44	59	47	43	58	.....	34
631	551	607	481	543	482	487	487	447	497	520	527	.....	35
31	41	35	36	35	24	27	31	29	30	38	32	.....	36
53	38	52	36	38	38	35	33	35	24	45	56	.....	37
48	35	50	37	37	38	38	49	35	42	37	27	.....	38
339	320	364	342	301	255	296	311	272	309	294	265	.....	39
21	10	14	23	12	10	8	13	10	11	10	11	.....	40
67	58	69	60	62	47	43	45	45	29	37	43	.....	41
22	27	20	11	13	8	28	24	11	17	13	17	.....	42
128	144	104	118	118	120	147	111	98	99	108	107	.....	43
20	10	13	18	11	13	16	16	9	19	13	4	.....	44
32	33	24	32	26	30	35	39	20	19	26	24	.....	45
30	26	21	15	24	17	29	28	33	21	13	20	.....	46
124	126	165	131	101	98	137	113	102	115	112	135	.....	47
8	12	11	12	9	8	12	9	13	9	5	4	.....	48
43	35	36	45	31	33	39	41	35	22	39	39	.....	49
50	33	31	35	44	33	49	28	41	34	27	31	.....	50
12	15	15	4	9	10	11	11	5	9	12	9	.....	51
60	43	51	35	31	34	45	69	55	32	48	45	.....	52
200	206	202	181	157	175	184	151	150	151	165	199	.....	53
22	34	36	26	32	21	25	32	30	17	17	25	.....	54
31	48	29	33	30	25	31	31	35	20	24	29	.....	55
38	41	38	37	30	35	36	53	30	48	29	31	.....	56
62	38	33	27	30	37	48	40	31	39	32	21	.....	57
13	15	15	18	13	6	8	12	12	8	7	7	.....	58
16	18	17	18	17	13	15	24	10	10	8	16	.....	59
10	12	11	6	11	7	9	11	11	9	9	12	.....	60
11	9	19	14	13	9	20	14	15	7	3	11	.....	61
108	88	94	74	89	55	122	88	90	82	92	75	.....	62
23	23	11	18	9	11	32	18	12	22	12	19	.....	63
146	124	118	118	88	106	126	113	111	102	101	94	.....	64
605	546	611	506	500	492	588	444	421	472	472	479	.....	65
118	86	91	95	102	78	85	91	88	85	79	92	.....	66
38	29	47	35	46	31	40	26	28	23	34	31	.....	67

² Population not estimated.

MORTALITY STATISTICS.

TABLE 1.—ESTIMATED POPULATION, DEATHS (EXCLUSIVE OF STILLBIRTHS), DEATH RATES PER 1,000 OF POPU- ITS MAIN SUBDIVISIONS, THE REGISTRATION

REGISTRATION AREA.	Estimated population, June 1, 1908.	TOTAL DEATHS.		DEATHS BY COLOR.				
		Number.	Death rate per 1,000.	White.	Negro.	Indian.	Chinese.	Japanese.
REGISTRATION CITIES—Continued.								
GEORGIA. ¹								
68 Atlanta.....	109,545	2,311	21.1	1,231	1,076		4	
69 Savannah.....	71,163	1,492	21.0	518	974			
ILLINOIS. ¹								
70 Aurora.....	27,714	379	13.7	368	11			
71 Belleville.....	22,831	333	14.6	326	7			
72 Chicago.....	2,166,055	30,388	14.0	29,384	976		27	1
73 Decatur.....	25,401	345	13.6	333	12			
74 Evanston.....	24,177	241	10.0	226	15			
75 Jacksonville.....	16,791	329	19.6	318	11			
76 Ottawa.....	11,388	144	12.6	144				
77 Quincy.....	40,058	577	14.4	527	50			
78 Springfield.....	44,075	764	17.3	701	63			
INDIANA.								
79 Anderson.....	27,728	247	8.9	235	12			
80 Columbus.....	9,258	129	13.9	119	10			
81 Elkhart.....	18,267	233	12.8	232	1			
82 Elwood.....	21,324	127	6.0	127				
83 Evansville.....	66,115	904	13.7	758	146			
84 Fort Wayne.....	53,199	815	15.3	805	10			
85 Hammond.....	18,066	288	15.9	286	2			
86 Huntington.....	11,498	113	9.8	113				
87 Indianapolis.....	234,994	3,171	13.5	2,687	483		1	
88 Jeffersonville.....	10,860	142	13.1	115	27			
89 Kokomo.....	12,687	240	18.9	228	12			
90 Lafayette.....	19,613	344	17.5	339	5			
91 Logansport.....	13,506	308	16.6	304	4			
92 Marion.....	25,976	218	8.4	202	15		1	
93 Michigan City.....	18,408	245	13.3	232	13			
94 Muncie.....	29,275	343	11.7	319	24			
95 New Albany.....	20,628	351	17.0	308	43			
96 Peru.....	12,019	116	9.7	116				
97 Richmond.....	19,932	292	14.6	267	25			
98 South Bend.....	47,901	659	13.8	651	8			
99 Terre Haute.....	54,608	842	15.4	782	59		1	
100 Vincennes.....	11,837	260	22.0	255	5			
101 Wabash.....	10,387	126	12.1	123	3			
102 Washington.....	10,541	125	11.9	121	4			
KANSAS. ¹								
103 Kansas City.....	80,839	996	12.3	815	181			
104 Leavenworth.....	22,117	311	14.1	247	64			
105 Wichita.....	40,660	548	13.5	515	33			
KENTUCKY. ¹								
106 Covington.....	51,105	758	14.8	701	56	1		
107 Louisville.....	233,069	3,740	16.0	2,614	1,126			
108 Newport.....	31,006	489	15.8	476	13			
109 Paducah.....	23,469	376	16.0	228	148			
LOUISIANA. ¹								
110 New Orleans.....	323,157	7,345	22.7	4,459	2,874		12	
MAINE.								
111 Auburn.....	14,311	193	13.5	193				
112 Augusta.....	12,609	275	21.8	275				
113 Bangor.....	24,048	372	15.5	371	1			
114 Bath.....	11,879	155	13.0	155				
115 Biddeford.....	17,505	305	17.4	305				
116 Lewiston.....	25,409	484	19.0	484				
117 Portland.....	56,839	1,023	18.1	1,027	1			
118 Rockland.....	8,150	133	16.3	132	1			
119 Waterville.....	11,373	196	17.2	196				
MARYLAND.								
120 Annapolis.....	9,261	220	23.8	88	132			
121 Baltimore.....	568,571	10,416	18.3	7,861	2,552		3	
122 Cumberland.....	20,647	419	20.3	385	34			
123 Frederick.....	10,177	173	17.0	131	42			
124 Hagerstown.....	16,368	283	17.3	245	38			
MASSACHUSETTS.								
125 Adams town.....	13,296	194	14.6	194				
126 Amesbury town.....	8,461	137	16.2	137				
127 Arlington town.....	10,307	128	12.4	127	1			
128 Attleboro town.....	13,521	167	12.4	166	1			
129 Beverly.....	16,026	219	13.7	219				
130 Boston.....	616,072	11,752	19.1	11,386	346		18	2
131 Brockton.....	52,432	606	11.6	601	5			
132 Brookline town.....	25,536	300	11.7	295	5			
133 Cambridge.....	100,762	1,636	16.2	1,541	94		1	
134 Chelsea.....	39,218	493	12.6	475	18			

¹ Nonregistration state; cities stated below only those with effective local ordinances.

COLOR, NATIVITY, AND MONTH OF DEATH.

LATION, AND DISTRIBUTION OF DEATHS, BY COLOR, AND BY MONTH OF DEATH, FOR THE REGISTRATION AREA, STATES AND REGISTRATION CITIES: 1908—Continued.

DEATHS BY MONTH OF OCCURRENCE.												
January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.
220	239	186	164	224	220	227	196	169	161	156	149	68
122	146	122	124	160	135	118	113	120	115	101	116	69
33	37	36	36	30	20	30	32	32	23	28	42	70
34	29	36	24	25	16	32	37	21	32	28	19	71
3,129	2,849	2,852	2,546	2,430	2,045	2,371	2,691	2,307	2,354	2,362	2,452	72
32	30	30	30	28	27	32	28	27	32	22	27	73
21	18	22	16	14	13	28	26	24	17	13	29	74
37	28	30	36	32	27	22	27	22	25	23	20	75
10	9	12	19	10	17	8	8	14	8	15	14	76
71	67	57	40	54	36	29	47	38	54	42	42	77
78	70	76	53	59	59	84	59	56	64	63	43	78
20	20	18	24	24	16	15	21	20	26	25	18	79
7	13	8	16	13	9	5	14	9	19	7	9	80
25	14	15	25	16	14	24	31	13	28	9	19	81
11	11	11	12	11	9	6	15	10	10	9	11	82
99	112	86	69	59	74	74	74	56	57	63	81	83
82	64	89	76	71	60	58	71	64	56	59	65	84
24	35	38	23	23	17	26	27	22	15	18	20	85
11	8	10	6	11	7	18	9	5	8	12	8	86
316	272	307	274	239	238	274	264	234	272	233	248	87
15	18	14	11	19	12	2	5	6	12	18	10	88
25	27	29	20	33	18	15	18	20	13	12	10	89
35	30	24	31	22	31	29	24	26	38	35	19	90
25	25	25	29	36	23	27	21	24	18	30	25	91
21	19	16	22	15	17	12	12	27	25	14	18	92
17	24	18	29	23	13	14	22	23	20	23	19	93
26	26	33	41	23	23	21	32	28	21	31	38	94
53	43	30	26	27	27	23	23	17	26	32	24	95
19	11	10	8	6	17	5	4	11	5	12	8	96
22	27	16	22	25	31	27	18	28	28	21	27	97
74	52	70	55	51	48	45	60	60	52	52	40	98
81	91	69	79	80	48	69	66	60	68	71	60	99
23	16	22	22	25	12	22	27	28	24	21	18	100
13	13	17	14	7	6	8	11	10	5	14	8	101
8	22	9	17	10	13	15	6	4	9	7	5	102
97	91	108	72	77	84	100	73	80	80	60	74	103
37	34	33	28	25	23	13	21	18	18	29	27	104
46	42	53	42	50	39	52	42	40	43	44	53	105
88	82	81	64	42	43	65	64	51	57	54	67	106
399	428	392	320	288	287	320	257	233	274	294	248	107
54	49	39	48	48	26	36	32	34	39	41	43	108
43	33	34	19	22	29	23	32	35	38	39	29	109
688	736	633	739	682	566	487	504	520	617	576	597	110
17	12	22	20	13	18	14	14	12	13	14	24	111
26	23	25	25	11	18	23	39	18	30	23	13	112
37	42	45	38	31	24	25	15	23	33	28	31	113
18	14	19	14	12	10	11	7	11	9	18	12	114
32	23	35	33	24	19	23	30	22	23	15	26	115
44	39	53	42	39	25	49	43	38	41	37	34	116
92	99	99	101	76	74	81	94	94	89	60	69	117
13	17	8	6	13	11	9	16	15	9	9	7	118
18	12	16	20	13	11	19	25	13	12	15	22	119
25	23	19	10	22	20	29	18	11	13	13	17	120
1,180	865	970	873	781	818	1,053	813	754	732	782	795	121
48	45	35	49	30	27	29	37	35	25	32	27	122
15	15	18	10	13	15	15	13	23	14	8	14	123
33	26	37	24	17	15	23	20	15	21	28	24	124
28	10	25	13	18	13	13	21	16	7	20	10	125
10	11	13	13	10	11	11	12	13	10	11	12	126
8	10	10	9	6	16	8	10	14	7	11	19	127
19	15	15	8	13	11	16	20	10	15	11	14	128
15	15	16	15	18	25	18	17	17	20	20	23	129
1,053	978	1,063	1,060	1,056	793	964	1,058	942	916	855	1,014	130
72	65	55	52	54	48	41	59	46	46	32	36	131
23	22	28	37	29	23	15	17	24	27	27	28	132
151	138	143	150	124	113	125	134	139	136	132	151	133
66	51	66	76	31	27	19	43	26	30	28	30	134

MORTALITY STATISTICS.

TABLE 1.—ESTIMATED POPULATION, DEATHS (EXCLUSIVE OF STILLBIRTHS), DEATH RATES PER 1,000 OF POPULATION IN ITS MAIN SUBDIVISIONS, THE REGISTRATION

REGISTRATION AREA.	Estimated population, June 1, 1908.	TOTAL DEATHS.		DEATHS BY COLOR.				
		Number.	Death rate per 1,000.	White.	Negro.	Indian.	Chinese.	Japanese.
REGISTRATION CITIES—Continued.								
MASSACHUSETTS—continued.								
135	Chicopee.....	20,805	372	17.9	372			
136	Clinton town.....	12,769	205	16.1				
137	Danvers town.....	9,375	341	36.4	337	4		
138	Everett.....	31,976	395	12.4	382	13		
139	Fall River.....	106,301	2,346	22.1	2,335	11		
140	Fitchburg.....	33,915	493	14.5	493			
141	Framingham town.....	11,695	173	14.8	173			
142	Gardner town.....	12,731	186	14.6	184	2		
143	Gloucester.....	25,945	344	13.3	344			
144	Haverhill.....	38,223	591	15.5	584	6	1	
145	Holyoke.....	52,466	918	17.5	917	1		
146	Hyde Park town.....	15,269	177	11.6	177			
147	Lawrence.....	74,544	1,323	17.7	1,318	5		
148	Leominster town.....	15,440	165	10.7	165			
149	Lowell.....	95,141	1,961	20.6	1,951	9	1	
150	Lynn.....	82,159	1,181	14.4	1,162	18	1	
151	Malden.....	40,669	561	13.8	552	9		
152	Marlboro.....	14,351	203	14.1	202	1		
153	Medford.....	20,550	228	11.1	222	6		
154	Melrose.....	15,094	182	12.1	181	1		
155	Milford town.....	12,542	201	16.0	200	1		
156	Natick town.....	9,681	177	18.3	175	2		
157	New Bedford.....	81,514	1,573	19.3	1,494	77	2	
158	Newburyport.....	14,792	282	19.1	278	4		
159	Newton.....	38,771	426	11.0	409	17		
160	North Adams.....	20,920	289	13.8	285	4		
161	Northampton.....	20,745	359	17.3	358	1		
162	Peabody town.....	14,043	207	14.7	207			
163	Pittsfield.....	26,942	422	15.7	416	6		
164	Plymouth town.....	12,084	158	13.1	154	4		
165	Quincy.....	30,581	376	12.3	376			
166	Revere town.....	14,017	159	11.3	158	1		
167	Salem.....	38,629	729	18.9	725	3	1	
168	Somerville.....	73,849	901	12.2	901			
169	Southbridge town.....	11,585	165	14.2	165			
170	Springfield.....	80,428	1,220	15.2	1,199	21		
171	Taunton.....	30,926	659	21.3	657	2		
172	Wakefield town.....	10,854	147	13.5	146	1		
173	Waltham.....	27,962	314	11.2	313	1		
174	Ware town.....	8,792	142	16.2	142			
175	Watertown town.....	12,188	126	10.3	125	1		
176	Webster town.....	10,746	147	13.7	147			
177	Westfield town.....	14,391	232	16.1	230	2		
178	Weymouth town.....	11,741	178	15.2	178			
179	Woburn.....	14,490	192	13.3	188	4		
180	Worcester.....	133,963	2,329	17.4	2,292	37		
MICHIGAN.								
181	Adrian.....	11,706	173	14.8	169	4		
182	Alpena.....	13,013	220	16.9	220			
183	Ann Arbor.....	14,689	282	19.2	276	6		
184	Battle Creek.....	25,863	348	13.5	338	10		
185	Bay City.....	40,535	575	14.2	572	3		
186	Detroit.....	376,174	5,882	15.6	5,767	114	1	
187	Escanaba.....	12,647	228	18.0	227	1		
188	Flint.....	16,265	267	16.4	264	3		
189	Grand Rapids.....	103,871	1,367	13.2	1,348	19		
190	Iron Mountain.....	7,928	111	14.0	111			
191	Ironwood.....	10,333	146	14.1	144	2		
192	Ishpeming.....	9,991	217	21.7	217			
193	Jackson.....	25,420	441	17.3	433	8		
194	Kalamazoo.....	35,160	632	18.0	620	12		
195	Lansing.....	24,067	295	12.3	290	5		
196	Manistee.....	11,176	161	14.4	161			
197	Marquette.....	11,272	175	15.5	174	1		
198	Menominee.....	9,374	151	16.1	151			
199	Muskegon.....	20,976	289	13.8	288	1		
200	Owosso.....	9,594	124	12.9	124			
201	Pontiac.....	12,527	233	18.6	230	3		
202	Port Huron.....	20,898	272	13.0	269	2	1	
203	Saginaw.....	50,875	674	13.2	669	5		
204	Sault Ste. Marie.....	12,346	174	14.1	171	3		
205	Traverse City.....	13,067	286	21.9	283	2	1	
MINNESOTA. ¹								
206	Duluth.....	72,125	884	12.3	877	7		
207	Mankato.....	11,233	168	15.0	167	1		
208	Minneapolis.....	297,527	3,077	10.3	3,036	38	2	1
209	St. Paul.....	217,397	2,187	10.1	2,137	45	2	1
210	Winona.....	20,706	231	11.2	229	2		2

¹ Nonregistration state; cities stated below only those with effective local ordinances.

COLOR, NATIVITY, AND MONTH OF DEATH.

LATION, AND DISTRIBUTION OF DEATHS, BY COLOR, AND BY MONTH OF DEATH, FOR THE REGISTRATION AREA, STATES, AND REGISTRATION CITIES: 1908—Continued.

DEATHS BY MONTH OF OCCURRENCE.												
January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.
26	38	35	33	23	35	40	40	21	27	26	28	135
36	11	20	13	19	15	8	15	22	17	19	10	136
42	30	17	31	22	21	31	40	31	29	24	23	137
38	28	35	51	40	27	26	37	28	29	29	27	138
296	234	220	186	152	180	252	190	160	169	122	185	139
44	46	36	38	39	31	40	47	46	46	36	44	140
18	18	21	18	12	4	12	17	16	14	12	11	141
16	18	23	18	16	11	7	15	21	16	11	14	142
29	32	32	20	25	24	21	37	35	25	29	35	143
62	51	46	51	41	52	44	57	47	49	44	47	144
107	78	70	60	77	68	96	98	69	67	66	73	145
9	20	15	20	11	16	17	17	9	16	13	14	146
120	119	129	106	99	84	120	120	103	104	113	106	147
12	8	13	14	12	11	6	16	10	21	19	23	148
164	194	180	175	132	146	183	196	171	155	130	135	149
121	111	102	114	109	72	89	106	90	95	84	88	150
53	46	52	49	50	36	43	55	41	42	38	56	151
25	29	10	25	17	20	15	13	12	8	11	18	152
23	27	17	23	21	17	20	20	10	15	13	22	153
26	15	21	16	15	14	9	11	11	12	12	20	154
17	19	33	15	9	15	17	20	14	16	12	14	155
13	18	17	11	13	10	16	25	24	11	10	14	156
140	138	169	152	112	88	145	143	143	109	131	103	157
19	24	24	23	27	18	25	29	27	27	22	17	158
49	38	34	40	39	25	28	33	36	35	27	42	159
41	22	23	29	30	12	23	24	14	21	22	28	160
36	37	38	35	27	33	24	28	27	23	24	27	161
29	28	15	22	8	10	16	18	23	8	13	17	162
38	34	49	44	30	33	35	34	35	24	17	39	163
21	12	16	11	7	12	16	13	13	15	7	15	164
37	23	35	38	32	13	27	38	39	32	25	37	165
14	8	13	19	18	11	13	22	16	9	8	8	166
72	64	65	66	85	49	79	54	45	53	37	60	167
81	82	80	68	77	77	65	74	63	78	76	80	168
14	24	15	21	13	7	8	13	103	10	8	19	169
134	117	107	108	102	73	90	97	89	91	99	113	170
73	63	57	55	62	37	44	61	53	46	41	67	171
12	11	12	13	12	16	13	11	12	14	5	16	172
26	21	33	38	19	32	28	17	24	22	25	29	173
14	9	12	15	12	17	8	17	10	10	6	12	174
13	19	10	14	10	12	10	7	8	8	8	7	175
16	8	7	13	8	7	21	16	7	14	24	6	176
21	21	17	24	17	11	22	20	17	20	25	17	177
15	19	14	18	11	12	12	17	26	12	9	13	178
33	10	21	12	25	8	14	13	12	10	18	16	179
264	229	234	190	200	166	191	159	170	174	176	176	180
14	25	12	22	8	9	7	13	16	19	15	13	181
14	19	20	25	19	22	25	15	17	15	14	15	182
24	29	21	26	20	27	21	22	21	30	21	20	183
32	31	36	21	17	24	27	27	30	36	36	31	184
48	44	64	53	52	36	42	53	42	54	40	47	185
536	521	563	547	470	416	509	494	489	480	440	417	186
18	30	25	24	13	14	16	21	15	23	17	12	187
14	21	21	22	18	16	12	38	29	15	28	33	188
114	132	120	119	124	111	111	112	119	131	98	76	189
10	7	3	9	6	7	9	9	18	13	8	12	190
14	13	11	11	5	10	9	25	9	14	9	16	191
18	14	20	20	25	10	12	17	32	27	11	11	192
39	39	50	38	37	27	25	41	42	31	42	30	193
39	68	69	48	53	46	44	55	47	67	52	41	194
27	21	32	22	28	22	16	31	27	28	28	13	195
16	11	15	19	10	17	9	15	15	14	13	7	196
12	7	14	10	17	6	15	15	19	41	18	10	197
13	11	18	20	12	13	8	9	17	13	10	7	198
21	23	18	29	35	18	26	24	22	26	20	27	199
15	9	10	13	12	7	3	8	8	12	14	13	200
26	17	17	22	18	20	19	9	22	21	22	20	201
31	26	26	30	18	23	17	23	30	17	11	20	202
79	53	66	55	54	56	56	45	42	62	60	46	203
9	25	13	14	12	8	11	25	20	16	13	8	204
20	22	26	13	27	29	11	35	33	22	26	22	205
93	75	76	70	58	53	61	73	95	84	82	64	206
15	14	13	17	11	14	23	19	7	14	10	11	207
325	269	262	276	243	212	229	271	244	278	224	244	208
218	180	223	230	153	147	170	169	171	166	178	182	209
27	35	17	12	21	12	22	19	16	17	16	17	210

MORTALITY STATISTICS.

TABLE 1.—ESTIMATED POPULATION, DEATHS (EXCLUSIVE OF STILLBIRTHS), DEATH RATES PER 1,000 OF POPULATIONS MAIN SUBDIVISIONS, THE REGISTRATION

REGISTRATION AREA.	Estimated population, June 1, 1908.	TOTAL DEATHS.		DEATHS BY COLOR.				
		Number.	Death rate per 1,000.	White.	Negro.	Indian.	Chinese.	Japanese.
REGISTRATION CITIES—Continued.								
MISSOURI. ¹								
211 Kansas City.....	188,582	3,165	16.8	2,668	491	3	3	
212 St. Joseph.....	123,004	1,023	8.3	941	82			
213 St. Louis.....	674,012	9,783	14.5	8,676	1,102		5	
NEBRASKA. ¹								
214 Lincoln.....	50,949	533	10.5	519	14			
215 Omaha.....	131,370	1,589	12.1	1,489	99	1		
NEW HAMPSHIRE.								
216 Berlin.....	13,012	188	14.4	188				
217 Concord.....	21,734	410	18.9	407	3			
218 Dover.....	13,541	242	17.9	241	1			
219 Keene.....	10,540	159	15.1	159				
220 Laconia.....	8,042	145	18.0	145				
221 Manchester.....	67,275	1,116	16.6	1,116				
222 Nashua.....	27,569	416	15.1	416				
223 Portsmouth.....	11,285	201	17.8	198	3			
224 Rochester.....	9,322	125	13.4	125				
NEW JERSEY.								
225 Atlantic City.....	43,446	651	15.0	501	150			
226 Bayonne.....	47,986	720	15.0	705	15			
227 Bloomfield.....	12,868	162	12.6	153	9			
228 Bridgeton.....	13,451	176	13.1	168	8			
229 Camden.....	87,819	1,472	16.8	1,288	184			
230 East Orange.....	27,376	275	10.0	251	24			
231 Elizabeth.....	65,786	1,078	16.4	1,051	27			
232 Hackensack.....	12,091	168	13.9	159	9			
233 Harrison.....	14,158	223	15.8	222	1			
234 Hoboken.....	69,130	1,262	18.3	1,259	3			
235 Jersey City.....	248,458	4,430	17.8	4,291	137		2	
236 Kearny.....	15,224	235	15.4	233	2			
237 Long Branch.....	13,209	227	17.2	189	38			
238 Millville.....	12,664	188	14.8	187	1			
239 Montclair.....	17,814	235	13.2	203	32			
240 Morristown.....	12,673	266	21.0	245	21			
241 New Brunswick.....	25,008	452	18.1	425	27			
242 Newark.....	302,324	5,236	17.3	5,008	226		2	
243 Orange.....	27,277	524	19.2	457	67			
244 Passaic.....	43,723	755	17.3	745	10			
245 Paterson.....	115,343	1,871	16.2	1,830	41			
246 Perth Amboy.....	30,812	394	12.8	390	4			
247 Phillipsburg.....	14,432	149	10.3	148	1			
248 Plainfield.....	20,327	334	16.4	283	51			
249 Trenton.....	90,703	1,626	17.9	1,542	83		1	
250 Union.....	18,095	294	16.2	294				
251 West Hoboken.....	32,674	402	12.3	402				
NEW YORK.								
252 Albany.....	99,999	1,845	18.5	1,816	29			
253 Amsterdam.....	24,902	410	16.5	403	7			
254 Auburn.....	33,835	492	14.5	486	6			
255 Batavia.....	10,774	180	16.7	180				
256 Binghamton.....	45,165	884	19.6	873	11			
257 Buffalo.....	391,629	6,231	15.9	6,172	48	5	6	
258 Cohoes.....	24,154	430	17.8	430				
259 Corning.....	14,863	233	15.7	230	3			
260 Cortland.....	12,202	179	14.7	177	2			
261 Dunkirk.....	17,345	242	14.0	242				
262 Elmira.....	35,754	550	15.4	541	9			
263 Geneva.....	13,197	152	11.5	150	2			
264 Glens Falls.....	15,871	212	13.4	211	1			
265 Gloversville.....	18,715	343	18.3	340	3			
266 Hornell.....	13,880	207	14.9	204	3			
267 Hudson.....	10,865	166	15.3	155	11			
268 Ithaca.....	15,312	249	16.3	239	10			
269 Jamestown.....	27,872	310	11.1	309	1			
270 Johnstown.....	9,546	122	12.8	120	2			
271 Kingston.....	25,935	444	17.1	429	15			
272 Little Falls.....	11,431	138	12.1	134	4			
273 Lockport.....	17,935	248	13.8	245	3			
274 Middletown.....	16,378	356	21.7	344	12			
275 Mt. Vernon.....	27,150	387	14.3	364	23			
276 New Rochelle.....	23,786	328	13.8	287	41			
277 New York.....	4,338,322	72,995	16.8	70,538	2,364	4	70	19
278 Bronx borough.....	314,243	6,323	20.1	6,124	195	1		3
279 Brooklyn borough.....	1,468,220	23,900	16.3	23,294	595	1	6	4
280 Manhattan borough.....	2,254,629	37,707	16.7	36,178	1,451	2	64	12
281 Queens borough.....	224,741	3,569	15.9	3,491	78			
282 Richmond borough.....	76,489	1,496	19.6	1,451	45			

¹ Nonregistration state: cities stated below only those with effective local ordinances.

COLOR, NATIVITY, AND MONTH OF DEATH.

LATION, AND DISTRIBUTION OF DEATHS, BY COLOR, AND BY MONTH OF DEATH, FOR THE REGISTRATION AREA, STATES, AND REGISTRATION CITIES: 1908—Continued.

DEATHS BY MONTH OF OCCURRENCE.												
January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.
303	303	287	272	224	223	308	237	215	259	247	287	211
103	99	86	80	78	63	89	104	65	76	91	79	212
959	835	886	803	777	747	868	786	697	811	808	806	213
54	42	45	63	38	38	47	41	35	42	49	39	214
161	150	147	142	129	124	117	136	97	139	113	134	215
8	15	26	10	18	11	21	23	20	15	12	9	216
31	33	37	43	35	28	22	36	26	32	40	47	217
26	23	17	26	24	13	16	21	14	23	22	17	218
18	19	16	16	14	10	10	9	15	14	10	8	219
15	14	10	14	11	10	10	14	17	9	9	12	220
97	82	76	85	82	79	144	102	89	100	88	92	221
43	37	39	48	36	28	35	30	32	34	22	32	222
16	21	20	13	15	13	24	20	19	17	8	15	223
11	17	8	10	10	7	7	11	12	16	7	9	224
54	38	45	54	53	48	79	84	56	46	48	46	225
65	52	61	54	57	47	96	75	63	54	45	51	226
15	10	18	5	23	12	14	18	10	9	10	18	227
17	10	24	11	10	18	11	15	13	17	12	18	228
151	132	152	107	111	126	121	116	89	114	111	142	229
28	25	28	18	28	23	25	25	18	23	15	19	230
112	86	97	83	74	89	112	99	80	69	86	91	231
11	18	10	20	10	13	20	15	11	13	14	13	232
22	22	32	16	11	16	27	17	18	14	16	12	233
126	100	94	108	102	118	117	96	86	98	115	102	234
398	386	374	359	332	326	438	390	338	363	303	423	235
21	26	18	23	20	13	22	19	16	22	14	21	236
19	24	24	20	11	14	24	31	14	15	14	17	237
22	21	21	14	17	14	17	16	11	11	8	16	238
27	25	18	16	15	20	26	13	17	20	20	20	239
22	29	22	20	26	28	33	15	22	19	13	17	240
41	40	52	30	25	37	44	53	37	19	35	39	241
508	476	525	430	420	350	493	456	397	371	378	432	242
47	55	53	46	39	33	57	36	38	44	30	46	243
65	74	72	57	59	82	64	53	57	57	63	52	244
193	190	179	144	136	154	168	136	157	104	130	130	245
33	23	32	34	26	27	48	38	36	23	29	45	246
22	15	14	13	10	19	10	6	14	4	7	15	247
40	35	31	24	23	21	23	30	30	31	24	22	248
178	192	161	127	124	98	150	136	113	139	111	97	249
35	31	23	14	24	26	29	21	19	15	25	32	250
35	31	29	39	35	26	40	33	32	32	38	32	251
207	175	180	160	145	119	135	148	146	136	132	162	252
32	29	42	39	40	35	27	51	40	21	25	29	253
35	51	45	42	45	39	34	48	38	37	41	37	254
28	16	17	11	16	8	7	19	17	13	16	12	255
79	70	66	79	79	72	78	89	73	74	68	57	256
567	528	550	506	482	456	520	530	516	583	496	497	257
54	44	45	35	40	23	28	32	24	27	30	48	258
21	25	23	21	12	22	10	27	22	18	13	19	259
19	19	14	14	19	9	9	15	15	24	10	12	260
31	22	16	15	25	16	15	22	21	18	14	17	261
48	74	44	36	42	38	35	46	57	40	48	42	262
18	14	19	16	11	10	9	7	10	12	12	14	263
16	20	18	12	19	18	14	21	14	21	23	16	264
33	25	32	28	28	27	27	23	20	33	26	41	265
26	18	21	15	13	17	17	18	20	7	19	16	266
21	16	13	15	12	10	11	15	14	17	7	10	267
23	31	15	21	25	19	23	30	20	12	14	14	268
31	23	23	30	25	14	15	23	28	29	29	35	269
17	9	13	14	9	7	7	7	11	8	8	12	270
37	30	42	35	33	30	38	51	33	36	47	32	271
15	12	13	10	15	7	15	8	10	9	11	13	272
14	29	27	23	31	8	14	24	19	17	23	19	273
29	38	34	29	28	18	27	28	34	30	29	32	274
31	33	42	29	26	32	46	35	30	27	23	33	275
22	27	33	28	25	26	33	27	25	24	22	36	276
6,813	6,566	6,929	6,662	6,270	5,269	6,642	6,068	5,318	5,332	5,334	5,742	277
546	543	583	632	554	451	577	467	457	506	484	523	278
2,225	2,138	2,213	2,157	2,115	1,738	2,193	1,968	1,729	1,697	1,823	1,904	279
3,572	3,503	3,681	3,514	3,321	2,713	3,332	3,112	2,734	2,714	2,704	2,897	280
329	269	334	273	251	246	378	346	282	298	269	294	281
141	113	118	86	119	121	162	175	116	117	104	124	282

MORTALITY STATISTICS.

TABLE 1.—ESTIMATED POPULATION, DEATHS (EXCLUSIVE OF STILLBIRTHS), DEATH RATES PER 1,000 OF POPULATIONS MAIN SUBDIVISIONS, THE REGISTRATION

REGISTRATION AREA.	Estimated population, June 1, 1908.	TOTAL DEATHS.		DEATHS BY COLOR.				
		Number.	Death rate per 1,000.	White.	Negro.	Indian.	Chinese.	Japanese.
REGISTRATION CITIES—Continued.								
NEW YORK—continued.								
283	Newburg.....	27,143	437	16.1	422	15		
284	Niagara Falls.....	30,617	451	14.7	444	7		
285	North Tonawanda.....	10,774	149	13.8	148	1		
286	Ogdensburg.....	14,894	399	26.8	397	1	1	
287	Olean.....	10,448	140	13.4	133	7		
288	Oswego.....	22,491	375	16.7	373	2		
289	Peekskill.....	14,904	254	17.0	244	10		
290	Plattsburg.....	11,115	121	10.9	121			
291	Port Jervis.....	9,881	165	16.7	164	1		
292	Poughkeepsie.....	25,815	505	19.6	481	24		
293	Rochester.....	193,111	2,812	14.6	2,796	16		
294	Rome.....	18,520	389	21.0	384	5		
295	Saratoga Springs.....	13,353	256	19.2	240	16		
296	Schenectady.....	69,331	923	13.3	917	5	1	
297	Syracuse.....	123,607	2,043	16.5	2,010	33		
298	Troy.....	76,999	1,541	20.0	1,522	19		
299	Utica.....	68,005	1,397	20.5	1,384	13		
300	Watertown.....	27,424	410	15.0	408	2		
301	Watervliet.....	14,577	250	17.2	250			
302	Yonkers.....	69,503	1,073	15.4	1,050	22		1
NORTH CAROLINA. ¹								
303	Raleigh.....	14,416	455	31.6	243	212		
304	Wilmington.....	21,712	582	26.8	240	341	1	
OHIO. ¹								
305	Ashtabula.....	16,237	235	14.5	235			
306	Bellair.....	10,912	190	17.4	177	13		
307	Canton.....	39,504	444	11.2	440	4		
308	Chillicothe.....	14,326	217	15.1	203	14		
309	Cincinnati.....	349,316	6,450	18.5	5,798	652		
310	Cleveland.....	491,401	6,994	14.2	6,845	145	1	3
311	Columbus.....	152,031	2,489	16.4	2,195	293		
312	Dayton.....	106,897	1,461	13.7	1,351	109		1
313	Findlay.....	17,613	172	9.8	167	5		
314	Hamilton.....	28,922	475	16.4	465	10		
315	Fronton.....	12,289	143	11.6	128	15		
316	Lima.....	29,010	331	11.4	317	14		
317	Marietta.....	17,409	157	9.0	148	9		
318	Massillon.....	13,424	140	10.4	137	3		
319	Middletown.....	10,441	135	12.9	126	9		
320	Newark.....	22,067	307	13.9	299	8		
321	Portsmouth.....	21,662	316	14.6	295	21		
322	Tiffin.....	11,114	129	11.6	129			
323	Toledo.....	169,366	2,368	14.0	2,321	47		
324	Youngstown.....	56,613	956	16.9	919	37		
OREGON. ¹								
325	Portland.....	116,630	1,783	15.3	1,722	7	1	36
PENNSYLVANIA.								
326	Allentown.....	45,862	783	17.1	777	6		
327	Altoona.....	49,846	672	13.5	658	14		
328	Beaver Falls.....	10,309	157	15.2	154	3		
329	Braddock.....	20,406	410	20.1	397	13		
330	Bradford.....	17,091	186	10.9	181	5		
331	Butler.....	12,548	249	19.8	245	4		
332	Carbondale.....	15,457	261	16.9	261			
333	Carlisle.....	11,232	160	14.2	126	32	1	1
334	Chambersburg.....	9,860	190	19.3	175	15		
335	Chester.....	39,338	608	15.3	456	147		
336	Columbia.....	13,765	153	11.1	142	11		
337	Danville.....	8,076	112	13.9	112			
338	Dubois.....	11,957	133	11.1	133			
339	Dunmore.....	15,997	255	15.9	254	1		
340	Duquesne.....	12,500	203	16.2	201	2		
341	Easton.....	29,335	392	13.4	381	10		1
342	Erie.....	62,442	996	16.0	991	5		
343	Harrisburg.....	57,601	831	14.4	724	107		
344	Hazleton.....	16,245	179	11.0	179			
345	Homestead.....	16,660	254	15.2	234	20		
346	Johnstown.....	45,555	730	16.0	712	18		
347	Lancaster.....	49,017	699	14.3	679	20		
348	Lebanon.....	19,998	272	13.6	270	2		
349	McKeesport.....	46,264	748	16.2	717	30		1
350	Mahanoy City.....	15,278	281	18.4	281			
351	Meadville.....	11,939	190	15.9	184	6		
352	Mt. Carmel.....	17,120	231	13.5	231			
353	Nanticoke.....	13,772	287	20.8	287			
354	Newcastle.....	40,201	494	12.3	485	9		
355	Norristown.....	24,243	591	24.4	558	33		

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COLOR, NATIVITY, AND MONTH OF DEATH.

LATION, AND DISTRIBUTION OF DEATHS, BY COLOR, AND BY MONTH OF DEATH, FOR THE REGISTRATION AREA, STATES, AND REGISTRATION CITIES: 1908—Continued.

DEATHS BY MONTH OF OCCURRENCE.												
January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.
32	38	36	39	33	25	42	35	46	37	38	36	283
40	46	38	53	47	24	34	33	43	31	32	30	284
11	8	16	20	13	9	17	9	8	11	17	10	285
30	36	36	33	34	31	27	30	41	31	38	32	286
17	7	13	10	14	13	10	10	16	7	13	10	287
41	27	27	33	29	21	34	43	35	29	28	28	288
16	37	31	25	17	20	27	18	16	9	16	22	289
11	13	5	13	8	2	9	16	13	10	10	11	290
14	19	17	20	14	7	9	15	15	9	13	9	291
44	52	32	43	50	38	36	42	45	52	35	36	292
282	252	246	245	246	200	218	238	244	226	217	198	293
40	35	34	31	38	30	30	35	33	24	20	39	294
27	24	17	32	17	21	18	29	25	11	17	18	295
86	80	88	66	61	52	91	72	70	91	68	90	296
202	187	180	163	156	137	180	185	190	157	158	148	297
156	139	117	129	126	116	143	148	120	111	112	124	298
118	128	110	130	123	96	137	138	115	104	95	103	299
45	48	38	39	23	31	36	35	26	27	33	29	300
23	34	28	21	23	21	18	15	11	25	12	19	301
100	82	73	39	70	83	120	94	82	87	102	91	302
38	44	38	34	40	44	47	32	27	40	44	27	303
44	58	50	42	59	54	52	56	40	38	37	52	304
30	22	22	34	27	14	10	19	10	20	17	10	305
26	14	21	12	11	17	15	13	15	15	14	17	306
48	37	30	38	42	29	35	35	45	36	28	41	307
16	22	20	9	18	25	19	23	16	18	13	18	308
706	606	668	551	506	456	564	469	453	474	494	503	309
689	614	671	581	556	509	654	615	513	561	545	486	310
246	193	247	269	216	213	189	207	203	172	182	152	311
133	135	154	115	111	116	120	112	81	129	143	112	312
9	20	18	15	23	10	10	20	13	18	7	9	313
52	53	40	52	41	27	36	35	36	41	38	24	314
13	20	16	10	8	15	14	5	11	12	12	7	315
43	33	27	25	16	26	25	33	29	18	24	32	316
16	10	16	14	13	7	8	16	15	14	13	15	317
20	22	12	15	9	9	12	14	6	9	8	4	318
5	12	11	16	8	14	15	11	11	9	12	11	319
30	27	31	31	29	15	23	22	27	22	27	23	320
40	43	28	21	27	13	23	23	22	26	19	31	321
7	14	12	15	20	3	10	10	14	6	12	6	322
229	233	207	215	213	140	169	207	195	193	198	169	323
92	79	86	63	75	70	92	99	80	78	76	66	324
138	163	179	152	151	117	125	144	186	156	116	158	325
71	69	78	56	46	53	67	67	73	77	60	66	326
84	70	73	60	62	38	51	45	58	51	41	39	327
16	13	15	12	13	9	18	15	11	11	16	8	328
48	46	46	32	28	37	31	37	30	26	25	24	329
28	12	19	15	12	10	8	18	9	20	19	16	330
16	27	24	22	19	13	24	36	21	21	15	11	331
26	14	31	31	21	13	14	22	30	25	13	21	332
14	23	17	15	9	9	6	19	8	15	13	12	333
25	18	12	13	15	13	11	16	13	18	22	14	334
48	53	63	64	56	45	62	39	49	39	44	41	335
10	21	12	12	10	6	13	14	13	12	18	12	336
12	11	11	11	9	13	6	7	14	10	7	1	337
16	11	13	7	11	2	9	12	14	13	9	16	338
18	35	21	22	22	16	24	17	19	16	30	15	339
21	18	12	13	8	19	21	18	23	23	22	17	340
43	44	32	36	35	25	31	39	26	21	84	26	341
105	93	113	115	88	76	81	56	68	71	73	57	342
90	69	78	72	57	56	61	69	79	51	71	78	343
11	16	13	19	12	15	16	20	16	11	14	16	344
37	33	18	15	18	19	31	19	15	15	14	20	345
86	53	70	51	48	49	77	73	60	44	48	71	346
57	64	73	48	49	48	60	56	65	39	63	77	347
41	17	17	23	21	16	19	30	24	21	21	22	348
79	71	56	51	53	66	86	63	62	51	63	47	349
29	24	24	22	22	15	39	24	24	23	24	11	350
20	14	16	20	13	13	8	12	14	14	16	30	351
18	21	16	23	19	21	21	19	22	19	16	16	352
14	22	24	14	30	23	39	22	27	30	20	22	353
49	50	49	28	43	25	35	40	50	42	45	38	354
61	65	56	40	46	33	49	42	49	51	48	51	355

MORTALITY STATISTICS.

TABLE 1.—ESTIMATED POPULATION, DEATHS (EXCLUSIVE OF STILLBIRTHS), DEATH RATES PER 1,000 OF POPULATIONS MAIN SUBDIVISIONS, THE REGISTRATION

REGISTRATION AREA.	Estimated population, June 1, 1908.	TOTAL DEATHS.		DEATHS BY COLOR.				
		Number.	Death rate per 1,000.	White.	Negro.	Indian.	Chinese.	Japanese.
REGISTRATION CITIES—Continued.								
PENNSYLVANIA—continued.								
356 Oil City.....	15,128	194	12.8	189	5			
357 Philadelphia.....	1,491,082	25,925	17.4	23,697	2,209	2	16	2
358 Phoenixville.....	9,740	181	18.6	179				
359 Pittsburg ¹	547,523	9,030	16.5	8,410	612		8	
360 Pittston.....	14,358	316	22.0	316				
361 Plymouth.....	17,094	260	15.2	259	1			
362 Pottstown.....	14,024	210	15.0	209	1			
363 Pottsville.....	16,983	302	21.3	301	1			
364 Reading.....	95,201	1,371	14.4	1,355	15			
365 Scranton.....	123,959	2,051	16.5	2,040	11			
366 Shamokin.....	21,241	262	12.3	261	1			
367 Sharon.....	12,277	212	17.3	207	5			
368 Shenandoah.....	23,823	479	20.1	479				
369 South Bethlehem.....	15,592	260	16.7	259	1			
370 Steelton.....	14,483	193	13.3	194	29			
371 Sunbury.....	11,356	155	13.6	153	2			
372 Titusville.....	8,380	124	14.8	121	3			
373 Warren.....	11,441	118	10.3	117			1	
374 West Chester.....	10,722	236	22.0	172	64			
375 Wilkes-Barre.....	62,922	997	15.8	982	15			
376 Wilkesburg.....	19,114	242	12.7	236	6			
377 Williamsport.....	30,058	510	17.0	492	18			
378 York.....	40,986	591	14.4	553	28			
RHODE ISLAND.								
379 Central Falls.....	20,213	230	16.3	330				
380 Cranston town.....	20,105	535	26.6	507	28			
381 Cumberland town.....	9,649	100	10.4	100				
382 East Providence town.....	14,716	213	14.5	207	6			
383 Lincoln town.....	9,393	131	13.9	131				
384 Newport.....	26,597	343	12.9	310	33			
385 Pawtucket.....	45,871	727	15.8	725	2			
386 Providence.....	212,457	3,574	16.8	3,438	134		2	
387 Warwick town.....	26,846	438	16.3	430	8			
388 Woonsocket.....	34,590	502	14.5	502				
SOUTH CAROLINA. ²								
389 Charleston.....	56,487	1,536	27.2	435	1,101			
SOUTH DAKOTA.								
390 Sioux Falls.....	13,487	170	12.6	170				
TENNESSEE. ²								
391 Knoxville.....	37,189	652	17.5	445	206		1	
392 Memphis.....	132,581	2,320	17.5	1,057	1,263			
393 Nashville.....	105,877	2,114	20.0	1,066	1,048			
TEXAS. ²								
394 Galveston.....	36,094	620	17.2	431	188		1	
395 San Antonio.....	65,839	1,754	26.6	1,536	217		1	
UTAH. ²								
396 Ogden.....	17,451	289	16.6	280	1		1	7
397 Salt Lake City.....	63,612	1,155	18.2	1,129	17	1	3	5
VERMONT.								
398 Barre.....	11,888	147	12.4	147				
399 Bennington town.....	9,345	126	13.5	124	2			
400 Burlington.....	21,880	399	18.2	398	1			
401 Rutland.....	12,116	213	17.6	213				
VIRGINIA. ²								
402 Alexandria.....	14,679	284	19.3	168	116			
403 Danville.....	19,454	444	22.8	242	202			
404 Lynchburg.....	28,850	440	15.3	241	199			
405 Manchester.....	10,090	175	17.3	104	71			
406 Norfolk.....	70,130	1,434	20.4	655	779			
407 Petersburg.....	21,810	626	28.7	230	396			
408 Richmond.....	107,844	2,486	23.1	1,261	1,224	1		
WASHINGTON.								
409 Seattle.....	(*)	1,950	(*)	1,872	23	2	8	45
410 Spokane.....	(*)	1,247	(*)	1,222	16		3	6
411 Tacoma.....	(*)	810	(*)	780	11	4		15
412 Walla Walla.....	(*)	239	(*)	232	1	1	3	2
WEST VIRGINIA. ²								
413 Wheeling.....	42,364	674	15.9	645	29			

¹ Includes Allegheny.² Nonregistration state; cities stated below only those with effective local ordinances.

COLOR, NATIVITY, AND MONTH OF DEATH.

LATION, AND DISTRIBUTION OF DEATHS, BY COLOR, AND BY MONTH OF DEATH, FOR THE REGISTRATION AREA, STATES, AND REGISTRATION CITIES: 1908—Continued.

DEATHS BY MONTH OF OCCURRENCE.												
January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.
21	16	27	16	12	9	15	15	13	21	11	18	356
2,722	2,454	2,458	2,198	2,069	1,962	2,250	1,997	1,818	1,834	1,979	2,185	357
12	21	18	18	14	9	11	16	17	22	14	9	358
1,249	944	819	732	654	597	713	651	693	671	637	665	359
30	26	30	19	20	21	31	35	13	33	36	22	360
26	25	21	21	19	19	24	24	25	23	12	13	361
21	18	19	12	19	15	19	15	18	15	21	18	362
39	29	25	33	34	27	31	30	27	27	24	36	363
148	109	148	97	90	98	123	118	83	106	140	111	364
194	173	164	153	175	150	225	186	148	171	147	160	365
17	28	27	21	14	19	21	24	31	21	20	19	366
32	25	22	20	13	6	12	23	14	12	19	14	367
30	23	44	34	30	49	58	64	35	36	41	35	368
25	16	25	15	16	15	29	34	30	13	19	23	369
22	20	31	17	18	8	19	14	11	11	12	10	370
18	18	7	16	9	11	9	11	13	13	12	18	371
10	7	18	12	9	10	6	11	11	10	8	12	372
14	7	12	15	8	5	5	9	9	10	9	13	373
33	13	21	21	23	17	24	19	23	12	15	15	374
92	101	99	69	72	60	98	68	88	79	81	90	375
40	19	21	14	17	19	24	20	18	20	15	15	376
54	48	52	42	36	28	43	42	46	43	44	32	377
60	67	74	55	43	46	43	64	31	41	40	27	378
36	33	36	21	22	24	30	29	25	30	19	25	379
54	35	52	51	38	37	51	55	44	34	44	40	380
6	8	5	9	16	9	16	13	7	5	4	2	381
18	20	16	20	17	21	21	17	17	15	15	16	382
11	14	20	12	6	7	12	18	10	8	4	9	383
36	28	28	31	26	27	29	33	25	18	34	28	384
85	64	74	60	62	55	68	50	51	36	60	62	385
389	365	355	307	315	241	298	256	272	266	256	263	386
47	31	38	44	38	24	47	40	30	37	32	30	387
38	42	52	31	51	35	49	60	44	39	31	30	388
133	137	126	97	176	151	159	114	109	107	139	88	389
18	20	18	11	16	15	14	12	7	21	9	9	390
70	65	68	48	70	42	59	35	52	50	33	60	391
208	178	201	151	196	203	206	186	207	208	180	196	392
204	199	219	175	174	185	171	161	155	152	164	155	393
61	48	41	48	54	45	50	69	43	50	58	53	394
211	171	163	183	167	140	112	100	110	133	130	134	395
29	30	35	26	30	20	13	21	25	25	19	16	396
135	110	113	98	99	82	73	70	78	98	109	90	397
9	11	7	15	16	11	16	14	11	11	14	12	398
15	14	5	14	16	6	9	11	7	15	5	9	399
30	34	47	39	29	40	42	22	31	31	25	29	400
19	20	17	22	19	13	18	22	13	12	16	22	401
37	26	24	21	18	22	27	23	20	21	23	22	402
53	58	39	29	34	46	37	41	17	34	30	26	403
43	31	40	27	28	39	63	35	36	39	27	32	404
21	14	18	7	14	16	18	12	13	14	14	14	405
137	135	127	118	106	125	116	130	113	117	106	104	406
62	65	51	39	43	72	55	54	51	48	41	45	407
269	235	223	187	217	240	219	205	166	171	171	182	408
178	152	187	154	167	152	145	173	171	163	144	164	409
96	95	128	101	100	81	98	124	123	128	87	86	410
74	80	78	64	74	68	55	53	69	78	56	61	411
16	20	22	27	19	18	12	18	23	26	18	20	412
65	73	70	62	64	55	51	48	46	31	49	60	413

^a Population not estimated.

MORTALITY STATISTICS.

TABLE 1.—ESTIMATED POPULATION, DEATHS (EXCLUSIVE OF STILLBIRTHS), DEATH RATES PER 1,000 OF POPULATION, ITS MAIN SUBDIVISIONS, THE REGISTRATION

REGISTRATION AREA.		Estimated population, June 1, 1908.	TOTAL DEATHS.		DEATHS BY COLOR.				
			Number.	Death rate per 1,000.	White.	Negro.	Indian.	Chinese.	Japanese.
REGISTRATION CITIES—Continued.									
WISCONSIN.									
414	Appleton.....	18,149	243	13.4	242	1			
415	Ashland.....	15,386	203	13.2	195	1	7		
416	Beloit.....	14,306	153	10.7	152	1			
417	Chippewa Falls.....	9,568	147	15.4	147				
418	Eau Claire.....	19,469	256	13.1	256				
419	Fond du Lac.....	18,588	254	13.7	253	1			
420	Green Bay.....	25,356	453	17.9	449	2	2		
421	Janesville.....	14,121	197	14.0	197				
422	Kenosha.....	18,887	235	12.4	235				
423	La Crosse.....	29,187	385	13.2	383	2			
424	Madison.....	26,782	256	9.6	256				
425	Manitowoc.....	13,300	170	12.8	170				
426	Marinette.....	14,850	172	11.6	170		2		
427	Merrill.....	9,593	118	12.3	116		2		
428	Milwaukee.....	327,873	4,446	13.6	4,434	12			
429	Oshkosh.....	31,949	445	13.9	445				
430	Racine.....	34,202	400	11.7	398	2			
431	Sheboygan.....	24,664	308	12.5	308				
432	Stevens Point.....	8,722	164	18.8	164				
433	Superior.....	39,827	381	9.6	380	1			
434	Watertown.....	8,733	103	11.8	103				
435	Wausau.....	15,720	201	12.8	201				

COLOR, NATIVITY, AND MONTH OF DEATH.

LATION, AND DISTRIBUTION OF DEATHS, BY COLOR, AND BY MONTH OF DEATH, FOR THE REGISTRATION AREA, STATES, AND REGISTRATION CITIES: 1908—Continued.

DEATHS BY MONTH OF OCCURRENCE.												
January.	February.	March.	April.	May.	June.	July.	August.	September	October.	November.	December.	Unknown.
31	17	20	25	18	25	15	9	25	18	18	22	414
23	23	14	26	18	7	15	16	15	12	11	23	415
19	17	9	13	15	17	13	9	9	9	11	12	416
14	15	7	11	13	14	7	10	18	18	11	9	417
27	17	17	19	16	23	29	21	25	26	16	20	418
19	19	16	23	21	18	26	15	34	23	21	19	419
26	41	39	47	37	27	39	44	47	44	27	35	420
13	18	22	21	12	11	13	13	16	19	20	19	421
21	25	16	26	9	14	21	25	21	25	16	15	422
50	31	48	30	26	27	34	29	29	28	17	35	423
31	24	25	22	22	14	18	29	10	22	20	19	424
13	18	22	9	13	14	14	14	15	9	17	12	425
17	14	11	14	17	11	17	6	19	17	18	11	426
13	11	11	13	12	7	7	8	13	10	5	8	427
384	430	439	406	365	354	364	379	341	354	282	348	428
49	43	42	32	41	30	36	27	42	42	30	31	429
32	51	47	45	33	24	31	28	29	27	28	23	430
28	36	33	37	20	25	18	18	28	21	24	20	431
15	13	13	13	12	7	17	13	10	19	16	16	432
46	29	26	32	38	31	24	28	34	38	30	23	433
10	10	10	6	16	5	7	6	5	9	9	10	434
22	14	12	19	23	19	7	13	18	24	14	15	435

MORTALITY STATISTICS.

TABLE 2.—DEATHS (EXCLUSIVE OF STILLBIRTHS), CLASSIFIED BY AGE, FOR THE REGISTRATION

	REGISTRATION AREA.	AGE.										
		All ages.	Under 1	1	2	3	4	Under 5	5 to 9	10 to 14	15 to 19	20 to 24
SUMMARIES.												
1	The registration area.....	691,574	136,432	27,833	12,415	7,739	5,446	189,865	15,822	10,588	18,145	27,137
2	Registration cities.....	448,113	92,314	19,442	8,426	5,274	3,730	129,186	10,506	6,683	11,832	18,652
3	Registration states.....	567,245	113,165	23,045	10,250	6,448	4,504	157,412	13,018	8,632	14,263	20,872
4	Cities in registration states.....	323,784	69,047	14,654	6,261	3,983	2,788	96,733	7,702	4,727	7,950	12,387
5	Rural part of registration states.....	243,461	44,118	8,391	3,989	2,465	1,716	60,679	5,316	3,905	6,313	8,485
6	Registration cities in other states.....	124,329	23,267	4,788	2,165	1,291	942	32,453	2,804	1,956	3,882	6,265
REGISTRATION STATES.												
7	California.....	31,264	3,566	625	363	231	181	4,966	634	460	803	1,385
8	Colorado.....	10,923	1,854	378	205	150	111	2,698	307	216	382	642
9	Connecticut.....	15,991	3,242	567	229	134	109	4,281	294	197	345	533
10	Indiana.....	34,029	5,457	1,207	554	290	201	7,709	673	577	1,025	1,416
11	Maine.....	11,503	2,019	278	133	105	62	2,597	213	178	240	384
12	Maryland (total).....	20,177	4,258	804	330	201	148	5,741	491	337	622	804
13	White.....	14,920	3,011	565	210	137	92	4,015	343	207	387	522
14	Colored.....	5,257	1,247	239	120	64	56	1,726	148	130	235	282
15	Massachusetts.....	51,523	11,307	2,171	905	594	423	15,400	1,094	635	1,040	1,491
16	Michigan.....	36,505	7,395	1,245	601	359	242	9,842	752	598	1,038	1,357
17	New Hampshire.....	7,157	1,350	199	101	60	37	1,747	118	87	128	206
18	New Jersey.....	35,526	7,810	1,639	686	439	300	10,874	869	518	822	1,275
19	New York.....	138,883	26,598	6,047	2,600	1,650	1,147	38,042	3,180	1,868	3,118	4,724
20	Pennsylvania.....	112,246	26,643	5,820	2,502	1,528	1,065	37,558	2,870	1,741	2,951	4,234
21	Rhode Island.....	8,271	1,760	350	154	97	67	2,428	168	113	181	271
22	South Dakota.....	4,946	1,023	265	136	97	59	1,580	189	146	184	207
23	Vermont.....	5,639	844	128	51	45	26	1,094	86	67	115	153
24	Washington.....	9,566	1,397	245	166	115	80	2,003	255	241	367	558
25	Wisconsin.....	26,960	5,543	905	455	305	207	7,415	726	560	741	993
REGISTRATION CITIES.												
ALABAMA. ¹												
26	Birmingham (total).....	1,109	139	63	18	13	10	243	28	31	53	114
27	White.....	517	60	31	8	6	2	107	15	18	20	49
28	Colored.....	592	79	32	10	7	8	136	13	13	33	65
29	Mobile (total).....	1,140	180	40	9	14	4	247	26	12	44	80
30	White.....	522	70	18	3	8	1	100	16	4	15	27
31	Colored.....	618	110	22	6	6	3	147	10	8	29	53
32	Montgomery (total).....	797	83	36	20	4	5	148	17	16	55	61
33	White.....	254	20	6	6	1	1	34	6	1	10	6
34	Colored.....	543	63	30	14	3	4	114	11	15	45	55
CALIFORNIA.												
35	Alameda.....	344	35	6	1	-----	1	43	7	-----	8	6
36	Berkeley.....	448	52	13	6	-----	1	72	9	7	15	15
37	Fresno (total).....	369	74	14	9	6	2	105	12	11	8	26
38	White.....	317	68	12	8	6	2	96	11	10	6	24
39	Colored ²	52	6	2	1	-----	-----	9	1	1	2	2
40	Los Angeles.....	3,750	427	67	49	38	21	602	66	54	101	193
41	Oakland.....	1,647	206	33	22	7	7	275	28	20	39	72
42	Pasadena.....	371	21	5	5	4	2	37	7	2	8	20
43	Sacramento.....	758	120	19	14	3	6	162	22	11	16	35
44	San Diego.....	698	62	9	5	5	5	86	8	13	16	26
45	San Francisco.....	6,260	778	135	67	44	35	1,059	104	83	122	254
46	San Jose.....	389	39	5	7	5	-----	56	7	8	11	17
47	Stockton.....	483	41	3	2	2	1	49	4	4	7	17
COLORADO.												
48	Colorado Springs.....	473	39	9	8	2	5	63	9	7	19	30
49	Denver.....	3,668	494	98	45	38	24	699	82	55	108	213
50	Leadville.....	153	32	5	3	3	-----	43	1	2	4	7
51	Pueblo.....	605	107	18	14	4	4	147	20	12	21	28
CONNECTICUT.												
52	Ansonia.....	211	72	15	2	3	4	96	5	2	2	5
53	Bridgeport.....	1,397	341	60	20	19	9	449	27	17	42	60
54	Bristol town.....	162	50	4	3	-----	-----	57	1	4	3	1
55	Danbury town.....	340	45	6	1	2	2	56	4	5	10	8
56	Greenwich town.....	277	63	14	2	2	1	82	4	4	8	9
57	Hartford.....	1,459	262	43	24	6	11	346	31	23	36	62
58	Manchester town.....	112	23	1	-----	-----	-----	24	1	2	4	1
59	Meriden town.....	438	89	13	5	5	2	114	4	2	9	16
60	Middletown town.....	436	56	7	3	6	1	73	2	3	12	17
61	Naugatuck.....	122	35	6	6	-----	3	50	3	2	3	2
62	New Britain.....	548	193	37	10	4	3	247	12	9	11	16
63	New Haven.....	2,121	391	95	32	21	8	547	48	26	50	78
64	New London.....	317	53	10	6	1	2	72	3	1	5	13
65	Norwalk town.....	366	58	13	3	1	3	78	8	4	11	13
66	Norwich town.....	446	72	7	8	1	2	80	9	9	9	15
67	Stamford town.....	438	96	18	14	7	1	136	7	3	5	14
68	Stonington town.....	134	30	6	3	3	4	46	4	-----	2	2
69	Torrington town.....	182	64	11	3	3	4	85	5	1	4	4
70	Vernon town.....	118	24	4	2	-----	1	31	1	4	2	1
71	Wallingford town.....	145	33	14	3	2	-----	52	1	1	3	6
72	Waterbury.....	1,057	278	73	14	15	18	398	29	12	27	47
73	Windham town.....	210	45	1	4	2	-----	53	2	2	5	8

¹Nonregistration state; cities stated below only those with effective local ordinances.

DEATHS CLASSIFIED BY AGE.

AREA, ITS MAIN SUBDIVISIONS, THE REGISTRATION STATES, AND REGISTRATION CITIES: 1908.

AGE—continued.															
25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to 79	80 to 84	85 to 89	90 to 94	95 and over.	Un-known.
28,635	29,056	31,188	30,566	32,717	34,128	34,738	39,417	41,506	41,306	37,419	27,219	14,787	4,932	1,502	901
20,322	20,928	22,555	22,417	23,556	23,866	23,392	25,429	24,702	22,560	18,749	12,842	6,730	2,153	737	316
22,144	22,734	24,378	23,823	25,575	27,111	28,187	32,500	35,064	35,516	32,580	23,952	13,084	4,402	1,262	756
13,831	14,006	15,745	15,074	16,414	16,849	16,821	18,512	18,260	16,770	13,910	9,575	5,027	1,623	497	171
8,313	8,128	8,633	8,149	9,161	10,262	11,846	13,988	16,804	18,746	18,670	14,377	8,057	2,779	765	585
6,491	6,322	6,810	6,743	7,142	7,017	6,371	6,917	6,442	5,790	4,839	3,267	1,703	530	240	145
1,581	1,706	1,775	1,705	1,836	1,876	1,774	2,055	2,137	2,191	2,027	1,332	635	182	66	138
779	735	704	619	611	550	510	481	436	446	356	219	124	35	10	13
559	567	657	644	720	757	849	991	1,032	1,125	973	757	444	160	37	49
1,315	1,260	1,270	1,222	1,413	1,553	1,774	2,042	2,454	2,641	2,439	1,795	977	301	94	79
279	324	374	377	418	483	543	662	850	1,052	998	786	472	187	49	37
856	803	817	850	872	969	1,000	1,168	1,268	1,189	1,069	729	353	122	51	66
590	583	561	585	602	708	783	944	1,049	1,016	908	643	304	95	26	49
266	220	256	265	270	261	217	224	219	173	161	85	49	27	25	17
1,758	1,917	2,004	2,024	2,110	2,398	2,712	3,078	3,342	3,448	2,911	2,247	1,307	464	110	33
1,240	1,231	1,194	1,194	1,401	1,567	1,845	2,124	2,419	2,628	2,599	1,871	1,099	364	96	51
187	220	197	247	272	313	342	442	493	607	592	468	294	126	33	38
1,379	1,517	1,683	1,580	1,634	1,729	1,736	2,010	2,114	1,942	1,767	1,205	600	203	59	10
5,400	5,923	6,689	6,720	7,062	7,272	7,152	8,296	8,442	8,082	7,292	5,276	3,003	1,035	281	26
4,331	4,202	4,526	4,227	4,586	4,771	5,057	5,875	6,276	6,307	5,719	4,176	2,036	636	182	5
278	326	382	337	331	391	472	545	519	529	424	325	163	63	21	4
202	182	184	153	193	199	185	217	241	303	424	175	107	39	13	21
179	154	163	165	186	259	312	364	482	487	504	436	281	103	41	3
585	532	546	541	562	520	477	452	506	458	446	252	142	36	12	75
901	829	887	876	1,057	1,134	1,105	1,301	1,571	1,737	1,965	1,688	944	317	105	108
107	88	78	68	57	56	44	40	36	27	10	16	6	3	2	2
46	36	35	26	27	30	28	23	20	14	6	11	5	1	1	1
61	52	43	42	30	26	16	17	16	13	4	5	1	2	2	2
76	68	69	86	77	71	52	70	47	40	39	21	8	3	4	28
28	35	27	39	32	36	26	33	29	25	29	15	4	2	2	30
48	33	42	47	45	35	26	37	18	15	10	6	4	1	4	31
51	37	44	36	52	56	47	29	27	34	24	42	12	3	5	1
9	11	16	11	17	24	26	14	16	19	13	14	6	1	1	33
42	26	28	25	35	32	21	15	11	15	11	28	6	3	4	34
15	17	16	19	14	27	22	20	27	31	33	21	9	4	5	35
13	10	18	20	24	34	33	34	35	43	29	17	14	3	2	36
24	27	15	21	21	16	16	13	15	12	9	13	3	2	1	37
20	21	13	16	18	12	10	9	13	11	9	13	2	2	2	38
4	6	2	5	3	4	6	4	2	1	1	13	3	2	2	39
225	265	243	238	232	239	217	251	230	230	178	112	62	9	3	40
69	71	63	89	90	101	122	148	130	114	99	65	35	13	2	2
24	27	17	16	17	15	25	29	40	26	36	13	8	1	1	41
42	44	54	45	46	41	35	46	36	38	38	28	11	3	1	42
36	27	25	38	35	45	54	49	77	58	50	33	11	5	1	5
323	378	451	374	426	418	389	407	398	394	357	201	91	22	3	6
13	24	12	18	19	28	21	31	31	27	29	21	12	2	2	45
20	30	41	35	42	38	29	37	46	24	30	20	3	2	1	46
51	40	42	35	36	23	22	24	21	21	14	7	7	2	2	47
293	310	274	238	225	201	199	171	193	160	120	73	42	7	4	48
2	2	8	7	8	18	15	13	8	3	7	4	1	1	1	49
49	46	50	37	50	33	29	20	19	20	12	5	4	1	2	50
3	4	5	9	12	5	4	10	15	16	9	4	3	7	2	51
66	56	67	61	71	71	90	76	62	77	39	41	18	7	1	2
3	7	4	11	4	10	9	6	10	13	9	8	1	1	1	52
16	15	17	20	24	24	26	28	17	25	19	17	2	4	2	53
8	5	11	9	18	9	9	19	23	11	24	15	5	3	1	54
64	73	78	84	83	67	87	96	93	95	67	37	25	10	2	55
6	2	4	8	6	7	1	10	7	11	10	5	3	3	1	56
21	18	15	22	23	24	20	38	32	27	22	17	10	3	1	57
23	20	19	23	16	30	27	30	34	32	39	21	12	3	3	58
4	3	7	3	2	7	7	9	6	6	1	3	2	2	2	59
21	13	24	18	24	17	25	30	25	18	11	16	8	1	1	60
82	89	110	85	116	121	120	137	132	133	99	84	47	12	3	2
17	12	14	12	19	18	20	18	27	15	19	8	9	6	2	7
18	7	15	17	17	16	20	20	29	30	31	16	13	3	3	64
14	22	16	22	22	25	24	28	45	33	24	22	11	6	6	66
13	18	16	24	19	22	24	26	25	27	21	21	9	4	4	67
1	2	2	9	5	2	4	9	12	11	8	8	5	2	2	68
9	2	5	5	3	6	6	10	9	7	8	8	2	3	3	69
9	2	3	5	2	4	6	13	9	11	11	9	7	3	1	70
35	49	45	45	47	40	56	53	51	51	31	21	12	7	1	71
8	2	8	9	8	11	13	14	10	24	12	10	7	3	3	72

* Chiefly Chinese and Japanese.

MORTALITY STATISTICS.

TABLE 2.—DEATHS (EXCLUSIVE OF STILLBIRTHS), CLASSIFIED BY AGE, FOR THE REGISTRATION AREA.

REGISTRATION AREA.		AGE.										
		All ages.	Under 1	1	2	3	4	Under 5	5 to 9	10 to 14	15 to 19	20 to 24
REGISTRATION CITIES—Continued.												
DELAWARE. ¹												
74	Wilmington (total).....	1,347	308	72	22	15	13	430	31	20	42	60
75	White.....	1,097	252	56	18	11	11	348	23	12	33	43
76	Colored.....	250	56	16	4	4	2	82	8	8	9	17
DISTRICT OF COLUMBIA.												
77	Washington (total).....	6,136	1,099	172	79	48	39	1,437	99	93	166	239
78	White.....	3,544	531	72	37	18	20	673	39	36	63	91
79	Colored.....	2,592	568	100	42	30	19	759	60	57	103	148
FLORIDA. ¹												
80	Jacksonville (total).....	1,090	178	37	20	9	7	251	20	6	38	89
81	White.....	411	79	15	6	2	.....	102	6	4	4	30
82	Colored.....	679	99	22	14	7	7	149	14	2	34	59
83	Key West (total).....	408	144	21	7	4	.....	176	12	4	7	16
84	White.....	266	96	17	3	3	.....	119	7	2	4	10
85	Colored.....	142	48	4	4	1	.....	57	5	2	3	6
GEORGIA. ¹												
86	Atlanta (total).....	2,311	404	106	48	29	17	604	61	33	102	165
87	White.....	1,231	189	65	33	14	11	312	30	20	42	80
88	Colored.....	1,080	215	41	15	15	6	292	31	13	60	85
89	Savannah (total).....	1,492	331	60	19	18	13	441	27	29	35	100
90	White.....	518	105	24	8	7	4	148	7	10	6	25
91	Colored.....	974	226	36	11	11	9	293	20	19	29	75
ILLINOIS. ¹												
92	Aurora.....	379	61	10	4	6	4	85	11	4	5	11
93	Belleville.....	333	60	4	7	3	1	75	6	9	10	12
94	Chicago (total).....	30,388	6,888	1,453	622	401	279	9,643	763	430	763	1,241
95	White.....	29,384	6,781	1,413	602	395	269	9,460	745	418	725	1,183
96	Colored.....	1,004	107	40	20	6	10	183	18	12	38	58
97	Decatur.....	345	48	12	6	2	3	71	5	4	11	13
98	Evanston.....	241	40	8	3	2	2	55	3	7	10	9
99	Jacksonville.....	329	19	4	4	1	2	30	3	5	7	10
100	Ottawa.....	144	20	6	1	1	1	29	3	3	3	4
101	Quincy.....	577	64	11	6	2	2	85	15	4	19	23
102	Springfield.....	764	126	23	16	4	6	175	14	18	21	34
INDIANA. ¹												
103	Anderson.....	247	41	5	2	3	2	53	3	3	9	11
104	Columbus.....	129	22	5	2	1	.....	30	3	3	5	8
105	Elkhart.....	233	43	8	1	4	3	59	1	7	2	4
106	Elwood.....	127	29	12	.....	.....	1	42	5	.....	3	7
107	Evansville (total).....	904	143	27	15	11	12	208	24	22	36	50
108	White.....	758	122	21	10	6	10	169	18	20	30	45
109	Colored.....	146	21	6	5	5	2	39	6	2	6	5
110	Fort Wayne.....	815	127	25	9	5	1	167	18	21	25	52
111	Hammond.....	288	84	7	8	4	2	105	2	5	10	19
112	Huntington.....	113	13	1	2	1	1	18	1	7	5	5
113	Indianapolis (total).....	3,171	429	81	37	29	12	588	64	43	119	140
114	White.....	2,687	352	58	27	23	9	469	54	35	89	105
115	Colored.....	484	77	23	10	6	3	119	10	8	30	35
116	Jeffersonville (total).....	142	21	2	1	.....	.....	24	3	2	4	8
117	White.....	115	18	1	1	.....	.....	20	3	1	3	7
118	Colored.....	27	3	1	.....	.....	.....	4	.....	1	1	1
119	Kokomo.....	240	34	14	6	4	.....	58	8	10	5	6
120	Lafayette.....	344	37	7	2	2	2	50	7	3	7	15
121	Logansport.....	308	38	8	5	1	.....	52	7	2	10	12
122	Marion.....	218	37	4	2	2	1	46	5	4	6	9
123	Michigan City.....	245	52	5	2	2	.....	61	6	.....	6	13
124	Muncie.....	343	70	15	4	1	3	93	6	5	8	14
125	New Albany.....	351	36	11	1	7	2	57	8	7	13	17
126	Peru.....	116	16	3	2	1	1	23	3	2	5	4
127	Richmond.....	292	35	8	3	1	3	50	6	4	3	13
128	South Bend.....	659	175	21	12	5	5	213	13	14	18	29
129	Terre Haute.....	842	132	21	18	7	7	185	17	11	18	48
130	Vincennes.....	260	44	17	3	3	3	70	10	3	5	10
131	Wabash.....	136	15	5	4	.....	.....	25	2	2	4	5
132	Washington.....	125	25	5	2	4	1	37	3	1	3	6
KANSAS. ¹												
133	Kansas City (total).....	996	182	38	18	9	10	257	18	18	37	50
134	White.....	815	154	32	13	7	10	216	16	15	26	38
135	Colored.....	181	28	6	5	2	.....	41	2	3	11	12
136	Leavenworth (total).....	311	41	7	3	4	2	57	6	7	9	10
137	White.....	247	33	7	2	2	1	45	5	6	6	9
138	Colored.....	64	8	.....	1	2	1	12	1	1	3	1
139	Wichita.....	548	71	11	5	3	5	95	20	10	21	25
KENTUCKY. ¹												
140	Covington.....	758	91	43	20	8	13	175	13	13	20	35
141	Louisville (total).....	3,740	527	106	69	27	32	761	70	78	149	213
142	White.....	2,614	397	75	37	17	21	547	38	50	93	124
143	Colored.....	1,126	130	31	32	10	11	214	32	28	56	89
144	Newport.....	489	79	15	13	6	5	118	15	6	18	9
145	Paducah (total).....	376	43	21	11	8	3	86	11	5	21	27
146	White.....	228	28	12	8	5	3	56	7	.....	6	21
147	Colored.....	148	15	9	3	3	.....	30	4	5	15	6

¹ Nonregistration state; cities stated below only those with effective local ordinances.

DEATHS CLASSIFIED BY AGE.

ITS MAIN SUBDIVISIONS, THE REGISTRATION STATES, AND REGISTRATION CITIES: 1908—Continued.

AGE—continued.															
25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to 79	80 to 84	85 to 89	90 to 94	95 and over.	Un-known.
52	59	58	41	51	79	77	70	86	62	54	45	21	7	2	74
42	49	43	32	37	65	60	62	78	56	48	42	16	6	2	75
10	10	15	9	14	14	17	8	8	6	6	3	5	1		76
335	306	321	337	311	370	322	397	412	344	278	215	103	29	22	77
157	145	157	186	180	216	206	289	313	280	222	178	81	20	7	78
178	161	164	151	131	154	116	108	99	64	56	37	22	9	15	79
102	83	66	74	73	76	34	47	33	32	27	21	2	6	5	80
35	22	19	26	25	25	19	19	18	20	18	12	2	2		81
67	61	47	48	48	51	15	28	15	12	9	9		4		82
20	17	18	18	17	8	14	18	22	17	10	5	6			83
12	9	9	11	12	6	8	11	16	15	9	3	2			84
8	8	9	7	5	2	6	7	6	2	1	2	4			85
166	145	125	120	120	127	132	115	98	61	61	40	21	6	9	86
68	68	61	58	52	64	81	80	68	53	52	28	11	1	2	87
98	77	64	62	68	63	51	35	30	9	9	12	10	5	7	88
92	86	107	119	70	89	45	56	58	51	41	26	10	5	2	89
23	21	30	26	28	31	20	25	35	26	26	22	6	2		90
69	65	77	93	42	58	25	31	23	25	15	4	4	3	2	91
12	14	9	19	18	18	25	25	30	18	25	26	15	6	3	92
16	13	12	9	15	11	16	26	30	16	16	27	16	4	1	93
1,304	1,386	1,082	1,686	1,839	1,699	1,608	1,586	1,368	1,243	990	673	347	94	38	94
1,212	1,299	1,584	1,577	1,775	1,622	1,556	1,546	1,340	1,221	973	668	345	93	37	95
92	87	98	109	64	77	52	40	28	22	17	5	2	1	1	96
9	11	13	24	15	19	26	17	25	23	31	16	6	4	1	97
14	10	12	13	12	16	8	11	14	17	15	8	3	2		98
12	16	23	11	24	24	16	22	29	28	31	18	11	5	1	99
2	4	9	6	4	4	9	10	11	6	18	11	4	3	1	100
19	24	28	23	29	33	31	38	47	54	42	33	24	5	1	101
38	34	31	38	40	45	50	59	37	37	38	36	9	7	2	102
11	17	14	18	15	15	8	19	11	20	5	6	3	2		103
9	4	3	4	1	9	9	8	11	3	11	1	2			104
11	7	9	6	13	19	19	15	15	14	16	12	2	3		105
5	6	4	3	4	4	10	5	6	8	8	6	1	1		106
48	39	33	47	48	44	44	64	54	45	52	29	9	6	2	107
36	33	23	37	38	35	36	56	51	40	49	27	9	5	1	108
12	6	10	10	10	9	8	8	3	5	3	2	1	1		109
47	35	32	29	41	46	52	33	55	58	41	33	21	7	2	110
15	23	23	16	9	12	10	11	4	8	7	5	2			111
3	2	4	2	6	5	6	9	9	8	8	8	5	1	1	112
144	173	183	164	195	193	190	221	222	185	173	97	59	11	6	113
107	142	151	135	165	161	169	206	201	173	165	93	55	9	2	114
37	31	32	29	30	32	21	15	21	12	8	4	4	2	4	115
7	7	4	4	9	9	6	12	8	12	8	8	5	1	1	116
6	5	3	3	2	3	8	12	7	11	6	7	4	1	1	117
1	2	1	1	7	1	1		1	1	2	1	1			118
14	11	8	11	17	10	11	12	12	13	16	14	2	1	1	119
15	17	18	19	21	18	15	18	25	37	25	17	9	5	2	120
13	12	18	14	23	11	19	18	20	27	25	22	4	8	1	121
11	5	8	13	5	11	19	15	17	15	15	7	1	3	3	122
15	8	12	16	13	8	9	13	20	11	12	8	8	5	1	123
14	17	15	16	18	12	26	17	23	20	14	14	6	3	2	124
13	14	17	12	15	22	22	20	26	34	22	22	4	3	1	125
4	7	4	7	5	8	4	4	10	8	7	6	3	2		126
14	4	11	14	20	16	11	20	29	26	22	16	10	2	1	127
22	26	22	22	32	27	34	28	41	41	36	17	12	6	1	128
41	35	48	46	33	52	54	46	62	51	37	30	22	2	3	129
20	11	10	10	12	14	17	9	12	18	16	7	5			130
4	4	5	3	4	5	9	5	5	12	14	6	7	2	2	131
4	5	2	5	5	3	5	8	8	13	9	4	3	1		132
79	51	64	43	50	63	54	66	47	34	33	17	9	2	2	133
58	39	49	31	42	54	44	58	40	32	31	17	7	2		134
21	12	15	12	8	9	10	8	7	2	2	2	2	2	2	135
16	10	10	15	16	17	13	18	19	31	22	22	8	2	2	136
7	10	7	11	10	17	9	13	16	26	21	19	8	1	1	137
9	3	3	4	6	4	4	5	3	5	3	1	3	1	2	138
20	34	24	21	25	26	30	30	49	39	39	20	7			139
38	36	47	42	27	39	31	46	53	50	48	23	18	4		140
204	218	180	190	231	236	213	232	225	192	158	97	65	17	5	141
120	125	112	118	148	156	156	167	194	165	139	90	57	13	4	142
84	93	68	72	83	80	57	65	31	27	19	7	8	4	5	143
33	23	23	18	31	21	24	32	28	34	22	18	13	3		144
23	25	28	20	21	20	12	24	21	13	2	8	5	2		145
12	14	10	16	12	10	8	11	18	10	2	8	4	2		146
11	11	18	4	9	10	4	13	3	3		1	1		1	147

MORTALITY STATISTICS.

TABLE 2.—DEATHS (EXCLUSIVE OF STILLBIRTHS), CLASSIFIED BY AGE, FOR THE REGISTRATION AREA,

REGISTRATION AREA.		AGE.										
		All ages.	Under 1	1	2	3	4	Under 5	5 to 9	10 to 14	15 to 19	20 to 24
REGISTRATION CITIES—Continued.												
LOUISIANA. ¹												
148	New Orleans (total).....	7,345	1,186	239	105	63	47	1,640	117	106	225	399
149	White.....	4,459	749	152	72	43	25	1,041	77	67	97	181
150	Colored.....	2,886	437	87	33	20	22	599	40	39	128	218
MAINE.												
151	Auburn.....	193	41	1	3	2	2	49	5	3	4	6
152	Augusta.....	275	45	8	1	1	1	56	6	5	9	10
153	Bangor.....	372	37	8	.....	3	3	51	1	10	10	20
154	Bath.....	155	23	8	1	2	1	35	3	4	1	5
155	Biddeford.....	305	98	17	4	3	2	124	11	4	12	11
156	Lewiston.....	484	132	17	9	6	9	173	16	6	19	22
157	Portland.....	1,028	159	21	7	4	6	197	19	18	22	40
158	Rockland.....	133	18	1	3	.....	1	23	1	2	4	4
159	Waterville.....	196	55	13	4	5	3	80	6	1	5	6
MARYLAND.												
160	Annapolis (total).....	220	60	9	4	5	2	80	7	7	6	7
161	White.....	88	12	1	1	.....	1	15	4	2	5	4
162	Colored.....	132	48	8	3	5	1	65	3	5	1	3
163	Baltimore (total).....	10,416	2,212	412	148	112	80	2,964	221	146	296	434
164	White.....	7,861	1,624	301	97	81	46	2,149	163	108	208	292
165	Colored.....	2,555	588	111	51	31	34	815	58	38	88	142
166	Cumberland (total).....	419	88	20	11	7	4	130	16	8	9	14
167	White.....	385	84	20	9	7	4	124	14	7	8	9
168	Colored.....	34	4	.....	2	.....	.....	6	2	1	1	5
169	Frederick (total).....	173	21	3	1	2	1	28	2	1	6	7
170	White.....	131	16	1	1	1	1	19	1	1	5	5
171	Colored.....	42	5	2	1	1	.....	9	1	.....	1	2
172	Hagerstown (total).....	283	53	10	6	4	.....	73	7	3	8	13
173	White.....	245	47	8	6	4	.....	65	5	3	6	11
174	Colored.....	38	6	2	.....	.....	.....	8	2	.....	2	2
MASSACHUSETTS.												
175	Adams town.....	194	60	13	5	3	1	82	5	2	4	5
176	Amesbury town.....	137	25	4	1	1	.....	31	4	3	3	1
177	Arlington town.....	128	19	4	3	2	2	30	3	2	2	5
178	Attleboro town.....	167	38	4	2	1	.....	45	2	2	2	3
179	Beverly.....	219	33	5	3	1	1	43	3	1	1	8
180	Boston (total).....	11,752	2,730	621	269	163	108	3,891	273	142	243	381
181	White.....	11,386	2,651	590	258	157	103	3,759	261	135	234	363
182	Colored.....	366	79	31	11	6	5	132	12	7	9	18
183	Brockton.....	606	141	29	11	5	4	190	12	10	16	25
184	Brookline town.....	300	33	1	.....	1	1	36	5	.....	4	4
185	Cambridge.....	1,636	341	79	25	18	16	479	26	25	40	61
186	Chelsea.....	493	83	24	12	7	7	133	9	1	8	15
187	Chicopee.....	372	142	28	15	5	5	195	10	2	7	7
188	Clinton town.....	205	35	7	2	3	3	50	3	6	4	4
189	Danvers town.....	341	22	4	.....	.....	.....	26	.....	.....	.....	10
190	Everett.....	395	102	23	4	6	5	140	11	6	7	9
191	Fall River.....	2,346	859	182	68	44	46	1,199	78	33	35	55
192	Fitchburg.....	493	144	20	5	5	5	179	13	8	10	11
193	Frammingham town.....	173	20	3	1	1	.....	25	3	1	10	7
194	Gardner town.....	186	52	6	5	2	.....	65	3	2	2	8
195	Gloucester.....	344	77	11	5	5	1	99	.....	4	6	9
196	Haverhill.....	591	107	15	5	4	3	134	18	9	18	23
197	Holyoke.....	918	312	57	17	14	10	410	25	12	21	23
198	Hyde Park town.....	177	41	2	4	3	3	53	4	4	2	2
199	Lawrence.....	1,323	428	75	17	22	14	556	31	20	23	45
200	Leominster town.....	165	45	8	4	1	.....	58	2	1	3	5
201	Lowell.....	1,961	553	111	46	21	18	749	46	14	43	55
202	Lynn.....	1,181	238	40	25	13	8	324	31	20	27	35
203	Malden.....	561	104	20	10	5	7	146	16	7	14	15
204	Marlboro.....	203	28	6	2	2	.....	38	2	3	7	6
205	Medford.....	228	27	6	1	3	2	39	10	1	4	8
206	Melrose.....	182	23	5	2	3	.....	38	2	2	3	4
207	Milford town.....	201	46	9	7	1	1	64	1	2	4	4
208	Natick town.....	177	24	11	7	2	2	46	5	.....	4	3
209	New Bedford.....	1,573	514	108	44	21	14	701	31	24	27	38
210	Newburyport.....	282	29	5	.....	1	1	36	3	3	3	7
211	Newton.....	426	74	17	4	3	3	101	8	6	10	13
212	North Adams.....	289	53	5	6	5	1	70	4	7	7	9
213	Northampton.....	359	64	13	3	3	.....	80	10	3	9	11
214	Peabody town.....	207	40	10	8	1	3	62	8	.....	8	5
215	Pittsfield.....	422	64	8	4	6	2	84	5	6	12	15
216	Plymouth town.....	158	43	7	3	1	2	56	.....	1	1	1
217	Quincy.....	376	92	14	3	6	5	120	11	5	8	11
218	Revere town.....	159	41	12	1	1	1	56	3	.....	6	4
219	Salem.....	729	207	34	23	10	6	280	19	6	15	10
220	Somerville.....	901	177	35	15	7	7	241	24	10	18	25
221	Southbridge town.....	165	48	5	2	2	2	59	5	2	7	4
222	Springfield.....	1,220	210	41	11	7	9	278	25	18	34	46
223	Taunton.....	659	135	18	7	4	2	166	11	8	9	15
224	Wakefield town.....	147	37	3	.....	.....	.....	40	5	1	5	3

¹ Nonregistration state; cities stated below only those with effective local ordinances.

DEATHS CLASSIFIED BY AGE.

ITS MAIN SUBDIVISIONS, THE REGISTRATION STATES, AND REGISTRATION CITIES: 1908—Continued.

AGE—continued.															
25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to 79	80 to 84	85 to 89	90 to 94	95 and over.	Un-known.
453	386	545	455	456	418	402	427	384	339	289	156	90	32	22	4
218	207	306	266	267	265	250	273	280	223	222	124	65	21	7	2
235	179	239	189	189	153	152	154	104	116	67	32	25	11	15	2
1	4	3	7	9	10	15	8	16	17	17	9	6	4		151
6	13	16	6	15	11	13	12	21	20	26	7	7	4		152
19	8	23	17	20	24	19	25	23	27	25	24	12	7		153
2	4	4	5	5	6	4	12	7	14	18	11	11	3	1	154
7	5	18	10	4	6	18	13	9	17	11	13	9	1	2	155
15	20	21	25	26	22	17	18	22	26	14	15	4			156
27	40	33	50	59	60	73	55	71	96	65	60	28	10	5	157
3	2	4	4	6	3	1	11	10	21	12	8	9	5		158
6	2	8	7	7	10	7	10	13	7	12	4	2	2		159
11	8	5	6	12	9	7	5	15	12	12	4	4			160
5	5	2		7	5	3	3	10	3	8	3	3			161
6	3	3	6	5	4	4	2	5	9	4	1	1			162
469	465	493	531	536	552	571	608	609	544	439	304	165	55	13	163
323	329	333	363	355	397	445	497	527	486	394	282	153	48	8	164
146	136	160	168	181	155	126	111	82	58	45	22	12	7	5	165
24	13	18	9	17	19	17	18	16	27	29	20	7	2	5	166
19	12	13	9	17	19	17	16	15	27	28	19	6	1	4	167
5	1	5					2	1	1	1	1	1	1	1	168
9	5	10	6	8	7	5	14	19	13	14	10	7	1		169
3	4	9	3	5	5	4	8	17	12	14	9	5	1		170
6	1	1	3	3	2	1	6	2			1	2			171
8	12	11	10	7	14	15	15	24	29	19	5	6	3		172
6	11	11	8	5	10	14	12	21	26	18	4	5	3		173
2	1		2	2	4	1	3	3	3	1	1	1			174
6	4	6	6	7	15	7	9	11	11	8	5	1			175
2	5	5	8	5	9	7	8	8	13	8	6	6	4		176
6	6	3	5	5	7	9	11	10	10	5	5	5		1	177
3	9	4	5	11	8	8	13	9	19	5	13	4	2		178
10	10	6	4	9	8	12	18	22	22	18	14	6	1	1	179
461	497	557	594	612	599	644	679	639	563	447	299	169	51	11	180
436	474	539	578	591	583	621	669	624	551	443	298	167	51	9	181
25	23	18	16	21	16	23	10	15	12	4	1	2	2	2	182
24	18	23	26	23	24	37	39	31	45	25	22	9	4	3	183
8	11	10	14	7	17	24	19	33	38	29	23	13	2	3	184
72	84	87	73	77	72	94	106	85	74	84	51	34	9	2	185
17	21	17	19	17	15	18	28	59	45	37	15	15	1		186
8	9	15	9	8	12	8	11	24	14	16	10	6	2		187
9	7	6	6	8	14	11	18	16	14	15	10	3	1		188
9	14	20	17	24	27	31	31	30	43	22	23	10	2	1	189
5	8	12	7	15	23	22	27	31	24	21	19	4	4		190
33	83	70	74	54	87	84	106	110	87	55	35	16	2		191
16	15	19	16	19	17	27	20	36	28	18	24	12	4	1	192
7	5	5	9	7	11	13	14	10	12	14	8	9	2	1	193
7	12	8	6	6	11	9	6	12	13	8	4	3		1	194
17	19	13	12	12	16	20	21	20	26	15	17	11	4	2	195
21	22	18	19	23	31	29	35	47	53	39	27	18	6	1	196
30	39	37	33	29	36	46	35	47	34	25	20	9	5	2	197
6	5	8	4	4	12	4	10	12	19	10	9	8	2		198
49	44	44	61	42	51	50	82	70	63	41	27	19	2	3	199
4	3	4	7	7	10	8	6	9	8	15	8	4	1	2	200
74	69	77	80	78	81	121	116	95	100	68	53	30	10	2	201
35	45	45	43	55	58	61	72	102	78	52	53	30	10	2	202
13	24	17	18	20	40	25	38	39	42	36	25	18	8		203
12	6	10	9	10	15	10	15	11	18	13	12	5		1	204
7	9	8	7	7	9	20	11	23	16	25	11	11	2		205
5	8		11	7	12	12	15	14	15	14	8	5		1	206
3	15	6	7	11	6	7	7	12	16	15	10	6	4		207
4	4	4	4	8	10	8	9	18	11	20	9	6	3	1	208
61	56	46	46	46	66	67	64	71	87	56	50	21	12	3	209
8	14	16	12	12	14	17	15	25	22	25	25	16	8	1	210
14	9	12	13	17	21	23	32	36	37	27	25	20	2		211
10	9	12	16	16	10	15	20	23	20	20	10	9	1	1	212
6	16	15	13	14	16	15	18	33	34	26	22	14	3	1	213
7	5	7	13	10	6	12	13	7	15	13	10	4	2		214
15	14	12	20	20	36	21	34	32	36	26	19	5	9	1	215
2	5	4	2	3	10	5	11	13	14	8	3	3	2		216
7	15	7	14	18	20	21	15	21	25	27	17	10	2	2	217
9	3	6	5	6	14	6	7	7	11	10	4	2			218
15	18	26	16	34	30	41	41	52	42	35	17	21	9	2	219
21	33	39	23	30	30	52	59	73	72	81	44	16	8	2	220
9	8	7	3	4	4	10	7	6	6	6	8	6	4		221
54	41	55	50	57	69	69	85	76	69	84	69	28	9	4	222
35	15	37	28	19	35	35	41	42	52	44	34	13	17	2	223
5	2	3	8	6	6	13	7	9	14	6	7	5	2	2	224

MORTALITY STATISTICS.

TABLE 2.—DEATHS (EXCLUSIVE OF STILLBIRTHS), CLASSIFIED BY AGE, FOR THE REGISTRATION AREA.

REGISTRATION AREA.		AGE.										
		All ages.	Under 1	1	2	3	4	Under 5	5 to 9	10 to 14	15 to 19	20 to 24
REGISTRATION CITIES—Continued.												
MASSACHUSETTS—continued.												
225	Waltham.....	314	44	6	2	3	1	56	8	11	6	5
226	Ware town.....	142	39	6	2	4	1	52	2	2	5	3
227	Watertown town.....	126	35	4	1	1	1	40	3	5	4	4
228	Webster town.....	147	41	9	3	1	2	56	3	5	5	4
229	Westfield town.....	232	54	3	2	1	2	62	2	3	4	6
230	Weymouth town.....	178	27	4	3	2	2	38	3	4	4	6
231	Woburn.....	192	32	5	3	3	1	43	4	2	3	2
232	Worcester.....	2,329	455	91	48	37	23	654	72	38	46	80
MICHIGAN.												
233	Adrian.....	173	23	2	2	1	1	28	2	2	5	8
234	Alpena.....	220	58	9	5	2	1	75	7	3	10	9
235	Ann Arbor.....	282	24	1	4	2	2	33	3	3	7	19
236	Battle Creek.....	348	43	9	3	3	2	60	3	6	14	19
237	Bay City.....	575	120	23	8	4	3	158	23	25	22	25
238	Detroit.....	5,882	1,716	213	110	68	51	2,158	133	84	154	245
239	Escanaba.....	228	61	11	10	2	7	91	7	5	13	13
240	Flint.....	267	52	11	3	2	1	69	4	3	9	14
241	Grand Rapids.....	1,967	270	47	11	11	9	348	25	25	48	55
242	Iron Mountain.....	111	39	7	5	1	1	53	1	3	3	2
243	Ironwood.....	146	42	8	6	7	2	65	5	8	10	6
244	Ishpeming.....	217	50	19	10	8	1	88	13	13	10	6
245	Jackson.....	441	62	4	2	1	1	70	10	8	11	18
246	Kalamazoo.....	632	95	15	5	3	3	118	6	6	10	22
247	Lansing.....	295	53	7	2	2	3	67	8	2	7	23
248	Manistee.....	161	27	5	1	2	2	35	2	4	6	7
249	Marquette.....	175	37	6	2	2	2	47	3	3	7	5
250	Menominee.....	151	34	12	3	2	3	54	2	1	7	6
251	Muskegon.....	289	57	8	6	5	1	76	4	10	10	16
252	Owosso.....	124	19	2	2	1	1	23	3	1	2	3
253	Pontiac.....	233	12	4	3	4	1	16	2	2	6	8
254	Port Huron.....	272	48	5	3	4	1	60	3	3	8	11
255	Saginaw.....	674	134	18	6	5	3	166	15	9	26	28
256	Sault Ste. Marie.....	174	53	8	3	1	1	65	5	9	9	7
257	Traverse City.....	286	31	4	7	5	1	48	1	2	8	10
MINNESOTA. ¹												
258	Duluth.....	884	176	36	14	15	5	246	35	14	32	56
259	Mankato.....	168	18	5	3	1	1	27	3	3	9	12
260	Minneapolis.....	3,077	472	98	46	35	28	679	95	71	100	158
261	St. Paul.....	2,187	415	66	36	18	20	555	61	55	77	102
262	Winona.....	231	37	8	4	3	1	53	8	5	7	6
MISSOURI. ¹												
263	Kansas City (total).....	3,165	533	78	39	28	17	695	60	51	105	176
264	White.....	2,668	469	66	36	24	13	608	48	42	82	125
265	Colored.....	497	64	12	3	4	4	87	12	9	23	51
266	St. Joseph.....	1,023	133	27	11	7	3	181	14	18	32	48
267	St. Louis (total).....	9,783	1,663	277	126	79	55	2,200	168	128	267	474
268	White.....	8,676	1,513	226	109	67	52	1,967	162	107	217	392
269	Colored.....	1,107	150	51	17	12	3	233	16	21	50	82
NEBRASKA. ¹												
270	Lincoln.....	533	109	16	12	10	7	154	21	15	22	22
271	Omaha.....	1,589	255	41	28	10	9	343	39	18	51	72
NEW HAMPSHIRE.												
272	Berlin.....	188	92	8	7	3	2	112	6	3	3	4
273	Concord.....	410	36	11	7	2	1	57	6	4	9	8
274	Dover.....	242	38	3	3	2	1	46	2	3	6	3
275	Keene.....	159	29	6	1	2	1	38	3	3	1	3
276	Laconia.....	145	25	2	2	1	1	30	1	2	1	14
277	Manchester.....	1,116	346	45	28	14	14	447	26	12	33	41
278	Nashua.....	416	115	21	9	8	2	155	15	4	4	12
279	Portsmouth.....	201	31	5	1	1	1	38	5	5	6	7
280	Rochester.....	125	22	2	2	1	1	27	1	4	5	3
NEW JERSEY.												
281	Atlantic City (total).....	651	108	24	6	7	4	149	9	8	9	28
282	White.....	501	80	17	5	6	2	110	5	4	6	16
283	Colored.....	150	28	7	1	1	2	39	4	4	3	12
284	Bayonne.....	720	230	66	20	6	7	329	17	8	16	27
285	Bloomfield.....	162	43	5	1	4	1	53	4	3	3	8
286	Bridgeton.....	176	38	1	1	3	1	43	3	2	5	4
287	Camden.....	1,472	341	64	25	32	15	477	56	27	46	71
288	East Orange.....	275	52	3	4	5	1	64	5	3	8	8
289	Elizabeth.....	1,078	291	55	27	11	11	395	18	18	15	48
290	Hackensack.....	168	32	17	4	1	1	45	5	3	4	2
291	Harrison.....	223	68	11	5	2	1	93	8	4	6	4
292	Hoboken.....	1,262	274	68	29	32	13	416	36	19	28	50
293	Jersey City.....	4,430	1,010	245	121	67	50	1,433	133	72	95	183
294	Kearny.....	235	51	6	4	2	1	64	5	3	1	5
295	Long Branch (total).....	227	37	8	5	2	1	53	3	3	8	11
296	White.....	189	32	8	5	2	1	47	3	3	5	7
297	Colored.....	38	5	1	1	1	1	6	1	1	3	4

¹ Nonregistration state; cities stated below only those with effective local ordinances.

DEATHS CLASSIFIED BY AGE.

ITS MAIN SUBDIVISIONS, THE REGISTRATION STATES, AND REGISTRATION CITIES: 1908—Continued.

AGE—continued.															
25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to 79	80 to 84	85 to 89	90 to 94	95 and over.	Un-known.
16	13	17	19	19	14	10	22	21	22	15	21	6	11	2	225
5	5	4	6	6	3	5	6	5	11	14	10	2	1	1	226
5	4	1	3	6	2	7	9	10	4	12	5	5	1	1	227
11	3	2	4	3	2	9	8	9	9	9	8	2			228
8	11	7	8	6	7	11	12	18	19	18	12	10	8		229
3	2	4	6	6	9	15	13	14	11	21	13	5	1	2	230
5	5	7	4	6	7	10	15	23	18	10	17	9	2		231
75	107	97	103	106	100	135	149	136	144	115	96	57	13	6	232
3	2	5	7	8	7	5	9	19	17	16	16	7	5	2	233
11	8	10	6	6	8	14	9	14	7	8	7	5	3	1	234
7	14	15	20	18	27	26	15	23	15	12	15	6	3		235
10	13	17	15	25	26	25	20	27	22	22	16	8			236
23	16	13	18	20	32	31	31	28	33	33	21	11	4	2	237
242	236	223	235	260	262	261	265	282	275	247	180	101	29	6	238
11	4	12	8	10	10	11	7	8	7	10	5				239
13	5	8	8	7	16	14	21	14	17	21	11	10	4	1	240
60	59	48	51	70	56	71	74	93	98	74	62	39	7	4	241
3	6	2	5	6	5	6	3	3	2	1		5	2	4	242
11	7	2	5	7	7	3	4	3	4	2	3				243
7	8	5	7	5	5	10	7	12	10	3		2	1	1	244
23	21	23	23	26	23	30	37	26	23	23	26	10	2	3	245
27	23	28	34	36	41	45	49	42	53	37	31	18	4		246
12	10	12	9	10	19	13	19	21	19	26	8	5	4	1	247
9	5	5	4	12	8	8	15	11	13	5	5	4	2	1	248
13	4	14	6	8	6	14	10	10	4	8	9	4			249
4	6	6	9	8	5	5	7	6	7	12	2	1	2		250
6	11	4	9	14	15	15	25	16	24	19	7	3	2	2	251
7	8	2	3	7	2	7	9	6	15	10	11	4		1	252
6	10	6	11	18	29	22	15	25	19	17	12	7	2		253
9	11	12	11	7	14	14	27	16	14	12	23	14	1	2	254
20	36	27	18	40	34	38	48	39	46	30	25	23	4	2	255
9	8	2	12	9	5	7	4	8	6	6	2		1		256
9	11	10	21	18	14	21	23	27	19	20	17	4	3		257
57	49	45	69	58	33	37	40	20	23	29	21	15	4	1	258
9	8	8	7	9	13	9	7	15	9	7	7	4	1	1	259
162	150	146	155	179	184	149	131	157	157	164	124	63	17	4	260
109	101	103	113	108	133	121	105	117	108	94	73	30	15	5	261
11	6	7	6	11	8	18	12	16	18	18	9	12			262
218	191	208	171	182	186	179	190	158	128	119	84	43	13	3	263
169	137	153	142	155	164	163	168	144	119	110	79	42	12	1	264
49	54	55	29	27	22	16	22	14	9	9	5	1	1	2	265
52	64	51	56	67	61	63	60	53	73	50	41	23	4	4	266
482	547	546	567	583	630	606	647	602	539	375	250	118	40	12	267
392	444	453	487	518	563	556	594	564	509	362	244	112	36	6	268
90	103	93	80	65	67	50	53	38	30	13	6	6	4	6	269
11	19	20	26	24	27	24	30	35	21	27	26	6	2		270
94	84	82	99	105	108	84	99	95	69	78	42	19	3	5	271
4	6	1	9	4	5	6	7	2	5	7		1			272
13	11	14	21	22	25	23	23	33	44	39	27	11	10	5	273
8	7	10	13	10	13	17	18	13	23	20	10	5	6		274
5	8	12	8	10	7	9	9	9	15	16	9	6	1	2	275
4	4	4	5	3	9	9	5	11	8	14	12	5	1		276
38	40	35	42	43	51	40	51	63	57	48	27	13	7	2	277
6	13	14	12	18	12	19	25	25	30	20	14	11	6	1	278
7	12	8	10	10	13	11	8	14	13	11	13	5	4	1	279
3	3	3	5	3	6	5	13	8	7	16	4	5	2	2	280
29	28	41	39	43	42	49	40	44	36	27	21	6	3		281
16	19	26	31	25	37	42	39	41	35	22	19	6	2		282
13	9	15	8	18	5	7	1	3	1	5	2		1		283
42	37	33	29	33	31	30	23	22	19	13	9	2			284
3	7	6	6	4	5	10	13	8	7	14	7	3	1		285
7	6	3	3	7	14	11	12	11	16	12	7	7	3		286
44	57	56	54	67	67	73	81	79	70	74	47	19	5	2	287
8	5	13	16	8	10	11	22	19	16	26	16	7	5	4	288
52	41	68	44	34	50	57	62	56	40	31	31	12	5	1	289
9	9	4	2	8	8	11	11	13	5	12	11	2	1		290
8	12	8	10	11	12	9	11	11	8	6	1	1			291
56	72	69	82	71	49	80	50	74	44	31	25	7	3		292
106	236	263	238	241	223	209	225	208	166	114	77	37	16	4	293
2	3	10	4	5	8	14	27	18	26	25	12	4	2	1	294
9	14	16	6	15	12	14	14	19	12	10	5	3			295
5	10	12	4	13	10	12	12	19	10	10	4	3			296
4	4	4	2	2	2	2	2	2	2	2	1				297

MORTALITY STATISTICS.

TABLE 2.—DEATHS (EXCLUSIVE OF STILLBIRTHS), CLASSIFIED BY AGE, FOR THE REGISTRATION AREA,

REGISTRATION AREA.	AGE.										
	All ages.	Under 1	1	2	3	4	Under 5	5 to 9	10 to 14	15 to 19	20 to 24
REGISTRATION CITIES—Continued.											
NEW JERSEY—continued.											
298 Millville.....	188	32	14	8	1	.....	55	6	1	3	9
299 Montclair.....	235	48	6	3	.....	1	58	6	2	10	5
300 Morristown.....	286	76	5	3	.....	.....	84	9	5	14	10
301 New Brunswick.....	452	137	16	5	5	.....	163	9	7	14	25
302 Newark.....	5,236	1,185	232	123	61	43	1,664	126	74	99	192
303 Orange.....	524	105	37	6	5	10	163	6	8	21	23
304 Passaic.....	755	279	45	24	19	14	381	28	10	20	29
305 Paterson.....	1,871	397	94	42	28	14	575	51	26	56	57
306 Perth Amboy.....	394	157	41	9	9	2	219	11	8	13	17
307 Phillipsburg.....	149	34	4	1	.....	.....	41	1	1	3	6
308 Plainfield.....	334	57	7	6	1	3	74	9	7	10	11
309 Trenton.....	1,626	397	82	20	18	7	524	29	24	44	55
310 Union.....	294	55	9	7	5	3	79	13	5	7	13
311 West Hoboken.....	402	102	11	9	6	7	135	10	5	11	12
NEW YORK.											
312 Albany.....	1,845	225	52	21	12	9	319	47	19	45	57
313 Amsterdam.....	410	95	16	11	9	2	133	6	1	6	19
314 Auburn.....	492	96	10	4	1	5	116	9	4	10	20
315 Batavia.....	180	17	4	.....	2	3	26	5	1	4	6
316 Binghamton.....	884	141	33	9	11	4	193	20	11	16	34
317 Buffalo.....	6,231	1,538	243	102	78	61	2,022	152	91	118	234
318 Cohoes.....	430	133	17	10	4	2	166	10	12	11	17
319 Corning.....	233	44	8	1	1	1	55	1	4	10	5
320 Cortland.....	179	23	4	.....	1	.....	28	2	2	5	7
321 Dunkirk.....	242	56	13	3	3	1	76	5	3	4	9
322 Elmira.....	550	78	13	9	4	1	105	7	8	15	16
323 Geneva.....	152	18	1	1	.....	.....	20	.....	2	3	4
324 Glens Falls.....	212	31	.....	4	.....	.....	35	1	3	5	7
325 Gloversville.....	343	42	2	7	2	6	59	12	5	7	9
326 Hornell.....	207	27	5	5	2	.....	39	.....	1	2	6
327 Hudson.....	166	23	3	1	1	1	29	2	1	3	6
328 Ithaca.....	249	32	10	2	1	4	49	9	.....	7	16
329 Jamestown.....	310	39	10	2	5	.....	56	7	2	10	13
330 Johnstown.....	122	18	4	4	2	.....	28	2	1	1	1
331 Kingston.....	444	64	15	3	3	1	86	9	7	13	20
332 Little Falls.....	138	19	3	3	1	.....	26	3	3	3	4
333 Lockport.....	243	33	1	2	3	3	42	3	1	7	6
334 Middletown.....	356	37	5	2	1	.....	45	4	2	3	17
335 Mt. Vernon.....	387	84	27	2	4	3	120	10	7	9	14
336 New Rochelle.....	328	79	18	11	4	5	117	7	4	5	8
337 New York (total).....	72,995	16,146	4,285	1,786	1,122	768	24,107	1,956	1,069	1,640	2,629
338 Bronx borough.....	6,323	1,018	358	140	94	63	1,673	189	110	181	311
339 Brooklyn borough.....	23,900	4,995	1,321	608	402	294	7,620	696	367	586	829
340 Manhattan borough.....	37,707	8,993	2,356	943	552	368	13,212	910	507	744	1,327
341 Queens borough.....	3,569	793	190	78	60	34	1,155	121	57	109	122
342 Richmond borough.....	1,496	347	60	17	14	9	447	40	28	20	40
343 New York (white).....	70,538	15,553	4,154	1,729	1,091	754	23,281	1,890	1,038	1,561	2,466
344 Bronx borough.....	6,124	992	350	136	92	61	1,631	184	107	175	296
345 Brooklyn borough.....	23,294	4,857	1,302	593	394	291	7,437	674	355	554	722
346 Manhattan borough.....	36,178	8,595	2,257	906	536	361	12,654	875	492	699	1,226
347 Queens borough.....	3,491	773	186	78	58	34	1,129	117	56	104	116
348 Richmond borough.....	1,451	336	59	16	12	7	430	40	28	19	36
349 New York (colored).....	2,457	593	131	57	31	14	826	66	31	79	163
350 Bronx borough.....	199	26	8	4	2	2	42	5	3	6	15
351 Brooklyn borough.....	606	138	19	15	8	3	183	22	12	22	37
352 Manhattan borough.....	1,529	398	99	37	17	7	558	35	15	45	101
353 Queens borough.....	78	20	4	2	2	.....	26	4	1	5	6
354 Richmond borough.....	45	11	1	1	2	.....	17	.....	.....	1	4
355 Newburg.....	437	70	12	6	4	.....	92	10	6	12	17
356 Niagara Falls.....	451	124	19	6	5	2	156	12	6	10	26
357 North Tonawanda.....	149	44	6	.....	2	2	54	7	1	3	6
358 Ogdensburg.....	399	56	2	3	3	1	65	5	3	4	11
359 Olean.....	140	32	6	1	1	.....	40	4	2	7	6
360 Oswego.....	375	75	9	4	4	3	95	7	2	11	15
361 Peekskill.....	254	35	13	10	10	2	70	12	4	17	9
362 Plattsburg.....	121	30	2	.....	.....	.....	35	1	1	1	1
363 Fort Jervis.....	165	34	3	4	1	1	43	3	1	5	9
364 Poughkeepsie.....	505	81	15	10	2	2	110	13	1	12	15
365 Rochester.....	2,812	378	95	32	21	21	547	55	33	82	111
366 Rome.....	389	54	10	4	1	2	71	14	4	23	29
367 Saratoga Springs.....	256	31	5	4	4	.....	46	4	6	9	8
368 Schenectady.....	923	251	41	22	23	9	346	34	14	21	34
369 Syracuse.....	2,043	429	64	24	16	11	544	36	23	49	69
370 Troy.....	1,541	285	44	8	11	6	354	34	14	36	58
371 Utica.....	1,387	334	50	16	11	3	414	26	24	30	44
372 Watertown.....	410	72	7	6	4	3	92	8	6	9	12
373 Watervliet.....	250	49	11	4	4	2	70	5	4	10	8
374 Yonkers.....	1,073	282	67	33	18	13	413	24	17	18	37

DEATHS CLASSIFIED BY AGE.

ITS MAIN SUBDIVISIONS, THE REGISTRATION STATES, AND REGISTRATION CITIES: 1908—Continued.

AGE—continued.															95 and over.	Un-known.
25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to 79	80 to 84	85 to 89	90 to 94	95 and over.	Un-known.	
5	8	3	5	4	11	13	17	13	8	13	7	5	2		298	
13	10	13	13	9	9	12	15	15	11	12	14	4	3	1	299	
7	13	5	10	14	13	13	19	12	18	15	7	9	1		300	
20	17	19	12	17	18	16	26	23	33	14	9	6	4		301	
227	251	314	269	278	293	256	297	285	214	218	115	45	11	7	302	
25	26	30	29	27	20	22	32	26	24	24	7	9	2		303	
25	31	35	28	23	26	27	21	27	16	17	4	4	1	1	304	
78	72	76	86	100	104	90	118	96	122	92	36	25	10	1	305	
9	15	14	12	13	16	8	12	5	9	3	6	1	3		306	
6	8	1	2	7	10	11	7	19	5	7	8	5	1		307	
12	17	8	14	23	18	17	24	22	26	17	16	6	2	1	308	
74	74	67	75	64	90	94	88	85	92	69	31	37	9	1	309	
6	16	19	18	17	19	14	24	16	8	8	7	3	1		310	
18	19	18	23	12	19	27	28	29	21	13	4	3			311	
85	90	100	102	108	142	133	157	117	127	89	62	31	11	4	312	
20	11	15	15	19	20	20	28	29	22	19	11	7	8	1	313	
24	33	24	19	22	25	23	35	32	39	25	18	9	5		314	
7	7	10	8	15	11	15	10	5	10	17	12	9	2		315	
28	41	38	36	37	56	48	75	60	60	61	35	24	5	1	316	
245	246	300	327	296	342	291	339	362	301	245	195	87	30	7	317	
17	14	17	16	19	18	24	20	19	17	15	10	5	2	1	318	
10	11	3	15	16	9	9	15	19	19	13	10	6	2	1	319	
2	6	6	9	13	7	9	17	13	19	20	11	3	3		320	
7	3	13	12	11	10	6	17	11	17	15	9	7	6	1	321	
23	25	24	24	30	38	29	34	44	35	54	21	15	1	2	322	
11	5	8	7	14	6	8	6	12	14	12	8	12			323	
6	11	13	8	14	10	17	13	17	15	8	8	8	4		324	
10	16	11	12	19	14	21	36	25	28	24	15	15	5		325	
8	9	6	14	13	10	16	17	20	11	16	12	5	1		326	
4	4	9	6	5	11	13	14	11	14	11	15	4	4		327	
6	7	4	4	14	8	10	20	19	27	18	16	5	6		328	
16	8	13	9	15	17	22	25	29	17	25	15	6	4	1	329	
6	5	5	3	5	5	11	9	11	5	10	11	2	2		330	
14	20	26	19	14	34	27	30	33	30	31	17	8	5	1	331	
7	6	7	9	8	7	6	9	12	6	10	5	4	1	1	332	
11	4	10	12	10	16	15	20	22	23	9	19	10	6	1	333	
15	16	22	23	24	29	21	34	28	28	20	16	5	4		334	
17	10	19	16	21	19	18	17	20	23	20	15	14	2	2	335	
11	10	24	12	15	19	11	20	16	14	13	11	3	2		336	
3,190	3,603	4,093	4,156	4,131	4,062	3,649	3,942	3,484	2,847	2,172	1,359	645	184	77	337	
351	390	437	441	379	337	310	314	291	242	170	122	58	14	3	338	
1,007	1,137	1,243	1,247	1,225	1,289	1,204	1,356	1,269	1,054	892	547	242	62	28	339	
1,040	1,841	2,163	2,234	2,260	2,173	1,893	1,953	1,643	1,320	907	568	283	89	35	340	
140	167	172	153	193	191	176	230	187	139	124	80	35	12	6	341	
52	68	78	81	74	72	66	89	89	92	79	42	27	7	5	342	
2,980	3,419	3,925	4,003	3,996	3,948	3,555	3,854	3,436	2,805	2,143	1,349	637	179	73	343	
391	373	420	427	370	331	295	304	284	237	166	122	55	14	2	344	
937	1,030	1,206	1,206	1,197	1,256	1,184	1,330	1,254	1,041	882	544	238	60	37	345	
1,509	1,727	2,057	2,141	2,163	2,102	1,837	1,905	1,627	1,300	896	561	282	87	23	346	
134	163	166	150	191	183	175	227	185	137	121	80	35	11	6	347	
49	66	76	79	71	71	64	88	86	90	78	42	27	7	5	348	
210	184	168	153	135	114	94	88	48	42	29	10	8	5	4	349	
20	17	17	14	9	6	15	10	7	5	4		3	4	1	350	
50	47	37	41	28	33	20	26	15	13	10	3	4	1		351	
131	114	106	93	92	71	56	48	21	20	11	7	1	2	2	352	
6	4	6	3	2	3	1	1	2	2	3					353	
3	2	2	2	4	1	2	1	3	2	1			1		354	
19	27	16	21	16	25	19	38	24	27	22	27	11	7	1	355	
23	26	18	21	30	19	18	11	20	18	12	12	4	1	1	356	
7	6	5	7	9	5	8	8	6	4	6	3	2			357	
11	11	21	18	27	21	27	34	39	31	33	19	12	5	2	358	
9	8	6	5	6	6	7	8	8	8	5	1	3	1		359	
11	17	16	12	22	14	19	21	20	34	25	18	11	3	2	360	
13	9	14	11	8	11	9	12	12	14	13	5	11			361	
6	3	6	2	4	3	4	9	8	14	5	7	7			362	
9	6	9	8	7	9	6	16	5	11	11	5	1	2		363	
17	12	21	19	25	31	28	38	47	33	36	24	11	12		364	
115	129	131	139	169	171	171	187	179	187	165	118	87	29	7	365	
18	17	19	15	13	17	16	28	22	24	20	20	13	4	2	366	
9	10	9	23	18	12	14	19	30	30	14	10	7	3	1	367	
40	34	47	43	37	34	41	44	47	35	31	21	15	3	2	368	
68	80	74	94	109	102	128	135	143	130	98	72	63	27	4	369	
67	67	73	71	88	80	95	114	112	105	84	46	26	13	4	370	
49	59	62	54	67	74	79	83	67	72	86	64	29	9	5	371	
12	25	18	27	18	19	19	19	27	28	32	23	11	3	2	372	
10	7	13	11	15	17	14	19	16	13	11	7				373	
53	57	56	47	47	50	63	48	36	31	33	16	16	8	1	374	

MORTALITY STATISTICS.

TABLE 2.—DEATHS (EXCLUSIVE OF STILLBIRTHS), CLASSIFIED BY AGE, FOR THE REGISTRATION AREA,

REGISTRATION AREA.	AGE.											
	All ages.	Under 1	1	2	3	4	Under 5	5 to 9	10 to 14	15 to 19	20 to 24	
REGISTRATION CITIES—Continued.												
NORTH CAROLINA. ¹												
375	Raleigh (total).....	455	71	21	6	3	2	103	13	2	17	28
376	White.....	243	34	11	2	1	2	50	5	1	5	12
377	Colored.....	212	37	10	4	2	—	53	8	1	12	16
378	Wilmington (total).....	582	141	40	12	9	3	205	14	9	25	31
379	White.....	240	55	17	5	5	2	84	6	2	8	6
380	Colored.....	342	86	23	7	4	1	121	8	7	17	25
OHIO. ¹												
381	Ashtabula.....	235	55	10	6	3	2	76	10	2	9	9
382	Bellaire.....	190	34	13	2	5	4	58	6	3	4	11
383	Canton.....	444	92	13	5	7	4	121	9	9	8	17
384	Chillicothe.....	217	20	3	2	3	2	30	10	2	10	7
385	Cincinnati (total).....	6,450	943	217	103	62	42	1,367	120	92	178	278
386	White.....	5,798	854	178	95	57	39	1,223	106	80	157	222
387	Colored.....	652	89	39	8	5	3	144	14	12	21	56
388	Cleveland.....	6,994	1,731	342	124	58	54	2,309	145	83	200	286
389	Columbus.....	2,489	336	42	32	27	11	448	48	40	87	137
390	Dayton.....	1,461	234	31	15	13	6	299	26	30	40	61
391	Findlay.....	172	30	3	1	2	—	36	1	—	7	10
392	Hamilton.....	475	91	11	15	—	6	123	15	14	13	24
393	Ironton.....	143	14	6	5	2	—	27	3	4	6	4
394	Lima.....	331	60	11	8	1	2	82	5	3	13	17
395	Marietta.....	157	15	2	1	—	—	18	3	3	3	12
396	Massillon.....	140	22	4	1	2	—	29	—	2	3	6
397	Middletown.....	135	22	6	2	—	1	31	6	4	8	3
398	Newark.....	307	51	7	4	2	—	65	8	5	11	16
399	Portsmouth.....	316	58	11	4	4	3	80	11	4	21	16
400	Tiffin.....	129	13	2	—	—	1	18	2	3	2	5
401	Toledo.....	2,368	382	51	28	21	13	495	58	40	74	117
402	Youngstown.....	956	262	55	24	11	12	364	29	10	20	46
OREGON. ¹												
403	Portland (total).....	1,783	239	31	20	13	12	315	44	33	63	112
404	White.....	1,722	232	31	20	13	12	308	43	33	59	108
405	Colored ²	61	7	—	—	—	—	7	1	—	4	4
PENNSYLVANIA.												
406	Allentown.....	783	200	34	30	16	17	297	48	8	21	37
407	Altoona.....	672	162	40	15	8	6	231	18	14	32	23
408	Beaver Falls.....	157	35	9	4	2	1	51	5	2	7	4
409	Bradock.....	410	124	51	15	9	5	204	13	3	12	17
410	Bradford.....	186	26	2	2	1	1	32	2	4	5	8
411	Butler.....	249	63	16	5	3	1	88	9	1	7	13
412	Carbondale.....	261	53	12	2	3	6	76	7	7	11	13
413	Carlisle (total).....	160	19	6	2	—	—	28	2	1	6	1
414	White.....	126	13	4	1	—	—	19	2	—	3	1
415	Colored.....	34	6	2	—	—	—	9	—	—	3	—
416	Chambersburg.....	190	29	7	9	2	4	51	6	3	4	4
417	Chester (total).....	603	161	26	22	6	2	217	12	6	15	30
418	White.....	456	121	21	14	4	1	161	8	5	8	25
419	Colored.....	147	40	5	8	2	1	56	6	1	7	5
420	Columbia.....	153	30	6	2	2	—	40	1	3	2	1
421	Danville.....	112	26	5	4	2	1	38	—	4	2	1
422	Dubois.....	133	38	11	2	2	1	54	1	1	5	5
423	Dunmore.....	255	102	25	7	4	1	139	7	2	3	6
424	Duquesne.....	203	86	15	14	4	8	127	12	3	3	3
425	Easton.....	392	59	9	4	1	1	74	11	4	12	18
426	Erie.....	996	202	37	11	7	10	267	26	13	27	42
427	Harrisburg.....	831	155	32	9	7	4	207	15	10	23	45
428	Hazleton.....	179	36	10	5	3	—	54	11	1	5	6
429	Homestead.....	254	95	31	10	1	—	137	5	2	6	11
430	Johnstown.....	730	175	48	20	12	6	261	18	11	26	56
431	Lancaster.....	699	128	28	7	5	5	173	12	11	13	18
432	Lebanon.....	272	51	11	7	1	2	72	4	2	4	18
433	McKeesport.....	748	236	46	21	11	6	320	26	13	35	54
434	Mahanoy City.....	281	100	22	8	2	6	138	4	4	3	12
435	Meadville.....	190	27	3	2	—	—	32	3	2	3	10
436	Mt. Carmel.....	231	75	22	7	6	6	116	15	3	5	5
437	Nanticoke.....	287	98	20	22	7	7	154	18	4	6	6
438	Newcastle.....	494	113	28	12	7	3	163	19	4	13	27
439	Norristown.....	581	73	12	7	4	—	96	2	3	7	23
440	Oil City.....	194	40	9	3	—	—	56	1	2	7	7
441	Philadelphia (total).....	25,926	5,886	1,281	527	353	225	7,772	596	394	631	992
442	White.....	23,697	4,846	1,154	462	321	204	6,987	537	350	550	852
443	Colored.....	2,229	540	127	65	32	21	785	59	44	81	140
444	Phoenixville.....	181	57	5	4	—	—	66	6	4	5	5
445	Pittsburg (total).....	9,030	2,195	619	259	141	112	3,326	266	137	236	384
446	White.....	8,410	2,067	570	239	131	106	3,113	252	127	210	351
447	Colored.....	620	128	49	20	10	6	213	14	10	26	33
448	Pittston.....	316	63	22	24	22	9	140	21	6	5	9
449	Plymouth.....	260	84	21	17	7	5	134	5	6	6	10

¹ Nonregistration state; cities stated below only those with effective local ordinances.

DEATHS CLASSIFIED BY AGE.

ITS MAIN SUBDIVISIONS, THE REGISTRATION STATES, AND REGISTRATION CITIES: 1908—Continued.

AGE—continued.															
25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to 79	80 to 84	85 to 89	90 to 94	95 and over.	Un-known.
31	25	26	25	23	18	20	26	31	29	15	15	5	3		375
13	11	12	13	11	12	12	15	25	17	11	12	4	2		376
18	14	14	12	12	6	8	11	6	12	4	3	1	1		377
33	23	21	19	20	30	27	33	35	19	10	10	7	6	3	378
13	6	6	8	9	17	12	13	20	9	8	7	3	2		379
20	17	15	11	11	13	15	20	15	10	2	3	4	4	3	380
13	10	10	10	12	8	18	3	14	12	4	9	4	1		381
9	6	4	10	11	6	9	15	9	7	11	5	1	2	1	382
8	14	18	24	22	27	20	35	31	33	21	13	9	4		383
17	11	12	9	12	12	8	9	17	10	16	16	4	2	3	384
310	323	371	369	424	411	361	424	365	383	314	195	118	38	9	385
252	273	308	312	380	379	335	397	344	373	307	193	114	37	6	386
58	50	63	57	44	32	26	27	21	10	7	2	4	1	3	387
300	319	317	325	366	329	375	368	356	347	262	177	103	30	8	388
132	153	139	147	158	154	134	154	144	139	133	79	47	11	4	389
72	64	68	77	75	71	90	92	101	94	80	72	31	16	2	390
9	2	4	4	8	16	13	11	11	9	13	14	2	1	1	391
21	22	13	26	25	27	27	18	34	23	21	15	8	4		392
5	10	6	6	8	12	7	8	7	11	8	3	3	3	1	393
16	9	22	16	14	16	16	19	16	25	24	9	4	3	1	394
5	11	13	6	5	4	6	11	18	14	12	6	5		1	395
7	8	8	1	7	8	8	5	7	11	14	9	6	1		396
3	5	9	8	3	4	8	11	5	10	9	1	1	1	1	397
12	17	11	15	13	11	19	17	17	20	26	10	6	5	3	398
17	13	7	15	10	13	16	20	16	14	20	13	6	4		399
4	3	9	6	2	10	7	10	6	9	19	10	3	4		400
110	102	132	130	136	122	111	165	156	147	129	82	45	13	4	401
54	58	48	34	34	35	46	42	43	44	25	15	7		1	402
91	97	87	103	108	95	119	119	102	116	85	52	34	5	2	403
83	94	86	100	103	91	110	113	99	116	83	51	34	5	2	404
8	3	1	3	5	4	9	6	3		2	1				405
31	19	26	23	21	31	30	36	39	41	30	24	16	4	1	406
38	26	36	15	31	27	29	32	34	29	25	20	9	1	2	407
10	5	4	5	3	13	9	10	7	7	9	5	1			408
24	19	16	22	17	17	9	14	6	5	6	2	4			409
11	7	13	6	5	17	13	17	19	6	8	8	4	1		410
13	15	8	8	8	8	8	17	10	12	7	12	5			411
14	11	12	16	16	9	9	15	9	10	13	9	4			412
3	6	7	11	6	12	9	9	19	6	9	13	7	3	2	413
3	4	6	9	5	8	7	9	15	5	9	12	7	2		414
	2	1	2	1	4	2		4	1		1	7	1	2	415
3	10	3	4	10	8	9	10	14	16	19	11	3	1	1	416
21	30	33	19	33	33	34	25	31	22	19	12	6	2	1	417
13	19	20	11	24	31	28	21	26	19	19	10	6	2		418
8	11	13	8	9	2	6	4	5	3		2			1	419
5	10	7	4	6	5	11	9	17	12	12	4	3	1		420
8	7	3	2	1	4	4	4	15	10	9	5	2	1		421
6	7	4	3	3	5	5	7	6	9	6	3	1			422
6	8	3	13	11	7	11	1	10	7	12	5	3		1	423
24	10	4	3	6	7	3	5	5	2	2		1	1		424
	21	18	14	22	16	26	29	25	22	28	20	7	1		425
39	46	39	34	37	36	58	74	74	76	51	38	18		1	426
39	38	41	26	34	44	55	60	60	47	35	35	12	3	2	427
5	6	4	3	9	12	8	13	10	13	9	8	1		1	428
8	10	11	7	13	6	6	11	6	8	4	2	1			429
44	37	30	42	26	28	29	24	29	30	15	12	10	2		430
27	25	24	24	34	28	48	47	38	50	56	44	25	1	1	431
7	9	15	11	20	17	18	15	10	17	23	6	3	1		432
40	31	37	25	36	29	23	15	19	20	16	5	2	2		433
9	14	9	12	11	17	10	11	10	10	5	2		1		434
7	10	11	7	12	8	12	15	18	11	10	7	8		2	435
3	5	7	11	6	7	11	7	14	4	7	3	2			436
6	8	10	15	14	9	12	5	7	8	1	4				437
25	33	22	25	12	22	23	24	24	18	20	8	9	1	2	438
26	25	27	29	30	36	33	40	49	46	61	29	18	10	1	439
4	5	12	5	10	6	8	11	18	15	15	7	3		1	440
1,060	1,118	1,243	1,274	1,338	1,390	1,377	1,513	1,509	1,326	1,071	789	393	111	29	441
902	967	1,086	1,138	1,233	1,289	1,300	1,445	1,450	1,284	1,046	769	380	108	24	442
158	151	157	136	105	101	77	68	59	42	25	20	13	3	5	443
7	10	1	7	4	6	7	12	10	14	8	4	4			444
450	395	437	382	436	389	333	450	419	354	272	201	79	27	7	445
408	352	392	344	394	354	365	428	408	344	265	195	78	25	5	446
42	43	45	38	42	35	18	22	11	10	7	6	1	2	2	447
8	10	8	18	11	18	18	9	11	9	8	3	3	1		448
6	5	7	12	8	11	10	9	15	7	7	3	1			449

*Chiefly Chinese and Japanese.

MORTALITY STATISTICS.

TABLE 2.—DEATHS (EXCLUSIVE OF STILLBIRTHS), CLASSIFIED BY AGE, FOR THE REGISTRATION AREA,

REGISTRATION AREA.		AGE.									
		All ages.	Under 1	1	2	3	4	Under 5	5 to 9	10 to 14	15 to 19	20 to 24
REGISTRATION CITIES—Continued.											
PENNSYLVANIA—continued.											
450	Pottstown.....	210	31	4	1	2	38	5	4	8	6
451	Pottsville.....	362	70	11	4	1	87	6	5	8	18
452	Reading.....	1,371	318	44	29	17	425	39	19	33	49
453	Scranton.....	2,051	550	120	52	37	786	67	45	58	82
454	Shamokin.....	262	79	15	3	3	102	7	5	6	12
455	Sharon.....	212	49	11	5	2	70	4	2	11	8
456	Shenandoah.....	479	212	53	14	5	287	7	6	6	16
457	South Bethlehem.....	260	129	12	3	1	145	3	2	8	3
458	Steelton (total).....	193	72	9	5	1	89	10	6	5	12
459	White.....	164	64	9	4	1	80	6	3	3	10
460	Colored.....	29	8	1	1	2	9	4	3	2	2
461	Sunbury.....	155	26	1	2	2	32	2	1	6	3
462	Titusville.....	124	19	4	3	1	28	2	2	2	3
463	Warren.....	118	16	2	1	1	20	1	4	3	5
464	West Chester (total).....	236	29	6	1	3	36	9	2	6	9
465	White.....	172	25	3	1	4	28	5	2	3	6
466	Colored.....	64	4	3	1	1	8	4	3	3	3
467	Wilkes-Barre.....	997	248	55	17	10	342	24	19	35	41
468	Wilkesburg.....	242	52	4	4	1	64	2	2	6	11
469	Williamsport.....	510	76	10	10	4	102	13	14	14	31
470	York.....	591	123	23	14	5	173	10	8	14	27
RHODE ISLAND.											
471	Central Falls.....	330	107	25	6	5	147	9	7	11	9
472	Cranston town.....	535	51	15	1	7	77	7	5	3	21
473	Cumberland town.....	100	21	3	1	1	26	1	1	2	2
474	East Providence town.....	213	40	13	6	4	65	7	2	1	9
475	Lincoln town.....	131	41	5	3	5	55	3	3	4	1
476	Newport.....	343	45	10	2	2	62	7	3	18	9
477	Pawtucket.....	727	154	16	14	10	198	10	5	20	27
478	Providence.....	3,574	776	171	74	46	34	1,101	78	48	75
479	Warwick town.....	438	120	18	4	4	148	8	6	13	18
480	Woonsocket.....	502	161	33	17	3	217	13	9	13	21
SOUTH CAROLINA. ¹											
481	Charleston (total).....	1,536	327	86	30	11	468	33	31	53	90
482	White.....	435	72	20	3	1	100	5	5	16	14
483	Colored.....	1,101	255	66	27	10	368	28	26	37	76
SOUTH DAKOTA.											
484	Sioux Falls.....	170	42	5	2	1	52	4	9	8	6
TENNESSEE. ¹											
485	Knoxville (total).....	652	110	33	16	9	168	9	6	29	59
486	White.....	445	74	27	11	7	119	5	5	15	29
487	Colored.....	207	6	5	2	2	49	4	1	14	30
488	Memphis (total).....	2,320	288	96	42	23	470	54	42	100	198
489	White.....	1,057	116	37	13	12	188	29	18	36	63
490	Colored.....	1,263	172	59	29	11	282	25	24	64	135
491	Nashville (total).....	2,114	354	126	51	30	584	64	55	101	128
492	White.....	1,066	194	60	21	14	295	25	24	38	49
493	Colored.....	1,048	160	66	30	16	289	39	31	63	79
TEXAS. ¹											
494	Galveston (total).....	620	105	19	8	6	142	12	6	14	37
495	White.....	431	78	14	7	4	107	9	3	6	21
496	Colored.....	189	27	5	1	2	35	3	3	8	16
497	San Antonio (total).....	1,754	413	73	33	17	547	26	32	59	119
498	White.....	1,536	369	67	30	17	492	26	26	49	98
499	Colored.....	218	44	6	3	2	55	6	6	10	21
UTAH. ¹											
500	Ogden.....	289	56	13	7	4	80	14	9	10	22
501	Salt Lake City.....	1,155	214	37	24	14	295	41	25	48	50
VERMONT.											
502	Barre.....	147	29	2	2	1	34	3	3	3	11
503	Bennington town.....	126	18	1	1	1	18	3	3	2	2
504	Burlington.....	399	133	9	2	4	151	9	4	11	10
505	Rutland.....	213	37	3	3	1	45	3	1	2	7
VIRGINIA. ¹											
506	Alexandria (total).....	284	63	7	6	4	82	9	4	7	12
507	White.....	168	40	3	4	1	48	5	2	3	8
508	Colored.....	116	23	4	2	3	34	4	2	4	4
509	Danville (total).....	444	98	19	24	10	157	17	9	17	25
510	White.....	242	57	14	10	2	86	9	4	7	11
511	Colored.....	202	41	5	14	8	71	8	5	10	14
512	Lynchburg (total).....	440	119	23	12	1	158	7	11	16	30
513	White.....	241	55	17	4	1	79	4	5	10	14
514	Colored.....	199	64	6	8	1	79	3	6	6	16
515	Manchester (total).....	175	45	11	6	2	65	2	2	8	14
516	White.....	104	26	7	5	1	40	2	2	6	7
517	Colored.....	71	19	4	1	1	25	2	2	2	7

¹ Nonregistration state; cities stated below only those with effective local ordinances.

DEATHS CLASSIFIED BY AGE.

ITS MAIN SUBDIVISIONS, THE REGISTRATION STATES, AND REGISTRATION CITIES: 1908—Continued.

AGE—continued.															
25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to 79	80 to 84	85 to 89	90 to 94	95 and over.	Un-known.
10	12	7	7	2	15	9	12	21	18	19	10	4	3		450
17	18	22	19	27	14	18	26	19	26	16	8	8			451
55	44	56	51	55	55	64	93	85	96	59	59	24	9		452
87	84	85	92	88	78	87	108	88	94	69	29	19	3	2	453
10	5	6	10	10	12	13	11	14	12	10	8	8		1	454
14	12	11	7	7	7	6	8	8	12	9	8	3			455
16	16	23	18	12	12	10	18	13	14	4		1			456
10	12	11	9	6	7	6	7	10	10	4	5	2			457
5	5	2	3	6	6	10	7	3	8	6	7				458
4	5	2	2	5	6	8	7	3	7	5	6				459
1	1	1	2	2	2	2	2	1	1	1	1				460
7	9	3	11	11	5	11	11	9	11	9	12	2			461
6	6	3	3	6	5	9	10	4	14	13	8	1			462
5	2	4	4	5	7	6	7	9	11	16	7	1			463
7	11	10	7	11	14	12	29	19	12	18	15	9	1		464
4	7	7	4	4	8	8	23	13	8	17	13	3	3		465
3	4	4	4	7	6	4	6	6	4	1	2	9	3		466
42	54	56	49	47	44	49	50	51	33	35	13	9	3	1	467
8	12	11	16	9	7	36	14	17	21	13	12	5	2		468
14	16	26	21	31	26	36	38	30	45	29	14	8	2		469
14	23	23	17	30	17	36	25	40	39	49	27	15	4		470
12	12	13	14	13	11	19	13	15	7	9	4	5			471
20	26	35	29	25	43	39	55	44	38	29	20	14	2	2	472
2	2	7	3	5	8	6	11	7	7	6	2	2			473
16	7	10	2	10	4	10	16	9	19	10	11	2	3		474
5	2	6	4	5	4	7	6	5	10	4	2	3	2		475
9	11	14	11	17	27	25	27	29	28	15	19	9	3		476
23	23	32	32	27	38	36	52	50	64	43	29	12	5	1	477
123	152	186	158	142	185	227	239	194	207	152	107	53	16	8	478
19	30	17	14	22	6	18	21	28	26	17	15	6	5	1	479
18	22	23	18	16	15	18	20	27	17	13	8	7	7		480
88	49	73	101	100	111	71	81	56	52	43	18	12	4	2	481
14	13	16	14	25	36	34	38	30	27	28	13	6	1	1	482
74	36	57	87	75	75	37	43	26	25	15	5	6	4	1	483
5	3	7	9	10	5	5	7	16	9	5	5	2	1	1	484
40	35	39	25	31	35	26	32	33	30	20	22	7	5	1	485
27	20	26	14	19	26	17	25	26	26	17	18	6	4	1	486
13	15	13	11	12	9	9	7	7	4	3	4	1	4		487
181	177	181	146	152	118	115	106	99	73	45	32	9	4	9	488
70	77	62	73	31	59	71	53	61	47	35	23	6	3	3	489
111	100	119	73	71	59	44	53	38	10	26	9	3	9	2	490
116	118	101	91	120	98	85	101	119	76	73	46	25	6	7	491
39	36	56	41	64	48	49	64	81	50	54	33	17	2	1	492
77	82	45	50	56	50	36	37	38	26	19	13	8	4	6	493
33	41	39	36	44	41	42	37	36	14	18	10	10	3	2	494
23	29	21	20	33	31	31	23	26	12	16	8	7	2	3	495
10	12	18	16	11	10	11	14	10	2	2	2	3	1	2	496
123	95	101	84	97	79	68	69	71	62	53	33	19	6	9	497
108	83	86	84	84	69	61	62	59	51	50	49	16	5	7	498
15	12	15	9	13	10	7	7	12	11	3	4	3	1	2	499
18	14	10	17	11	15	15	10	12	14	7	6	2	1		500
61	63	63	54	50	66	47	72	55	61	48	28	17	3	6	501
8	8	7	12	5	14	8	10	6	4	3	3	5			502
4	3	3	3	6	8	3	9	18	14	9	10	7	3	1	503
17	10	8	8	16	16	22	21	22	22	17	18	10	4	3	504
7	7	6	13	8	11	10	6	24	24	14	11	9	4	1	505
15	15	14	17	14	10	6	19	21	14	13	8	3	1		506
9	8	5	10	8	7	2	12	14	10	11	3	2	1		507
6	7	9	7	6	3	4	7	7	4	2	5	1			508
19	19	20	19	20	23	19	15	28	12	14	6	2			509
12	8	12	6	6	16	13	5	20	9	11	5	1			510
7	11	8	13	14	7	6	10	8	3	3	1	1			511
23	13	14	16	23	23	22	23	19	9	11	9	8	2	2	512
14	8	7	6	11	13	16	11	10	5	10	6	8	2	1	513
9	5	7	10	12	10	6	12	9	4	1	3				514
7	5	8	5	6	8	14	13	8	4	2	2	3			515
3	3	3	2	3	3	8	9	6	4	1	2	2			516
4	2	5	3	3	5	6	4	2	4	1	2	1			517

MORTALITY STATISTICS.

TABLE 2.—DEATHS (EXCLUSIVE OF STILLBIRTHS), CLASSIFIED BY AGE, FOR THE REGISTRATION AREA.

REGISTRATION AREA.		AGE.										
		All ages.	Under 1	1	2	3	4	Under 5	5 to 9	10 to 14	15 to 19	20 to 24
REGISTRATION CITIES—Continued.												
VIRGINIA ¹ —continued.												
518	Norfolk (total).....	1,434	247	52	27	20	14	360	43	22	48	85
519	White.....	655	110	15	9	5	6	145	19	10	17	29
520	Colored.....	779	137	37	18	15	8	215	24	12	31	56
521	Petersburg (total).....	626	147	34	12	10	5	208	15	6	19	36
522	White.....	230	46	9	4	3	2	64	1	1	4	10
523	Colored.....	396	101	25	8	7	3	144	14	5	15	26
524	Richmond (total).....	2,486	528	100	38	15	12	693	41	33	84	138
525	White.....	1,261	227	41	12	5	6	291	21	15	37	58
526	Colored.....	1,225	301	59	26	10	6	402	20	18	47	80
WASHINGTON.												
527	Seattle.....	1,950	284	45	26	15	14	384	43	38	61	107
528	Spokane.....	1,247	216	22	17	15	13	283	38	29	50	71
529	Tacoma.....	810	114	14	9	7	9	153	15	20	29	53
530	Walla Walla.....	239	32	11	3	1	1	48	7	5	5	18
WEST VIRGINIA. ¹												
531	Wheeling.....	674	113	29	12	5	8	167	7	12	20	53
WISCONSIN.												
532	Appleton.....	243	43	13	5	4	.....	65	6	5	8	5
533	Ashland.....	203	39	12	6	3	.....	60	11	2	5	9
534	Beloit.....	153	24	8	3	.....	1	36	.....	1	5	5
535	Chippewa Falls.....	147	23	7	.....	2	3	36	.....	6	11	7
536	Eau Claire.....	256	25	11	3	2	3	44	15	7	5	15
537	Fond du Lac.....	254	54	9	1	2	3	69	.....	4	5	6
538	Green Bay.....	453	153	11	8	2	3	177	21	12	9	21
539	Janesville.....	197	29	2	1	3	.....	35	4	1	8	11
540	Kenosha.....	235	66	7	3	.....	2	78	5	3	6	6
541	La Crosse.....	385	45	9	4	3	5	66	3	14	10	23
542	Madison.....	256	40	10	1	1	1	53	6	7	8	15
543	Manitowoc.....	170	32	3	3	1	2	41	6	6	5	7
544	Marinette.....	172	35	6	2	3	1	47	10	5	5	7
545	Merrill.....	118	23	6	6	1	2	38	6	6	5	7
546	Milwaukee.....	4,446	1,241	215	77	57	36	1,626	95	75	140	179
547	Oshkosh.....	445	83	22	5	6	2	118	11	4	15	23
548	Racine.....	400	79	15	9	2	3	108	9	7	13	23
549	Sheboygan.....	308	53	8	7	2	.....	70	12	12	18	14
550	Stevens Point.....	164	31	9	1	3	2	46	10	4	4	4
551	Superior.....	381	96	11	7	5	4	123	13	11	15	18
552	Watertown.....	103	16	3	2	.....	1	22	3	.....	4	4
553	Wausau.....	201	50	4	7	4	.....	65	6	6	6	8

¹Nonregistration state; cities stated below only those with effective local ordinances.

DEATHS CLASSIFIED BY AGE.

ITS MAIN SUBDIVISIONS, THE REGISTRATION STATES, AND REGISTRATION CITIES: 1908—Continued.

AGE—continued.															
25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to 79	80 to 84	85 to 89	90 to 94	95 and over.	Un-known.
100	93	96	89	87	89	63	74	59	43	43	20	14	4	2	518
32	32	37	36	34	41	46	50	41	29	27	19	8	3	2	519
68	61	59	53	53	48	17	24	18	14	16	1	6	1	2	520
42	23	23	18	33	34	31	25	34	27	20	14	6	1	4	521
18	9	8	3	15	14	11	13	19	17	12	8	1	5	2	522
24	14	15	15	18	20	20	12	15	10	8	6	5	1	4	523
134	121	115	149	131	147	129	152	121	109	87	62	27	8	4	524
54	44	48	56	63	72	65	89	89	95	76	55	23	7	3	525
80	77	67	93	68	75	64	63	32	14	11	7	4	1	1	526
132	129	124	117	134	117	97	110	112	90	79	39	25	5	2	527
36	76	87	86	71	72	61	48	57	44	43	21	7	6	2	528
52	53	44	44	49	45	49	34	55	36	35	24	14	3	1	529
15	9	17	13	14	13	16	7	10	17	16	6	3	3	1	530
49	39	37	27	31	27	45	36	38	28	25	16	11	5	1	531
6	10	9	8	4	11	15	18	10	19	17	9	10	6	2	532
6	11	17	9	12	17	6	13	4	8	6	5	2	2	2	533
7	2	6	6	6	8	6	8	15	9	13	7	5	3	2	534
4	3	6	4	6	12	4	8	6	9	11	7	1	7	2	535
12	15	10	12	10	12	14	18	18	15	14	13	6	3	1	536
9	12	9	7	13	17	10	11	15	16	20	18	8	4	1	537
20	19	11	8	17	15	22	16	25	19	12	14	6	6	1	538
6	6	8	9	12	14	3	16	10	11	23	6	8	4	2	539
14	9	7	8	13	10	11	6	14	13	9	10	6	1	6	540
16	17	18	18	14	18	16	34	29	28	23	23	9	2	1	541
9	6	12	4	12	20	12	13	16	15	11	13	15	4	4	542
12	4	9	3	7	5	7	9	4	13	15	9	9	1	2	543
7	4	4	10	7	6	8	9	11	9	7	7	3	1	3	544
6	6	1	6	5	6	3	7	3	2	6	6	1	1	2	545
170	171	150	167	220	191	188	193	209	194	216	157	81	17	7	546
13	14	16	21	12	17	18	19	27	27	40	20	20	6	3	547
15	16	20	12	21	15	16	24	20	32	19	21	5	2	1	548
8	7	9	9	17	15	11	14	17	15	26	20	10	3	1	549
3	8	6	1	6	7	8	11	7	9	10	13	6	1	2	550
23	17	22	25	29	13	14	16	10	9	9	3	4	3	2	551
2	3	2	2	2	4	5	8	10	8	6	12	3	1	2	552
4	7	7	7	7	13	9	12	12	11	10	9	3	1	2	553

MORTALITY STATISTICS.

TABLE 3.—DEATHS (EXCLUSIVE OF STILLBIRTHS) AND DEATH RATES PER 100,000 OF POPULATION, FROM CERTAIN REGISTRATION

REGISTRATION AREA.		CAUSES OF DEATH.											Cancer.		
		All causes.	Typhoid fever.	Malarial fever.	Small-pox.	Measles.	Scarlet fever.	Whooping cough.	Diphtheria and croup.	Influenza.	All other epidemic diseases.	Tuberculosis of lungs.		Other forms of tuberculosis.	
SUMMARIES.															
1	The registration area:	Deaths.....	691,574	11,375	1,109	92	4,611	5,577	4,969	10,052	9,989	5,390	67,376	10,913	33,465
2		Death rate...	1,535.8	25.3	2.5	0.2	10.2	12.4	11.0	22.2	22.2	12.0	149.6	24.2	74.3
3	Registration cities:	Deaths.....	448,113	7,130	811	55	3,179	4,178	2,896	7,031	5,118	3,072	46,921	7,545	21,602
4		Death rate...	1,624.3	25.8	2.9	0.2	11.5	15.1	10.5	18.6	11.1	170.1	27.3	78.3	
5	Registration states:	Deaths.....	567,245	9,044	507	58	4,079	4,808	4,115	8,476	8,165	4,396	53,544	9,084	27,617
6		Death rate...	1,532.7	24.4	1.4	0.2	11.0	13.0	11.1	22.9	22.1	11.9	144.7	24.5	74.6
7	Cities in registration states:	Deaths.....	323,784	4,799	209	21	2,647	3,409	2,042	5,455	3,294	2,078	33,089	5,716	15,754
8		Death rate...	1,654.6	24.5	1.1	0.1	13.5	17.4	10.4	27.9	16.8	10.6	169.1	29.2	80.5
9	Rural part of registration states:	Deaths.....	243,461	4,245	298	37	1,432	1,399	2,073	3,021	4,871	2,318	20,455	3,368	11,863
10		Death rate...	1,396.0	24.3	1.7	0.2	8.2	8.0	11.9	17.3	27.9	13.3	117.3	19.3	68.0
11	Registration cities in other states:	Deaths.....	124,329	2,331	602	34	532	769	854	1,576	1,824	994	13,832	1,829	5,848
12		Death rate...	1,530.2	29.1	7.5	0.4	6.6	9.6	10.6	19.6	22.7	12.4	172.5	22.8	72.9
REGISTRATION STATES.															
13	California.....	Deaths.....	31,264	535	73	9	88	107	132	382	306	183	4,004	613	1,774
14		Death rate...	1,836.5	31.4	4.3	0.5	5.2	6.3	7.8	22.4	18.0	10.7	235.2	36.0	104.2
15	Colorado.....	Deaths.....	10,923	304	3	3	105	181	143	182	145	73	1,790	137	402
16		Death rate...	1,704.4	47.4	0.5	0.5	16.4	28.2	22.3	28.4	22.6	11.4	279.3	21.4	62.7
17	Connecticut.....	Deaths.....	15,991	192	36		84	62	84	200	339	138	1,396	231	790
18		Death rate...	1,540.3	18.5	3.5		8.1	6.0	8.1	19.3	32.7	13.3	134.5	22.3	76.1
19	Indiana.....	Deaths.....	34,029	909	106	9	205	95	415	324	788	448	3,792	727	1,795
20		Death rate...	1,226.0	32.7	3.8	0.3	7.4	3.4	15.0	11.7	28.4	16.1	136.6	26.2	64.7
21	Maine.....	Deaths.....	11,503	150	7		22	17	74	102	226	66	878	236	695
22		Death rate...	1,595.0	20.8	1.0		3.1	2.4	10.3	14.1	31.3	9.2	121.7	32.7	96.4
Maryland:															
23	Total.....	Deaths.....	20,177	507	24		78	97	135	179	371	192	2,269	304	821
24	White.....	Deaths.....	14,920	376	18		67	92	84	142	262	153	1,416	217	709
25	Colored.....	Deaths.....	5,257	131	6		11	5	51	37	109	39	853	87	112
26	Total.....	Death rate...	1,546.6	38.9	1.8		6.0	7.4	10.3	13.7	28.4	14.7	173.9	23.3	62.9
27	White.....	Death rate...	1,423.4	35.9	1.7		6.4	8.8	8.0	13.5	25.0	14.6	135.1	20.7	67.6
28	Colored.....	Death rate...	2,050.8	51.1	2.3		4.3	2.0	19.9	14.4	42.5	15.2	332.8	33.9	43.7
29	Massachusetts.....	Deaths.....	51,523	521	15	3	485	388	412	758	590	380	4,541	836	2,927
30		Death rate...	1,650.0	16.7	0.5	0.1	15.5	12.4	13.2	24.3	18.9	12.2	145.4	26.8	93.7
31	Michigan.....	Deaths.....	36,505	683	39	9	119	194	280	346	538	348	2,243	463	1,924
32		Death rate...	1,383.3	25.9	1.5	0.3	4.5	7.4	11.0	13.1	20.4	13.2	85.0	17.5	72.9
33	New Hampshire.....	Deaths.....	7,157	83	4		18	6	41	107	121	48	481	89	384
34		Death rate...	1,627.9	18.9	0.9		4.1	1.4	9.3	24.3	27.5	10.9	109.4	20.2	87.3
35	New Jersey.....	Deaths.....	35,526	342	29	1	186	427	236	538	234	249	3,686	616	1,553
36		Death rate...	1,544.3	14.9	1.3	(*)	8.1	18.6	10.3	23.4	10.2	10.8	160.2	26.3	67.5
37	New York.....	Deaths.....	138,883	1,403	87	3	1,161	1,754	514	2,418	1,492	944	14,339	2,297	6,797
38		Death rate...	1,625.1	16.4	1.0	(*)	13.6	20.5	6.0	28.3	17.5	11.0	167.8	26.9	79.5
39	Pennsylvania.....	Deaths.....	112,246	2,450	49		1,215	1,217	1,264	1,970	1,863	851	8,703	1,508	4,520
40		Death rate...	1,572.7	34.3	0.7		17.0	17.1	17.7	27.6	26.1	11.9	121.9	21.1	63.3
41	Rhode Island.....	Deaths.....	8,271	66	10		81	36	32	151	135	61	872	183	427
42		Death rate...	1,618.6	12.9	2.0		15.9	7.0	6.3	29.5	26.4	11.9	170.6	35.8	83.6
43	South Dakota.....	Deaths.....	4,940	98	4	8	103	40	42	106	99	48	429	68	225
44		Death rate...	1,014.9	20.1	0.8	1.6	21.1	8.2	8.6	21.8	20.3	9.8	88.0	14.0	46.2
45	Vermont.....	Deaths.....	5,639	68	1	1	9	8	46	40	154	54	383	85	325
46		Death rate...	1,599.2	19.3	0.3	0.3	2.6	2.3	13.0	11.3	43.7	15.3	108.6	24.1	92.2
47	Washington.....	Deaths.....	9,566	286	6	3	22	36	26	229	93	83	871	211	466
48		Death rate...	1,479.0	44.2	0.9	0.5	3.4	5.6	4.0	35.4	14.4	12.8	134.7	32.6	72.0
49	Wisconsin.....	Deaths.....	26,960	322	6	9	96	133	192	417	543	200	2,155	354	1,513
50		Death rate...	1,159.6	13.9	0.3	0.4	4.1	5.7	8.3	17.9	23.4	8.6	92.7	15.2	65.1
REGISTRATION CITIES.															
ALABAMA. ¹															
Birmingham:															
51	Total.....	Deaths.....	1,109	52	14				3	13	9	12	132	24	41
52	White.....	Deaths.....	517	29	3				2	5	4	7	29	13	31
53	Colored.....	Deaths.....	592	23	11				1	8	5	5	103	11	10
54	Total.....	Death rate...	2,294.9	107.6	29.0				6.2	26.9	18.6	24.8	273.2	49.7	84.8
55	White.....	Death rate...	1,882.5	105.6	10.9				7.3	18.2	14.6	25.5	105.6	47.3	112.9
56	Colored.....	Death rate...	2,837.8	110.3	52.7				4.8	33.3	24.0	24.0	493.7	52.7	47.9

¹ Rates shown for all ages.² Rates not shown from this cause. Such rates are preferably based upon female population of childbearing age, estimates of which are not available.

PRINCIPAL CAUSES AND RATES.

CAUSES OF DEATH, FOR THE REGISTRATION AREA, ITS MAIN SUBDIVISIONS, THE REGISTRATION STATES, AND CITIES: 1908.

CAUSES OF DEATH—continued.																				
Tumor.	Dia-betes.	Menin-gitis.	Other diseases of nervous system.	Diseases of circula-tory system.	Pneu-monia (lobar and unquali-fied).	Other diseases of respira-tory system.	Diarrhea and enteritis. ¹		Other diseases of digestive system.	Bright's disease and nephritis.	Child-birth. ²	Diseases of early infancy.	Suicide.	Accid-ent.	Ill-defined causes.	All other causes.	Cause un-known.			
							Under 2 years.	2 years and over.												
458 1.0	6,274 13.9	8,904 19.8	62,186 138.1	80,607 179.0	44,501 98.8	37,257 82.7	44,521 116.0	7,692	37,430 83.1	43,835 97.3	7,344 (²)	32,274 71.7	8,332 18.5	44,089 97.9	12,220 27.1	47,445 121.7	1,287 2.9		1	
295 1.1	3,908 14.2	5,927 21.5	35,476 128.6	50,073 181.5	30,036 108.9	26,466 95.9	30,816 128.0	4,500	24,476 88.7	30,977 112.3	4,690 (²)	22,008 79.8	5,818 21.1	26,479 96.0	7,565 27.4	28,706 121.0	359 1.3		3	
369 1.0	5,319 14.4	7,163 19.4	52,467 141.8	67,794 183.2	35,556 96.1	31,008 83.8	36,822 116.2	6,199	29,753 80.4	35,161 95.0	6,038 (²)	26,757 72.3	6,506 17.6	36,548 98.8	9,911 26.8	38,865 121.3	1,126 3.0		5	
206 1.1	2,953 15.1	4,186 21.4	25,757 131.6	37,260 190.4	21,091 107.8	20,217 103.3	23,117 133.5	3,007	16,799 85.8	22,293 113.9	3,384 (²)	16,491 84.3	3,992 20.4	18,938 96.8	5,256 26.9	20,126 120.1	198 1.0		7	
163 0.9	2,366 13.6	2,977 17.1	26,710 153.2	30,534 175.1	14,465 82.9	10,791 61.9	13,705 96.9	3,192	12,954 74.3	12,858 73.7	2,654 (²)	10,266 53.9	2,514 14.4	17,610 101.0	4,655 26.7	18,739 122.7	928 5.3		9	
89 1.1	955 11.9	1,741 21.7	9,719 121.2	12,813 159.8	8,945 111.5	6,249 77.9	7,699 114.6	1,493	7,677 95.7	9,694 108.3	1,306 (²)	5,517 68.8	1,826 22.8	7,541 94.0	2,309 28.8	8,580 123.3	161 2.0		11	
19 1.1	292 17.2	539 31.7	2,734 160.6	4,322 253.9	1,771 104.0	1,249 73.4	851 64.9	254	1,788 105.0	1,872 110.0	310 (²)	955 56.1	768 45.1	2,614 153.5	376 22.1	2,299 153.3	45 2.6		13	
10 1.6	63 9.8	174 27.2	653 101.9	921 143.7	998 155.7	422 65.8	511 91.4	75	581 90.7	523 81.6	174 (²)	473 73.8	149 23.2	944 147.3	51 8.0	720 139.5	13 2.0		15	
17 1.6	203 19.6	282 27.2	1,641 158.1	2,066 199.0	1,012 97.5	758 73.0	1,070 117.0	145	775 74.7	1,100 106.0	126 (²)	329 79.9	197 19.0	1,009 97.2	191 18.4	976 106.2	42 4.0		17	
22 0.8	333 12.0	412 14.8	3,320 119.6	4,275 154.0	1,760 63.4	1,399 50.4	1,658 75.9	450	2,022 72.8	1,841 66.3	351 (²)	1,442 52.0	385 13.9	2,125 76.6	231 8.3	2,358 97.6	32 1.2		19	
7 1.0	118 16.4	180 25.0	1,359 188.4	1,542 213.8	805 111.6	446 61.8	713 118.3	140	604 83.8	687 95.3	32 (²)	453 62.8	112 15.5	528 73.2	201 27.9	947 142.7	106 14.7		21	
10 9	113 99	259 210	2,050 1,619	1,944 1,481	1,129 740	1,097 737	1,304 1,004	224 183	947 743	1,528 1,152	194 148	1,119 817	151 140	1,022 810	741 480	1,294 979	74 33		23	
1 0.8	14 49	431	431	463	389	360	300	41	204	376	46	302	11	212	261	315	41		25	
0 0.9	8.7 9.4	19.9 20.0	157.1 154.5	149.0 141.3	86.5 79.6	84.1 70.3	117.1 113.2	72.6 70.9	117.1 109.9	72.6 70.9	(²) (²)	85.8 77.9	11.6 13.4	78.3 77.3	56.8 45.8	114.1 107.5	5.7 3.1		26	
0 0.4	5.5	19.1	168.1	180.6	151.8	140.4	133.0		79.6	146.7	(²)	117.8	4.3	82.7	140.8	16.0			28	
46 1.5	532 17.0	765 24.5	4,889 156.6	7,402 237.0	3,520 112.7	2,691 86.2	3,454 126.1	483	2,230 71.4	2,657 85.1	355 (²)	2,909 93.2	450 14.4	2,684 86.0	1,169 37.4	3,335 119.8	46 1.5		29	
29 1.1	371 14.1	392 14.9	3,888 147.3	4,749 180.0	1,745 180.0	1,638 62.1	2,271 105.2	506	2,455 93.0	1,676 63.5	460 (²)	1,818 68.9	392 14.9	2,332 88.4	919 34.8	3,588 153.4	80 3.0		31	
7 1.6	88 20.0	150 34.1	829 188.6	1,017 231.3	422 96.0	339 77.1	404 108.3	72	364 82.8	412 93.7	43 (²)	373 84.8	65 14.8	326 74.2	163 37.1	690 166.7	11 2.5		33	
18 0.8	295 12.8	546 23.7	3,553 154.4	3,832 166.6	2,532 110.1	2,025 88.0	2,544 127.4	387	1,699 73.9	2,468 107.3	348 (²)	1,728 75.1	442 19.2	2,170 94.3	812 35.3	2,014 102.7	16 0.7		35	
80 0.9	1,410 16.5	1,481 17.3	11,499 134.5	17,552 205.4	8,832 103.3	9,819 109.0	9,657 128.9	1,357	6,709 78.5	10,716 125.4	1,367 (²)	6,166 72.1	1,634 19.1	8,028 98.9	1,476 17.3	8,369 113.9	22 0.3		37	
60 0.8	895 12.5	1,037 14.5	10,335 144.8	11,345 159.0	7,102 99.5	6,827 95.7	9,026 145.6	1,367	5,913 82.8	6,346 88.9	1,460 (²)	5,598 78.4	988 13.8	8,643 121.1	2,535 35.5	7,003 118.6	156 2.2		39	
1 0.2	78 15.3	84 16.4	732 143.2	961 188.1	611 119.6	441 86.3	595 137.0	105	417 81.6	608 119.0	87 (²)	379 74.2	96 18.8	431 84.3	96 18.8	486 112.1	9 1.8		41	
9 1.8	42 8.6	65 13.3	384 78.8	306 62.8	381 78.2	184 37.8	278 72.4	75	289 59.3	172 35.3	69 (²)	243 49.9	49 10.1	326 66.9	123 25.2	510 118.8	171 35.1		43	
-----	64	75	602	878	399	241	260	70	297	384	67	197	51	323	34	510	13		45	
-----	18.1	21.3	170.7	249.0	113.2	68.3	93.6		84.2	108.9	(²)	55.9	14.5	91.6	9.6	163.6	3.7		46	
13 2.0	83 12.8	201 31.1	796 123.1	944 145.9	540 83.5	280 43.3	376 71.7	88	598 92.5	515 79.6	184 (²)	354 54.7	220 34.0	1,085 167.7	164 25.4	747 143.9	46 7.1		47	
19 0.8	303 13.0	465 20.0	2,675 115.1	2,929 126.0	1,622 69.8	1,303 56.0	1,509 79.4	336	1,735 74.6	1,198 51.5	304 (²)	1,408 60.6	291 12.5	1,655 71.2	538 23.1	2,486 120.0	244 10.5		49	
3 -----	6 4	6 3	55 21	47 16	71 25	48 22	51 27	18	99 69	61 33	17 8	30 20	11 10	131 57	69 24	68 38	18 6		51	
-----	2	3	34	31	46	26	24		30	28	9	10	1	74	45	30	12		53	
6.2 -----	12.4	12.4	113.8	97.3	146.9	99.3	142.8		204.9	126.2	(²)	62.1	22.8	271.1	142.8	175.9	37.2		54	
-----	14.6	10.9	76.8	58.3	91.0	80.1	138.4		251.2	120.2	(²)	72.8	36.4	207.5	87.4	167.5	21.8		55	
14.4	9.6	14.4	163.0	148.6	220.5	124.6	148.6		143.8	134.2	(²)	47.9	4.8	354.7	215.7	187.0	57.5		56	

² Less than one-tenth.
¹ Nonregistration state; cities stated below only those with effective local ordinances.

MORTALITY STATISTICS.

TABLE 3.—DEATHS (EXCLUSIVE OF STILLBIRTHS) AND DEATH RATES PER 100,000 OF POPULATION, FROM CERTAIN REGISTRATION

REGISTRATION AREA.		CAUSES OF DEATH.													
		All causes.	Typhoid fever.	Malarial fever.	Small-pox.	Measles.	Scarlet fever.	Whooping cough.	Diphtheria and croup.	Influenza.	All other epidemic diseases.	Tuberculosis of lungs.	Other forms of tuberculosis.	Cancer.	
REGISTRATION CITIES—Continued.															
ALABAMA ² —continued.															
Mobile:															
57	Total	Deaths.....	1,140	21	23		8		5	2	30	17	176	8	41
58	White	Deaths.....	522	16	7		4		2	1	12	5	49	5	30
59	Colored	Deaths.....	618	5	16		4		3	1	18	12	127	3	11
60	Total	Death rate..	2,096.3	38.6	42.3		14.7		9.2	3.7	55.2	31.3	323.6	14.7	75.4
61	White	Death rate..	1,725.3	52.9	23.1		13.2		6.6	3.3	39.7	16.5	162.0	16.5	99.2
62	Colored	Death rate..	2,561.6	20.7	66.3		16.6		12.4	4.1	74.6	49.7	526.4	12.4	45.6
Montgomery:															
63	Total	Deaths.....	797	25	16		1		5	3	20	13	113	7	20
64	White	Deaths.....	254	8	3				1	1	4	5	26	2	13
65	Colored	Deaths.....	543	17	13		1		4	2	16	8	87	5	7
66	Total	Death rate..	1,858.4	58.3	37.3		2.3		11.7	7.0	46.6	30.3	263.5	16.3	46.6
67	White	Death rate..	1,371.7	43.2	16.2				5.4	5.4	21.6	27.0	140.4	10.8	70.2
68	Colored	Death rate..	2,228.1	69.8	53.3		4.1		16.4	8.2	65.7	32.8	357.0	20.5	28.7
CALIFORNIA.															
69	Alameda	Deaths.....	344	9	2				1	2	1		21	9	24
70		Death rate..	1,661.6	43.5	9.7				4.8	9.7	4.8		101.4	43.5	115.9
71	Berkeley	Deaths.....	448	3			4				4	2	36	13	39
72		Death rate..	(¹)	(¹)			(¹)				(¹)	(¹)	(¹)	(¹)	(¹)
Fresno:															
73	Total	Deaths.....	369	19	1		2	1	4	11	3	6	50	9	18
74	White	Deaths.....	317	12	1		2	1	4	11	3	6	35	8	15
75	Colored ²	Deaths.....	52	7									15	1	3
76	Total	Death rate..	2,675.9	137.8	7.3		14.5	7.3	29.0	79.8	21.8	43.5	362.6	65.3	130.5
77	White	Death rate..	2,630.7	99.6	8.3		16.6	8.3	33.2	91.3	24.9	49.8	290.5	66.4	124.5
78	Colored ²	Death rate..	2,988.5	402.3									862.1	57.5	172.4
79	Los Angeles	Deaths.....	3,750	47	3	1	6	11	12	48	40	16	628	83	245
80		Death rate..	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
81	Oakland	Deaths.....	1,647	28	1		2	1	4	13	3	8	160	37	120
82		Death rate..	(¹)	(¹)	(¹)		(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
83	Pasadena	Deaths.....	371				1			1	2	1	104	8	28
84		Death rate..	(¹)				(¹)			(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
85	Sacramento	Deaths.....	758	29	5		1	4	3	13	10	5	78	15	45
86		Death rate..	2,398.7	91.8	15.8		3.2	12.7	9.5	41.1	31.6	15.8	246.8	47.5	142.4
87	San Diego	Deaths.....	698	4	1		4		2	5	16	1	110	18	46
88		Death rate..	(¹)	(¹)	(¹)		(¹)		(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
89	San Francisco	Deaths.....	6,260	78	6	2	20	17	24	79	18	27	725	131	421
90		Death rate..	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
91	San Jose	Deaths.....	389	9	1		3			6	2	1	49	9	27
92		Death rate..	1,604.0	37.1	4.1		12.4			24.7	8.2	4.1	202.0	37.1	111.3
93	Stockton	Deaths.....	483	6	2	1			2	1	5	4	76	6	9
94		Death rate..	(¹)	(¹)	(¹)	(¹)			(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
COLORADO.															
95	Colorado Springs	Deaths.....	473	6	1		3	7	3	3	6	1	162	13	19
96		Death rate..	1,494.9	19.0	3.2		9.5	22.1	9.5	9.5	19.0	3.2	512.0	41.1	60.1
97	Denver	Deaths.....	3,668	85	2		31	38	33	71	36	23	733	61	171
98		Death rate..	2,364.6	54.8	1.3		20.0	24.5	21.3	45.8	23.2	14.8	472.5	39.3	110.2
99	Leadville	Deaths.....	153	2				1			1		3		2
100		Death rate..	1,084.3	14.2				7.1			7.1		21.3		14.2
101	Pueblo	Deaths.....	605	20		1		17	10	8	16	3	90	5	20
102		Death rate..	1,917.2	63.4		3.2		53.9	31.7	25.4	50.7	9.5	285.2	15.8	63.4
CONNECTICUT.															
103	Ansonia	Deaths.....	211	1				1		3	5	2	14	3	4
104		Death rate..	1,450.0	6.9				6.9		20.6	34.4	13.7	96.2	20.6	27.5
105	Bridgeport	Deaths.....	1,397	16	1		6	6	7	22	10	11	141	32	63
106		Death rate..	1,575.0	18.0	1.1		6.8	6.8	7.9	24.8	11.3	12.4	159.0	36.1	71.0
107	Bristol town	Deaths.....	162	5						2	4	1	13	2	4
108		Death rate..	1,414.7	43.7						17.5	34.9	8.7	113.5	17.5	34.9
109	Danbury town	Deaths.....	340	3	1		1	1		3	6	4	37	5	14
110		Death rate..	1,745.9	15.4	5.1		5.1	5.1		15.4	30.8	20.5	190.0	25.7	71.9
111	Greenwich town	Deaths.....	277		3		5	2		8	11	4	17	2	13
112		Death rate..	2,006.7		21.7		36.2	14.5		58.0	79.7	29.0	123.2	14.5	94.2
113	Hartford	Deaths.....	1,459	18			14	12	8	15	15	11	131	19	80
114		Death rate..	1,442.5	17.8			13.8	11.9	7.9	14.8	14.8	10.9	129.5	18.8	79.1

¹ Rates shown for all ages.

² Rates not shown from this cause; see note 2 on page 64.

PRINCIPAL CAUSES AND RATES.

CAUSES OF DEATH, FOR THE REGISTRATION AREA, ITS MAIN SUBDIVISIONS, THE REGISTRATION STATES, AND CITIES: 1908—Continued.

CAUSES OF DEATH—continued.																			
Tumor.	Dia- betes.	Menin- gitis.	Other diseases of nervous system.	Diseases of circulatory system.	Pneu- monia (lobar and unquali- fied).	Other diseases of respira- tory system.	Diarrhea and enteritis. ¹		Other diseases of digestive system.	Bright's disease and nephritis.	Child- birth. ²	Diseases of early infancy.	Suicide.	Acci- dent.	Ill- defined causes.	All other causes.	Cause un- known.		
							Under 2 years.	2 years and over.											
-----	2	5	107	104	38	20	59	19	62	133	17	53	6	83	22	75	4	57	
-----	1	3	42	52	9	9	30	10	34	75	8	29	6	41	10	30	2	58	
-----	1	2	65	52	29	11	29	9	28	58	9	24	-----	42	12	45	-----	59	
-----	3.7	9.2	196.8	191.2	69.9	36.8	143.4	-----	114.0	244.6	(2)	97.5	11.0	152.6	40.5	169.2	7.4	60	
-----	3.3	9.9	138.8	171.9	29.7	6	132.2	-----	112.4	247.9	(2)	95.9	19.8	135.5	33.1	125.6	6.6	61	
-----	4.1	8.3	269.4	215.5	120.2	45.6	157.5	-----	116.1	240.4	(2)	99.5	-----	174.1	49.7	223.8	8.3	62	
-----	1	5	80	64	47	10	30	13	42	67	-----	16	6	46	37	97	-----	63	
-----	1	2	32	30	3	4	8	5	14	25	-----	6	6	15	6	31	-----	64	
-----	1	9	48	34	44	6	22	8	28	42	-----	10	-----	31	81	66	-----	65	
-----	2.3	11.7	30.3	186.5	149.2	23.3	100.3	-----	97.9	156.2	-----	37.3	14.0	107.3	86.3	226.2	-----	66	
-----	10.8	21.6	172.8	162.0	16.2	21.6	70.2	-----	75.6	135.0	-----	32.4	32.4	81.0	32.4	167.4	-----	67	
-----	4.1	12.3	36.9	197.0	139.5	24.6	123.1	-----	114.9	172.3	-----	41.0	-----	127.2	127.2	270.8	-----	68	
-----	5	5	34	64	20	20	7	4	19	33	4	13	11	18	1	17	-----	69	
-----	24.2	24.2	164.2	309.1	96.6	96.6	53.1	-----	91.8	159.4	(2)	62.8	53.1	86.9	4.8	101.4	-----	70	
-----	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(2)	(4)	(4)	(4)	(4)	(4)	(4)	-----	71
-----	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(2)	(4)	(4)	(4)	(4)	(4)	(4)	-----	72
-----	3	14	17	26	19	14	27	4	30	5	10	16	8	26	3	23	-----	73	
-----	3	11	15	23	14	12	25	4	26	5	9	15	7	25	3	22	-----	74	
-----	3	3	2	3	5	2	2	-----	4	-----	1	1	1	1	1	1	-----	75	
-----	21.8	101.5	123.3	188.5	137.8	101.5	224.8	-----	217.5	36.3	(2)	116.0	58.0	188.5	21.8	239.3	-----	76	
-----	24.9	91.3	124.5	190.9	116.2	99.6	240.7	-----	215.8	41.5	(2)	124.5	58.1	207.5	24.9	257.3	-----	77	
-----	172.4	172.4	114.9	287.4	114.9	114.9	114.9	-----	229.9	-----	(2)	57.5	57.5	57.5	114.9	-----	78		
-----	1	31	66	327	459	182	150	99	216	235	34	127	92	235	35	289	-----	79	
-----	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(2)	(4)	(4)	(4)	(4)	(4)	(4)	-----	80
-----	3	16	21	132	288	84	72	53	101	115	13	63	52	123	13	102	-----	81	
-----	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(2)	(4)	(4)	(4)	(4)	(4)	(4)	-----	82
-----	1	3	5	25	56	10	10	5	23	33	-----	8	6	20	2	16	-----	83	
-----	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(2)	(4)	(4)	(4)	(4)	(4)	(4)	-----	84
-----	1	3	21	83	55	28	24	6	66	36	12	27	22	47	14	53	-----	85	
-----	3.2	9.5	66.5	164.6	262.7	174.1	94.9	-----	208.9	113.9	(2)	85.4	69.6	148.7	44.3	205.7	-----	86	
-----	1	5	5	77	89	43	20	18	45	48	6	16	12	47	10	43	-----	87	
-----	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(2)	(4)	(4)	(4)	(4)	(4)	(4)	-----	88
-----	62	101	421	961	377	342	172	28	396	451	69	207	206	472	51	391	-----	89	
-----	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(2)	(4)	(4)	(4)	(4)	(4)	(4)	-----	90
-----	1	5	13	39	75	19	10	9	15	29	3	8	11	21	1	21	-----	91	
-----	4.1	20.6	53.6	160.8	309.3	78.3	41.2	45.4	61.9	119.6	(2)	33.0	45.4	86.6	4.1	99.0	-----	92	
-----	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(2)	(4)	(4)	(4)	(4)	(4)	(4)	-----	93
-----	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(2)	(4)	(4)	(4)	(4)	(4)	(4)	-----	94
-----	3	1	21	30	34	21	9	5	28	24	4	11	5	24	1	28	-----	95	
-----	9.5	3.2	66.4	94.8	107.5	66.4	44.2	-----	88.5	75.9	(2)	34.8	15.8	75.9	3.2	101.1	-----	96	
-----	5	19	57	255	356	110	132	17	190	212	40	181	58	177	12	259	-----	97	
-----	3.2	12.2	36.7	164.4	229.5	70.9	96.1	-----	122.5	136.7	(2)	84.4	37.4	114.1	7.7	192.7	0.6	98	
-----	2	1	13	17	28	7	6	-----	12	11	-----	13	4	15	-----	15	-----	99	
-----	14.2	7.1	92.1	120.5	198.4	49.6	42.5	-----	85.0	78.0	-----	92.1	28.3	106.3	-----	106.3	-----	100	
-----	1	5	29	56	77	26	24	6	38	25	11	30	8	46	1	25	-----	101	
-----	3.2	15.8	22.2	91.9	177.5	244.0	82.4	95.1	120.4	79.2	(2)	95.1	25.4	145.8	3.2	114.1	-----	102	
-----	3	8	14	20	14	19	32	2	10	9	5	22	1	5	2	9	-----	103	
-----	20.6	55.0	96.2	137.4	96.2	130.6	233.6	-----	68.7	61.8	(2)	151.2	6.9	34.4	13.7	96.2	20.6	104	
-----	2	17	32	83	164	103	118	11	67	136	13	87	15	95	16	57	-----	105	
-----	2.3	19.2	36.1	93.6	184.9	116.1	145.4	-----	75.5	153.3	(2)	98.1	16.9	107.1	18.0	78.9	-----	106	
-----	-----	1	13	10	20	6	19	3	17	7	-----	9	2	12	2	10	-----	107	
-----	-----	8.7	113.5	87.3	174.7	52.4	192.1	-----	148.5	61.1	-----	78.6	17.5	104.8	17.5	87.3	-----	108	
-----	3	8	30	49	28	17	20	5	16	28	2	6	6	25	1	21	-----	109	
-----	15.4	41.1	154.1	251.6	143.8	87.3	128.4	-----	82.2	143.8	(2)	30.8	30.8	128.4	5.1	118.1	-----	110	
-----	1	1	4	31	20	17	22	1	13	25	3	15	2	23	5	16	-----	111	
-----	7.2	7.2	29.0	224.6	144.9	123.2	166.6	-----	94.2	181.1	(2)	108.7	14.5	166.6	36.2	137.6	-----	112	
-----	2	14	17	145	179	118	60	9	71	123	12	77	24	100	14	96	-----	113	
-----	2.0	13.8	16.8	143.4	177.0	116.7	68.2	-----	70.2	121.6	(2)	76.1	23.7	98.9	13.8	106.8	1.0	114	

¹Nonregistration state; cities stated below only those with effective local ordinances.

²Population not estimated.

³Chiefly Chinese and Japanese.

MORTALITY STATISTICS.

TABLE 3.—DEATHS (EXCLUSIVE OF STILLBIRTHS) AND DEATH RATES PER 100,000 OF POPULATION, FROM CERTAIN REGISTRATION

	REGISTRATION AREA.	CAUSES OF DEATH.												
		All causes.	Typhoid fever.	Malarial fever.	Small-pox.	Measles.	Scarlet fever.	Whooping cough.	Diphtheria and croup.	Influenza.	All other epidemic diseases.	Tuberculosis of lungs.	Other forms of tuberculosis.	Cancer.
REGISTRATION CITIES—Continued.														
CONNECTICUT—continued.														
115	Manchester town.....	Deaths.....	112				1			3	1	13	1	4
116	.....	Death rate..	895.7				8.0			24.0	8.0	104.0	8.0	32.0
117	Meriden town.....	Deaths.....	438	5	5		1	1	2	6	17	2	47	12
118	.....	Death rate..	1,398.9	16.0	16.0		3.2	3.2	6.4	19.2	54.3	6.4	150.1	38.3
119	Middletown town.....	Deaths.....	436	5	2				1	8	3	3	49	8
120	.....	Death rate..	2,257.9	25.9	10.4				5.2	41.4	15.5	15.5	253.8	41.4
121	Naugatuck.....	Deaths.....	122	1			1			1	2	1	12	2
122	.....	Death rate..	871.6	7.1			7.1			7.1	14.3	7.1	85.7	14.3
123	New Britain.....	Deaths.....	548	10	2		1		14	7	8	8	43	9
124	.....	Death rate..	1,541.1	28.1	5.6		2.8		39.4	19.7	22.5	22.5	120.9	25.3
125	New Haven.....	Deaths.....	2,121	43	8		8	3	14	34	33	14	187	34
126	.....	Death rate..	1,688.3	34.2	6.4		6.4	2.4	11.1	27.1	26.3	11.1	148.9	27.1
127	New London.....	Deaths.....	317	2			1	4			10		22	3
128	.....	Death rate..	1,540.3	9.7			4.9	19.4			48.6		106.9	14.6
129	Norwalk town.....	Deaths.....	366	10	1			1	8	5	8	1	37	3
130	.....	Death rate..	1,688.3	46.1	4.6			4.6	36.9	23.1	36.9	4.6	170.7	13.8
131	Norwich town.....	Deaths.....	446	5	1		1	1		1	12	7	38	8
132	.....	Death rate..	1,721.4	19.3	3.9		3.9	3.9		3.9	46.3	27.0	146.7	30.9
133	Stamford town.....	Deaths.....	438	3	1		2	4	4	4	7	2	29	4
134	.....	Death rate..	2,051.5	14.1	4.7		9.4	18.7	18.7	18.7	32.8	9.4	135.8	18.7
135	Stonington town.....	Deaths.....	134				2	1		3	2	3	9	2
136	.....	Death rate..	1,392.4				20.8	10.4		31.2	20.8	31.2	93.5	20.8
137	Torrington town.....	Deaths.....	182	1				1		4	3	1	18	2
138	.....	Death rate..	1,035.5	5.7				5.7		22.8	17.1	5.7	102.4	11.4
139	Vernon town.....	Deaths.....	118							3	6	1	8	
140	.....	Death rate..	1,434.8							36.5	73.0	12.2	97.3	
141	Wallingford town.....	Deaths.....	145				5			2	1	7	18	4
142	.....	Death rate..	1,326.1				45.7			18.3	9.1	64.0	164.6	36.6
143	Waterbury.....	Deaths.....	1,057	12	1		18	5	7	22	19	8	102	15
144	.....	Death rate..	1,614.0	18.3	1.5		27.5	7.6	10.7	33.6	29.0	12.2	155.8	22.9
145	Windham town.....	Deaths.....	210	2	1					2	14	1	22	5
146	.....	Death rate..	2,054.8	19.6	9.8					19.6	137.0	9.8	215.3	48.9
DELAWARE. ³														
147	Wilmington: Total.....	Deaths.....	1,347	21	1		5	12	9	20	11	6	145	17
148	.....	Deaths.....	1,097	18	1		5	12	9	20	8	6	110	14
149	.....	Deaths.....	250	3							3		35	3
150	.....	Death rate..	1,535.9	23.9	1.1		5.7	13.7	10.3	22.8	12.5	6.8	165.3	19.4
151	.....	Deaths.....	1,434.0	23.5	1.3		6.5	15.7	11.8	26.1	10.5	7.8	143.8	18.3
152	.....	Death rate..	2,232.3	26.8							26.8		312.5	26.8
DISTRICT OF COLUMBIA.														
153	Washington: Total.....	Deaths.....	6,136	125	8		2	10	37	27	128	30	712	126
154	.....	Deaths.....	3,544	88	4		2	9	8	19	70	19	302	62
155	.....	Deaths.....	2,592	37	4			1	29	8	58	11	410	64
156	.....	Death rate..	1,933.3	39.4	2.5		0.6	3.2	11.7	8.5	40.3	9.5	224.3	39.7
157	.....	Deaths.....	1,024.9	40.3	1.8		0.9	4.1	3.7	8.7	32.1	8.7	138.5	28.4
158	.....	Death rate..	2,610.8	37.3	4.0			1.0	29.2	8.1	58.4	11.1	413.0	64.5
FLORIDA. ³														
159	Jacksonville: Total.....	Deaths.....	1,090	41	23		3		11	2	10	7	182	7
160	.....	Deaths.....	411	17	4		2		3	2	3	5	51	5
161	.....	Deaths.....	679	24	19		1		8		7	2	131	2
162	.....	Death rate..	2,764.9	104.0	58.3		7.6		27.9	5.1	25.4	17.8	461.7	17.8
163	.....	Deaths.....	1,437.7	100.8	23.7		11.9		17.8	11.9	17.8	29.7	302.5	29.7
164	.....	Death rate..	3,009.4	106.4	84.2		4.4		35.5		31.0	8.9	580.6	8.9
Key West:														
165	.....	Deaths.....	408	10	3					1	1	6	46	7
166	.....	Deaths.....	266	5	3					1	1	5	24	5
167	.....	Deaths.....	142	5								1	22	2
168	.....	Death rate..	1,811.1	44.4	13.3					4.4	4.4	26.6	204.2	31.1
169	.....	Deaths.....	1,753.2	33.0	19.8					6.6	6.6	33.0	158.2	33.0
170	.....	Death rate..	1,930.4	68.0								13.6	299.1	27.2

¹ Rates shown for all ages.² Rates not shown for this cause; see note 2 on page 64.

PRINCIPAL CAUSES AND RATES.

CAUSES OF DEATH, FOR THE REGISTRATION AREA, ITS MAIN SUBDIVISIONS, THE REGISTRATION STATES, AND CITIES: 1908—Continued.

CAUSES OF DEATH—continued.																	
Tumor.	Dia- betes.	Menin- gitis.	Other diseases of nervous system.	Diseases of circulatory system.	Pneuma- nia (lobar and unquali- fied).	Other diseases of respira- tory system.	Diarrhea and enteritis. ¹		Other diseases of digestive system.	Bright's disease and nephritis.	Child- birth. ²	Diseases of early infancy.	Suicide.	Acci- dent.	Ill- defined causes.	All other causes.	Cause un- known.
							Under 2 years.	2 years and over.									
.....	2	1	12	15	7	3	5	1	6	8	13	6	1	9	.....	115	
.....	16.0	8.0	96.0	120.0	56.0	24.0	48.0	48.0	64.0	.....	104.0	48.0	8.0	72.0	.....	116	
.....	6	6	49	49	37	21	36	4	19	24	23	6	10	1	28	.....	117
.....	19.2	19.2	156.5	156.5	118.2	67.1	127.8	60.7	76.7	(*)	73.5	19.2	31.9	3.2	99.0	.....	118
.....	5	4	74	111	13	17	27	3	15	21	9	2	19	.....	15	.....	119
.....	25.9	20.7	383.2	574.8	67.3	88.0	155.4	77.7	108.8	(*)	46.6	10.4	98.4	.....	88.0	5.2	120
.....	.....	6	12	11	8	7	10	2	4	6	11	.....	13	.....	5	.....	121
.....	.....	42.9	85.7	78.6	57.2	50.0	85.7	28.6	42.9	(*)	78.6	92.9	.....	42.9	.....	.....	122
.....	5	9	30	50	47	32	66	.....	28	18	42	10	37	15	33	6	123
.....	14.1	25.3	84.4	140.6	132.2	90.0	185.6	78.7	50.6	(*)	118.1	28.1	104.0	42.2	98.4	16.9	124
.....	4	23	40	169	148	104	120	21	83	158	108	29	116	42	153	9	125
.....	3.2	18.3	31.8	134.5	219.7	117.8	112.2	66.1	125.8	(*)	86.0	23.1	92.3	33.4	129.7	7.2	126
.....	1	3	4	40	47	13	26	3	11	18	14	8	30	2	21	1	127
.....	4.9	14.6	19.4	194.4	228.4	63.2	140.9	53.4	87.5	(*)	68.0	38.9	145.8	9.7	121.5	4.9	128
.....	.....	4	5	57	44	23	22	2	16	28	16	1	15	.....	18	.....	129
.....	18.5	23.1	262.9	203.0	106.1	69.2	110.7	73.8	129.2	(*)	73.8	4.6	69.2	.....	101.5	.....	130
.....	1	4	13	42	68	23	22	4	34	33	19	3	29	8	24	.....	131
.....	3.9	15.4	50.2	162.1	262.5	88.8	100.4	131.2	127.4	(*)	73.3	11.6	111.9	30.9	104.2	.....	132
.....	.....	1	7	51	57	39	29	2	28	33	22	1	26	13	24	.....	133
.....	4.7	32.8	238.9	267.0	182.7	79.6	145.2	131.1	154.6	(*)	103.0	4.7	121.8	60.9	131.1	.....	134
.....	2	1	14	22	8	4	13	1	4	8	8	.....	7	2	15	.....	135
.....	20.8	10.4	145.5	228.6	83.1	41.6	145.5	41.6	83.1	(*)	83.1	.....	72.7	20.8	166.2	.....	136
.....	3	5	19	15	18	4	16	1	10	10	18	2	7	3	12	.....	137
.....	17.1	28.4	108.1	85.3	102.4	22.8	96.7	56.9	56.9	(*)	102.4	11.4	39.8	17.1	85.3	.....	138
.....	3	.....	16	18	3	4	1	.....	13	9	9	.....	5	7	6	1	139
.....	36.5	.....	194.6	218.9	36.5	48.6	12.2	158.1	109.4	.....	109.4	.....	60.8	85.1	73.0	12.2	140
.....	3	7	12	12	5	3	10	1	5	8	9	5	13	3	5	.....	141
.....	27.4	64.0	109.7	109.7	45.7	27.4	100.6	45.7	73.2	(*)	82.3	45.7	118.9	27.4	54.9	.....	142
.....	10	25	68	92	65	70	113	7	60	66	75	12	80	10	44	2	143
.....	15.3	38.2	103.8	140.5	99.3	106.9	183.2	91.6	100.8	(*)	114.5	18.3	122.2	15.3	85.5	3.1	144
.....	1	4	19	25	6	14	15	1	15	14	4	3	12	2	15	.....	145
.....	9.8	39.1	39.1	185.9	244.6	53.7	137.0	156.6	146.8	(*)	39.1	29.4	117.4	19.6	156.6	.....	146
.....	2	8	39	137	137	56	81	9	77	81	2	81	15	63	54	64	147
.....	2	8	29	108	131	41	67	8	62	66	2	71	14	53	42	54	148
.....	.....	10	29	20	41	15	14	1	15	15	.....	10	10	12	10	.....	149
.....	2.3	9.1	44.5	156.2	172.2	156.2	63.9	102.6	87.8	92.4	(*)	92.4	17.1	71.8	61.6	75.3	150
.....	2.6	10.5	37.9	141.2	171.2	125.5	53.6	98.0	81.0	(*)	92.8	18.3	69.3	54.9	73.2	.....	151
.....	.....	89.3	259.0	178.6	366.1	133.9	133.9	133.9	133.9	.....	89.3	8.9	89.3	107.2	89.3	.....	152
.....	2	36	56	528	809	375	341	65	330	448	57	313	66	303	91	483	153
.....	2	31	38	342	534	159	164	41	202	274	26	175	58	183	47	306	154
.....	.....	5	18	186	275	216	177	24	128	174	31	138	8	120	44	177	155
.....	0.6	11.3	17.6	166.4	254.9	118.2	110.0	127.9	104.0	141.2	(*)	98.6	20.8	95.5	28.7	170.1	156
.....	0.9	14.2	17.4	156.8	244.8	72.9	77.9	94.0	92.6	125.6	(*)	80.2	26.6	83.9	21.5	152.2	157
.....	.....	5.0	18.1	187.3	277.0	217.6	180.3	202.5	128.9	175.3	(*)	139.0	8.1	120.9	44.3	209.5	158
.....	2	3	9	93	54	69	52	9	72	77	15	41	5	69	76	78	159
.....	.....	3	7	35	14	15	31	3	23	39	4	14	5	21	32	31	160
.....	.....	2	58	40	54	23	21	6	49	38	11	27	48	44	47	4	161
.....	5.1	7.6	22.8	235.9	137.0	175.0	116.7	154.7	182.6	(*)	104.0	12.7	175.0	192.8	235.9	15.2	162
.....	.....	17.8	41.5	207.6	83.0	89.0	136.4	201.7	136.4	231.3	(*)	83.0	29.7	124.6	139.8	207.6	163
.....	8.9	.....	8.9	257.1	177.3	239.3	101.9	119.7	217.2	165.4	(*)	119.7	.....	212.7	195.0	257.1	164
.....	.....	3	12	52	23	11	17	15	20	22	3	31	2	33	18	.....	165
.....	.....	3	10	30	14	8	13	11	8	12	1	26	1	23	15	.....	166
.....	.....	2	22	9	3	4	20	4	12	10	2	5	1	3	3	.....	167
.....	13.3	53.3	230.8	102.1	48.8	75.5	283.5	88.8	97.7	(*)	137.6	8.9	40.0	146.5	93.2	.....	168
.....	19.8	65.9	197.7	92.3	52.7	85.7	270.2	52.7	79.1	(*)	171.4	6.6	39.5	151.6	105.5	.....	169
.....	.....	27.2	299.1	123.3	40.8	54.4	326.3	163.1	135.9	(*)	68.0	13.6	40.8	135.9	68.0	.....	170

¹ Nonregistration state; cities stated below only those with effective local ordinances.

MORTALITY STATISTICS.

TABLE 3.—DEATHS (EXCLUSIVE OF STILLBIRTHS) AND DEATH RATES PER 100,000 OF POPULATION, FROM CERTAIN REGISTRATION

REGISTRATION AREA.		CAUSES OF DEATH.														
		All causes.	Typhoid fever.	Malarial fever.	Small-pox.	Measles.	Scarlet fever.	Whooping cough.	Diphtheria and croup.	Influenza.	All other epidemic diseases.	Tuberculosis of lungs.	Other forms of tuberculosis.	Cancer.		
REGISTRATION CITIES—Continued.																
GEORGIA. ³																
Atlanta:																
171	Total	Deaths	2,311	75	13			22		26	22	70	41	224	24	78
172	White	Deaths	1,231	47	3			18		14	15	25	19	112	15	63
173	Colored	Deaths	1,080	28	10			4		12	7	45	22	112	9	15
174	Total	Death rate	2,109.6	68.5	11.9			20.1		23.7	20.1	63.9	37.4	204.5	21.9	71.2
175	White	Death rate	1,867.1	71.3	4.6			27.3		21.2	22.8	37.9	28.8	169.9	22.8	95.6
176	Colored	Death rate	2,476.2	64.2	22.9			9.2		27.5	16.0	103.2	50.4	256.8	20.6	34.4
Savannah:																
177	Total	Deaths	1,492	16	87			15		3	12	49	8	159	8	30
178	White	Deaths	518	8	7			9		2	9	6	1	45	6	22
179	Colored	Deaths	974	8	80			6		1	3	43	7	114	2	8
180	Total	Death rate	2,096.6	22.5	122.3			21.1		4.2	16.9	68.9	11.2	223.4	11.2	42.2
181	White	Death rate	1,512.3	23.4	20.4			26.3		5.8	26.3	17.5	2.9	131.4	17.5	64.2
182	Colored	Death rate	2,638.9	21.7	216.7			16.3		2.7	8.1	116.5	19.0	308.9	5.4	21.7
ILLINOIS. ³																
183	Aurora	Deaths	379	4						2	9	12	1	40	5	20
184		Death rate	1,367.5	14.4						7.2	32.5	43.3	3.6	144.3	18.0	72.2
185	Belleisle	Deaths	333	10				7	1	3	1	4	2	34	5	13
186		Death rate	1,458.5	43.8				30.7	4.4	13.1	4.4	17.5	8.8	148.9	21.9	56.9
Chicago:																
187	Total	Deaths	30,388	332	11			169	410	134	555	334	206	3,418	495	1,571
188	White	Deaths	29,384	323	10			167	408	127	553	316	201	3,171	469	1,533
189	Colored	Deaths	1,004	9	1			2	2	7	2	18	5	247	26	38
190	Total	Death rate	1,402.9	15.3	0.5			7.8	18.9	6.2	25.6	15.4	9.5	157.8	22.9	72.5
191	White	Death rate	1,382.1	15.2	0.5			7.9	19.2	6.0	26.0	14.9	9.5	149.2	22.1	72.1
192	Colored	Death rate	2,504.6	22.5	2.5			5.0	5.0	17.5	5.0	44.9	12.5	616.2	64.9	94.8
193	Decatur	Deaths	345	3					1	5			3	21	7	25
194		Death rate	1,358.2	11.8					3.9	19.7			11.8	82.7	27.6	98.4
195	Evanston	Deaths	241	8				3	2	1	4		3	27	6	19
196		Death rate	996.8	33.1				12.4	8.3	4.1	16.5		12.4	111.7	24.8	78.6
197	Jacksonville	Deaths	329	3						1	2		1	34	2	22
198		Death rate	1,959.4	17.9						6.0	11.9		6.0	202.5	11.9	131.0
199	Ottawa	Deaths	144	2				1				1	1	16	3	7
200		Death rate	1,264.5	17.6				8.8				8.8	8.8	140.5	26.3	61.5
201	Quincy	Deaths	577	9	1					5	7	12	3	68	7	43
202		Death rate	1,440.4	22.5	2.5					12.5	17.5	30.0	7.5	169.8	17.5	107.3
203	Springfield	Deaths	764	17				3	11	4	6	7	5	70	12	34
204		Death rate	1,733.4	38.6				6.8	25.0	9.1	13.6	15.9	11.3	158.8	27.2	77.1
INDIANA.																
205	Anderson	Deaths	247	8	2							2	1	32	8	13
206		Death rate	890.8	28.9	7.2							7.2	3.6	115.4	28.9	46.9
207	Columbus	Deaths	129	5	1							2	2	19	1	8
208		Death rate	1,393.4	54.0	10.8					10.8	54.0	21.6	21.6	205.2	10.8	86.4
209	Elkhart	Deaths	233	1					1	4		2	4	14	3	13
210		Death rate	1,275.5	5.5					5.5	21.9		10.9	10.9	76.6	16.4	71.2
211	Elwood	Deaths	127	5	1	1						2		11	3	2
212		Death rate	595.6	23.4	4.7	4.7						9.4		51.6	14.1	9.4
Evansville:																
213	Total	Deaths	904	23	4			4	5	29	8	12	12	97	11	48
214	White	Deaths	753	20	3			3	5	19	7	8	11	79	7	41
215	Colored	Deaths	146	3	1			1		10	1	4	1	18	4	7
216	Total	Death rate	1,367.3	34.8	6.1			6.1	7.6	43.9	12.1	18.2	18.2	146.7	16.6	72.6
217	White	Death rate	1,314.0	34.7	5.2			5.2	8.7	32.9	12.1	13.9	19.1	136.9	12.1	71.1
218	Colored	Death rate	1,732.5	35.6	11.9			11.9		118.7	11.9	47.5	11.9	213.6	47.5	83.1
219	Fort Wayne	Deaths	815	11				2	3	15	9	11	10	65	23	51
220		Death rate	1,532.0	20.7				3.8	5.6	28.2	16.9	20.7	18.8	122.2	43.2	95.9
221	Hammond	Deaths	288	30					3	1	2	3	3	23	7	12
222		Death rate	1,594.2	166.1					16.6	5.5	11.1	16.6	16.6	127.3	38.7	66.4
223	Huntington	Deaths	113	5							4	4		11		7
224		Death rate	982.8	43.5							34.8	34.8		95.7		60.9
Indianapolis:																
225	Total	Deaths	3,171	62	7	2		3	7	36	49	47	26	434	89	176
226	White	Deaths	2,687	52	7	1		3	6	27	27	44	23	320	70	163
227	Colored	Deaths	484	10					1	9	22	3	3	114	19	13
228	Total	Death rate	1,349.4	26.4	3.0	0.9		1.3	3.0	15.3	20.9	20.0	11.1	184.7	37.9	74.9
229	White	Death rate	1,262.6	24.4	3.3			1.4	2.8	12.7	23.0	20.7	10.8	150.4	32.9	76.6
230	Colored	Death rate	2,182.6	45.1					4.5	40.6		13.5	13.5	514.1	85.7	58.6

¹ Rates shown for all ages.² Rates not shown for this cause; see note 2 on page 64.

PRINCIPAL CAUSES AND RATES.

CAUSES OF DEATH, FOR THE REGISTRATION AREA, ITS MAIN SUBDIVISIONS, THE REGISTRATION STATES, AND CITIES: 1908—Continued.

CAUSES OF DEATH—continued.																		
Tumor.	Dia- betes.	Menin- gitis.	Other diseases of nervous system.	Diseases of cir- culatory system.	Pneu- monia (lobar and unquali- fied).	Other diseases of respi- ratory system.	Diarrhea and enteritis. ¹		Other diseases of digestive system.	Bright's disease and nephritis.	Child- birth. ²	Diseases of early infancy.	Suicide.	Acci- dent.	Ill- defined causes.	All other causes.	Cause un- known.	
							Under 2 years.	2 years and over.										
2	15	27	200	166	182	77	115	32	175	187	38	99	20	133	68	157	23	171
2	11	19	95	94	58	33	73	20	95	113	24	49	18	67	33	91	5	172
4	8	8	105	72	124	44	42	12	80	74	14	50	2	66	35	66	18	173
1.8	13.7	24.6	182.6	151.5	166.1	70.3	134.2		159.8	170.7	(²)	90.4	18.3	121.4	62.1	178.0	21.0	174
3.0	16.7	28.8	144.1	142.6	88.0	50.1	141.1		144.1	171.4	(²)	74.3	27.3	101.6	50.1	174.4	7.6	175
9.2	18.3	18.3	240.7	165.1	284.3	100.9	123.8		183.4	169.7	(²)	114.6	4.6	151.3	80.2	183.4	41.3	176
2	14	171	114	100	75	76	17	98	76	13	67	13	65	73	128	3	177	
2	11	69	38	23	22	30	4	25	32	6	26	12	30	18	55	5	178	
3	3	102	76	77	53	46	13	73	44	7	41	1	35	55	73	3	179	
2.8	19.7	240.3	160.2	140.5	105.4	105.4	130.7		137.7	(²)	94.1	18.3	91.3	102.6	198.1	4.2	180	
5.8	32.1	201.4	110.9	67.1	64.2	64.2	99.3		73.0	(²)	75.9	35.0	87.6	52.6	178.1	3	181	
8.1	8.1	276.3	205.9	208.6	143.6	143.6	159.8		197.8	(²)	111.1	2.7	94.8	149.0	216.7	8.1	182	
2	6	7	42	39	20	8	13	1	22	33	2	24	2	25	8	32	183	
7.2	21.6	25.3	151.5	140.7	72.2	28.9	50.5		79.4	119.1	(²)	86.6	7.2	90.2	28.9	122.7	184	
1	5	33	39	19	14	13	5	22	13	1	20	5	18	8	37	185		
4.4	21.9	144.5	170.8	83.2	61.3	78.8		96.4	56.9	(²)	87.6	21.9	78.8	35.0	166.4	186		
5	274	307	1,623	3,243	2,681	1,833	3,076	326	1,702	2,138	333	1,117	494	1,982	110	1,509	187	
5	270	301	1,555	3,114	2,584	1,797	3,044	317	1,687	2,058	327	1,095	485	1,926	110	1,451	188	
4	6	68	129	149.7	97	36	32	9	35	80	6	22	9	56	58	189		
0.2	12.6	14.2	74.9	149.7	123.8	84.6	157.1		78.6	98.7	(²)	51.6	22.8	91.5	5.1	85.0	190	
0.2	12.7	14.2	73.1	146.5	121.5	84.5	158.1		78.4	96.8	(²)	51.5	22.8	90.6	5.2	83.6	191	
10.0	15.0	169.6	321.8	242.0	242.0	89.8	102.3		87.3	199.6	(²)	54.9	22.5	139.7	159.7	192		
2	5	44	29	23	12	9	4	30	35	1	11	2	24	10	31	2	193	
7.9	7.9	19.7	173.2	114.2	90.5	47.2	51.2		118.1	137.8	(²)	43.3	7.9	94.5	39.4	126.0	7.9	194
2	1	22	30	18	2	6	1	15	9		10	6	20	5	17	195		
8.3	4.1	91.0	124.1	74.5	8.3	29.0		62.0	37.2		41.4	24.8	82.7	20.9	70.3	196		
4	1	63	57	19	9	5	4	22	30	2	7	3	18	3	15	197		
23.8	6.0	375.2	339.5	113.2	53.6	131.0		131.0	178.7	(²)	41.7	17.9	107.2	17.9	101.2	198		
2	1	21	16	16	8	7		13	11		5		7		5	199		
17.6	8.8	184.4	140.5	140.5	70.2	61.5		114.2	96.6		43.9		61.5		43.9	200		
1	6	9	54	81	32	26	4	4	52	28	1	20	6	34	6	57	1	201
2.5	15.0	22.5	134.8	202.2	79.9	64.9	20.0		129.8	69.9	(²)	49.9	15.0	84.9	15.0	144.5	2.5	202
1	9	21	85	50	45	23	27	6	71	58	8	25	17	61	20	63	5	203
2.3	20.4	47.6	192.9	113.4	102.1	52.2	74.9		161.1	131.6	(²)	56.7	38.6	138.4	45.4	161.1	11.3	204
1	1	7	25	19	14	5	8	5	19	10	3	9	7	19	2	23	205	
3.6	3.6	25.2	90.2	68.5	50.5	18.0	46.9		68.5	36.1	(²)	32.5	25.2	68.5	7.2	93.8	206	
2	5	8	16	3	10	4	4	10	3		5	2	6		11	207		
21.6	54.0	86.4	172.8	32.4	108.0	43.2		108.0	32.4		54.0	21.6	64.8		118.8	208		
3	3	24	45	12	8	15	3	14	13	1	7	4	17	3	17	209		
16.4	16.4	131.4	246.3	65.7	43.8	95.5		76.6	71.2	(²)	38.3	21.9	93.1	16.4	98.5	210		
2	12	6	13	8	8	8	2	12	6		8	1	2	3	9	211		
9.4	56.3	28.1	61.0	37.5	46.9	56.3		56.3	28.1	(²)	37.5	4.7	9.4	14.1	61.0	212		
1	10	15	70	114	57	51	38	10	60	46	11	36	10	58	9	55	213	
1	10	13	62	100	39	37	37	9	53	41	10	34	10	46	6	47	214	
1.5	15.1	22.7	105.9	172.4	86.2	77.1	72.6		90.8	69.6	(²)	54.5	15.1	87.7	13.6	99.8	215	
1.7	17.3	22.5	107.5	173.3	67.6	64.1	79.7		91.9	71.1	(²)	53.9	17.3	79.7	10.4	98.8	216	
	23.7	94.9	166.1	213.6	166.1	166.1	23.7		83.1	59.3	(²)	23.7		142.4	35.6	106.8	217	
10	13	74	114	37	39	39	5	63	55	14	37	9	72	5	65	219		
18.8	24.4	139.1	146.6	69.6	73.3	82.7		118.4	103.4	(²)	69.6	16.9	135.3	9.4	148.5	220		
3	9	11	10	9	9	44	9	14	7	4	10	2	36	1	26	221		
16.6	49.8	60.9	105.2	49.8	49.8	293.4		77.5	38.7	(²)	55.4	11.1	199.3	5.5	166.1	222		
1	2	15	13	5	2	3	2	6	9		2	4	9	2	7	223		
8.7	17.4	130.5	113.1	43.5	17.4	43.5		52.2	78.3		17.4	34.8	78.3	17.4	60.9	224		
1	29	34	289	446	122	153	124	38	220	185	32	120	56	163	1	214	1	225
1	23	30	254	330	94	126	95	31	205	161	28	99	55	150	1	189	1	226
6	4	35	66	28	32	29	7	15	24	4	21	1	13	25	227			
0.4	12.3	14.5	123.0	139.8	51.9	67.2	68.9		93.6	78.7	(²)	51.1	23.8	69.4	0.4	104.7	0.4	228
0.5	10.8	14.1	119.4	178.6	44.2	59.2	59.2		96.3	75.7	(²)	48.5	25.8	70.5	102.0	0.5	229	
27.1	18.0	157.8	297.6	126.3	144.3	144.3	162.3		67.6	108.2	(²)	94.7	4.5	58.6	130.8	230		

¹ Nonregistration state; cities stated below only those with effective local ordinances.

MORTALITY STATISTICS.

TABLE 3.—DEATHS (EXCLUSIVE OF STILLBIRTHS) AND DEATH RATES PER 100,000 OF POPULATION, FROM CERTAIN REGISTRATION

REGISTRATION AREA.		CAUSES OF DEATH.												
		All causes.	Typhoid fever.	Malarial fever.	Small-pox.	Measles.	Scarlet fever.	Whooping cough.	Diphtheria and croup.	Influenza.	All other epidemic diseases.	Tuberculosis of lungs.	Other forms of tuberculosis.	Cancer.
REGISTRATION CITIES—Continued.														
INDIANA—continued.														
Jeffersonville:														
231	Total.....Deaths.....	142	9	1	1				2	4	1	22	1	5
232	White.....Deaths.....	115	8	1	1				2	4	1	18	1	4
233	Colored.....Deaths.....	27	1									4		1
234	Total.....Death rate.....	1,307.6	82.9	9.2	9.2				18.4	36.8	9.2	202.6	9.2	46.0
235	White.....Death rate.....	1,274.2	88.6	11.1	11.1				22.2	44.3	11.1	199.4	11.1	44.3
236	Colored.....Death rate.....	1,471.4	54.5									218.0		54.5
237	Kokomo.....Deaths.....	240	12	4				1	5	1	4	34	3	10
238	Death rate.....	1,891.7	94.6	31.5				7.9	39.4	7.9	55.2	268.0	23.6	78.8
239	Lafayette.....Deaths.....	344	9		1	1			4	5	7	43	4	21
240	Death rate.....	1,753.9	45.9		5.1	5.1			20.4	25.5	35.7	219.2	20.4	107.1
241	Logansport.....Deaths.....	308	7					3	6		11	34	7	20
242	Death rate.....	1,664.3	37.8					16.2	32.4		59.4	183.7	37.8	108.1
243	Marion.....Deaths.....	218	2						6		2	29	4	16
244	Death rate.....	839.2	7.7						23.1		7.7	111.6	15.4	61.6
245	Michigan City.....Deaths.....	245	9					1	1		1	24	3	16
246	Death rate.....	1,330.9	48.9					5.4	5.4		5.4	130.4	16.3	86.9
247	Muncie.....Deaths.....	343	6	1				1	6	2	4	37	15	16
248	Death rate.....	1,171.6	20.5	3.4				3.4	20.5	6.8	13.7	126.4	51.2	54.7
249	New Albany.....Deaths.....	351	7	2					3	4	15	48	11	23
250	Death rate.....	1,701.6	33.9	9.7					14.5	19.4	72.7	232.7	53.3	111.5
251	Peru.....Deaths.....	116	2						3	3	6	9	4	7
252	Death rate.....	965.1	16.6						25.0	25.0	49.9	74.9	33.3	58.2
253	Richmond.....Deaths.....	292	5					2	5	1	5	44	6	15
254	Death rate.....	1,465.0	25.1					10.0	25.1	5.0	25.1	220.8	30.1	75.3
255	South Bend.....Deaths.....	659	11					13	13	5	7	56	19	36
256	Death rate.....	1,375.8	23.0					27.1	27.1	10.4	14.6	116.9	39.7	75.2
257	Terre Haute.....Deaths.....	842	20	1		7		1	2	8	14	79	16	40
258	Death rate.....	1,541.9	36.6	1.8		12.8		1.8	3.7	14.6	25.6	144.7	29.3	73.2
259	Vincennes.....Deaths.....	260	2	2		15			6	2	8	28	5	14
260	Death rate.....	2,196.5	16.9	16.9		126.7			50.7	16.9	67.6	236.5	42.2	118.3
261	Wabash.....Deaths.....	126	2			1			4	4	1	8		8
262	Death rate.....	1,213.1	19.3			9.6			38.5	38.5	9.6	77.0		77.0
263	Washington.....Deaths.....	125	5	2		7						11	1	4
264	Death rate.....	1,185.8	47.4	19.0		66.4						19.0	9.5	37.9
KANSAS. ³														
Kansas City:														
265	Total.....Deaths.....	996	39	5		2	3		17	15	22	135	17	48
266	White.....Deaths.....	815	32	2		2	3		12	11	15	2	99	44
267	Colored.....Deaths.....	181	7	3					5	4	7	36	6	4
268	Total.....Death rate.....	1,232.1	48.2	6.2		2.5	3.7		21.0	18.6	27.2	3.7	21.0	59.4
269	White.....Death rate.....	1,154.5	45.3	2.8		2.8	4.2		17.0	15.6	21.2	2.8	140.2	62.3
270	Colored.....Death rate.....	1,767.1	68.3	29.3					48.8	39.1	68.3	9.8	58.6	39.1
Leavenworth:														
271	Total.....Deaths.....	311	7			1	4		3		6	3	17	18
272	White.....Deaths.....	247	5			1	4		3		5	3	9	15
273	Colored.....Deaths.....	64	2								1	8	1	3
274	Total.....Death rate.....	1,406.2	31.6			4.5	18.1		13.6		27.1	13.6	76.9	31.4
275	White.....Death rate.....	1,300.4	26.3			5.3	21.1		15.8		26.3	15.8	47.4	79.0
276	Colored.....Death rate.....	2,049.3	64.0								32.0	256.2	32.0	96.1
277	Wichita.....Deaths.....	548	19			3	1		1	7	10	5	27	47
278	Death rate.....	1,347.8	46.7			7.4	2.5		2.5	17.2	24.6	12.3	66.4	115.6
KENTUCKY. ³														
279	Covington.....Deaths.....	758	17		1	13	2		6	1	31	9	114	24
280	Death rate.....	1,483.2	33.3		2.0	25.4	3.9		11.7	2.0	60.7	17.6	223.1	47.0
Louisville:														
281	Total.....Deaths.....	3,740	103	9		4	9		34	29	42	40	51	147
282	White.....Deaths.....	2,614	64	2		2	8		10	29	24	29	41	129
283	Colored.....Deaths.....	1,126	39	7		2	1		24		18	11	10	18
284	Total.....Death rate.....	1,604.7	44.2	3.9		1.7	3.9		14.6	12.4	18.0	17.2	21.9	63.1
285	White.....Death rate.....	1,386.7	34.0	1.1		1.1	4.2		5.3	15.4	12.7	15.4	21.7	68.4
286	Colored.....Death rate.....	2,527.0	87.5	15.7		4.5	2.2		53.9		40.4	24.7	22.4	40.4
287	Newport.....Deaths.....	489	15		1	7			5	8	6	64	5	15
288	Death rate.....	1,577.1	48.4		3.2	22.6			16.1	25.8	19.4	206.4	16.1	48.4

¹ Rates shown for all ages.

² Rates not shown for this cause; see note 2 on page 64.

PRINCIPAL CAUSES AND RATES.

CAUSES OF DEATH, FOR THE REGISTRATION AREA, ITS MAIN SUBDIVISIONS, THE REGISTRATION STATES, AND CITIES: 1908—Continued.

CAUSES OF DEATH—continued.																		
Tumor.	Dia- betes.	Meningi- tis.	Other diseases of nervous system.	Diseases of circula- tory system.	Pneuma- nia (lobar and unquali- fied).	Other diseases of respira- tory system.	Diarrhea and enteritis. ¹		Other diseases of digestive system.	Bright's disease and nephritis.	Child- birth. ²	Diseases of early infancy.	Suicide.	Acci- dent.	Ill- defined causes.	All other causes.	Cause un- known.	
							Under 2 years.	2 years and over.										
1	1		9	15	5	9	4	2	7	14	2	5	2			15		231
1	1		7	10	4	6	4	2	6	11	1	3	2			13		232
			2	5	1	3			1	3	1	2				2		233
	9.2		82.9	138.1	46.0	82.9	55.2		64.5	128.9	(*)	46.0	18.4	36.8	18.4	156.5		234
	11.1		77.6	110.8	44.3	66.5	66.5		66.5	121.9	(*)	33.2	22.2	33.2	22.2	155.1		235
			109.0	272.5	54.5	163.5			54.5	168.5	(*)	109.0	54.5		163.5			236
1	7.9	7	24	21	22	9	7	1	20	5	5	4	3	16	2	12		237
			189.2	165.5	173.4	70.9	63.1		157.6	39.4	(*)	31.5	23.6	126.1	15.8	134.0		238
2	1	34	59	18	12	12	7	2	30	16	3	10	5	17	6	20		239
	10.2	5.1	173.4	300.8	91.8	61.2	45.9		153.0	81.6	(*)	51.0	25.5	86.7	30.6	117.3		240
1	3	1	33	25	14	14	11	2	21	26	4	10	3	28	1	21		241
	5.4	5.4	178.3	135.1	75.7	75.7	70.2		113.5	140.5	(*)	54.0	16.2	151.3	5.4	135.1		242
6	3	34	25	20	5	3	3	2	18	8		9		9	3	9		243
	23.1	11.5	130.9	96.2	77.0	19.2	19.2		69.3	30.8		34.6		34.6	11.5	34.6		244
1		4	21	24	12	9	20	1	17	16		13	1	19	2	28		245
	5.4	21.7	114.1	130.4	65.2	48.9	114.1		92.4	86.9		70.6	5.4	103.2	10.9	152.1		246
10	5	37	35	20	14	15	15	1	17	23	8	20	7	16	2	22		247
	34.2	17.1	126.4	119.6	68.3	47.8	54.7		58.1	78.6	(*)	68.3	23.9	54.7	6.8	102.5		248
1	6	30	35	25	22	11	11	1	22	20	4	10	6	16	3	22		249
	4.8	29.1	145.4	169.7	121.2	106.7	58.2		106.7	97.0	(*)	48.5	29.1	77.6	14.5	126.0		250
2	1	4	12	13	4	4	4	1	9	1		4	4	7		12		251
	16.6	8.3	99.8	108.2	33.3	33.3	41.6		74.9	8.3		33.3	33.3	58.2		99.8		252
1	2	3	23	37	12	5	8	3	13	31	2	17	3	16	3	24	1	253
	5.0	15.1	115.4	185.6	60.2	25.1	55.2		65.2	155.5	(*)	85.3	15.1	80.3	15.1	130.4	5.0	254
9	7	45	81	38	22	56	56	7	47	27	7	35	9	52	7	46	1	255
	18.8	14.6	92.9	169.1	79.3	45.9	131.5		98.1	56.4	(*)	73.1	18.8	108.6	14.6	110.6	2.1	256
8	7	70	91	51	37	47	47	14	41	63	2	39	19	81	13	59		257
	14.6	12.8	128.2	166.6	93.4	67.8	111.7		75.1	115.4	(*)	71.4	34.8	148.3	23.8	111.7		258
1	7	13	22	13	11	21	21	4	20	13	5	4	5	18		19		259
	8.4	59.1	109.8	185.9	109.8	92.9	211.2		169.0	109.8	(*)	33.8	42.2	152.1		202.8		260
		3	13	19	8	4	3	3	10	12		4	3	7		8		261
		28.9	125.2	182.9	77.0	38.5	57.8		96.3	115.5		33.5	28.9	67.4		77.0		262
1		10	25	5	5	8	8	2	5	5	1	11	2	8	1	4		263
	9.5		94.9	237.2	47.4	47.4	94.9		47.4	47.4	(*)	104.4	19.0	75.9	9.5	47.4		264
2	5	12	59	73	71	50	53	10	53	68	20	48	13	65	10	77	1	265
	2	9	48	60	57	42	45	9	47	55	14	46	12	54	8	68	1	266
		3	11	13	14	8	8		6	13	6	2	1	11	2	9		267
2.5	6.2	14.8	73.0	90.3	87.8	61.9	77.9		65.6	84.1	(*)	59.4	16.1	80.4	12.4	120.0	1.2	268
	2.8	7.1	68.0	85.0	80.7	59.5	76.5		66.6	77.9	(*)	65.2	17.0	76.5	11.3	116.2	1.4	269
		29.3	107.4	126.9	136.7	78.1	87.9		58.6	126.9	(*)	19.5	9.8	107.4	19.5	146.4		270
1	3	4	38	35	36	8	2	1	18	24		11	3	25	10	30	2	271
	2	4	31	27	31	8	2	1	14	18		10	3	18	9	22	2	272
1	1	7	8	5	5				4	6		1	7	7	1	8		273
4.5	13.6	18.1	171.8	158.2	162.8	36.2	13.6		81.4	108.5		49.7	13.6	113.0	45.2	135.6	9.0	274
	10.5	21.1	163.2	142.2	163.2	42.1	15.8		73.7	94.8		52.6	15.8	94.8	47.4	115.8	10.5	275
32.0	32.0		224.1	256.2	160.1				128.1	192.1		32.0		224.1	32.0	256.2		276
1	7	10	37	61	27	17	5	7	62	25	7	29	8	27	32	57	5	277
	2.5	17.2	24.6	150.0	66.4	41.8	29.5		152.5	61.5	(*)	71.3	19.7	66.4	78.7	157.4	12.3	278
1	4	21	65	85	58	35	20	4	47	63	4	28	2	30	25	39		279
	2.0	7.8	41.1	127.2	113.5	68.5	47.0		92.0	123.3	(*)	54.8	3.9	58.7	48.9	84.1		280
7	23	89	335	416	318	223	73	25	248	242	15	160	47	162	106	350		281
6	20	72	235	259	171	159	64	15	178	183	12	138	45	101	83	269		282
1	3	17	100	157	147	69	9	10	70	59	3	22	2	61	23	81		283
3.0	9.9	38.2	143.7	178.5	136.4	97.8	42.0		106.4	103.8	(*)	68.6	20.2	69.5	45.5	156.6		284
3.2	10.6	38.2	124.7	137.4	90.7	84.3	41.9		94.4	97.1	(*)	73.2	23.9	53.6	44.0	149.1		285
2.2	6.7	38.2	224.4	352.3	329.9	154.9	42.6		157.1	132.4	(*)	49.4	4.5	136.9	51.6	188.5		286
	5	15	51	42	45	19	18	8	21	19		31	9	25	15	37		287
	16.1	48.4	164.5	135.5	145.1	61.3	83.9		67.7	61.3		100.0	29.0	80.6	48.4	119.3		288

¹ Nonregistration state; cities stated below only those with effective local ordinances.

MORTALITY STATISTICS.

TABLE 3.—DEATHS (EXCLUSIVE OF STILLBIRTHS) AND DEATH RATES PER 100,000 OF POPULATION, FROM CERTAIN REGISTRATION.

REGISTRATION AREA.		CAUSES OF DEATH.														
		All causes.	Typhoid fever.	Malarial fever.	Small-pox.	Measles.	Scarlet fever.	Whooping cough.	Diphtheria and croup.	Influenza.	All other epidemic diseases.	Tuberculosis of lungs.	Other forms of tuberculosis.	Cancer.		
REGISTRATION CITIES—Continued.																
KENTUCKY ² —continued.																
Paducah:																
289	Total	Deaths.....	376	13	16		1		12	1	4	54	4	7		
290	White	Deaths.....	228	9	12				8	1	2	24	2	6		
291	Colored	Deaths.....	148	4	4		1		4		2	30	2	1		
292	Total	Death rate..	1,602.1	55.4	68.2		4.3		51.1	4.3	17.0	230.1	17.0	29.8		
293	White	Death rate..	1,386.9	54.7	73.0				48.7	6.1	12.2	146.0	12.2	36.5		
294	Colored	Death rate..	2,105.3	56.9	56.9		14.2		56.9		28.4	426.7	28.4	14.2		
LOUISIANA. ²																
New Orleans:																
295	Total	Deaths.....	7,345	107	63	9	12	25	26	48	91	858	106	272		
296	White	Deaths.....	4,459	69	39		11	21	17	42	72	56	425	62	213	
297	Colored	Deaths.....	2,886	38	24	9	1	4	9	6	35	433	44	59		
298	Total	Death rate..	2,272.9	33.1	19.5	2.8	3.7	7.7	8.0	14.9	39.6	265.5	32.8	84.2		
299	White	Death rate..	1,896.0	29.3	16.6		4.7	8.9	7.2	17.9	30.6	180.7	26.4	90.6		
300	Colored	Death rate..	3,280.6	43.2	27.3	10.2	1.1	4.5	10.2	6.8	63.7	492.2	50.0	67.1		
MAINE.																
301	Auburn	Deaths.....	193	2					2	6	1	15	2	11		
302		Death rate..	1,348.6	14.0					14.0	41.9	28.0	7.0	104.8	14.0	76.9	
303	Augusta	Deaths.....	275	5			2		1	1	5	19	4	7		
304		Death rate..	2,181.0	39.7			15.9		7.9	7.9	39.7	23.8	150.7	31.7	55.5	
305	Bangor	Deaths.....	372	7								32	10	28		
306		Death rate..	1,546.9	29.1						4.2	16.6	133.1	41.6	116.4		
307	Bath	Deaths.....	155						4			12	2	9		
308		Death rate..	1,304.8						33.7		33.7	101.0	16.8	75.8		
309	Biddeford	Deaths.....	305	1						2	2	37	12	19		
310		Death rate..	1,742.4	5.7						11.4	11.4	5.7	211.4	68.6	108.5	
311	Lewiston	Deaths.....	484	7					4	11	2	38	13	28		
312		Death rate..	1,904.8	27.5					15.7	43.3	7.9	11.8	149.6	51.2	110.2	
313	Portland	Deaths.....	1,028	22	1				4	7	11	8	71	35	73	
314		Death rate..	1,808.6	38.7	1.8				7.0	12.3	19.4	21.1	14.1	124.9	61.6	128.4
315	Rockland	Deaths.....	133		1							10	3	6		
316		Death rate..	1,631.9		12.3							122.7	36.8	73.6		
317	Waterville	Deaths.....	196	2			4			4	1	12	3	12		
318		Death rate..	1,723.4	17.6			35.2			35.2	8.8	8.8	105.5	26.4	105.5	
MARYLAND.																
Annapolis:																
319	Total	Deaths.....	220	7						4	4	3	11	3	8	
320	White	Deaths.....	88	4						1	1	3	3	2	8	
321	Colored	Deaths.....	132	3						3	3	8	8	1		
322	Total	Death rate..	2,375.6	75.6						43.2	43.2	32.4	118.8	32.4	86.4	
323	White	Death rate..	1,469.6	66.8						16.7	16.7	50.1	50.1	33.4	133.6	
324	Colored	Death rate..	4,033.0	91.7						91.7	91.7		244.4	30.6		
Baltimore:																
325	Total	Deaths.....	10,416	177	9		18	72	41	66	149	80	1,247	174	454	
326	White	Deaths.....	7,861	151	8		16	68	28	58	119	68	826	127	390	
327	Colored	Deaths.....	2,555	26	1		2	4	13	8	30	12	421	47	64	
328	Total	Death rate..	1,832.0	31.1	1.6		3.2	12.7	7.2	11.6	26.2	14.1	219.3	30.6	79.8	
329	White	Death rate..	1,639.4	31.5	1.7		3.3	14.2	5.8	12.1	24.8	14.2	172.3	26.5	81.3	
330	Colored	Death rate..	2,868.2	29.2	1.1		2.2	4.5	14.6	9.0	33.7	13.5	472.6	52.8	71.8	
Cumberland:																
331	Total	Deaths.....	419	16			14	2	4	5	4	4	32	3	21	
332	White	Deaths.....	355	13			14	2	4	5	4	4	24	3	20	
333	Colored	Deaths.....	64	3									8		1	
334	Total	Death rate..	2,029.4	77.5			67.8	9.7	19.4	24.2	19.4	19.4	155.0	14.5	101.7	
335	White	Death rate..	1,952.9	67.3			72.5	10.4	20.7	25.9	20.7	20.7	124.2	15.5	103.5	
336	Colored	Death rate..	2,560.2	225.9									602.4		75.3	
Frederick:																
337	Total	Deaths.....	173	9							3	2	13	2	13	
338	White	Deaths.....	131	6							3	2	5	1	12	
339	Colored	Deaths.....	42	3									8	1	1	
340	Total	Death rate..	1,699.9	88.4							29.5	19.7	127.7	19.7	127.7	
341	White	Death rate..	1,542.3	70.6							35.3	23.5	58.9	11.8	141.3	
342	Colored	Death rate..	2,495.5	178.3									475.3	59.4	59.4	
Hagerstown:																
343	Total	Deaths.....	283	3				1	9	3	8	2	26	4	15	
344	White	Deaths.....	245	3				1	7	3	8	2	21	4	14	
345	Colored	Deaths.....	38						2				5		1	
346	Total	Death rate..	1,729.0	18.3					55.0	18.3	48.9	12.2	158.8	24.4	91.6	
347	White	Death rate..	1,652.5	20.2					47.2	20.2	54.0	13.5	141.6	27.0	94.4	
348	Colored	Death rate..	2,464.3						129.7				324.3		64.9	

¹ Rates shown for all ages.

² Rates not shown for this cause; see note 2 on page 64.

MORTALITY STATISTICS.

TABLE 3.—DEATHS (EXCLUSIVE OF STILLBIRTHS) AND DEATH RATES PER 100,000 OF POPULATION, FROM CERTAIN REGISTRATION

REGISTRATION AREA.		CAUSES OF DEATH.												
		All causes.	Typhoid fever.	Malarial fever.	Small-pox.	Measles.	Scarlet fever.	Whooping cough.	Diphtheria and croup.	Influenza.	All other epidemic diseases.	Tuberculosis of lungs.	Other forms of tuberculosis.	Cancer.
REGISTRATION CITIES—Continued.														
MASSACHUSETTS.														
349	Adams town.....	Deaths.....	194			2	1		2	9	1	26	1	14
350		Death rate.....	1,459.1			15.0	7.5		15.0	67.7	7.5	195.5	7.5	105.3
351	Amesbury town.....	Deaths.....	137	1					1			13	1	8
352		Death rate.....	1,619.2	11.8					11.8			153.6	11.8	94.6
353	Arlington town.....	Deaths.....	128	3					2	2		21	2	10
354		Death rate.....	1,241.9	29.1					19.4	19.4		203.7	19.4	97.0
355	Attleboro town.....	Deaths.....	167						1	2		8	2	11
356		Death rate.....	1,235.1						7.4	14.8		59.2	14.8	81.4
357	Beverly.....	Deaths.....	219	6		1			8			9	1	16
358		Death rate.....	1,366.5	37.4		6.2			49.9			56.2	6.2	99.8
	Boston:													
359	Total.....	Deaths.....	11,752	159	3	178	121	108	218	59	73	1,091	259	640
360	White.....	Deaths.....	11,336	157	3	174	120	100	214	55	72	1,024	243	626
361	Colored.....	Deaths.....	366	2		4	1	8	4	4	1	67	16	14
362	Total.....	Death rate.....	1,807.6	25.8	0.5	28.9	19.6	17.5	35.4	9.6	11.3	177.1	42.0	103.9
363	White.....	Death rate.....	1,891.4	26.1	0.5	28.9	19.9	16.6	35.5	9.1	12.0	170.1	40.4	104.0
364	Colored.....	Death rate.....	2,601.5	14.2		28.4	7.1	56.9	28.4	28.4	7.1	476.2	113.7	99.5
365	Brockton.....	Deaths.....	606	6		1	2	5	5	18	14	53	10	35
366		Death rate.....	1,155.8	11.4		1.9	3.8	9.5	9.5	34.3	26.7	101.1	19.1	66.8
367	Brookline town.....	Deaths.....	300	2		1			1			11	4	44
368		Death rate.....	1,174.8	7.8		3.9			3.9			43.1	15.7	172.3
369	Cambridge.....	Deaths.....	1,636	13		9	9	28	34	13	7	270	18	93
370		Death rate.....	1,623.6	12.9		8.9	8.9	27.8	33.7	12.9	6.9	268.0	17.9	92.3
371	Chelsea.....	Deaths.....	493	3		13	3	11	10	7	2	44	5	26
372		Death rate.....	1,257.1	7.6		33.1	7.6	28.0	25.5	17.8	5.1	112.2	12.7	66.3
373	Chicopee.....	Deaths.....	372		1		14	1	7	1	5	27	3	13
374		Death rate.....	1,788.0		4.8		67.3	4.8	33.6	4.8	24.0	129.8	14.4	62.5
375	Clinton town.....	Deaths.....	205	2		1			1	3	2	18		13
376		Death rate.....	1,605.5	15.7		7.8			7.8	23.5	15.7	141.0		101.8
377	Danvers town.....	Deaths.....	341	3		2		4		6	21	30	1	12
378		Death rate.....	3,637.3	32.0		21.3		42.7		64.0	224.0	320.0	10.7	128.0
379	Everett.....	Deaths.....	395	4		10	3	7	12	6	1	27	5	31
380		Death rate.....	1,235.3	12.5		31.3	9.4	21.9	37.5	18.8	3.1	84.4	15.6	96.9
381	Fall River.....	Deaths.....	2,346	14		48	39	24	22	25	8	150	22	72
382		Death rate.....	2,206.9	13.2		45.2	36.7	22.6	20.7	23.5	7.5	141.1	20.7	67.7
383	Fitchburg.....	Deaths.....	493	7				1	8	9	3	36	1	19
384		Death rate.....	1,453.6	20.6				2.9	23.6	26.5	5.9	106.1	2.9	56.0
385	Framingham town.....	Deaths.....	173	2						4	3	10	2	12
386		Death rate.....	1,479.3	17.1						34.2	25.7	85.5	17.1	102.6
387	Gardner town.....	Deaths.....	186	1		1	1	6	3	4		17	5	10
388		Death rate.....	1,461.0	7.9		7.9	7.9	47.1	23.6	31.4		133.5	39.3	78.5
389	Gloucester.....	Deaths.....	344	1			2	5	1	5		38	9	20
390		Death rate.....	1,325.9	3.9			7.7	19.3	3.9	19.3		146.5	34.7	77.1
391	Haverhill.....	Deaths.....	591	8		9		2	3	6	4	57	8	37
392		Death rate.....	1,546.2	20.9		23.5		5.2	7.8	15.7	10.5	149.1	20.9	96.8
393	Holyoke.....	Deaths.....	918	5		1	8	3	29	8	6	84	13	34
394		Death rate.....	1,749.7	9.5		1.9	15.2	5.7	55.3	15.2	11.4	160.1	24.8	64.8
395	Hyde Park town.....	Deaths.....	177	3		3	1		5	1	1	13	3	9
396		Death rate.....	1,159.2	19.6		19.6	6.5		32.7	6.5	6.5	85.1	19.6	58.9
397	Lawrence.....	Deaths.....	1,323	19		7	2	11	20	6	10	106	22	55
398		Death rate.....	1,774.8	25.5		1.3	9.4	2.7	14.8	26.8	8.0	142.2	29.5	73.8
399	Leominster town.....	Deaths.....	165	2		6	1		1		1	7	2	11
400		Death rate.....	1,068.7	13.0		38.9	6.5		6.5		6.5	45.3	13.0	71.2
401	Lowell.....	Deaths.....	1,961	26		14	3	12	27	17	10	124	31	86
402		Death rate.....	2,061.2	27.3		14.7	3.2	12.6	28.4	17.9	10.5	130.3	32.6	90.4
403	Lynn.....	Deaths.....	1,181	17		9	12	17	32	10	2	110	17	72
404		Death rate.....	1,437.5	20.7		11.0	14.6	20.7	38.9	12.2	2.4	133.9	20.7	87.6
405	Malden.....	Deaths.....	561	5	1	6	7		14	4	5	48	6	39
406		Death rate.....	1,379.7	12.3	2.5	14.8	17.2		34.4	9.8	12.3	118.1	14.8	95.9
407	Marlboro.....	Deaths.....	208	1			1		2	2	1	19	4	11
408		Death rate.....	1,414.5	7.0			7.0		13.9	13.9	7.0	132.4	27.9	76.6

1 Rates shown for all ages.

PRINCIPAL CAUSES AND RATES.

CAUSES OF DEATH, FOR THE REGISTRATION AREA, ITS MAIN SUBDIVISIONS, THE REGISTRATION STATES, AND CITIES: 1908—Continued.

CAUSES OF DEATH—continued.																	
Tumor.	Dia- betes.	Menin- gitis.	Other diseases of nervous system.	Diseases of circula- tory system.	Pneu- monia (lobar and unquali- fied).	Other diseases of respi- ratory system.	Diarrhea and enteritis. ¹		Other diseases of digestive system.	Bright's disease and nephritis.	Child- birth. ²	Diseases of early infancy.	Suicide.	Acci- dent.	Ill- defined causes.	All other causes.	Cause un- known.
							Under 2 years.	2 years and over.									
1	7.5	15.0	15	11	11	6	23	2	10	10	1	16	3	7	8	12	349
3	35.5	35.5	14	23	9	5	11	1	3	13	(?)	5	2	9	8	351	
2	19.4	9.7	7	21	5	5	6	1	5	6	1	5	1	6	8	353	
4	29.6	7.4	19	30	9	6	9	2	4	16	4	14	2	4	11	355	
1	6.2	25.0	24	43	22	6	7	1	7	9	3	8	13	13	18	357	
12	114	144	806	1,589	885	632	724	85	561	551	79	683	132	708	261	749	359
11	113	142	889	1,540	850	612	701	81	531	531	77	668	131	694	258	725	360
1	1	2	17	49	35	20	23	4	12	20	2	15	1	14	3	24	361
1.9	18.5	23.4	147.1	257.9	143.7	102.6	131.3	13	91.1	89.4	(?)	110.9	21.4	114.9	42.4	134.4	362
1.8	18.8	23.6	147.7	255.8	141.2	101.7	129.9	12	91.2	88.2	(?)	111.0	21.8	115.3	42.9	133.2	363
7.1	7.1	14.2	120.8	348.3	248.8	142.2	191.9	12	85.3	142.2	(?)	106.6	7.1	99.5	21.3	184.8	364
5	5.7	28.6	47	87	68.7	27	23	5	24	30	8	44	5	37	14	52	365
13	50.9	3.9	37	72	15	13	4	1	17	13	1	15	1	12	2	20	367
1	14	28	118	231	113	89	104	10	53	81	9	86	15	75	40	74	369
1.0	13.9	27.8	117.1	229.3	112.1	88.3	113.1	10	52.6	80.4	(?)	85.3	14.9	74.4	39.7	82.4	370
1	5	3	66	59	37	29	24	4	17	30	3	16	1	46	3	25	371
2.5	12.7	7.6	168.3	150.4	94.3	73.9	71.4	4	43.3	76.5	(?)	40.8	2.5	117.3	7.6	71.4	372
5	24.0	100.9	27	34	35	14	39	3	16	10	4	41	1	14	19	17	373
2	15.7	7.8	32	15	18	9	8	4	16	8	1	13	1	11	12	16	375
2	21.3	10.7	61	63	34	21	2	13	7	24	1	4	4	5	1	19	377
1	3.1	9.4	36	57	27	21	25	3	19	24	2	22	2	11	13	19	379
1	14	39	172	139	216	200	367	37	96	124	21	166	17	95	114	102	381
0.9	13.2	36.7	161.8	130.8	203.2	188.1	380.1	37	90.3	116.6	(?)	156.2	16.0	89.4	107.2	115.7	382
1	5	10	41	30	29	26	55	3	15	25	3	39	7	25	8	35	383
2.9	14.7	29.5	120.9	235.9	85.5	76.7	171.0	3	44.2	73.7	(?)	115.0	20.6	73.7	23.6	112.0	384
2	17.1	8.6	15	22	16	5	4	2	12	11	1	6	2	22	5	16	385
2	15.7	31.4	19	21	14	4	12	2	11	8	1	10	2	9	4	17	387
1	4	3	32	48	28	17	25	4	14	22	3	19	4	16	9	16	389
3.9	15.4	11.6	123.3	185.0	100.2	65.5	111.8	4	54.0	84.8	(?)	73.2	15.4	61.7	34.7	73.2	390
6	15.7	7.8	54	100	34	18	41	8	33	32	10	22	5	38	7	44	391
8	15.2	40.0	112.5	122.0	125.8	104.8	98	7	37	44	9	117	6	43	39	54	393
2	13.1	26.2	19	31	18	3	7	2	7	10	2	9	1	13	3	10	395
6	8.0	34.9	110	138	106	69	179	11	69	67	12	76	7	64	47	77	397
1	6.5	32.4	16	22	17	6	9	2	4	16	1	14	1	6	7	9	399
2	12	39	163	233	143	139	252	39	116	96	14	149	12	65	15	119	401
2.1	12.6	41.0	171.3	244.9	150.3	146.1	305.9	39	121.9	100.9	(?)	156.6	12.6	71.5	15.8	139.8	402
10	22	103	161	72	64	55	55	9	43	69	14	60	11	68	30	92	403
1	6	8	51	107	21	25	26	1	30	39	2	28	5	18	15	43	405
2.5	14.8	19.7	125.4	263.2	51.6	61.5	66.4	1	73.8	95.9	(?)	68.9	12.3	44.3	36.9	110.7	406
1	7.0	6	28	38	10	5	3	2	17	10	1	8	2	10	2	21	407
7.0	7.0	41.8	195.1	264.8	69.7	34.8	20.9	2	118.5	69.7	(?)	55.7	13.9	69.7	13.9	146.3	408

² Rates not shown for this cause; see note 2 on page 64.

MORTALITY STATISTICS.

TABLE 3.—DEATHS (EXCLUSIVE OF STILLBIRTHS) AND DEATH RATES PER 100,000 OF POPULATION, FROM CERTAIN REGISTRATION

REGISTRATION AREA.	CAUSES OF DEATH.												
	All causes.	Typhoid fever.	Malarial fever.	Small-pox.	Measles.	Scarlet fever.	Whooping cough.	Diphtheria and croup.	Influenza.	All other epidemic diseases.	Tuberculosis of lungs.	Other forms of tuberculosis.	Cancer.
REGISTRATION CITIES—Continued.													
MASSACHUSETTS—continued.													
409 Medford.....	Deaths.....	228	1		3	2	1	2	1	1	25	4	23
410 Medford.....	Death rate..	1,109.5	4.9		14.6	9.7	4.9	9.7	4.9	4.9	121.7	19.5	111.9
411 Melrose.....	Deaths.....	182	2		1		1	2	4	3	13	1	19
412 Melrose.....	Death rate..	1,205.8	13.3		6.6		6.6	13.3	26.5	19.9	86.1	6.6	126.9
413 Milford town.....	Deaths.....	201	1		3				2	12	19	2	5
414 Milford town.....	Death rate..	1,602.6	8.0		23.9				15.9	95.7	151.5	15.9	39.9
415 Natick town.....	Deaths.....	177						1	6	23	4	1	9
416 Natick town.....	Death rate..	1,828.3						10.3	62.0	237.6	41.3	10.3	98.0
417 New Bedford.....	Deaths.....	1,573	20		31	10	13	11	8	1	118	27	68
418 New Bedford.....	Death rate..	1,929.7	24.5		38.0	12.3	15.9	13.5	9.8	1.2	144.8	33.1	83.4
419 Newburyport.....	Deaths.....	282	12			3		2	6	1	17	2	15
420 Newburyport.....	Death rate..	1,906.4	81.1			20.3		13.5	40.6	6.8	114.9	13.5	101.4
421 Newton.....	Deaths.....	426	2		1	2	3	5	9	3	30	11	36
422 Newton.....	Death rate..	1,098.8	5.2		2.6	5.2	7.7	12.9	23.2	7.7	77.4	28.4	92.9
423 North Adams.....	Deaths.....	289	6		5		1	3	3	1	16	3	22
424 North Adams.....	Death rate..	1,381.5	28.7		23.9		4.8	14.3	14.3	4.8	76.5	14.3	105.2
425 Northampton.....	Deaths.....	359	2		5	3	9	3	7	1	10	7	25
426 Northampton.....	Death rate..	1,730.5	9.6		24.1	14.5	43.4	14.5	33.7	4.8	91.6	33.7	120.5
427 Peabody town.....	Deaths.....	207	6		9		1	3	4	3	14	1	13
428 Peabody town.....	Death rate..	1,474.0	42.7		64.1		7.1	21.4	28.5	21.4	99.7	7.1	92.6
429 Pittsfield.....	Deaths.....	422	5		5	3		3	2	3	27	5	28
430 Pittsfield.....	Death rate..	1,566.3	18.6		18.6	11.1		11.1	7.4	11.1	100.2	18.6	103.9
431 Plymouth town.....	Deaths.....	158						3	3	2	9	3	8
432 Plymouth town.....	Death rate..	1,312.9						24.9	24.9	16.6	74.8	24.9	66.5
433 Quincy.....	Deaths.....	376	3				1	10	4	2	29	12	20
434 Quincy.....	Death rate..	1,229.5	9.8				3.3	32.7	13.1	6.5	94.8	39.2	65.4
435 Revere town.....	Deaths.....	159	1		1		3	3		2	16		6
436 Revere town.....	Death rate..	1,134.3	7.1		7.1		21.4	21.4		14.3	114.1		42.8
437 Salem.....	Deaths.....	729	5		8	1	6	8	1	5	50	13	47
438 Salem.....	Death rate..	1,887.2	12.9		20.7	2.6	15.5	20.7	2.6	12.9	129.4	33.7	121.7
439 Somerville.....	Deaths.....	901	9		3	4	12	14	10	5	74	10	74
440 Somerville.....	Death rate..	1,220.1	12.2		4.1	5.4	16.2	19.0	13.5	6.8	100.2	13.5	100.2
441 Southbridge town.....	Deaths.....	165	2				1	2	3	2	18	1	10
442 Southbridge town.....	Death rate..	1,424.3	17.3				8.6	17.3	25.9	17.3	155.4	8.6	86.3
443 Springfield.....	Deaths.....	1,220	24	1			8	5	26	5	77	18	87
444 Springfield.....	Death rate..	1,516.9	29.8	1.2			9.9	6.2	32.3	6.2	95.7	22.4	108.2
445 Taunton.....	Deaths.....	659	7		3	9	5	1	14	7	69	7	22
446 Taunton.....	Death rate..	2,130.9	22.6		9.7	29.1	16.2	3.2	45.3	22.6	223.1	22.6	71.1
447 Wakefield town.....	Deaths.....	147	4		2	2	1	1		2	14	4	10
448 Wakefield town.....	Death rate..	1,354.3	36.9		18.4	18.4	9.2	9.2		18.4	129.0	36.9	92.1
449 Waltham.....	Deaths.....	314	4		3	3	2	5	9		30	13	25
450 Waltham.....	Death rate..	1,123.0	14.3		10.7	10.7	7.2	17.9	32.2		107.3	46.5	89.4
451 Ware town.....	Deaths.....	142			1			3	2	2	15	3	4
452 Ware town.....	Death rate..	1,615.1			11.4			34.1	22.7	22.7	170.6	34.1	45.5
453 Watertown town.....	Deaths.....	126			1	1	1		4	3	13	1	9
454 Watertown town.....	Death rate..	1,033.8			8.2	8.2	8.2		32.8	24.6	106.7	8.2	73.8
455 Webster town.....	Deaths.....	147	1		1	2	5	1	4	1	12	2	5
456 Webster town.....	Death rate..	1,368.0	9.3		9.3	18.6	46.5	9.3	37.2	9.3	111.7	18.6	46.5
457 Westfield town.....	Deaths.....	232	4		2	3		1	3		18	5	10
458 Westfield town.....	Death rate..	1,612.1	27.8		13.9	20.8		6.9	20.8		125.1	34.7	69.5
459 Weymouth town.....	Deaths.....	178	1				1	5	5	1	15	4	14
460 Weymouth town.....	Death rate..	1,516.1	8.5				8.5	42.6	42.6	8.5	127.8	34.1	119.2
461 Woburn.....	Deaths.....	192	1				1	4	1	2	13	3	7
462 Woburn.....	Death rate..	1,325.1	6.9				6.9	27.6	6.9	13.8	89.7	20.7	48.3
463 Worcester.....	Deaths.....	2,329	14		19	41	13	60	16	14	209	36	129
464 Worcester.....	Death rate..	1,738.5	10.5		14.2	30.6	9.7	44.8	11.9	10.5	156.0	26.9	96.3
MICHIGAN.													
465 Adrian.....	Deaths.....	173	2				1	1	4	1	10	5	10
466 Adrian.....	Death rate..	1,477.9	17.1				8.5	8.5	34.2	8.5	85.4	42.7	85.4
467 Alpena.....	Deaths.....	220	9		1		1	11	1	4	16	2	10
468 Alpena.....	Death rate..	1,690.6	69.2		7.7		7.7	84.5	7.7	30.7	123.0	15.4	76.8

¹Rates shown for all ages.

PRINCIPAL CAUSES AND RATES.

CAUSES OF DEATH, FOR THE REGISTRATION AREA, ITS MAIN SUBDIVISIONS, THE REGISTRATION STATES, AND CITIES: 1908—Continued.

CAUSES OF DEATH—continued.																	
Tumor.	Dia- betes.	Menin- gitis.	Other diseases of nervous system.	Diseases of circula- tory system.	Pneu- monia (lobar and unquali- fied).	Other diseases of respi- ratory system.	Diarrhea and enteritis. ¹		Other diseases of digestive system.	Bright's disease and nephritis.	Child- birth. ²	Diseases of early infancy.	Suicide.	Acci- dent.	Ill- defined causes.	All other causes.	Cause un- known.
							Under 2 years.	2 years and over.									
4	19.5		20	53	21	4	8	1	11	14	8	3	8	1	7	409	
2	13.3	4	15	36	13	14	5	7	7	8	6	1	6	4	13	410	
1	8.0	1	39	20	17	7	11	1	9	11	12	1	10	2	9	411	
3	31.0	10.3	111.6	320.2	175.6	51.6	14	5	31.0	51.6	93.0	10.3	154.9	10.3	124.0	412	
2	15.9	13	51	126	87	129	202	9	50	61	110	11	58	51	84	413	
1	6.8	1	37	53	17	12	12	3	12	14	10	1	11	5	29	414	
6	15.5	7	36	67	24	10	17	2	28	28	20	2	22	24	27	415	
1	4.8	4	37	39	15	17	16	6	17	16	11	1	26	3	16	416	
3	14.5	11	52	31	13	23	14	5	12	21	15	4	18	3	49	417	
1	7.1	2	22	31	9	16	6	5	5	9	16	1	6	7	12	418	
2	7.4	2	45	64	34	21	13	3	29	22	22	2	38	6	29	419	
2	16.6	1	14	34	2	10	6	1	9	7	19	1	6	6	10	420	
7	22.9	6	29	73	13	17	32	4	14	16	23	3	31	3	19	421	
1	7.1	3	15	21	11	13	13	2	6	10	14	2	5	10	433		
1	2.6	7	78	109	49	52	44	5	24	41	67	3	27	24	37	434	
11	14.9	9	77	174	85	49	53	4	33	37	46	5	34	9	51	435	
4	34.5	3	9	10	13	13	10	8	8	8	20	2	6	19	441		
16	19.9	14	104	147	86	45	57	11	78	124	63	16	85	12	79	442	
1	3.2	9	86	106	43	30	53	16	30	26	31	4	15	6	42	443	
2	18.4	6	19	17	6	2	9	2	10	2	7	1	9	1	14	444	
4	14.3	4	32	40	23	15	10	3	9	9	10	3	10	10	28	445	
1	11.4	1	15	18	8	12	10	2	4	3	10	1	6	2	16	446	
1	8.2	2	12	10	10	4	9	1	8.2	3	11	1	2	12	15	447	
5	46.5	3	9	10	7	7	16	8	8	6	10	2	13	3	13	448	
4	27.8	2	29	32	10	6	18	1	13	16	22	4	8	4	14	449	
3	25.0	2	19	37	12	6	10	5	5	13	3	1	7	2	12	450	
2	13.8	2	33	30	13	2	3	5	10	15	10	11	5	19	461		
1	0.7	28	232	361	140	120	143	15	101	113	148	19	122	30	156	462	
1	8.5	1	25	33	6	2	11	18	18	9	3	3	6	2	16	463	
1	7.7	1	24	23	8	13	18	3	16	5	9	9	10	21	1	464	

²Rates not shown for this cause; see note 2 on page 64.

MORTALITY STATISTICS.

TABLE 3.—DEATHS (EXCLUSIVE OF STILLBIRTHS) AND DEATH RATES PER 100,000 OF POPULATION, FROM CERTAIN REGISTRATION

REGISTRATION AREA.		CAUSES OF DEATH.											
		All causes.	Typhoid fever.	Malaria fever.	Small-pox.	Measles.	Scarlet fever.	Whooping cough.	Diphtheria and croup.	Influenza.	All other epidemic diseases.	Tuberculosis of lungs.	Other forms of tuberculosis.	Cancer.
REGISTRATION CITIES—Continued.													
MICHIGAN—continued.													
469	Ann Arbor.....	Deaths.....	282	2						1	14	5	41
470		Death rate..	1,919.8	13.6					6.8		95.3	34.0	279.1
471	Battle Creek.....	Deaths.....	348	10				2	8	2	24	5	22
472		Death rate..	1,345.6	38.7				7.7	30.9	7.7	92.8	19.3	85.1
473	Bay City.....	Deaths.....	575	20	1			3	5	5	35	5	25
474		Death rate..	1,418.5	49.3	2.5		14	7.4	12.3	12.3	86.3	12.3	61.7
475	Detroit.....	Deaths.....	5,882	84	6		17	76	67	69	29	24	391
476		Death rate..	1,563.6	23.3	1.6		4.5	20.2	17.8	18.3	7.7	6.4	103.9
477	Escanaba.....	Deaths.....	228	16				1	7	2	1	15	5
478		Death rate..	1,802.8	126.5				7.9	55.3	15.8	7.9	118.6	39.5
479	Flint.....	Deaths.....	267	11				2	1	2		10	6
480		Death rate..	1,641.6	67.6				12.3	6.1	12.3		61.5	36.9
481	Grand Rapids.....	Deaths.....	1,367	33	2		9	8	4	12	13	9	32
482		Death rate..	1,316.1	31.8	1.9		8.7	7.7	3.9	11.6	12.5	8.7	78.9
483	Iron Mountain.....	Deaths.....	111	1					2	4			5
484		Death rate..	1,400.1	12.6					25.2	50.5			63.1
485	Ironwood.....	Deaths.....	146	5			2	4		8		5	13
486		Death rate..	1,412.9	48.4			19.4	38.7		77.4		48.4	125.8
487	Ishpeming.....	Deaths.....	217				15	2	1	16	5	11	4
488		Death rate..	2,172.0				150.1	20.0	10.0	160.1	20.0	50.0	110.1
489	Jackson.....	Deaths.....	441	5	1			2	1	2	15	2	29
490		Death rate..	1,734.9	19.7	3.9			7.9	3.9	7.9	59.0	7.9	114.1
491	Kalamazoo.....	Deaths.....	632	13				1	4	1	5	14	36
492		Death rate..	1,797.5	37.0				2.8	11.4	2.8	14.2	39.8	102.4
493	Lansing.....	Deaths.....	295	14				1	1	6	1	3	20
494		Death rate..	1,225.7	58.2				4.2	4.2	24.9	4.2	12.5	83.1
495	Manistee.....	Deaths.....	161	5					3			1	18
496		Death rate..	1,440.6	44.7					26.8			8.9	161.1
497	Marquette.....	Deaths.....	175	5				1	1	1	3	14	5
498		Death rate..	1,562.5	44.4				8.9	8.9	8.9	8.9	26.6	124.2
499	Menominee.....	Deaths.....	151	6			2			2	4	3	10
500		Death rate..	1,610.8	64.0			21.3			21.3	42.7	32.0	106.7
501	Muskegon.....	Deaths.....	289	7				3	9	3	2	4	29
502		Death rate..	1,377.8	33.4				14.3	42.9	14.3	9.5	19.1	138.3
503	Owosso.....	Deaths.....	124	3					1	2	5	2	9
504		Death rate..	1,292.5	31.3					10.4	20.8	52.1	20.8	93.8
505	Pontiac.....	Deaths.....	233	1						1	2	12	30
506		Death rate..	1,860.0	8.0						8.0	16.0	95.8	239.5
507	Port Huron.....	Deaths.....	272	4		1			5		1	2	15
508		Death rate..	1,301.6	19.1		4.8			23.9		4.8	9.6	71.8
509	Saginaw.....	Deaths.....	674	14	2			1		6	6	3	45
510		Death rate..	1,324.8	27.5	3.9			2.0		11.8	11.8	5.9	88.5
511	Sault Ste. Marie.....	Deaths.....	174	9						4	3	3	10
512		Death rate..	1,409.4	72.9						32.4	24.3	24.3	81.0
513	Traverse City.....	Deaths.....	286	7					3		4	12	31
514		Death rate..	2,188.7	53.6					23.0		30.6	91.8	237.2
MINNESOTA. ³													
515	Duluth.....	Deaths.....	884	41			4	4	4	44	5	2	90
516		Death rate..	1,225.6	56.8			5.5	5.5	5.5	61.0	6.9	2.8	124.8
517	Mankato.....	Deaths.....	163	31			1	1		1	5	1	12
518		Death rate..	1,495.6	276.0			8.9	8.9		8.9	44.5	8.9	106.8
519	Minneapolis.....	Deaths.....	3,077	53		2	21	14	14	90	23	26	307
520		Death rate..	1,034.2	17.8		0.7	7.1	4.7	4.7	30.2	7.7	8.7	103.2
521	St. Paul.....	Deaths.....	2,187	26		4	4	17	24	52	15	11	193
522		Death rate..	1,006.0	12.0		1.8	1.8	7.8	11.0	23.9	6.9	5.1	88.8
523	Winona.....	Deaths.....	231	3			2	1		2	4	4	28
524		Death rate..	1,115.6	14.5			9.7	4.8		9.7	19.3	19.3	135.2

¹ Rates shown for all ages.² Rates not shown for this cause; see note 2 on page 64.

PRINCIPAL CAUSES AND RATES.

CAUSES OF DEATH, FOR THE REGISTRATION AREA, ITS MAIN SUBDIVISIONS, THE REGISTRATION STATES, AND CITIES: 1908—Continued.

CAUSES OF DEATH—continued.																		
Tumor.	Dia- betes.	Menin- gitis.	Other diseases of nervous system.	Diseases of circ- ulatory system.	Pneua- monia (lobar and unquali- fied).	Other diseases of respi- ratory system.	Diarrhea and enteritis. ¹		Other diseases of digestive system.	Bright's disease and nephritis.	Child- birth. ²	Diseases of early infancy.	Suicide.	Acci- dent.	Ill- defined causes.	All other causes.	Cause un- known.	
							Under 2 years.	2 years and over.										
2 13.6	1 6.8	2 13.6	42 235.9	27 183.8	4 27.2	8 54.5	2 27.2	2	35 238.3	14 95.3		11 74.9	2 13.6	27 183.8	5 34.0	35 238.3		469 470
	5 19.3	4 15.5	38 146.9	52 201.1	18 69.6	8 30.9	15 77.3	5	28 108.3	19 73.5	3	14 54.1	4 15.5	33 127.6		29 123.7		471 472
	3 7.4	8 19.7	53 130.8	65 160.4	39 96.2	27 66.6	31 86.3	4	40 98.7	22 54.3	5	33 81.4	5 12.3	44 108.5	16 39.5	63 167.8		473 474
4 1.1	55 14.6	34 22.3	521 138.5	572 152.1	395 105.0	329 87.5	374 108.7	35	355 94.4	279 74.2	81	466 123.9	71 18.9	320 85.1	207 55.0	638 191.1	12 3.2	475 476
		4 31.6	13 102.8	14 110.7	19 150.2	13 102.8	31 268.8	3	11 87.0	6 47.4	1	14 110.7	4 31.6	18 142.3	7 55.3	14 118.6	2 15.8	477 478
	3 18.4	2 12.3	22 135.3	35 215.2	15 92.2	15 92.2	21 153.7	4	13 79.9	14 86.1	3	16 98.4	1 6.1	20 123.0	11 67.6	29 196.7		479 480
2 1.9	15 14.4	18 17.3	125 120.3	187 180.0	67 64.5	65 62.6	79 83.8	8	121 116.5	70 67.4	16	64 61.6	23 22.1	71 68.4	33 31.8	117 128.0	1 1.0	481 482
		2 25.2	6 75.7	7 88.3	3 37.8	4 50.5	16 239.7	3	9 113.5	2 25.2	1	11 138.7	1 12.6	9 113.5	6 75.7	10 138.7		483 484
		3 29.0	7 67.7	3 29.0	9 87.1	9 87.1	16 174.2	2	12 116.1	6 58.1	2	8 77.4		15 145.2	7 67.7	5 67.7	1 9.7	485 486
	4 40.0	7 70.1	9 90.1	15 150.1	16 160.1	14 140.1	26 330.3	7	13 130.1	4 40.0		5 50.0	1 10.0	16 160.1	5 50.0	11 110.1		487 488
	6 23.6	2 7.9	52 204.6	62 243.9	19 74.7	19 74.7	17 86.5	5	40 157.4	23 90.5	3	14 55.1	7 27.5	38 149.5	5 19.7	40 169.2	1 3.9	489 490
	6 17.1	1 2.8	126 358.4	116 329.9	20 56.9	23 65.4	38 136.5	10	49 139.4	28 79.6	5	28 79.6	5 14.2	27 76.8	4 11.4	39 125.1		491 492
	3 12.5		34 141.3	41 170.4	14 58.2	5 20.8	18 120.5	11	26 108.0	15 62.3	5	9 37.4	1 4.2	14 58.2	4 16.6	27 133.0		493 494
	4 35.8	2 17.9	9 80.5	17 152.1	11 98.4	4 35.8	5 53.7	1	12 107.4	6 53.7		9 80.5	4 35.8	10 89.5	1 8.9	20 179.0		495 496
1 8.9	1 8.9	2 17.7	13 115.3	17 150.8	9 79.8	9 79.8	19 186.3	2	9 79.8	7 62.1	2	6 53.2	2 17.7	21 186.3	1 8.9	9 97.6		497 498
			16 170.7	9 96.0	9 96.0	12 128.0	13 138.7		11 117.3	6 64.0	1	10 106.7	1 10.7	6 64.0	1 10.7	16 181.4		499 500
	3 14.3	7 33.4	30 143.0	34 162.1	5 23.8	18 85.8	14 71.5	1	17 81.0	13 62.0	1	15 71.5	5 23.8	13 62.0	1 4.8	33 162.1	1 4.8	501 502
	1 10.4	1 10.4	13 135.5	21 218.9	4 41.7	4 41.7	2 31.3	1	14 145.9	3 31.3	2	5 52.1	1 10.4	12 125.1	3 31.3	7 93.8		503 504
	3 23.9	1 8.0	52 415.1	50 399.1	8 63.9	9 71.8	4 47.9	2	9 71.8	5 39.9	2	3 23.9	3 23.9	6 47.9	2 16.0	14 127.7		505 506
	2 9.6	1 4.8	25 119.6	38 181.8	20 95.7	8 38.3	16 86.1	2	23 110.1	28 134.0	4	12 57.4	2 9.6	14 67.0	5 23.9	34 181.8		507 508
1 2.0	5 9.8	16 31.4	79 155.3	74 145.5	42 82.6	34 66.8	27 62.9	5	54 106.1	37 72.7	4	35 68.8	7 13.8	36 70.8	21 41.3	64 133.7		509 510
	1 8.1	4 32.4	15 121.5	8 64.8	4 32.4	14 113.4	21 202.5	4	14 113.4	4 32.4	3	13 105.3		17 137.7	2 16.2	14 137.7		511 512
	3 23.0	1 7.7	67 512.7	41 313.8	11 84.2	5 38.3	14 183.7	10	7 53.6	8 61.2	3	7 53.6		6 45.9	2 15.3	31 260.2		513 514
3 4.2	10 13.9	18 25.0	52 72.1	86 119.2	47 65.2	35 48.5	66 109.5	13	43 59.6	28 38.8	13	47 65.2	19 26.3	72 99.8	13 18.0	75 122.0		515 516
		2 17.8	13 115.7	13 115.7	8 71.2	6 53.4	2 26.7	1	9 80.1	12 106.8		4 35.6		13 115.7	1 8.9	12 106.8		517 518
1 0.3	40 13.4	69 23.2	243 81.7	329 110.6	255 85.7	148 49.7	136 58.1	37	199 66.9	213 71.6	43	82 27.6	54 18.1	174 58.5	15 5.0	246 97.1		519 520
	20 9.2	41 18.9	171 78.7	214 98.4	138 63.5	89 40.9	96 51.5	16	136 62.6	160 73.6	30	119 54.7	33 15.2	139 63.9	42 19.3	186 99.4		521 522
	6 29.0	4 19.3	28 135.2	32 154.5	13 62.8	9 43.5	10 62.8	3	11 53.1	5 24.1	1	4 19.3	3 14.5	9 43.5	5 24.1	24 120.7	1 4.8	523 524

¹ Nonregistration state; cities stated below only those with effective local ordinances.

MORTALITY STATISTICS.

TABLE 3.—DEATHS (EXCLUSIVE OF STILLBIRTHS) AND DEATH RATES PER 100,000 OF POPULATION, FROM CERTAIN REGISTRATION

REGISTRATION AREA.		CAUSES OF DEATH.													
		All causes.	Typhoid fever.	Malarial fever.	Small-pox.	Measles.	Scarlet fever.	Whooping cough.	Diphtheria and croup.	Influenza.	All other epidemic diseases.	Tuberculosis of lungs.	Other forms of tuberculosis.	Cancer.	
REGISTRATION CITIES—Continued.															
MISSOURI. ²															
Kansas City:															
525	Total	Deaths.....	3,165	66	12	2	7	11	32	36	38	15	296	30	141
526	White	Deaths.....	2,668	56	12	2	7	11	28	31	36	14	195	25	134
527	Colored	Deaths.....	497	10					4	5	2	1	101	5	7
528	Total	Death rate..	1,678.3	35.0	6.4	1.1	3.7	5.8	17.0	19.1	20.2	8.0	157.0	15.9	74.8
529	White	Death rate..	1,583.8	33.3	7.1	1.2	4.2	6.5	16.6	18.4	21.4	8.3	115.9	14.9	79.6
530	Colored	Death rate..	2,443.5	49.2					19.7	24.6	9.8	4.9	496.6	24.6	34.4
531	St. Joseph	Deaths.....	1,023	16		1		2	16	4	18	8	117	16	53
532		Death rate..	831.7	13.0		0.8		1.6	13.0	3.3	14.6	6.5	95.1	13.0	43.1
St. Louis:															
533	Total	Deaths.....	9,783	103	53	1	11	42	33	127	113	54	1,135	134	549
534	White	Deaths.....	8,676	96	44	1	11	42	32	123	104	50	862	112	514
535	Colored	Deaths.....	1,107	7	9				1	4	9	4	273	22	35
536	Total	Death rate..	1,451.5	15.3	7.9	0.1	1.6	6.2	4.9	18.8	16.8	8.0	168.4	19.9	81.5
537	White	Death rate..	1,372.8	15.2	7.0	0.2	1.7	6.6	5.1	19.5	16.5	7.9	136.4	17.7	81.3
538	Colored	Death rate..	2,635.1	16.7	21.4				2.4	9.5	21.4	9.5	649.9	52.4	83.3
NEBRASKA. ²															
539	Lincoln	Deaths.....	533	5			7	6	3	15	10	1	33	7	33
540		Death rate..	1,046.1	9.8			13.7	11.8	5.9	29.4	19.6	2.0	64.8	13.7	64.8
541	Omaha	Deaths.....	1,589	29	2	6	2	11	25	19	16	14	129	14	97
542		Death rate..	1,209.6	22.1	1.5	4.6	1.5	8.4	19.0	14.5	12.2	10.7	98.2	10.7	73.8
NEW HAMPSHIRE.															
543	Berlin	Deaths.....	188	3					5	3	4	2	7	4	7
544		Death rate..	1,444.8	23.1					38.4	23.1	30.7	15.4	53.8	30.7	53.8
545	Concord	Deaths.....	410	2						5	3	3	25	1	22
546		Death rate..	1,886.4	9.2						23.0	13.8	13.8	115.0	4.6	101.2
547	Dover	Deaths.....	242	7					1		9		26	6	17
548		Death rate..	1,787.2	51.7					7.4		66.5		192.0	44.3	125.5
549	Keene	Deaths.....	159				1		1	2	1		7	2	18
550		Death rate..	1,508.5				9.5		9.5	19.0	9.5		66.4	19.0	170.8
551	Laconia	Deaths.....	145				1			1	1	2	20	2	5
552		Death rate..	1,803.0				12.4			12.4	12.4	24.9	248.7	24.9	62.2
553	Manchester	Deaths.....	1,116	20	1				12	44	7	5	95	13	44
554		Death rate..	1,658.9	29.7	1.5				17.8	65.4	10.4	7.4	141.2	19.3	65.4
555	Nashua	Deaths.....	416	2	1		8		5	13	5	5	17	6	19
556		Death rate..	1,508.9	7.3	3.6		29.0		18.1	47.2	18.1	18.1	61.7	21.8	68.9
557	Portsmouth	Deaths.....	201	3					2	6	2	1	19	4	12
558		Death rate..	1,781.1	26.6					17.7	53.2	17.7	8.9	168.4	35.4	106.3
559	Rochester	Deaths.....	125						1		3	1	11	2	17
560		Death rate..	1,340.9						10.7		32.2	10.7	118.0	21.5	182.4
NEW JERSEY.															
Atlantic City:															
561	Total	Deaths.....	651	7				1	2	3	6	2	44	18	32
562	White	Deaths.....	501	4				1	2	2	5	1	22	10	28
563	Colored	Deaths.....	150	3					1	1	1	1	22	8	4
564	Total	Death rate..	1,498.4	16.1				2.3	4.6	6.9	13.8	4.6	101.3	41.4	73.7
565	White	Death rate..	1,509.4	12.1				3.0	6.0	6.0	15.1	3.0	66.3	30.1	84.4
566	Colored	Death rate..	1,482.7	29.3					9.8	9.8	9.8	9.8	214.5	78.0	39.0
567	Bayonne	Deaths.....	720	3			8	6	8	14	2	7	67	8	25
568		Death rate..	1,500.4	6.3			16.7	12.5	16.7	29.2	4.2	14.6	139.6	16.7	52.1
569	Bloomfield	Deaths.....	162					4		4		1	15	2	15
570		Death rate..	1,258.9					31.1		31.1		7.8	116.6	15.5	116.6
571	Bridgeton	Deaths.....	176	1	1		3		3		2		16	2	14
572		Death rate..	1,308.5	7.4	7.4		22.3		22.3		14.9		119.0	14.9	104.1
573	Camden	Deaths.....	1,472	12			9	6	13	51	9	3	163	25	60
574		Death rate..	1,676.2	13.7			10.2	6.8	14.8	58.1	10.2	3.4	185.6	28.5	68.3
575	East Orange	Deaths.....	275	5	1			1	2	2	4	1	22	2	20
576		Death rate..	1,004.5	18.3	3.7			3.7	7.3	7.3	14.6	3.7	80.4	7.3	73.1
577	Elizabeth	Deaths.....	1,078	16			8	2	5	27	4	7	94	19	40
578		Death rate..	1,638.6	24.3			12.2	3.0	7.6	41.0	6.1	10.6	142.9	28.9	60.8
579	Hackensack	Deaths.....	168						1	4		2	11	2	10
580		Death rate..	1,389.5						8.3	33.1		16.5	91.0	16.5	82.7
581	Harrison	Deaths.....	223	1	3			5	6	2	1	2	24	6	6
582		Death rate..	1,575.1	7.1	21.2			35.3	42.4	14.1	7.1	14.1	169.5	42.4	42.4
583	Hoboken	Deaths.....	1,262	8			11	28	7	26	1	14	156	27	46
584		Death rate..	1,825.5	11.6			15.9	40.5	10.1	37.6	1.4	20.3	225.7	39.1	66.5

¹ Rates shown for all ages.

² Rates not shown for this cause; see note 2 on page 64.

PRINCIPAL CAUSES AND RATES.

CAUSES OF DEATH, FOR THE REGISTRATION AREA, ITS MAIN SUBDIVISIONS, THE REGISTRATION STATES, AND CITIES: 1908—Continued.

CAUSES OF DEATH—continued.																		
Tumor.	Dia-betes.	Menin-gitis.	Other diseases of nervous system.	Diseases of circulatory system.	Pneumonia (lobar and unqualified).	Other diseases of respiratory system.	Diarrhea and enteritis. ¹		Other diseases of digestive system.	Bright's disease and nephritis.	Child-birth. ²	Diseases of early infancy.	Suicide.	Acci-dent.	Ill-defined causes.	All other causes.	Cause un-known.	
							Under 2 years.	2 years and over.										
1	20	54	234	339	273	114	92	27	206	223	27	191	79	235	86	274	4	525
1	17	52	207	282	210	94	81	25	181	200	21	171	74	188	75	234	4	526
0.5	3	2	27	57	63	20	11	2	25	23	6	20	5	47	11	40		527
0.6	10.6	28.6	124.1	179.8	144.8	60.5	63.1		109.2	118.3	(?)	101.3	41.9	124.6	45.6	159.6	2.1	528
	10.1	30.9	123.0	167.6	124.8	55.9	63.0		107.6	118.9	(?)	101.6	44.0	111.7	44.6	151.6	2.4	529
	14.7	9.8	132.7	280.2	309.7	98.3	63.9		122.9	113.1	(?)	98.3	24.6	231.1	54.1	226.2		530
1	9	28	147	94	71	36	28	14	63	65	8	33	26	63	24	67		531
0.8	7.3	18.7	119.5	76.4	57.7	29.3	34.1		51.2	52.8	(?)	26.8	21.1	51.2	19.5	61.0		532
10	102	75	673	975	606	604	443	115	681	864	94	595	214	488	153	732	4	533
10	95	69	611	847	534	510	402	102	628	785	85	547	211	434	137	665	4	534
1.5	7	6	62	128	72	85	41	13	53	79	9	48	3	54	16	67		535
1.6	15.7	11.1	98.8	144.7	89.9	89.6	82.8		101.0	126.2	(?)	88.3	31.8	72.4	22.7	122.5	0.6	536
	15.0	10.9	96.7	134.0	84.5	82.1	79.7		99.4	124.2	(?)	86.6	33.4	68.7	21.7	118.7	0.6	537
	16.7	14.3	147.6	304.7	171.4	202.3	128.5		126.2	188.1	(?)	114.3	7.1	128.5	38.1	180.9		538
1	6	7	38	59	44	14	27	6	52	28	4	29	10	35	14	38	1	539
2.0	11.8	13.7	74.6	115.8	86.4	27.5	64.8		102.1	55.0	(?)	56.9	19.6	68.7	27.5	82.4	2.0	540
1	16	21	105	197	137	54	67	10	149	74	24	67	34	110	10	149		541
0.8	12.2	16.0	79.9	150.0	104.3	41.1	58.6		113.4	56.3	(?)	51.0	25.9	83.7	7.6	131.7		542
		14	8	9	17	16	27	1	8	6		18		6	13	7	3	543
		107.6	61.5	69.2	130.6	123.0	215.2		61.5	46.1		138.3		46.1	99.9	53.8	23.1	544
	9	4	73	89	23	17	7	11	17	26	3	15	3	16	4	32		545
	41.4	18.4	335.9	409.5	105.8	78.2	82.8		78.2	119.6	(?)	69.0	13.8	73.6	18.4	161.0		546
	1	2	26	24	20	5	15	3	12	25		9		10	8	16		547
	7.4	14.8	192.0	177.2	147.7	36.9	132.9		88.6	184.6		66.5		73.8	59.1	118.2		548
	1		18	24	9	7	5	1	15	3	2	9	1	7	1	22	2	549
	9.5		170.8	227.7	85.4	66.4	56.9		142.3	28.5	(?)	85.4	9.5	66.4	9.5	227.7	19.0	550
	2	4	19	13	7	3	8		12	11		6		8	7	13		551
	24.9	49.7	236.3	161.7	87.0	37.3	99.5		149.2	136.8		74.6		99.5	87.0	161.7		552
1	9	42	95	126	51	60	123	10	48	46	6	91	10	38	35	83	1	553
1.5	13.4	62.4	141.2	187.3	75.8	89.2	197.7		71.3	68.4	(?)	135.3	14.9	56.5	52.0	132.3	1.5	554
	2	13	38	55	22	35	27	3	17	16		35	2	77	12	36		555
	7.3	47.2	137.8	199.5	79.8	127.0	108.8		61.7	58.0		127.0	7.3	75.8	43.5	130.6		556
	4	1	23	36	11	8	7	1	11	12	2	7	1	17	3	7	1	557
	35.4	8.9	203.8	319.0	97.5	70.9	70.9		97.5	106.3	(?)	62.0	8.9	150.6	26.6	79.8	8.9	558
	3	3	16	14	3	12	4	2	2	10		6	3	4		8		559
	32.2	32.2	171.6	150.2	32.2	128.7	64.4		21.5	107.3		64.4	32.2	42.9		85.8		560
	7	7	52	87	51	21	30	4	50	77	5	29	10	36	15	54	1	561
	7	6	47	74	34	15	27	4	31	69	3	21	9	27	11	40	1	562
	16.1	16.1	119.7	200.2	117.4	48.3	78.3		115.1	177.2	(?)	66.7	23.0	82.9	34.5	135.8	2.3	563
	21.1	18.1	141.6	223.0	102.4	45.2	93.4		93.4	207.9	(?)	63.3	27.1	81.3	33.1	129.6	3.0	564
		9.8	48.8	126.8	165.8	58.5	29.3		185.3	78.0	(?)	78.0	9.8	87.8	39.0	156.0		565
	4	24	66	59	39	47	98	9	29	51	6	40	5	54	22	19		566
	8.3	50.0	137.5	123.0	81.3	97.9	223.0		60.4	106.3	(?)	83.4	10.4	112.5	45.8	52.1		567
	3	2	12	23	8	6	11	2	7	8		17		4	5	13		568
	23.3	15.5	93.3	178.7	62.2	46.6	101.0		54.4	62.2		132.1		31.1	38.9	101.0		569
	2	26	21	10	8		9	1	13	12		7	1	7	2	15		570
	14.9	193.3	155.1	74.3	59.5		74.3		96.6	89.2		52.0	7.4	52.0	14.9	111.5		571
1	6	27	131	146	138	57	58	14	81	120	13	90	9	107	46	75	2	572
1.1	6.8	30.7	149.2	166.3	157.1	64.9	82.0		92.2	136.6	(?)	102.5	10.2	121.8	52.4	100.2	2.3	573
	1	4	23	42	17	13	14	3	8	25	4	13	5	16	6	17	1	574
	3.7	14.6	95.0	153.4	62.1	47.5	62.1		29.2	91.3	(?)	47.5	18.3	58.4	21.9	76.7	3.7	575
	17	19	75	93	72	77	128	7	59	63	13	63	10	82	23	55		576
	25.8	28.9	114.0	141.4	109.4	117.0	205.2		89.7	95.8	(?)	95.8	15.2	124.6	35.0	103.4		577
		1	13	23	17	2	20	2	9	10	4	6	3	13	4	11		578
		8.3	107.5	190.2	140.6	16.5	132.0		74.4	82.7	(?)	49.6	24.8	107.5	33.1	124.1		579
	1	6	13	12	15	21	21	6	12	17	1	10	2	15	10	5		580
	7.1	42.4	91.8	84.8	105.9	148.3	190.7		84.8	120.1	(?)	70.6	14.1	105.9	70.6	42.4		581
1	10	30	97	115	111	74	108	8	65	76	18	44	26	72	19	63	1	582
1.4	14.5	43.4	140.3	166.4	160.6	107.0	167.8		94.0	109.9	(?)	63.6	37.6	104.2	27.5	117.2	1.4	583

¹Nonregistration state; cities stated below only those with effective local ordinances.

MORTALITY STATISTICS.

TABLE 3.—DEATHS (EXCLUSIVE OF STILLBIRTHS) AND DEATH RATES PER 100,000 OF POPULATION, FROM CERTAIN REGISTRATION

REGISTRATION AREA.	CAUSES OF DEATH.													
	All causes.	Typhoid fever.	Malarial fever.	Small-pox.	Measles.	Scarlet fever.	Whooping cough.	Diphtheria and croup.	Influenza.	All other epidemic diseases.	Tuberculosis of lungs.	Other forms of tuberculosis.	Cancer.	
REGISTRATION CITIES—Continued.														
NEW JERSEY—continued.														
585 Jersey City.....	Deaths.....	4,430	24	1		9	105	22	69	15	25	535	64	146
586	Death rate..	1,783.0	9.7	0.4		3.6	42.3	8.9	27.8	6.0	10.1	215.3	25.8	58.8
587 Kearny.....	Deaths.....	235	1			1	3	3	2	1	4	9	4	8
588	Death rate..	1,543.6	6.6			6.6	19.7	19.7	13.1	6.6	26.3	59.1	26.3	52.5
Long Branch:														
589 Total.....	Deaths.....	227	8					3	3	5	2	19	4	12
590 White.....	Deaths.....	189	6					1	3	4	2	14	4	11
591 Colored.....	Deaths.....	38	2					2		1		5		1
592 Total.....	Death rate..	1,718.5	60.6					22.7	22.7	37.9	15.1	143.8	30.3	90.8
593 White.....	Death rate..	1,612.2	51.2					8.5	25.6	34.1	17.1	119.4	34.1	93.8
594 Colored.....	Death rate..	2,557.2	134.6					134.6		67.3		336.5		67.3
595 Millville.....	Deaths.....	188				6	1		3		1	19	2	12
596	Death rate..	1,484.5				47.4	7.9		23.7	31.6	7.9	150.0	15.8	94.8
597 Montclair.....	Deaths.....	235	1			1	1			1		19	5	17
598	Death rate..	1,319.2	5.6			5.6	5.6			5.6		106.7	28.1	95.4
599 Morristown.....	Deaths.....	266	3				5	6	3	1	1	19	3	21
600	Death rate..	2,099.0	23.7				39.5	47.3	23.7	7.9	7.9	149.9	23.7	165.7
601 New Brunswick.....	Deaths.....	452	7					3	4	1		58	10	18
602	Death rate..	1,807.4	28.0					12.0	16.0	4.0		231.9	40.0	72.0
603 Newark.....	Deaths.....	5,236	37	1		24	91	41	63	23	49	676	132	229
604	Death rate..	1,731.9	12.2	0.3		7.9	30.1	13.6	20.8	7.6	16.2	223.6	43.7	75.7
605 Orange.....	Deaths.....	524	4	1		5	4	2	1	2	1	74	13	23
606	Death rate..	1,921.0	14.7	3.7		18.3	14.7	7.3	3.7	7.3	3.7	271.3	47.7	84.3
607 Passaic.....	Deaths.....	755	5				34	8	14	1	1	62	13	29
608	Death rate..	1,726.8	11.4				77.8	18.3	32.0	2.3	2.3	141.8	29.7	66.3
609 Paterson.....	Deaths.....	1,871	11	2		9	24	15	36	10	14	163	40	82
610	Death rate..	1,622.1	9.5	1.7		7.8	20.8	13.0	31.2	8.7	12.1	141.3	34.7	71.1
611 Perth Amboy.....	Deaths.....	394	7			7	4	15	9	1	2	26	1	12
612	Death rate..	1,278.7	22.7			22.7	13.0	48.7	29.2	3.2	6.5	84.4	3.2	38.9
613 Phillipsburg.....	Deaths.....	149	1			1	2	2	2	2	1	8	1	4
614	Death rate..	1,032.4	6.9			6.9	13.9	13.9	13.9	13.9	6.9	55.4	6.9	27.7
615 Plainfield.....	Deaths.....	334	9			2		2	4	1	1	39	5	27
616	Death rate..	1,643.1	44.3			9.8		9.8	19.7	4.9	4.9	191.9	24.6	132.8
617 Trenton.....	Deaths.....	1,626	48	1		26	1	14	13	17	16	167	20	63
618	Death rate..	1,792.7	52.9	1.1		28.7	1.1	15.4	14.3	18.7	17.6	184.1	22.0	69.5
619 Union.....	Deaths.....	294	3				10		5	3		27	8	22
620	Death rate..	1,624.8	16.6				55.3		27.6	16.6		149.2	44.2	121.6
621 West Hoboken.....	Deaths.....	402	1	1		1	8	1	12		3	50	5	17
622	Death rate..	1,230.3	3.1	3.1		3.1	24.5	3.1	36.7		9.2	153.0	15.3	52.0
NEW YORK.														
623 Albany.....	Deaths.....	1,845	12	1		13	39	9	31	36	2	207	20	132
624	Death rate..	1,845.0	12.0	1.0		13.0	39.0	9.0	31.0	36.0	2.0	207.0	20.0	132.0
625 Amsterdam.....	Deaths.....	410				5	3	5	10	4	4	32	8	18
626	Death rate..	1,646.5				20.1	12.0	20.1	40.2	16.1	16.1	128.5	32.1	72.3
627 Auburn.....	Deaths.....	492	17	2			1	5	1	3	3	48	13	26
628	Death rate..	1,454.1	50.2	5.9			3.0	14.8	3.0	8.9	8.9	141.9	38.4	76.8
629 Batavia.....	Deaths.....	180	3			3	1	1	3	1	2	14	3	12
630	Death rate..	1,670.7	27.8			27.8	9.3	9.3	27.8	9.3	18.6	129.9	27.8	111.4
631 Binghamton.....	Deaths.....	884	8	1		18	4	1	7	12	7	74	17	39
632	Death rate..	1,957.3	17.7	2.2		39.9	8.9	2.2	15.5	26.6	15.5	163.8	37.6	86.3
633 Buffalo.....	Deaths.....	6,231	81			34	100	48	84	64	55	518	96	311
634	Death rate..	1,591.0	20.7			8.7	25.5	12.3	21.4	16.3	14.0	132.3	24.5	79.4
635 Cohoes.....	Deaths.....	430	18			3	1	3	6	7	4	47	7	14
636	Death rate..	1,780.2	74.5			12.4	4.1	12.4	24.8	29.0	16.6	194.6	29.0	58.0
637 Corning.....	Deaths.....	233	13					4		1	2	16		15
638	Death rate..	1,567.7	87.5					26.9		6.7	13.5	107.6		100.9
639 Cortland.....	Deaths.....	179	1					4	1	3	1	10	4	11
640	Death rate..	1,467.0	8.2					32.8	8.2	24.6	8.2	82.0	32.8	90.1
641 Dunkirk.....	Deaths.....	242	2					6	2	3	2	14	7	14
642	Death rate..	1,395.2	11.5					34.6	11.5	17.3	11.5	80.7	40.4	80.7

¹ Rates shown for all ages.

PRINCIPAL CAUSES AND RATES.

CAUSES OF DEATH, FOR THE REGISTRATION AREA, ITS MAIN SUBDIVISIONS, THE REGISTRATION STATES, AND CITIES: 1908—Continued.

CAUSES OF DEATH—continued.																		
Tumor.	Dia- betes.	Menin- gitis.	Other diseases of nervous system.	Diseases of circula- tory system.	Pneu- monia (lobar and unqual- ified).	Other diseases of respi- ratory system.	Diarrhea and enteritis. ¹		Other diseases of digestive system.	Bright's disease and nephritis.	Child- birth. ²	Diseases of early infancy.	Suicide.	Acci- dent.	Ill- defined causes.	All other causes.	Cause un- known.	
							Under 2 years.	2 years and over.										
3 1.2	27 10.9	87 35.0	344 138.5	440 177.1	362 145.7	254 102.2	350 164.2	58	228 91.8	302 121.5	62 (²)	223 89.8	54 21.7	261 113.1	88 35.4	250 125.6	2 0.8	585 586
-----	4 26.3	5 32.8	45 295.6	35 229.9	11 72.3	13 85.4	9 78.8	3	14 92.0	17 111.7	2 (²)	7 46.0	-----	14 92.0	8 52.5	12 92.0	-----	587 588
-----	3 3	5 5	17 16	31 23	14 10	10 10	9 8	1	11 9	20 18	1 -----	13 12	3 3	19 17	4 3	10 6	-----	589 590
-----	22.7 25.6	37.9 42.7	128.7 196.2	234.7 196.2	106.0 85.3	75.7 85.3	75.7 76.8	-----	83.3 76.8	151.4 153.5	(²)	98.4 102.4	22.7 25.6	143.8 145.0	30.3 25.6	83.3 51.2	-----	592 593
-----	-----	-----	67.3 538.4	538.4	269.2	-----	67.3	-----	134.6	134.6	(²)	67.3	-----	134.6	67.3	336.5	-----	594
1 7.9	-----	-----	27 213.2	20 157.9	14 110.5	11 86.9	9 79.0	1	7 55.3	13 102.7	-----	6 47.4	1 7.9	6 47.4	9 71.1	15 118.4	-----	595 596
-----	2 11.2	1 5.6	26 146.0	30 168.4	24 134.7	15 84.2	8 67.4	4	15 84.2	12 67.4	3 (²)	19 106.7	1 5.6	17 95.4	2 11.2	11 78.6	-----	597 598
1 7.9	2 15.8	3 23.7	19 149.9	28 220.9	9 71.0	11 86.8	37 315.6	3	14 110.5	14 110.5	2 (²)	14 110.5	3 23.7	18 142.0	9 71.0	16 142.0	1 7.9	599 600
-----	5 20.0	9 36.0	35 140.0	46 183.9	24 96.0	22 88.0	40 183.9	6	20 80.0	22 88.0	10 (²)	33 132.0	2 8.0	32 128.0	16 64.0	28 152.0	1 4.0	601 602
-----	45 14.9	81 26.8	413 136.6	550 181.9	351 116.1	362 119.7	339 128.7	50	253 83.7	371 122.7	66 (²)	301 99.6	76 25.1	243 80.4	82 27.1	257 116.8	-----	603 604
-----	7 25.7	9 33.0	38 139.3	63 231.0	55 201.6	27 99.0	38 154.0	4	17 62.3	34 124.6	7 (²)	24 88.0	3 11.0	28 102.7	12 44.0	28 128.3	-----	605 606
2 4.6	2 4.6	10 22.9	51 116.6	46 105.2	49 112.1	83 189.8	86 205.8	4	29 66.3	46 105.2	9 (²)	55 125.8	5 11.4	57 130.4	12 27.4	42 116.6	-----	607 608
2 1.7	13 11.3	39 33.3	170 147.4	217 188.1	162 140.5	128 111.0	126 136.1	31	82 71.1	156 135.2	14 (²)	88 76.3	25 21.7	94 81.5	26 22.5	92 91.9	-----	609 610
-----	7 22.7	23 74.6	17 74.6	32 103.9	14 45.4	14 45.4	59 207.7	5	22 71.4	20 64.9	2 (²)	23 74.6	2 6.5	32 103.9	26 84.4	25 87.6	1 3.2	611 612
-----	5 34.6	1 6.9	24 106.3	14 97.0	14 97.0	6 41.6	2 13.9	-----	19 131.7	9 62.4	1 (²)	7 48.5	-----	10 69.3	6 41.6	7 55.4	-----	613 614
-----	2 9.8	3 14.8	31 152.5	40 196.8	23 113.1	12 59.0	15 88.6	3	21 103.3	23 113.1	3 (²)	16 78.7	3 14.8	19 93.5	5 24.6	25 137.7	-----	615 616
-----	9 9.9	24 26.5	194 213.9	146 161.0	123 135.6	114 125.7	111 140.0	16	67 73.9	90 99.2	15 (²)	96 105.8	20 22.0	77 84.9	24 26.5	114 142.2	-----	617 618
1 5.5	4 22.1	9 49.7	14 77.4	27 149.2	22 121.6	13 71.8	18 105.0	1	18 99.5	20 110.5	2 (²)	8 44.2	9 99.7	29 160.3	5 27.6	15 93.9	1 5.5	619 620
-----	4 12.2	2 6.1	31 94.9	40 122.4	31 94.9	20 61.2	31 104.1	3	19 58.2	39 119.4	3 (²)	16 49.0	9 27.5	17 52.0	13 39.8	24 82.6	1 3.1	621 622
2 2.0	11 11.0	22 22.0	167 167.0	300 300.0	100 100.0	93 93.0	61 78.0	17	100 100.0	175 175.0	14 (²)	54 54.0	18 18.0	102 102.0	22 22.0	85 99.0	-----	623 624
-----	3 12.0	5 20.1	47 188.7	52 208.8	36 144.6	18 72.3	40 180.7	5	18 72.3	21 84.3	10 (²)	16 64.3	3 12.0	20 80.3	5 20.1	22 128.5	-----	625 626
1 3.0	4 11.8	15 44.3	46 136.0	59 174.4	32 94.6	11 32.5	29 103.4	6	29 85.7	33 97.5	7 (²)	30 88.7	11 32.5	65 65.0	5 14.8	32 115.3	1 3.0	627 628
-----	2 18.6	2 18.6	17 157.8	19 176.4	17 157.8	6 55.7	7 65.0	-----	11 102.1	18 167.1	2 (²)	3 27.8	1 9.3	21 194.9	-----	11 120.7	-----	629 630
-----	10 22.1	23 50.9	96 212.6	142 314.4	55 121.8	39 86.3	48 121.8	7	46 101.8	60 132.8	5 (²)	36 79.7	10 22.1	46 101.8	10 22.1	63 150.6	-----	631 632
6 1.5	68 17.4	59 15.1	478 122.1	848 216.5	363 92.7	370 94.5	586 164.7	59	362 92.4	340 86.8	66 (²)	320 81.7	50 12.8	377 96.3	50 12.8	438 128.7	-----	633 634
1 4.1	1 4.1	20 82.8	31 128.3	44 182.2	22 91.1	35 144.9	31 144.9	4	26 107.6	22 91.1	3 (²)	24 99.4	-----	22 91.1	12 49.7	22 103.5	-----	635 636
-----	2 13.5	2 13.5	17 114.4	25 168.2	23 154.7	5 33.6	17 134.6	3	14 94.2	15 100.9	2 (²)	9 60.6	3 20.2	23 154.7	6 40.4	16 121.1	-----	637 638
2 16.4	1 8.2	1 8.2	25 204.9	22 180.3	11 90.1	5 41.0	5 49.2	1	14 114.7	16 131.1	-----	8 65.6	4 32.8	11 90.1	2 16.4	16 131.1	-----	639 640
1 5.8	-----	2 11.5	14 80.7	35 201.8	21 121.1	7 40.4	14 92.2	2	26 149.9	10 57.7	1 (²)	11 63.4	3 17.3	20 115.3	1 5.8	24 144.1	-----	641 642

*Rates not shown for this cause; see note 2 on page 64.

MORTALITY STATISTICS.

TABLE 3.—DEATHS (EXCLUSIVE OF STILLBIRTHS) AND DEATH RATES PER 100,000 OF POPULATION, FROM CERTAIN REGISTRATION

REGISTRATION AREA.	All causes.	CAUSES OF DEATH.														
		Typhoid fever.	Malarial fever.	Small-pox.	Measles.	Scarlet fever.	Whooping cough.	Diphtheria and croup.	Influenza.	All other epidemic diseases.	Tuberculosis of lungs.	Other forms of tuberculosis.	Cancer.			
REGISTRATION CITIES—Continued.																
NEW YORK—continued.																
643	Elmira..... Deaths.....	550	11			6				13		4	34	9	30	
644	Elmira..... Death rate..	1,538.3	30.8			16.8	5.6	14.0	16.8	36.4		11.2	95.1	25.2	83.9	
645	Geneva..... Deaths.....	152	4							2		2	10	3	10	
646	Geneva..... Death rate..	1,151.8	30.3							15.2		7.6	75.8	22.7	75.8	
647	Glens Falls..... Deaths.....	212	6					1		4		2	14	2	13	
648	Glens Falls..... Death rate..	1,335.8	37.8					6.3		25.2		12.6	88.2	12.6	81.9	
649	Gloversville..... Deaths.....	343	7						2	7		3	24	6	16	
650	Gloversville..... Death rate..	1,832.8	37.4						10.7	37.4		16.0	128.2	32.1	85.5	
651	Hornell..... Deaths.....	207	2									1	11	5	14	
652	Hornell..... Death rate..	1,491.4	14.4							21.6		7.2	79.3	36.0	100.9	
653	Hudson..... Deaths.....	166	2	1								4	18	7	4	
654	Hudson..... Death rate..	1,527.8	18.4	9.2								36.8	9.2	165.7	64.4	36.8
655	Ithaca..... Deaths.....	249	1			2	2			9		6	15	2	24	
656	Ithaca..... Death rate..	1,626.2	6.5			13.1	13.1			58.8		39.2	39.2	13.1	156.7	
657	Jamestown..... Deaths.....	310	5							1		7	24	9	21	
658	Jamestown..... Death rate..	1,112.2	17.9							3.6		25.1	3.6	86.1	32.3	75.3
659	Johnstown..... Deaths.....	122	1					3				4	7	2	11	
660	Johnstown..... Death rate..	1,278.0	10.5					31.4				41.9	10.5	73.3	21.0	115.2
661	Kingston..... Deaths.....	444	6	1		2	2			8		7	39	3	26	
662	Kingston..... Death rate..	1,712.0	23.1	3.9		7.7	7.7			30.8		27.0	19.3	150.4	11.6	100.3
663	Little Falls..... Deaths.....	138	4					1		2			16	3	2	
664	Little Falls..... Death rate..	1,207.2	35.0					8.7	8.7	17.5			140.0	26.2	17.5	
665	Lockport..... Deaths.....	248	10			1	1			2		6	28	6	7	
666	Lockport..... Death rate..	1,382.8	55.8			5.6	5.6	5.6	5.6	11.2		33.5	11.2	156.1	33.5	39.0
667	Middletown..... Deaths.....	356	7							1		9	35	5	18	
668	Middletown..... Death rate..	2,173.6	42.7							6.1		55.0	12.2	213.7	30.5	109.9
669	Mt. Vernon..... Deaths.....	387	2	1		9	4			2		2	3	7	22	
670	Mt. Vernon..... Death rate..	1,425.4	7.4	3.7		33.1	14.7	11.0		7.4		7.4	11.0	136.3	25.8	81.0
671	New Rochelle..... Deaths.....	328	7			2	4			7		2	1	25	9	18
672	New Rochelle..... Death rate..	1,379.0	29.4			8.4	16.8			29.4		8.4	4.2	105.1	37.8	75.7
673	New York (total)..... Deaths.....	72,995	535	33	1	578	1,355	173	1,711	321		367	8,319	1,352	3,269	
674	Bronx borough..... Deaths.....	6,323	37	5		193	136	17	157	19		22	1,499	108	301	
675	Brooklyn borough..... Deaths.....	23,900	209	16	1	275	469	42	544	126		109	2,505	377	1,025	
676	Manhattan borough..... Deaths.....	37,707	250	7		385	696	98	903	156		219	4,362	803	1,732	
677	Queens borough..... Deaths.....	3,569	32	3		19	49	11	87	13		14	282	41	153	
678	Richmond borough..... Deaths.....	1,496	7	2		6	5	5	20	7		3	171	23	58	
679	New York (white)..... Deaths.....	70,538	518	32	1	559	1,347	160	1,674	302		358	8,324	1,275	3,208	
680	Bronx borough..... Deaths.....	6,124	37	5		188	136	17	154	19		22	1,435	99	291	
681	Brooklyn borough..... Deaths.....	23,294	204	15	1	273	468	38	537	119		106	2,413	361	1,006	
682	Manhattan borough..... Deaths.....	36,178	238	7		373	690	91	882	145		214	4,039	753	1,703	
683	Queens borough..... Deaths.....	3,491	32	3		19	48	10	84	12		14	273	39	152	
684	Richmond borough..... Deaths.....	1,451	7	2		6	5	4	17	7		2	164	23	56	
685	New York (colored)..... Deaths.....	2,457	17	1		19	8	13	37	19		9	495	77	61	
686	Bronx borough..... Deaths.....	199				5			3				64	9	10	
687	Brooklyn borough..... Deaths.....	606	5	1		2	1	4	7	7		3	92	16	19	
688	Manhattan borough..... Deaths.....	1,529	12			12	6	7	21	11		5	323	60	29	
689	Queens borough..... Deaths.....	78				1		1	3	1			9	2	1	
690	Richmond borough..... Deaths.....	45						1	3				7		2	
691	New York (total)..... Death rate..	1,682.6	12.3	0.8	(*)	20.2	31.2	4.0	39.4	7.4		8.5	203.3	31.2	75.4	
692	Bronx borough..... Death rate..	2,012.1	11.8	1.6		61.4	43.3	5.4	50.0	6.0		7.0	477.0	34.4	95.8	
693	Brooklyn borough..... Death rate..	1,627.8	14.2	1.1	0.1	18.7	31.9	2.9	37.1	8.6		7.4	170.6	25.7	69.8	
694	Manhattan borough..... Death rate..	1,672.4	11.1	0.3		17.1	30.9	4.3	40.1	6.9		9.7	193.5	35.6	76.8	
695	Queens borough..... Death rate..	1,588.1	14.2	1.3		8.5	21.8	4.9	38.7	5.8		6.2	125.5	18.2	68.1	
696	Richmond borough..... Death rate..	1,955.8	9.2	2.6		7.8	6.5	6.5	26.1	9.2		3.9	223.6	30.1	75.8	
697	New York (white)..... Death rate..	1,658.4	12.2	0.8	(*)	20.2	31.7	3.8	39.4	7.1		8.4	195.7	30.0	75.4	
698	Bronx borough..... Death rate..	1,974.6	11.9	1.6		60.6	43.9	5.5	49.7	6.1		7.1	462.7	31.9	93.8	
699	Brooklyn borough..... Death rate..	1,614.0	14.1	1.0	0.1	18.9	32.4	2.6	37.2	8.2		7.3	167.2	25.0	69.7	
700	Manhattan borough..... Death rate..	1,641.3	10.8	0.3		16.9	31.3	4.1	40.0	6.6		9.7	183.2	34.2	77.3	
701	Queens borough..... Death rate..	1,582.2	14.5	1.4		8.6	21.8	4.5	38.1	5.4		6.3	123.7	17.7	68.9	
702	Richmond borough..... Death rate..	1,930.6	9.3	2.7		8.0	6.7	5.3	22.6	9.3		2.7	218.2	30.6	74.5	
703	New York (colored)..... Death rate..	2,892.3	20.0	1.2		22.4	9.4	15.3	43.6	22.4		10.6	582.7	90.6	71.8	
704	Bronx borough..... Death rate..	4,857.2				122.0			73.2				1,562.1	219.7	244.1	
705	Brooklyn borough..... Death rate..	2,426.1	20.0	4.0		8.0	4.0	16.0	28.0	28.0		12.0	368.3	64.1	76.1	
706	Manhattan borough..... Death rate..	3,030.7	23.3			23.8	11.9	13.9	41.6	21.8		9.9	640.2	99.1	87.5	
707	Queens borough..... Death rate..	1,905.7					24.4	24.4	73.3	24.4			219.9	48.9	24.4	
708	Richmond borough..... Death rate..	3,380.9						75.1	225.4			75.1	525.9		150.3	
709	Newburg..... Deaths.....	437	11	1			1	1	9	3		2	36	4	20	
710	Newburg..... Death rate..	1,610.0	40.5	3.7	3.7		3.7	3.7	33.2	11.1		7.4	132.6	14.7	73.7	

¹ Rates shown for all ages.

² Rates not shown for this cause; see note 2 on page 64.

PRINCIPAL CAUSES AND RATES.

CAUSES OF DEATH, FOR THE REGISTRATION AREA, ITS MAIN SUBDIVISIONS, THE REGISTRATION STATES, AND CITIES: 1908—Continued.

CAUSES OF DEATH—continued.																		
Tumor.	Dia- betes.	Menin- gitis.	Other diseases of nervous system.	Diseases of cir- culatory system.	Pneu- monia (lo- bar and unquali- fied).	Other diseases of respi- ratory system.	Diarrhea and enteritis. ¹		Other diseases of digestive system.	Bright's disease and nephritis.	Child- birth. ²	Diseases of early infancy.	Suicide.	Acci- dent.	Ill- defined causes.	All other causes.	Cause un- known.	
							Under 2 years.	2 years and over.										
2	5	7	60	76	25	26	22	12	24	61	10	21	3	34	1	41	643	
5.6	14.0	19.6	167.8	212.6	69.9	72.7	95.1		67.1	170.6	(²)	58.7	8.4	95.1	2.8	142.6	644	
3	2	13	28	6	8	4	2	10	13	2	1	2	11	1	14	645		
22.7	15.2	98.5	212.2	45.5	60.6	45.5		75.8	98.5	(²)	7.6	15.2	83.4	7.6	121.2	646		
4	1	27	31	7	10	9	3	18	7	1	11	3	20		18	647		
25.2	6.3	170.1	195.3	44.1	63.0	75.6		113.4	44.1	(²)	69.3	18.9	126.0		119.7	648		
6	6	47	40	26	17	8	5	17	25	4	13	2	9	3	43	649		
32.1	32.1	251.1	213.7	138.9	90.8	69.5		90.8	133.6	(²)	69.5	10.7	48.1	16.0	251.1	650		
5	3	13	39	17	3	7	4	17	16	1	8	3	16		11	651		
36.0	21.6	93.7	281.0	122.5	21.6	79.3		122.5	115.3	(²)	57.6	21.6	115.3		86.5	652		
1		16	22	13	5	12	2	8	22	1	7		7		13	653		
9.2		147.3	202.5	119.7	46.0	128.9		73.6	202.5	(²)	64.4		64.4		128.9	654		
1	1	23	40	11	6	12	3	17	18	2	12	1	8	3	24	655		
6.5	6.5	150.2	261.2	71.8	39.2	98.0		111.0	117.6	(²)	78.4	6.5	52.2	19.6	169.8	656		
3	7	37	49	13	11	10	5	27	18	2	16	1	17	1	25	657		
10.8	25.1	132.7	175.8	46.6	39.5	58.8		96.9	64.6	(²)	57.4	3.6	61.0	3.6	96.9	658		
2	3	8	23	7	14	8	2	4	4	1	2		4	2	9	659		
21.0	31.4	83.8	240.9	73.3	146.7	104.8		41.9	41.9	(²)	21.0		41.9	21.0	104.8	660		
1	4	8	69	47	34	11	4	26	22	4	24	5	25	6	29	661		
3.9	15.4	30.8	266.0	181.2	131.1	57.8		100.3	84.8	(²)	92.5	19.3	96.4	23.1	127.2	662		
1	6	13	19	7	6	3	1	6	10		4	2	15	5	11	663		
8.7	52.5	113.7	166.2	61.2	52.5	35.0		52.5	87.5		35.0	17.5	131.2	43.7	96.2	664		
1	2	1	24	44	17	8	4	12	7		12	4	22	5	16	665		
5.6	11.2	5.6	133.8	245.3	94.8	44.6		50.2	66.9		66.9	22.3	122.7	27.9	89.2	666		
1	4	3	41	53	20	23	6	19	25	4	12	7	23	4	26	667		
6.1	24.4	18.3	250.3	323.6	122.1	140.4		85.5	116.0	(²)	73.3	42.7	140.4	24.4	183.2	668		
3	7	28	51	24	19	43	1	22	23	3	15	10	27	6	13	669		
11.0	25.8	103.1	187.8	88.4	70.0	162.1		81.0	84.7	(²)	55.2	36.8	99.4	22.1	58.9	670		
1	6	4	26	28	19	25	4	12	17	3	23	7	30	7	17	671		
4.2	25.2	16.8	109.3	117.7	79.9	105.1		117.7	50.4	(²)	96.7	29.4	126.1	29.4	84.1	672		
25	741	655	4,303	7,680	4,961	6,197	6,154	518	2,956	6,319	772	3,575	997	4,083	720	3,571	4	673
2	63	45	325	612	320	319	387	40	246	524	56	234	79	290	45	241	1	674
6	225	182	1,585	2,925	1,715	2,223	2,174	206	1,028	2,045	264	859	272	1,209	50	1,226	3	675
16	389	373	2,053	3,617	2,606	3,303	3,063	224	1,445	3,269	394	2,232	556	2,175	527	1,849	6	676
42	41	249	371	230	260	260	371	36	170	325	42	175	62	260	50	181	6	677
1	22	14	86	155	90	87	159	12	67	156	16	75	28	99	48	74	7	678
25	731	633	4,179	7,425	4,775	5,984	5,971	508	2,898	6,158	739	3,416	981	3,929	679	3,445	4	679
2	63	43	317	590	312	313	242	37	242	509	54	230	79	256	43	226	1	680
6	223	177	1,546	2,837	1,659	2,167	2,123	201	1,013	2,019	253	832	267	1,181	49	1,197	3	681
16	381	359	1,986	3,483	2,493	3,166	2,957	222	1,411	3,159	375	2,111	546	2,112	493	1,773	6	682
42	40	246	362	223	252	262	361	36	169	319	41	170	62	254	50	178	8	683
1	22	14	84	153	88	86	156	12	63	152	16	73	27	96	44	71	10	684
10	22	124	255	186	213	183	10	58	161	33	159	16	104	41	126		685	
2	2	8	22	8	6	13	3	4	15	2	4		4	2	15		686	
2	5	39	88	56	61	51	5	15	26	11	27	5	28	1	29		687	
8	14	72	134	113	137	106	2	34	110	19	121	10	63	34	76		688	
	1	3	9	7	8	10		1	6		1	5		6	3		689	
		2	2	2	1	3		4	4		2	1		3	3		690	
0.6	17.1	15.1	99.2	177.0	114.4	142.8		153.8	68.1	145.7	(²)	82.4	23.0	93.0	16.6	100.1	0.1	691
0.6	20.0	14.3	103.4	194.8	101.8	101.5		135.9	78.3	166.7	(²)	74.5	25.1	92.3	14.3	94.5	0.3	692
0.4	15.3	12.4	108.0	199.2	116.8	151.7		162.1	70.0	139.3	(²)	58.5	18.5	82.3	3.4	101.5	0.2	693
0.7	17.3	16.5	91.3	160.4	115.6	146.5		145.8	64.1	145.0	(²)	99.0	24.7	96.5	23.4	99.5		694
1.3	18.7	18.2	110.8	165.1	102.3	115.7		181.1	75.6	144.6	(²)	77.9	27.6	115.7	22.2	99.2		695
	28.8	18.3	112.4	202.6	117.7	113.7		223.6	87.6	203.9	(²)	98.1	36.6	129.4	62.8	117.7		696
0.6	17.2	14.9	98.3	174.6	112.3	140.7		152.3	68.1	144.8	(²)	80.3	23.1	92.4	16.0	98.4	0.1	697
0.6	20.3	13.9	102.2	190.2	100.6	100.9		132.5	78.0	164.1	(²)	74.2	25.5	92.2	13.9	90.3	0.3	698
0.4	15.5	12.3	107.1	196.6	114.9	150.1		161.0	70.2	139.9	(²)	57.6	18.5	81.8	3.4	100.5	0.2	699
0.7	17.3	16.3	90.1	158.0	113.1	143.6		144.2	64.0	143.3	(²)	95.8	24.8	95.8	22.4	97.5		700
1.3	19.0	18.1	111.5	164.1	101.1	114.2		179.9	76.6	144.6	(²)	77.0	28.1	115.1	22.7	99.3		701
	29.3	18.6	111.8	203.6	117.1	114.4		223.5	83.8	202.2	(²)	97.1	35.9	127.7	58.5	115.8		702
11.8	25.9	146.0	300.2	219.0	250.7	227.2		68.3	180.5	(²)	187.2	18.8	122.4	48.3	187.2		703	
	48.8	195.3	537.0	195.3	146.4	390.5		97.6	366.1	(²)	97.6		97.6	48.8	414.9		704	
8.0	20.9	156.1	352.3	224.2	244.2	224.2		204.2	104.1	(²)	108.1	20.0	112.1	4.0	160.1		705	
15.9	27.8	142.7	265.6	224.0	271.6	214.1		67.4	218.0	(²)	239.8	19.8	124.9	67.4	188.3		706	
	24.4	73.3	219.9	171.0	195.5	244.3		24.4	146.6	(²)	122.2		146.6	97.7		707		
		150.3	150.3	150.3	150.3	75.1		225.4	300.5	(²)	150.3	75.1	225.4	300.5	225.4		708	
	3	14	47	51	28	16	21	4	21	49	11	17	2	43	18		709	
11.1	51.6	173.2	187.9	103.2	103.2	58.9	92.1		77.4	180.5	(²)	62.6	7.4	158.4	11.1	106.8		710

¹ Less than one-tenth.

MORTALITY STATISTICS.

TABLE 3.—DEATHS (EXCLUSIVE OF STILLBIRTHS) AND DEATH RATES PER 100,000 OF POPULATION, FROM CERTAIN REGISTRATION

REGISTRATION AREA.	CAUSES OF DEATH.												
	All causes.	Typhoid fever.	Malaria fever.	Small-pox.	Measles.	Scarlet fever.	Whooping cough.	Diphtheria and croup.	Influenza.	All other epidemic diseases.	Tuberculosis of lungs.	Other forms of tuberculosis.	Cancer.
REGISTRATION CITIES—Continued.													
NEW YORK—continued.													
711 Niagara Falls.....	Deaths.....	451	30		6	2	2	12	4	4	25	7	14
712	Death rate..	1,473.0	98.0		19.6	6.5	6.5	39.2	13.1	13.1	81.7	22.9	45.7
713 North Tonawanda.....	Deaths.....	149	6			1	2	1	1		10	2	5
714	Death rate..	1,383.0	55.7			9.3	18.6	9.3	9.3		92.8	18.6	46.4
715 Ogdensburg.....	Deaths.....	399	5			1		2	7	5	29	5	13
716	Death rate..	2,678.9	33.6			6.7		13.4	47.0	33.6	194.7	33.6	87.3
717 Olean.....	Deaths.....	140	3					4	2	2	10		8
718	Death rate..	1,340.0	28.7					38.3	19.1	19.1	95.7		76.6
719 Oswego.....	Deaths.....	375	14					4	4	5	25	8	17
720	Death rate..	1,667.3	62.2					17.8	17.8	22.2	111.2	35.6	75.6
721 Peekskill.....	Deaths.....	254	30	1		4		5	2	1	31	4	10
722	Death rate..	1,704.2	201.3	6.7		26.8		33.5	13.4	6.7	208.0	26.8	67.1
723 Plattsburg.....	Deaths.....	121						2	5	1	8	1	7
724	Death rate..	1,088.6						18.0	45.0	9.0	72.0	9.0	63.0
725 Port Jervis.....	Deaths.....	165						2	3	1	15	1	3
726	Death rate..	1,669.9						20.2	30.2	10.1	151.8	10.1	30.4
727 Poughkeepsie.....	Deaths.....	505	9			1		4	1	2	44	3	32
728	Death rate..	1,956.2	34.9			3.9		15.5	3.9	7.7	170.4	11.6	124.0
729 Rochester.....	Deaths.....	2,812	23			17	19	6	54	23	272	50	175
730	Death rate..	1,456.2	11.9			8.8	9.8	3.1	28.0	14.5	140.9	25.9	90.6
731 Rome.....	Deaths.....	389	7			1	1	2	2	11	55	9	10
732	Death rate..	2,100.4	37.8			5.4	5.4	10.8	10.8	59.4	297.0	48.6	54.0
733 Saratoga Springs.....	Deaths.....	256	3					1	3	2	28	3	12
734	Death rate..	1,917.2	22.5					7.5	7.5	15.0	209.7	22.5	89.9
735 Schenectady.....	Deaths.....	923	8	1		4	38	8	20	8	67	12	35
736	Death rate..	1,331.3	11.5	1.4		5.8	54.8	11.5	28.8	11.5	96.6	17.3	50.5
737 Syracuse.....	Deaths.....	2,043	19	2		12	2	10	25	19	155	35	96
738	Death rate..	1,652.8	15.4	1.6		9.7	1.6	8.1	20.2	15.4	125.4	28.3	77.7
739 Troy.....	Deaths.....	1,541	27			12	3	2	15	38	196	24	72
740	Death rate..	2,001.3	35.1			15.6	3.9	2.6	19.5	49.4	254.5	31.2	93.5
741 Utica.....	Deaths.....	1,397	14			6		18	8	8	136	30	68
742	Death rate..	2,054.3	20.6			8.8		26.5	11.8	11.8	203.0	44.1	100.0
743 Watertown.....	Deaths.....	410	12					1	2	4	22	5	24
744	Death rate..	1,495.0	43.8					3.6	7.3	14.6	80.2	18.2	37.5
745 Watervliet.....	Deaths.....	250	6			1	5	1	11	6	28	3	12
746	Death rate..	1,715.0	41.2			6.9	34.3	6.9	75.5	41.2	192.1	20.6	32.3
747 Yonkers.....	Deaths.....	1,073	7	1		6	29	12	17	5	117	29	43
748	Death rate..	1,543.8	10.1	1.4		8.6	41.7	17.3	24.5	7.2	168.3	41.7	61.9
NORTH CAROLINA. ³													
749 Raleigh:	Total.....	455	18					2	2	12	5	65	12
750	White.....	243	8	1					2	10	3	20	5
751	Colored.....	212	10					2	2	2	45	7	6
752	Total.....	3,156.2	124.9	6.9				13.9	13.9	33.2	34.7	450.9	83.2
753	White.....	2,908.2	95.6	11.9				23.9	23.9	119.5	35.8	238.9	59.7
754	Colored.....	3,506.5	165.4					33.1	33.1	33.1	744.3	115.8	99.2
755 Wilmington:	Total.....	582	14			5		1	2	25	8	66	2
756	White.....	240	10	5		3		1	2	6	4	22	1
757	Colored.....	342	4	9		2				19	4	44	1
758	Total.....	2,780.5	64.5	64.5		23.0		4.6	9.2	115.1	36.8	304.0	9.2
759	White.....	2,196.6	91.5	45.8		27.5		9.2	18.3	54.9	36.6	201.4	9.2
760	Colored.....	3,170.8	37.1	83.4		18.5				176.2	37.1	407.9	9.3
OHIO. ³													
761 Ashtabula.....	Deaths.....	235	14			2	3		2	1	13	3	6
762	Death rate..	1,447.3	86.2			12.3	18.5		12.3	6.2	80.1	18.5	37.0
763 Bellaire.....	Deaths.....	190	3			1			7	1	30		5
764	Death rate..	1,741.2	27.5			9.2			64.1	9.2	274.9		45.8
765 Canton.....	Deaths.....	444	8			4	4	5	4	6	38	7	30
766	Death rate..	1,123.9	20.3			10.1	10.1	12.7	10.1	15.2	96.2	17.7	75.9
767 Chillicothe.....	Deaths.....	217	7					1	9	4	37	3	10
768	Death rate..	1,614.7	48.9					7.0	62.8	27.9	258.3	20.9	69.8

¹ Rates shown for all ages.

² Rates not shown for this cause; see note 2 on page 64.

PRINCIPAL CAUSES AND RATES.

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CAUSES OF DEATH, FOR THE REGISTRATION AREA, ITS MAIN SUBDIVISIONS, THE REGISTRATION STATES, AND CITIES: 1908—Continued.

CAUSES OF DEATH—continued.																		
Tumor.	Dia- betes.	Menin- gitis.	Other diseases of nervous system.	Diseases of circulatory system.	Pneu- monia (lobar and unquali- fied).	Other diseases of respi- ratory system.	Diarrhea and enteritis. ¹		Other diseases of digestive system.	Bright's disease and nephritis.	Child- birth. ²	Diseases of early infancy.	Suicide.	Acci- dent.	Ill- defined causes.	All other causes.	Cause un- known.	
							Under 2 years.	2 years and over.										
-----	3	13	23	44	36	24	40	4	22	15	2	32	11	31	8	37	711	
-----	9.8	42.5	75.1	143.7	117.6	78.4	143.7		71.9	49.0	(³)	104.5	35.9	101.3	26.1	127.4	712	
-----	1	2	10	17	17	9	12	-----	10	6	1	8	2	12	2	10	713	
-----	9.3	18.6	18.6	92.8	157.8	83.5	111.4		92.8	55.7	(³)	74.3	18.6	111.4	18.6	102.1	714	
-----	7	7	51	64	38	19	19	13	20	27	-----	12	-----	17	9	29	715	
-----	47.0	47.0	342.4	429.7	255.1	127.6	214.9		134.3	181.3	-----	80.6	-----	114.1	60.4	194.7	716	
-----	3	3	6	18	7	7	6	-----	10	9	4	16	2	10	3	7	717	
-----	28.7	28.7	57.4	172.3	67.0	67.0	57.4		95.7	86.1	(³)	153.1	19.1	95.7	28.7	105.3	718	
-----	3	5	51	62	24	9	18	6	20	22	4	24	1	23	4	22	719	
-----	13.3	22.2	226.8	275.7	106.7	40.0	106.7		88.9	97.8	(³)	106.7	4.4	102.3	17.8	115.6	720	
-----	1	1	25	23	15	17	18	1	8	14	2	7	-----	16	1	9	721	
-----	6.7	6.7	167.7	154.3	100.6	114.1	127.5		53.7	93.9	(³)	47.0	-----	107.4	6.7	73.8	722	
-----	1	-----	13	19	4	2	10	2	7	2	-----	14	1	10	2	10	723	
-----	9.0	-----	117.0	170.9	36.0	18.0	108.0		63.0	18.0	-----	126.0	9.0	90.0	18.0	90.0	724	
-----	1	2	16	20	11	9	12	4	12	12	2	11	2	10	2	12	725	
-----	10.1	20.2	161.9	202.4	111.3	91.1	161.9		121.4	121.4	(³)	111.3	20.2	101.2	20.2	141.7	726	
-----	8	4	60	71	42	28	36	7	30	30	4	12	1	37	2	31	727	
-----	31.0	15.5	232.4	275.0	162.7	108.5	166.6		116.2	116.2	(³)	46.5	3.9	143.3	7.7	135.6	728	
-----	1	36	29	252	389	139	172	34	195	219	33	58	41	141	30	209	729	
-----	0.5	18.6	15.0	130.5	201.4	72.0	106.7		101.0	113.4	(³)	30.0	21.2	73.0	15.5	125.3	730	
-----	6	3	35	49	33	11	18	2	31	26	3	8	3	25	5	30	731	
-----	32.4	16.2	189.0	264.6	178.2	59.4	108.0		167.4	140.4	(³)	43.2	16.2	135.0	27.0	178.2	732	
-----	3	1	26	39	11	16	9	4	15	33	4	7	2	17	1	13	733	
-----	22.5	7.5	194.7	292.1	82.4	119.8	97.4		112.3	247.1	(³)	52.4	15.0	127.3	7.5	127.3	734	
-----	8	11	69	94	53	55	89	8	53	53	15	66	14	64	14	53	735	
-----	11.5	15.9	99.5	135.6	76.4	79.3	139.9		76.4	76.4	(³)	95.2	20.2	92.3	20.2	98.1	736	
-----	2	19	21	196	310	106	89	14	122	135	17	123	12	137	18	177	737	
-----	1.6	15.4	17.0	158.6	250.8	85.8	140.8		98.7	109.2	(³)	99.5	9.7	110.8	14.6	156.9	738	
-----	1	17	20	101	239	74	84	16	93	88	5	111	5	59	50	83	739	
-----	1.3	22.1	26.0	131.2	310.4	96.1	111.7		120.8	114.3	(³)	144.2	6.5	76.6	64.9	114.3	740	
-----	1	13	34	127	192	102	109	7	92	94	7	89	12	66	20	86	741	
-----	1.5	19.1	50.0	186.8	282.3	150.0	170.6		135.3	133.2	(³)	101.5	17.6	97.1	29.4	136.8	742	
-----	1	4	10	32	79	12	20	5	27	18	9	24	6	18	-----	41	743	
-----	3.6	14.6	36.5	116.7	238.1	43.8	91.2		98.5	65.6	(³)	87.5	21.9	65.6	-----	132.3	744	
-----	1	1	3	21	34	12	11	2	16	15	2	10	1	9	5	10	745	
-----	6.9	6.9	20.6	144.1	233.2	82.3	89.2		109.8	102.9	(³)	68.6	6.9	61.7	34.3	82.3	746	
-----	1	17	58	99	66	56	148	9	57	81	14	50	10	81	1	54	747	
-----	1.4	24.5	83.4	142.4	95.0	80.6	225.9		82.0	116.5	(³)	71.9	14.4	116.5	1.4	97.8	748	
-----	-----	4	46	40	24	15	23	16	31	25	5	17	1	20	8	31	749	
-----	-----	4	32	23	8	9	12	13	24	21	3	8	1	5	4	18	750	
-----	-----	4	14	17	16	6	11	3	7	4	2	9	-----	15	4	13	751	
-----	-----	27.7	319.1	277.5	166.5	104.1	270.5		215.0	173.4	(³)	117.9	6.9	133.7	55.5	249.7	752	
-----	-----	-----	332.3	274.8	95.6	107.5	238.7		236.7	250.9	(³)	95.6	11.9	59.7	47.8	250.9	753	
-----	-----	66.2	231.6	281.2	264.6	99.2	231.6		115.8	66.2	(³)	143.9	-----	248.1	66.2	248.1	754	
-----	2	11	52	60	26	16	49	5	35	46	7	23	3	25	24	42	755	
-----	1	8	15	20	10	7	16	1	15	26	3	13	2	7	7	22	756	
-----	1	3	37	40	16	9	33	4	20	20	4	10	1	18	17	20	757	
-----	9.2	50.7	239.5	276.3	119.7	73.7	243.7		161.2	211.9	(³)	105.9	13.8	115.1	110.5	225.7	758	
-----	9.2	73.2	137.3	183.0	91.5	64.1	155.6		137.3	233.0	(³)	119.0	18.3	64.1	64.1	223.8	759	
-----	9.3	27.8	343.0	370.9	148.3	83.4	343.0		185.4	185.4	(³)	92.7	9.3	166.9	157.6	222.5	760	
-----	1	8	23	21	29	1	8	2	17	6	2	15	2	15	14	24	761	
-----	6.2	49.3	141.7	129.3	178.6	6.2	61.6		104.7	37.0	(³)	92.4	12.3	92.4	86.2	160.1	762	
-----	1	3	14	17	18	6	7	4	9	3	-----	6	8	18	13	15	763	
-----	9.2	-----	128.3	155.8	165.0	55.0	100.8		82.5	27.5	-----	55.0	73.3	165.0	119.1	137.5	764	
-----	9	9	53	63	30	13	24	1	20	11	2	19	10	24	14	35	765	
-----	22.8	22.8	134.2	139.5	75.9	32.9	63.3		50.6	27.8	(³)	48.1	25.3	60.8	35.4	93.7	766	
-----	1	2	21	22	9	7	4	2	12	13	-----	5	3	13	5	20	767	
-----	7.0	14.0	14.0	146.6	153.6	62.8	41.9		83.8	90.7	-----	34.9	20.9	90.7	34.9	139.6	768	

³ Nonregistration state; cities stated below only those with effective local ordinances.

MORTALITY STATISTICS.

TABLE 3.—DEATHS (EXCLUSIVE OF STILLBIRTHS) AND DEATH RATES PER 100,000 OF POPULATION, FROM CERTAIN REGISTRATION

REGISTRATION AREA.		CAUSES OF DEATH.													
		All causes.	Typhoid fever.	Malarial fever.	Small-pox.	Measles.	Scarlet fever.	Whooping cough.	Diphtheria and croup.	Influenza.	All other epidemic diseases.	Tuberculosis of lungs.	Other forms of tuberculosis.	Cancer.	
REGISTRATION CITIES—Continued.															
OHIO ² —continued.															
Cincinnati:															
769	Total	Deaths.....	6,450	65	3	3	54	31	29	57	131	47	884	111	344
770	White	Deaths.....	5,798	58	3	3	53	31	27	56	120	43	717	95	327
771	Colored	Deaths.....	652	7			1		2	1	11	4	167	16	17
772	Total	Death rate.....	1,846.5	18.6	0.9	0.9	15.5	8.9	8.3	16.3	37.5	13.5	253.1	31.8	98.5
773	White	Death rate.....	1,737.1	17.4	0.9	0.9	15.9	9.3	8.1	16.8	36.0	12.9	214.8	28.5	98.0
774	Colored	Death rate.....	4,195.6	45.0			6.4		12.9	6.4	70.8	25.7	1,074.6	103.0	109.4
775	Cleveland	Deaths.....	6,994	62	4		42	36	35	86	55	30	624	76	353
776		Death rate.....	1,423.3	12.6	0.8		8.5	7.3	7.1	17.5	11.2	6.1	127.0	15.5	71.8
777	Columbus	Deaths.....	2,489	168	1		5	1	15	14	31	12	282	49	135
778		Death rate.....	1,637.2	110.5	0.7		3.3	0.7	9.9	9.2	20.4	7.9	185.5	32.2	88.8
779	Dayton	Deaths.....	1,461	18			2	4	17	8	16	9	185	23	93
780		Death rate.....	1,366.7	16.8			1.9	3.7	15.9	7.5	15.0	8.4	173.1	21.5	87.0
781	Findlay	Deaths.....	172					1	4		2	1	23		15
782		Death rate.....	976.6					5.7	22.7		11.4	5.7	130.6		85.2
783	Hamilton	Deaths.....	475	9			2		6	5	6	4	57	6	25
784		Death rate.....	1,642.3	31.1			6.9		20.7	17.3	20.7	13.8	197.1	20.7	86.4
785	Ironton	Deaths.....	143	9	1				1	1	1		16	2	7
786		Death rate.....	1,163.6	73.2	8.1				8.1	8.1	8.1		130.2	16.3	57.0
787	Lima	Deaths.....	331	4			1	2	4	2	5	5	37	2	16
788		Death rate.....	1,141.0	13.8			3.4	6.9	13.8	6.9	17.2	17.2	127.5	6.9	55.2
789	Marietta	Deaths.....	157	9	1				2		3		22		7
790		Death rate.....	901.8	51.7	5.7				11.5		17.2		126.4		40.2
791	Massillon	Deaths.....	140	2			1			1	6	2	15	2	2
792		Death rate.....	1,042.9	14.9			7.4			7.4	44.7	14.9	111.7	14.9	14.9
793	Middletown	Deaths.....	135	2				2	2	3	3	1	23	1	5
794		Death rate.....	1,293.0	19.2				19.2	19.2	28.7	28.7	9.6	220.3	9.6	47.9
795	Newark	Deaths.....	307	5			4		3	5	8	3	32	5	16
796		Death rate.....	1,391.2	22.7			18.1		13.6	22.7	36.3	13.6	145.0	22.7	72.5
797	Portsmouth	Deaths.....	316	16			1	2		8	5	2	58	4	16
798		Death rate.....	1,458.8	73.9			4.6	9.2		36.9	23.1	9.2	267.7	18.5	73.9
799	Tiffin	Deaths.....	129	1						3	1	1	8	3	6
800		Death rate.....	1,160.7	9.0						27.0	9.0	9.0	72.0	27.0	54.0
801	Toledo	Deaths.....	2,368	68	1		2	15	9	29	44	19	222	42	104
802		Death rate.....	1,398.2	40.1	0.6		1.2	8.9	5.3	17.1	26.0	11.2	131.1	24.8	61.4
803	Youngstown	Deaths.....	956	30			8	5	15	9	6	11	58	13	24
804		Death rate.....	1,688.7	53.0			14.1	8.8	26.5	15.9	10.6	19.4	102.4	23.0	42.4
OREGON. ²															
Portland:															
805	Total	Deaths.....	1,783	42	3		2	3	5	29	24	8	164	42	110
806	White	Deaths.....	1,722	39	2		2	3	5	29	24	7	144	39	108
807	Colored	Deaths.....	61	3	1							1	20	3	2
808	Total	Death rate.....	1,528.8	36.0	2.6		1.7	2.6	4.3	24.9	20.6	6.9	140.6	36.0	94.3
809	White	Death rate.....	1,556.2	37.5	1.9		1.9	2.9	4.8	27.9	23.1	6.7	138.5	37.5	103.9
810	Colored	Death rate.....	482.0	23.7	7.9							7.9	158.0	23.7	15.8
PENNSYLVANIA.															
811	Allentown	Deaths.....	783	12			1	45	4	28	8	4	51	9	38
812		Death rate.....	1,707.3	26.2			2.2	98.1	8.7	61.1	17.4	8.7	111.2	19.6	82.9
813	Altoona	Deaths.....	672	28	1		7	10	23	9	6	2	39	12	33
814		Death rate.....	1,348.2	56.2	2.0		14.0	20.1	46.1	18.1	12.0	4.0	78.2	24.1	66.2
815	Beaver Falls	Deaths.....	157	3			2		5	1	1	1	14	3	5
816		Death rate.....	1,522.9	29.1			19.4		48.5	9.7	9.7	9.7	135.8	29.1	48.5
817	Bradford	Deaths.....	410	20			18		2	4	4	2	21	5	9
818		Death rate.....	2,009.2	98.0			88.2		9.8	19.6	19.6	9.8	102.9	24.5	44.1
819	Bradford	Deaths.....	186	4	1				1	2	4		8	2	11
820		Death rate.....	1,088.3	23.4	5.9				5.9	11.7	5.9	23.4	46.8	11.7	64.4
821	Butler	Deaths.....	249	7			4		3	1	6	3	22	5	10
822		Death rate.....	1,984.4	55.8			31.9		23.9	8.0	47.8	23.9	175.3	39.8	79.7
823	Carbondale	Deaths.....	261	7	1				1	12	6	4	13	2	9
824		Death rate.....	1,688.6	45.3	6.5				6.5	77.6	38.8	25.9	84.1	12.9	58.2
Carlisle:															
825	Total	Deaths.....	160	1			1		4	1	9	1	17	1	5
826	White	Deaths.....	126	1			1		3	1	7	1	10		5
827	Colored	Deaths.....	34						1		2		7		
828	Total	Death rate.....	1,424.5	8.9			8.9		35.6	8.9	80.1	8.9	151.4	8.9	44.5
829	White	Death rate.....	1,273.9	10.1			10.1		30.3	10.1	70.8	10.1	101.1		50.6
830	Colored	Death rate.....	2,535.4						74.6		149.1		522.0	74.6	

¹ Rates shown for all ages.

² Rates not shown for this cause; see note 2 on page 64.

PRINCIPAL CAUSES AND RATES.

CAUSES OF DEATH, FOR THE REGISTRATION AREA, ITS MAIN SUBDIVISIONS, THE REGISTRATION STATES, AND CITIES: 1908—Continued.

CAUSES OF DEATH—continued.																		
Tumor.	Dia- betes.	Menin- gitis.	Other diseases of nervous system.	Diseases of circulatory system.	Pneu- monia (lobar and unquali- fied).	Other diseases of respira- tory system.	Diarrhea and enteritis. ¹		Other diseases of digestive system.	Bright's disease and nephritis.	Child- birth. ²	Diseases of early infancy.	Suicide.	Acci- dent.	Ill- defined causes.	All other causes.	Cause un- known.	
							Under 2 years.	2 years and over.										
5	37	147	475	716	404	436	301	92	356	450	62	247	85	402	58	415	3	769
5	85	125	451	654	326	391	269	86	337	410	58	231	84	360	48	392	3	770
5	2	22	24	62	78	45	32	6	19	40	4	16	1	42	10	23		771
1.4	10.6	42.1	136.0	205.0	115.7	124.8	112.5		101.9	123.8	(²)	70.7	24.3	115.1	16.6	136.6	0.9	772
1.5	10.5	37.5	135.1	195.9	97.7	117.1	106.4		101.0	122.8	(²)	69.2	25.2	107.9	14.4	134.8	0.9	773
1.5	12.9	141.6	154.4	399.0	501.9	289.6	244.5		122.3	257.4	(²)	103.0	6.4	270.3	64.4	173.7		774
6	65	76	723	793	393	449	598	63	423	385	58	370	93	439	175	482		775
1.2	13.2	15.5	147.1	161.4	80.0	91.4	134.5		86.1	78.3	(²)	75.3	18.9	89.3	35.6	109.9		776
3	17	38	251	302	144	98	51	18	140	132	16	120	50	146	64	186		777
2.0	11.2	25.0	165.1	198.6	94.7	64.5	45.4		92.1	86.8	(²)	78.9	32.9	96.0	42.1	132.9		778
2	10	40	136	192	83	57	38	13	94	68	13	75	18	102	28	116	1	779
1.9	9.4	37.4	127.2	179.6	77.6	53.3	47.7		87.9	63.6	(²)	70.2	16.8	95.4	26.2	120.7	0.9	780
2	3	2	14	21	11	3	8	4	18	4		10	1	10	3	12		781
11.4	17.0	11.4	79.5	119.2	62.5	17.0	68.1		102.2	22.7		56.8	5.7	56.8	17.0	68.1		782
2	21	41	53	38	21	10	44.9	3	24	31	2	26	13	33	4	33		783
6.9	72.6	141.8	183.3	131.4	72.6	44.9			83.0	107.2	(²)	89.9	44.9	114.1	13.8	121.0		784
1	2	9	11	17	6	4	4	2	6	97.6	(²)	1	1	10	7	9		785
8.1	16.3	73.2	89.5	138.3	48.8	32.5	48.8		48.8	97.6	(²)	24.4	8.1	81.4	57.0	81.4		786
1	2	6	34	36	20	8	16	5	28	19	4	13	6	17	12	26		787
3.4	6.9	20.7	117.2	124.1	68.9	27.6	72.4		96.5	65.5	(²)	44.8	20.7	58.6	41.4	103.4		788
2	7	21	15	5	28.7	5	4		9	51.7		3	2	10	4	17		789
11.5	40.2	120.6	86.2	28.7	28.7	23.0			51.7	51.7		17.2	11.5	57.4	23.0	97.7		790
1	2	15	21	9	4	7	59.6	1	7	5	3	5	3	12	2	10		791
7.4	14.9	14.9	111.7	156.4	67.0	29.8			52.1	37.2	(²)	37.2	22.3	89.4	14.9	96.8		792
2	2	10	13	9	3	8	86.2	1	1	13	3	5	5	9	4	10		793
19.2	19.2	95.8	124.5	86.2	28.7	28.7			9.6	124.5	(²)	47.9		86.2	38.8	124.5		794
1	6	28	29	18	10	8	8	1	16	14	6	13	6	31	11	26	2	795
4.5	27.2	126.9	131.4	81.6	45.3	40.8			72.5	63.4	(²)	58.9	27.2	140.5	49.8	145.0	9.1	796
1	5	28	22	18	12	8	55.4	4	14	9	5	29	1	9	13	26		797
4.6	23.1	129.3	101.6	83.1	55.4				64.6	41.5	(²)	133.9	4.6	41.5	60.0	143.1		798
2	1	20	27	7	5	1	1	2	7	5		7	2	3	4	13		799
18.0	9.0	180.0	242.9	63.0	45.0	27.0			63.0	45.0		63.0	18.0	27.0	36.0	117.0		800
1	24	21	283	234	114	91	85	27	185	117	23	132	35	159	32	200		801
0.6	14.2	12.4	167.1	167.7	67.3	53.7	66.1		109.2	69.1	(²)	77.9	20.7	93.9	18.9	131.7		802
1	9	14	83	66	98	44	96	6	55	37	12	62	10	82	27	74	1	803
1.8	15.9	24.7	146.6	116.6	173.1	77.7	180.2		97.2	65.4	(²)	109.5	17.7	144.8	47.7	151.9	1.8	804
15	22	152	235	102	69	51	51	20	116	97	27	80	48	131	20	165	1	805
12	22	151	231	100	67	50	50	19	115	92	27	77	45	128	20	163	1	806
3	1	1	4	2	2	1	1	1	5	3		3	3	3	2	2		807
12.9	18.9	130.3	201.5	87.5	59.2	60.9	60.9		99.5	83.2	(²)	68.6	41.2	112.3	17.1	164.6	0.9	808
11.5	21.2	145.2	222.2	96.2	64.4	66.4	66.4		110.6	88.5	(²)	74.1	43.3	123.1	19.2	182.7	1.0	809
23.7	7.9	31.6	15.8	15.8	15.8	15.8	15.8		7.9	39.5		23.7	23.7	23.7	15.8	15.8		810
9	6	75	79	43	30	75	75	12	27	35	15	40	7	52	23	55		811
19.6	13.1	163.5	172.3	93.8	65.4	189.7			58.9	76.3	(²)	87.2	15.3	113.4	50.2	152.6		812
5	8	66	52	67	23	40	40	4	33	36	12	37	5	57	8	49		813
10.0	16.0	132.4	104.3	134.4	46.1	88.3			66.2	72.2	(²)	74.2	10.0	114.4	16.0	122.4		814
2	1	20	15	12	4	12	12	2	10	8	1	3	2	16	6	8		815
19.4	9.7	194.0	145.5	116.4	38.8	135.8			97.0	77.6	(²)	29.1	19.4	155.2	58.2	87.3		816
4	3	18	17	21	76	66	66	4	35	5	6	13	2	39	2	14		817
19.6	14.7	88.2	83.3	102.9	372.4	343.0			171.5	24.5	(²)	63.7	9.8	191.1	9.8	98.0		818
3	6	20	23	18	6	6	6	1	14	12	5	6	1	17	3	9		819
17.6	35.1	117.0	134.6	105.3	35.1	41.0			81.9	70.2	(²)	35.1	5.9	99.5	17.6	81.9	2	820
2	2	23	16	12	12	24	24	4	22	6	4	11	1	20	9	20		821
15.9	15.9	183.3	127.5	95.6	95.6	223.1			175.3	47.8	(²)	87.7	8.0	159.4	71.7	191.3		822
4	3	14	26	16	13	15	15	3	18	13	1	13	1	37	14	14		823
25.9	19.4	90.6	163.2	103.5	84.1	116.5			116.5	84.1	(²)	84.1	6.5	239.4	90.6	97.0		824
4	21	26	6	4	4	4	3	4	7	9	3	7		3	6	17		825
2	20	21	4	2	2	2	2	4	7	7	3	4		3	4	14		826
2	1	5	2	2	2	1	1		2	2		3		2	3	3		827
35.6	187.0	231.5	53.4	35.6	35.6	62.3	62.3		62.3	80.1	(²)	62.3		26.7	53.4	178.1		828
20.2	202.2	212.3	40.4	20.2	20.2	60.7	60.7		70.8	70.8	(²)	40.4		30.3	40.4	171.9		829
149.1	74.6	372.9	149.1	149.1	149.1	74.6			70.8	149.1	(²)	223.7		149.1	223.7	149.1		830

³Nonregistration state; cities stated below only those with effective local ordinances.

⁴Chiefly Chinese and Japanese.

MORTALITY STATISTICS.

TABLE 3.—DEATHS (EXCLUSIVE OF STILLBIRTHS) AND DEATH RATES PER 100,000 OF POPULATION, FROM CERTAIN REGISTRATION

REGISTRATION AREA.		CAUSES OF DEATH.												
		All causes.	Typhoid fever.	Malarial fever.	Small-pox.	Measles.	Scarlet fever.	Whooping cough.	Diphtheria and croup.	Influenza.	All other epidemic diseases.	Tuberculosis of lungs.	Other forms of tuberculosis.	Cancer.
REGISTRATION CITIES—Continued.														
PENNSYLVANIA—continued.														
831	Chambersburg.....	Deaths.....	190	4		8		1	5	6	2	9	5	9
832		Death rate..	1,927.0	40.6		81.1		10.1	50.7	60.9	20.3	91.3	50.7	91.3
Chester:														
833	Total.....	Deaths.....	603	10	1	7		7	3	5	3	64	6	19
834	White.....	Deaths.....	456	8		7		5	3	5	3	42	6	18
835	Colored.....	Deaths.....	147	2	1			2				22		1
836	Total.....	Death rate..	1,532.9	25.4	2.5	17.8		17.8	7.6	12.7	7.6	162.7	15.3	48.3
837	White.....	Death rate..	1,332.9	23.4		20.5		14.6	8.8	14.6	8.8	122.8	17.5	52.6
838	Colored.....	Death rate..	2,866.6	39.0	19.5			39.0				429.0		19.5
839	Columbia.....	Deaths.....	153	2				1	4			10		4
840		Death rate..	1,111.5	14.5				7.3	29.1			72.6		29.1
841	Danville.....	Deaths.....	112	3				1		2		9		7
842		Death rate..	1,386.8	37.1				12.4		24.8		111.4		36.7
843	Dubois.....	Deaths.....	133	2		2		1	4			6		1
844		Death rate..	1,112.3	16.7		16.7		8.4	33.5			50.2		8.4
845	Dunmore.....	Deaths.....	255			8		3		6	5	2	6	2
846		Death rate..	1,594.0			50.0		18.8		37.5	31.3	12.5	37.5	12.5
847	Duquesne.....	Deaths.....	203			1	15			13	4		10	2
848		Death rate..	1,624.0			8.0	120.0			104.0	32.0		80.0	16.0
849	Easton.....	Deaths.....	392	6	1				1	6	12		36	3
850		Death rate..	1,336.3	20.5	3.4				3.4	20.5	40.9		122.7	10.2
851	Erie.....	Deaths.....	996	39				9	6	15	12	3	64	16
852		Death rate..	1,595.1	62.5				14.4	9.6	24.0	19.2	4.8	102.5	25.6
853	Harrisburg.....	Deaths.....	831	30	1	6	3	7	7	10	2	57	10	43
854		Death rate..	1,442.7	52.1	1.7	10.4	5.2	12.2	12.2	17.4	3.5	99.0	17.4	74.7
855	Hazleton.....	Deaths.....	179	4				1	4	2	2	5	2	13
856		Death rate..	1,101.9	24.6				6.2	24.6	12.3	12.3	30.8	12.3	80.0
857	Homestead.....	Deaths.....	254	2		6	1	2	2	3		27	2	6
858		Death rate..	1,524.6	12.0		36.0	6.0	12.0	12.0	18.0		162.1	12.0	36.0
859	Johnstown.....	Deaths.....	730	40			7	13	16	6	6	52	9	26
860		Death rate..	1,602.5	87.8			15.4	28.5	35.1	13.2	13.2	114.1	19.8	57.1
861	Lancaster.....	Deaths.....	699	7	1	2	1	14	6	13	1	61	10	37
862		Death rate..	1,426.0	14.3	2.0	4.1	2.0	28.6	12.2	26.5	2.0	124.4	20.4	75.5
863	Lebanon.....	Deaths.....	272	5		5		1	2	10	3	17	4	7
864		Death rate..	1,360.1	25.0		25.0		5.0	10.0	50.0	15.0	85.0	20.0	35.0
865	McKeesport.....	Deaths.....	748	40	1	8	2	5	16	5	6	42	10	23
866		Death rate..	1,616.8	86.5	2.2	17.3	4.3	10.8	34.6	10.8	13.0	90.8	21.6	49.7
867	Mahanoy City.....	Deaths.....	281	1				2	9	2	4	12	1	8
868		Death rate..	1,839.2	6.5				13.1	58.9	13.1	26.2	78.5	6.5	52.4
869	Meadville.....	Deaths.....	190	5				1	1	5	3	8	4	16
870		Death rate..	1,591.4	41.9				8.4	8.4	41.9	25.1	67.0	33.5	134.0
871	Mt. Carmel.....	Deaths.....	231			1	4	2	22	1	3	14	1	7
872		Death rate..	1,349.3			5.8	23.4	11.7	128.5	5.8	17.5	81.8	5.8	40.9
873	Nanticoke.....	Deaths.....	237	2				17	3	29	1	9	1	8
874		Death rate..	2,083.9	14.5				123.4	21.8	210.6	7.3	65.3	7.3	58.1
875	Newcastle.....	Deaths.....	494	27		9		5	6	14		30	2	27
876		Death rate..	1,228.8	67.2		22.4		12.4	14.9	34.8		74.6	5.0	67.2
877	Norristown.....	Deaths.....	591	11		2		1	1	14	4	60	9	22
878		Death rate..	2,437.8	45.4		8.2		4.1	4.1	57.7	16.5	247.5	37.1	90.7
879	Oil City.....	Deaths.....	194	7						8		7	1	8
880		Death rate..	1,282.4	46.3						52.9		46.3	6.6	52.9
Philadelphia:														
881	Total.....	Deaths.....	25,926	529	10	266	208	225	489	295	108	3,081	459	1,256
882	White.....	Deaths.....	23,697	478	10	251	202	199	470	275	107	2,599	395	1,208
883	Colored.....	Deaths.....	2,229	51		15	6	26	19	20	1	482	64	48
884	Total.....	Death rate..	1,738.7	35.5	0.7	17.8	13.9	15.1	32.8	19.8	7.2	203.3	30.8	84.2
885	White.....	Death rate..	1,672.0	33.7	0.7	17.7	14.3	14.0	33.2	19.4	7.5	183.4	27.9	85.2
886	Colored.....	Death rate..	3,020.7	69.1		20.3	8.1	35.2	25.7	27.1	1.4	585.4	86.7	65.0
887	Phoenixville.....	Deaths.....	181	10				1	8	2	3	9	3	11
888		Death rate..	1,858.3	102.7				10.3	82.1	20.5	30.8	92.4	30.8	112.9

¹ Rates shown for all ages.

PRINCIPAL CAUSES AND RATES.

93

CAUSES OF DEATH, FOR THE REGISTRATION AREA, ITS MAIN SUBDIVISIONS, THE REGISTRATION STATES, AND CITIES: 1908—Continued.

CAUSES OF DEATH—continued.																		
Tumor.	Dia- betes.	Menin- gitis.	Other diseases of nervous system.	Diseases of circula- tory system.	Pneu- monia (lobar and unquali- fied).	Other diseases of respira- tory system.	Diarrhea and enteritis. ¹		Other diseases of digestive system.	Bright's disease and nephritis.	Child- birth. ²	Diseases of early infancy.	Suicide.	Acci- dent.	Ill- defined causes.	All other causes.	Cause un- known.	
							Under 2 years.	2 years and over.										
.....	3	1	82	14	7	9	8	1	11	11	3	9	4	6	3	19	.....	831
.....	30.4	10.1	324.5	142.0	71.0	91.3	91.3		111.6	111.6	(?)	91.3	40.6	60.9	30.4	223.1	.....	832
2	3	3	62	67	49	32	47	7	45	29	10	37	3	37	18	26	1	833
2	3	3	47	50	37	18	40	4	36	24	5	27	2	31	12	18	.....	834
5.1	7.6	7.6	157.6	170.3	124.6	81.3	7	3	137.3	5	5	10	1	6	6	8	1	835
5.8	8.8	8.8	137.4	146.2	108.2	52.6	7	3	128.6	5	5	94.1	7.6	94.1	45.8	91.5	2.5	836
.....	.....	.....	292.5	331.5	234.0	273.0	195.0	2	175.5	97.5	(?)	78.9	5.8	90.6	35.1	67.2	.....	837
.....	3	3	17	24	10	5	3	2	12	5	2	15	1	13	3	14	.....	839
.....	21.8	21.8	123.5	174.4	72.6	36.3	36.3		87.2	36.3	(?)	109.0	7.3	94.4	21.8	116.2	.....	840
.....	.....	.....	14	13	12	5	12	2	7	6	.....	4	.....	4	1	8	.....	841
.....	.....	.....	173.4	161.0	148.6	61.9	173.4		86.7	74.3	.....	49.5	.....	49.5	12.4	99.1	.....	842
.....	1	.....	10	15	6	10	17	5	8	9	3	7	1	15	3	7	.....	843
.....	8.4	.....	83.6	125.4	50.2	83.6	184.0		66.9	75.3	(?)	58.5	8.4	125.4	25.1	83.6	.....	844
.....	2	3	44	7	29	17	39	4	10	8	.....	14	.....	18	7	13	.....	845
.....	12.5	18.8	275.1	43.8	181.3	106.3	268.8		62.5	50.0	.....	87.5	.....	112.5	43.8	81.3	.....	846
.....	2	2	7	6	20	17	40	3	10	3	.....	16	1	15	6	6	.....	847
.....	16.0	16.0	56.0	48.0	100.0	136.0	344.0		80.0	24.0	.....	128.0	8.0	120.0	48.0	48.0	.....	848
.....	1	6	54	48	21	9	15	3	22	28	2	12	7	44	6	23	.....	849
.....	3.4	20.5	184.1	163.6	71.6	30.7	61.4		75.0	95.4	(?)	40.9	23.9	150.0	20.5	85.2	.....	850
.....	14	9	78	136	58	46	62	8	83	77	15	53	10	78	2	55	1	851
.....	22.4	14.4	124.9	217.8	92.9	73.7	112.1		132.9	123.3	(?)	84.9	16.0	124.9	3.2	112.1	1.6	852
.....	4	2	104	85	51	34	36	5	47	76	9	36	17	58	24	67	.....	853
.....	6.9	3.5	180.6	147.6	88.5	59.0	71.2		81.6	131.9	(?)	62.5	29.5	100.7	41.7	131.9	.....	854
.....	1	4	25	18	11	11	16	6	6	10	1	9	3	11	2	12	.....	855
.....	6.2	24.6	153.9	110.8	67.7	67.7	135.4		36.9	61.6	(?)	55.4	18.5	67.7	12.3	80.0	.....	856
.....	.....	6	12	10	37	19	48	2	18	15	2	13	2	7	2	10	.....	857
.....	.....	36.0	72.0	60.0	222.1	114.0	300.1		108.0	90.0	(?)	78.0	12.0	42.0	12.0	72.0	.....	858
.....	1	5	60	35	74	23	63	9	38	32	15	40	2	77	25	37	5	859
.....	2.2	11.0	131.7	76.8	162.4	50.5	153.1		83.4	70.2	(?)	87.8	4.4	169.0	54.9	114.1	11.0	860
.....	7	13	82	88	24	37	47	10	54	70	11	24	4	28	3	44	.....	861
.....	14.3	26.5	167.3	179.5	49.0	75.5	116.3		110.2	142.8	(?)	49.0	8.2	57.1	6.1	112.2	.....	862
.....	3	2	51	17	12	9	11	3	12	13	6	16	2	16	12	32	.....	863
.....	15.0	5.0	255.0	85.0	60.0	45.0	70.0		60.0	65.0	(?)	80.0	10.0	80.0	60.0	190.0	.....	864
.....	1	2	41	47	76	48	87	8	55	12	10	56	8	73	20	34	.....	865
.....	2.2	4.8	88.6	101.6	164.3	103.8	205.3		118.9	25.9	(?)	121.0	17.3	157.8	43.2	95.1	.....	866
.....	2	1	30	13	27	24	36	2	20	15	8	12	.....	21	20	11	.....	867
.....	13.1	6.5	196.4	85.1	176.7	157.1	248.7		130.9	98.2	(?)	78.5	.....	137.5	130.9	124.4	.....	868
.....	1	7	17	30	8	2	6	3	19	11	4	7	2	14	.....	16	.....	869
.....	8.4	58.6	142.4	251.3	67.0	16.8	75.4		159.1	92.1	(?)	58.6	16.8	117.3	167.5	.....	870	
.....	.....	3	15	14	20	19	30	2	9	5	4	9	1	12	20	13	.....	871
.....	.....	.....	87.6	81.8	116.8	111.0	186.9		52.6	29.2	(?)	52.6	5.8	70.1	116.8	99.3	.....	872
.....	.....	3	16	10	33	14	43	5	6	9	1	27	2	32	8	6	.....	873
.....	.....	21.8	116.2	72.6	239.6	101.7	348.5		43.6	63.3	(?)	196.0	14.5	232.4	58.1	50.8	.....	874
.....	4	8	29	27	26	19	35	8	26	22	5	28	8	44	21	47	17	875
.....	10.0	19.9	72.1	67.2	64.7	47.3	107.0		64.7	54.7	(?)	69.7	19.9	109.5	52.2	129.4	42.3	876
.....	4	4	87	110	18	52	27	9	26	48	5	7	6	29	.....	35	.....	877
.....	16.5	16.5	358.9	453.7	74.2	214.5	148.5		107.2	198.0	(?)	28.9	24.7	119.6	165.0	.....	.....	878
.....	2	9	24	30	10	10	10	1	8	11	2	12	4	17	4	9	.....	879
.....	13.2	59.5	158.6	198.3	66.1	66.1	72.7		52.9	72.7	(?)	79.3	26.4	112.4	26.4	72.7	.....	880
.....	14	153	1,707	3,101	1,389	1,641	1,835	233	1,285	2,396	304	1,195	264	1,353	466	1,509	1	881
.....	14	139	1,598	2,887	1,206	1,437	1,661	219	1,190	2,245	280	1,062	256	1,261	403	1,403	1	882
.....	.....	13	109	214	183	154	174	14	95	151	24	133	8	92	63	106	.....	883
.....	0.9	13.7	114.5	208.0	93.2	110.1	138.7		86.2	160.7	(?)	80.1	17.7	90.7	31.3	121.6	0.1	884
.....	1.0	13.5	112.8	203.7	85.1	104.9	132.6		84.0	153.4	(?)	74.9	18.1	89.0	28.4	118.7	0.1	885
.....	.....	17.6	147.7	290.0	248.0	208.7	254.8		128.7	204.6	(?)	180.2	10.8	124.7	85.4	176.2	.....	886
.....	1	1	20	17	9	6	9	1	9	11	2	19	2	11	9	7	.....	887
.....	10.3	10.3	205.3	174.5	92.4	61.6	102.7		92.4	112.9	(?)	195.1	20.5	112.9	92.4	92.4	.....	888

² Rates not shown for this cause; see note 2 on page 64.

MORTALITY STATISTICS.

TABLE 3.—DEATHS (EXCLUSIVE OF STILLBIRTHS) AND DEATH RATES PER 100,000 OF POPULATION, FROM CERTAIN REGISTRATION

REGISTRATION AREA.		CAUSES OF DEATH.												
		All causes.	Typhoid fever.	Malarial fever.	Small-pox.	Measles.	Scarlet fever.	Whooping cough.	Diphtheria and croup.	Influenza.	All other epidemic diseases.	Tuberculosis of lungs.	Other forms of tuberculosis.	Cancer.
REGISTRATION CITIES—Continued.														
PENNSYLVANIA—continued.														
Pittsburg: 3														
889	Total.....Deaths.....	9,030	255	1		247	84	48	98	185	66	595	167	323
890	White.....Deaths.....	8,410	238	1		243	81	47	95	169	61	514	137	308
891	Colored.....Deaths.....	620	17			4	3	1	3	16	5	81	30	15
892	Total.....Death rate.....	1,649.2	46.6	0.2		45.1	15.3	8.8	17.9	33.8	12.1	108.7	30.5	59.0
893	White.....Death rate.....	1,608.4	45.5	0.2		46.5	15.5	9.0	18.2	32.3	11.7	98.3	26.2	58.9
894	Colored.....Death rate.....	2,514.8	69.0			16.2	12.2	4.1	12.2	64.9	20.3	328.5	121.7	60.8
895	Pittston.....Deaths.....	316	2			1	43	4	21	4		6	1	4
896	Death rate.....	2,200.9	13.9			7.0	299.5	27.9	146.3	27.9		41.8	7.0	27.9
897	Plymouth.....Deaths.....	260	7			1	25		8	2	4	13	2	9
898	Death rate.....	1,521.0	41.0			5.9	146.3		46.8	11.7	23.4	76.1	11.7	52.7
899	Pottstown.....Deaths.....	210	11			1		2	1	2		15	3	15
900	Death rate.....	1,497.4	78.4			7.1		14.3	7.1	14.3		107.0	21.4	107.0
901	Pottsville.....Deaths.....	362	10				1	3	2	2	2	16	6	16
902	Death rate.....	2,131.5	58.9				5.9	17.7	11.8	11.8	11.8	94.2	35.3	94.2
903	Reading.....Deaths.....	1,371	50	2		5	8	19	29	35	11	89	18	43
904	Death rate.....	1,440.1	52.5	2.1		5.3	8.4	20.0	30.5	36.8	11.6	93.5	18.9	45.2
905	Scranton.....Deaths.....	2,051	14			5	88	13	40	29	27	100	25	71
906	Death rate.....	1,654.6	11.3			4.0	71.0	10.5	32.3	23.4	21.8	80.7	20.2	57.3
907	Shamokin.....Deaths.....	262	1				1	1	8	5	3	13	2	8
908	Death rate.....	1,233.5	4.7				4.7	4.7	37.7	23.5	14.1	61.2	9.4	37.7
909	Sharon.....Deaths.....	212	30			1	1	5	1	4		15	3	4
910	Death rate.....	1,726.8	244.4			8.1	8.1	40.7	8.1	32.6		122.2	24.4	32.6
911	Shenandoah.....Deaths.....	479	4			1		8	14	2	9	14	1	1
912	Death rate.....	2,010.7	16.8			4.2		33.6	58.8	8.4	37.8	58.8	4.2	4.2
913	South Bethlehem.....Deaths.....	260	4						2	2	1	17	1	7
914	Death rate.....	1,667.5	25.7						12.8	12.8	6.4	109.0	6.4	44.9
Steelton:														
915	Total.....Deaths.....	193	10				2	1	1	2	2	13	3	8
916	White.....Deaths.....	164	8				2		1	1	1	8	2	6
917	Colored.....Deaths.....	29	2					1	1	1	1	5	1	2
918	Total.....Death rate.....	1,332.6	69.0				13.8	6.9	6.9	13.8	13.8	89.8	20.7	55.2
919	White.....Death rate.....	1,294.2	63.1				15.8		7.9	7.9	7.9	63.1	15.8	47.3
920	Colored.....Death rate.....	1,601.8	110.4					55.2		55.2	55.2	276.1	55.2	110.4
921	Sunbury.....Deaths.....	155	1				1	4	1		2	9	2	7
922	Death rate.....	1,364.9	8.8				8.8	35.2	8.8		17.6	79.3	17.6	61.6
923	Titusville.....Deaths.....	124	1			1				4	3	8		6
924	Death rate.....	1,479.7	11.9			11.9				47.7	35.8	95.5		71.6
925	Warren.....Deaths.....	118	1	1			1		1	4	1	7	2	11
926	Death rate.....	1,031.4	8.7	8.7			8.7		8.7	35.0	8.7	61.2	17.5	96.1
West Chester:														
927	Total.....Deaths.....	236	13			1			2	5	1	22	3	9
928	White.....Deaths.....	172	4			1			1	5	1	11	3	8
929	Colored.....Deaths.....	64	9									11		1
930	Total.....Death rate.....	2,201.1	121.2				9.3		18.7	46.6	9.3	205.2	28.0	83.9
931	White.....Death rate.....	1,974.3	45.9				11.5		11.5	57.4	11.5	126.3	34.4	91.8
932	Colored.....Death rate.....	3,184.1	447.8						49.8			547.3		49.8
933	Wilkes-Barre.....Deaths.....	997	15			3	16	7	28	13	4	38	13	36
934	Death rate.....	1,584.5	23.8			4.8	25.4	11.1	44.5	20.7	6.4	60.4	20.7	57.2
935	Wilkesburg.....Deaths.....	242	8			1	1	3	2	12	2	13	6	16
936	Death rate.....	1,266.1	41.9			5.2	5.2	15.7	10.5	62.8	10.5	68.0	31.4	83.7
937	Williamsport.....Deaths.....	510	14				7		9	10	4	30	2	28
938	Death rate.....	1,696.7	46.6				23.3		29.9	33.3	13.3	99.8	6.7	93.2
939	York.....Deaths.....	591	5			9	4	7	11	9	6	58	18	30
940	Death rate.....	1,442.0	12.2			22.0	9.8	17.1	26.8	22.0	14.6	141.5	43.9	73.2
RHODE ISLAND.														
941	Central Falls.....Deaths.....	330	3	3		4	4		6	12	6	39	10	7
942	Death rate.....	1,632.6	14.8	14.8		19.8	19.8		29.7	59.4	29.7	192.9	49.5	34.6
943	Cranston town.....Deaths.....	535	7	1		3			8	4	3	104	6	30
944	Death rate.....	2,661.0	34.8	5.0		14.9			39.8	19.9	14.9	517.3	29.8	149.2
945	Cumberland town.....Deaths.....	100					1	1		3	1	11	1	9
946	Death rate.....	1,036.4					10.4	10.4		31.1	10.4	114.0	10.4	93.3
947	East Providence town.....Deaths.....	213	2			6		1	4	3	1	18	6	16
948	Death rate.....	1,447.4	13.6			40.8		6.8	27.2	20.4	6.8	122.3	40.8	108.7

¹ Rates shown for all ages.

² Rates not shown for this cause; see note 2 on page 64.

PRINCIPAL CAUSES AND RATES.

CAUSES OF DEATH, FOR THE REGISTRATION AREA, ITS MAIN SUBDIVISIONS, THE REGISTRATION STATES, AND CITIES: 1908—Continued.

CAUSES OF DEATH—continued.																		
Tumor.	Dia- betes.	Menin- gitis.	Other diseases of nervous system.	Diseases of circula- tory system.	Pneu- monia (lobar and unquali- fied).	Other diseases of respira- tory system.	Diarrhea and enteritis. ¹		Other diseases of digestive system.	Bright's disease and nephritis.	Child- birth. ²	Diseases of early infancy.	Suicide.	Acci- dent.	Ill- defined causes.	All other causes.	Cause un- known.	
							Under 2 years.	2 years and over.										
4	35	82	580	700	686	1,015	822	130	522	365	128	464	114	597	156	560	1	889
4	33	78	550	652	629	951	784	119	498	328	113	431	111	571	140	528	1	880
	2	4	30	48	57	64	38	11	24	42	15	33	3	26	16	32		881
0.7	6.4	15.0	105.9	127.8	125.3	185.4	173.9		95.3	66.7	(²)	84.7	20.8	109.0	28.5	125.7	0.2	882
0.8	6.3	14.9	105.2	124.7	120.3	181.9	172.7		95.2	61.8	(²)	82.4	21.2	109.2	26.8	122.6		883
	8.1	16.2	121.7	194.7	231.2	259.6	198.8		97.3	170.4	(²)	133.9	12.2	105.5	64.9	190.6		884
	3		28	20	14	19	30	6	18	17	1	6		45	12	11		885
	20.9		195.0	139.3	97.5	132.3	250.7		125.4	118.4	(²)	41.8		313.4	83.6	83.6		886
	4		20	10	11	14	45	3	14	14	4	16	1	17	5	11		887
	23.4		117.0	58.5	64.4	81.9	280.8		81.9	81.9	(²)	93.6	5.9	99.5	29.3	87.8		888
	6	2	30	27	15	10	7	2	12	10	2	6	2	17	5	7		889
	42.8	14.3	213.9	192.5	107.0	71.3	64.2		85.6	71.3	(²)	42.8	14.3	121.2	35.7	64.2		900
1	2	6	36	51	20	21	28	2	29	26	5	14		48		15		901
5.9	11.8	35.3	212.0	300.3	117.8	123.7	173.6		170.8	153.1	(²)	82.4		282.6		117.8		902
	18	16	208	117	55	84	87	23	86	83	16	60	10	75	45	78		903
1.1	18.9	16.8	218.5	122.9	57.8	88.2	115.5		90.3	87.2	(²)	63.0	10.5	78.8	47.3	98.7		904
	22	16	147	150	115	202	236	23	135	106	37	86	18	227	11	108		905
	17.7	12.9	118.6	121.0	92.8	163.0	203.9		108.9	85.5	(²)	69.4	14.5	183.1	8.9	117.0		906
	3	2	22	21	25	15	28	2	18	9	8	13	3	18	20	13		907
	14.1	9.4	103.6	98.9	117.7	70.6	141.2		84.7	42.4	(²)	61.2	14.1	84.7	94.2	98.9		908
	2	3	21	17	13	13	14	4	8	1	1	13	1	13	7	17		909
	16.3	24.4	171.1	138.5	105.9	105.9	146.6		65.2	8.1	(²)	105.9	8.1	105.9	57.0	146.6		910
	3	8	29	22	37	34	102	10	31	13	12	21	1	57	27	18		911
	12.6	33.6	121.7	92.3	155.3	142.7	470.1		130.1	54.6	(²)	88.2	4.2	239.3	113.3	125.9		912
	3	1	23	12	23	27	53	2	14	8	4	23	1	12	7	13		913
	19.2	6.4	147.5	77.0	147.5	173.2	352.7		89.8	51.3	(²)	147.5	6.4	77.0	44.9	109.0		914
	1	2	10	19	15	6	31	1	10	4	3	14		17	2	16		915
	1	2	10	15	12	5	30	1	8	4	2	12		16	2	15		916
	0.9	13.8	69.0	131.2	103.6	41.4	220.9		69.0	27.6	(²)	96.7		117.4	13.8	131.2		917
	7.9	15.8	78.9	118.4	94.7	39.5	244.6		63.1	31.6	(²)	94.7		126.3	15.8	134.2		918
			220.9	165.7	165.7	55.2	55.2		110.4		(²)	110.4		55.2		110.4		919
	1	1	24	18	8	5	4	1	9	12	2	6	1	17	3	10		921
	8.8	8.8	211.3	158.5	70.4	44.0	44.0		79.3	105.7	(²)	52.8	8.8	149.7	26.4	158.5		922
1		2	18	15	1	4	5	3	14	5	1	11		8	1	11		923
11.9		23.9	214.8	179.0	11.9	47.7	95.5		167.1	59.7	(²)	131.3		95.5	11.9	143.2		924
	1	1	15	19	2	5	4		3	5	3	3		10	3	15		925
	8.7	8.7	131.1	166.1	17.5	43.7	35.0		26.2	43.7	(²)	26.2		87.4	26.2	157.3		926
	2	3	25	30	11	7	8	5	18	22	1	12	4	17	1	14		927
	1	2	21	24	7	4	8	4	15	14	1	9	4	13	1	11		928
	1	1	4	6	5	3		1	3	8		3		4		3		929
	18.7	28.0	233.2	279.8	102.6	65.3	121.2		167.9	205.2	(²)	111.9	37.3	158.6	9.3	139.9		930
	11.5	23.0	241.0	275.5	68.9	45.9	137.7		172.2	160.7	(²)	103.3	45.9	149.2	11.5	137.7		931
	49.8	49.8	199.0	298.5	248.8	149.3	49.8		149.3	398.0		149.3		199.0		149.3		932
	9	4	77	94	70	68	90	12	51	46	10	53	6	145	58	3		933
	14.3	6.4	122.4	149.4	111.2	108.1	162.1		81.1	73.1	(²)	84.2	9.5	230.4	44.5	108.1	4.8	934
	1	1	15	28	20	16	14	3	19	9	6	15	1	13	2	15		935
	5.2	5.2	78.5	146.5	104.6	83.7	88.9		99.4	47.1	(²)	78.5	5.2	68.0	10.5	109.9		936
1	8	4	50	52	19	18	13	7	39	44	13	29	4	37	11	52		937
3.3	26.6	13.3	166.3	173.0	63.2	59.9	83.2		129.7	146.4	(²)	96.5	13.3	123.1	36.6	216.2		938
	3	8	64	71	32	45	50	15	35	33	4	15	6	24	1	28		939
	7.3	19.5	166.2	173.2	78.1	109.8	158.6		85.4	80.5	(²)	36.6	14.6	53.6	2.4	78.1		940
	3	10	24	22	18	41	34	4	15	16	7	19	2	4	2	15		941
	14.8	49.5	118.7	108.8	89.1	202.8	188.0		74.2	79.2	(²)	94.0	9.9	19.8	9.9	108.8		942
	3	3	77	95	34	12	21	10	11	46	1	13	5	17	1	19		943
	14.9	14.9	383.0	472.5	169.1	59.7	154.2		54.7	228.8	(²)	64.7	24.9	84.6	5.0	99.5	5.0	944
		1	6	15	4	7	12	1	4	7	1	4	3	7		1		945
		10.4	62.2	155.5	41.5	72.5	134.7		41.5	72.5	(²)	41.5	31.1	72.5		20.7		946
	3		16	22	14	6	9	8	11	15	3	9	3	21	6	10		947
	20.4		108.7	149.5	95.1	40.8	115.5		74.7	101.9	(²)	61.2	20.4	142.7	40.8	88.3		948

¹Includes Allegheny city; annexed December 9, 1907.

MORTALITY STATISTICS.

TABLE 3.—DEATHS (EXCLUSIVE OF STILLBIRTHS) AND DEATH RATES PER 100,000 OF POPULATION, FROM CERTAIN REGISTRATION

REGISTRATION AREA.	CAUSES OF DEATH.												
	All causes.	Typhoid fever.	Malarial fever.	Small-pox.	Measles.	Scarlet fever.	Whooping cough.	Diphtheria and croup.	Influenza.	All other epidemic diseases.	Tuberculosis of lungs.	Other forms of tuberculosis.	Cancer.
REGISTRATION CITIES—Continued.													
RHODE ISLAND—continued.													
949 Lincoln town.....	Deaths.....	131					1	4	1		8	4	3
950 Lincoln town.....	Death rate..	1,394.7					10.6	42.6	10.6	10.6	85.2	42.6	31.9
951 Newport.....	Deaths.....	343	2				4	5	2	3	26	11	35
952 Newport.....	Death rate..	1,289.6	7.5				15.0	18.8	7.5	11.3	97.8	41.4	131.6
953 Pawtucket.....	Deaths.....	727	1	1		2	1	8	18	3	73	15	28
954 Pawtucket.....	Death rate..	1,584.9	2.2	2.2		4.4	2.2	17.4	39.2	6.5	159.1	32.7	61.0
955 Providence.....	Deaths.....	3,574	36	3		44	24	12	79	44	20	326	93
956 Providence.....	Death rate..	1,682.2	16.9	1.4		20.7	11.3	5.6	37.2	20.7	9.4	153.4	43.8
957 Warwick town.....	Deaths.....	438	3			1	1	2	6	7	2	87	4
958 Warwick town.....	Death rate..	1,631.5	11.2			3.7	3.7	7.4	22.3	26.1	7.4	324.1	14.9
959 Woonsocket.....	Deaths.....	502	5			10		5	13	3	9	73	12
960 Woonsocket.....	Death rate..	1,451.3	14.5			28.9		14.5	37.6	8.7	26.0	211.0	34.7
SOUTH CAROLINA. ³													
961 Charleston: Total.....	Deaths.....	1,536	27	25				7	1	15	10	178	23
962 Charleston: White.....	Deaths.....	435	12	9				4	1	8	1	32	3
963 Charleston: Colored.....	Deaths.....	1,101	15	16				3		7	9	146	20
964 Charleston: Total.....	Death rate..	2,719.2	47.8	44.3				12.4	1.8	26.6	17.7	315.1	40.7
965 Charleston: White.....	Death rate..	1,773.1	48.9	36.7				16.3	4.1	32.6	4.1	130.4	12.2
966 Charleston: Colored.....	Death rate..	3,445.6	46.9	50.1				9.4		21.9	28.2	456.9	62.6
SOUTH DAKOTA.													
967 Sioux Falls.....	Deaths.....	170	5			1		1	5	3	3	9	12
968 Sioux Falls.....	Death rate..	1,260.5	37.1			7.4	14.8	7.4	37.1	22.2	22.2	66.7	89.0
TENNESSEE. ³													
969 Knoxville: Total.....	Deaths.....	652	18	1		1		16	4	20	11	95	16
970 Knoxville: White.....	Deaths.....	445	13	1				7	4	14	11	58	8
971 Knoxville: Colored.....	Deaths.....	207	5			1		9		6		37	8
972 Knoxville: Total.....	Death rate..	1,753.2	48.4	2.7		2.7		43.0	10.8	53.8	29.6	255.5	43.0
973 Knoxville: White.....	Death rate..	1,544.9	45.1	3.5				24.3	13.9	48.6	38.2	201.4	27.8
974 Knoxville: Colored.....	Death rate..	2,468.7	59.6			11.9		107.3		71.6		441.3	95.4
975 Memphis: Total.....	Deaths.....	2,320	49	123		7	7	28	33	54	31	258	16
976 Memphis: White.....	Deaths.....	1,057	26	41		4	6	5	17	21	11	88	12
977 Memphis: Colored.....	Deaths.....	1,263	23	87		3	1	23	16	33	20	170	4
978 Memphis: Total.....	Death rate..	1,749.9	37.0	96.5		5.3	5.3	21.1	24.9	40.7	23.4	194.6	12.1
979 Memphis: White.....	Death rate..	1,557.4	38.3	60.4		5.9	8.8	7.4	25.0	30.9	16.2	129.7	17.7
980 Memphis: Colored.....	Death rate..	1,951.8	35.5	134.4		4.6	1.5	35.5	24.7	51.0	30.9	262.7	6.2
981 Nashville: Total.....	Deaths.....	2,114	63	16	1	13		71	17	57	42	231	54
982 Nashville: White.....	Deaths.....	1,066	30	7		10		26	15	25	28	92	25
983 Nashville: Colored.....	Deaths.....	1,048	33	9	1	3		45	2	32	14	139	29
984 Nashville: Total.....	Death rate..	1,996.7	59.5	15.1	0.9	12.3		67.1	16.1	53.8	39.7	215.2	51.0
985 Nashville: White.....	Death rate..	1,602.8	45.1	10.5		15.0		39.1	22.6	37.6	42.1	138.3	37.6
986 Nashville: Colored.....	Death rate..	2,661.9	83.8	22.9	2.5	7.6		114.3	5.1	81.3	35.6	353.1	73.7
TEXAS. ³													
987 Galveston: Total.....	Deaths.....	620	12	3		1		1	4	11	4	58	5
988 Galveston: White.....	Deaths.....	431	10	1				1	2	11	4	33	4
989 Galveston: Colored.....	Deaths.....	189	2	2		1			2			25	1
990 Galveston: Total.....	Death rate..	1,717.7	33.2	8.3		2.8		2.8	11.1	30.5	11.1	160.7	13.9
991 Galveston: White.....	Death rate..	1,533.3	35.6	3.6				3.6	7.1	39.1	14.2	117.4	14.2
992 Galveston: Colored.....	Death rate..	2,367.2	25.1	25.1		12.5			25.1			313.1	12.5
993 San Antonio: Total.....	Deaths.....	1,754	29	16	1	8		3	2	75	19	332	24
994 San Antonio: White.....	Deaths.....	1,536	25	14		7		3	2	64	17	280	23
995 San Antonio: Colored.....	Deaths.....	218	4	2	1	1				11	2	52	1
996 San Antonio: Total.....	Death rate..	2,664.1	44.0	24.3	1.5	12.2		4.6	3.0	113.9	28.9	504.3	36.5
997 San Antonio: White.....	Death rate..	2,720.7	44.3	24.8		12.4		5.3	3.5	113.4	30.1	496.0	40.7
998 San Antonio: Colored.....	Death rate..	2,323.4	42.6	21.3	10.7	10.7				117.2	21.3	554.2	10.7
UTAH. ³													
999 Ogden.....	Deaths.....	289	6			7	13	1	4	3	1	17	4
1000 Ogden.....	Death rate..	1,656.1	34.4			40.1	74.5	5.7	22.9	17.2	5.7	97.4	22.9
1001 Salt Lake City.....	Deaths.....	1,155	30			6	30	13	22	6	8	78	12
1002 Salt Lake City.....	Death rate..	1,815.7	47.2			9.4	47.2	20.4	34.6	9.4	12.6	122.6	18.9
VERMONT.													
1003 Barre.....	Deaths.....	147	3									29	3
1004 Barre.....	Death rate..	1,236.5	25.2									243.9	25.2
1005 Bennington town.....	Deaths.....	126	2							5	1	10	6
1006 Bennington town.....	Death rate..	1,348.3	21.4							53.5	10.7	107.0	64.2

¹ Rates shown for all ages.

² Rates not shown for this cause; see note 2 on page 64.

PRINCIPAL CAUSES AND RATES.

CAUSES OF DEATH, FOR THE REGISTRATION AREA, ITS MAIN SUBDIVISIONS, THE REGISTRATION STATES, AND CITIES: 1908—Continued.

Table with columns: Tumor, Diabetes, Meningitis, Other diseases of nervous system, Diseases of circulatory system, Pneumonia (lobar and unqualified), Other diseases of respiratory system, Diarrhea and enteritis (Under 2 years, 2 years and over), Other diseases of digestive system, Bright's disease and nephritis, Child-birth, Diseases of early infancy, Suicide, Accident, Ill-defined causes, All other causes, Cause unknown. Rows contain numerical data for each category, with some cells containing codes like (2), (3), (4), (5), (6).

* Nonregistration state; cities stated below only those with effective local ordinances.

MORTALITY STATISTICS.

TABLE 3.—DEATHS (EXCLUSIVE OF STILLBIRTHS) AND DEATH RATES PER 100,000 OF POPULATION, FROM CERTAIN REGISTRATION

REGISTRATION AREA.	CAUSES OF DEATH.												
	All causes.	Typhoid fever.	Malaria fever.	Small-pox.	Measles.	Scarlet fever.	Whooping cough.	Diphtheria and croup.	Influenza.	All other epidemic diseases.	Tuberculosis of lungs.	Other forms of tuberculosis.	Cancer.
REGISTRATION CITIES—Continued.													
VERMONT—continued.													
1007	Burlington	Deaths.....	399	2				5	5		10	9	21
1008	Burlington	Death rate..	1,823.6	9.1			4.6	22.9	22.9		45.7	41.1	96.0
1009	Rutland	Deaths.....	213				4	2	6	3	11	3	11
1010	Rutland	Death rate..	1,758.0				33.0	16.5	49.5	24.8	90.8	24.8	90.8
VIRGINIA. ³													
Alexandria:													
1011	Total	Deaths.....	284	6				2	1	1	23	3	13
1012	White	Deaths.....	168	4				1	1		12	2	11
1013	Colored	Deaths.....	116	2							11	1	2
1014	Total	Death rate..	1,934.7	40.9				13.6	6.8	6.8	156.7	20.4	88.6
1015	White	Death rate..	1,665.2	39.6				9.9	9.9		118.9	19.8	109.0
1016	Colored	Death rate..	2,527.2	43.6				21.8		21.8	239.7	21.8	43.6
Danville:													
1017	Total	Deaths.....	444	13	3			12	2	11	49	7	9
1018	White	Deaths.....	242	8	1			5	2	4	30	7	6
1019	Colored	Deaths.....	202	5	2			7		7	19		3
1020	Total	Death rate..	2,282.3	66.8	15.4			61.7	10.3	56.5	72.0	36.0	46.3
1021	White	Death rate..	2,054.7	67.9	8.5			42.5	17.0	34.0	76.4	58.4	50.9
1022	Colored	Death rate..	2,631.6	65.1	26.1			91.2		91.2	247.5		39.1
Lynchburg:													
1023	Total	Deaths.....	440	20	1			3		3	4	6	12
1024	White	Deaths.....	241	15	1			3		2	2	3	9
1025	Colored	Deaths.....	199	5						1	2	3	3
1026	Total	Death rate..	1,525.1	69.3	3.3			10.4		10.4	13.9	20.8	41.6
1027	White	Death rate..	1,483.5	92.3	6.2			18.5		12.3	12.3	15.5	55.4
1028	Colored	Death rate..	1,578.7	39.7				7.9		7.9	15.9	23.8	23.8
Manchester:													
1029	Total	Deaths.....	175	2				3	1	5	1	25	4
1030	White	Deaths.....	104	1				1	1	2		10	4
1031	Colored	Deaths.....	71	1				2		3	1	15	
1032	Total	Death rate..	1,734.4	19.8				29.7	9.9	49.6	9.9	247.8	39.6
1033	White	Death rate..	1,570.5	15.1				15.1	15.1	30.2		151.0	60.4
1034	Colored	Death rate..	2,047.3	28.8				57.7		86.5	28.8	432.5	60.4
Norfolk:													
1035	Total	Deaths.....	1,434	44	14		4	17	13	10	23	13	184
1036	White	Deaths.....	655	31	1		4	17	8	9	12	6	48
1037	Colored	Deaths.....	779	13	13				10	1	11	7	136
1038	Total	Death rate..	2,044.8	62.7	20.0		5.7	24.2	18.5	14.3	32.8	18.5	262.4
1039	White	Death rate..	1,654.7	78.3	2.5		10.1	42.9	7.6	22.7	30.3	15.2	121.3
1040	Colored	Death rate..	2,550.3	42.6	42.6				32.7	3.3	36.0	22.9	445.2
Petersburg:													
1041	Total	Deaths.....	626	11	7	2			18	3	29	2	67
1042	White	Deaths.....	230	6	1	2			4	3	2	1	30
1043	Colored	Deaths.....	396	5	6				14		27	1	37
1044	Total	Death rate..	2,870.2	50.4	32.1	9.2			82.5	13.8	133.0	9.2	307.2
1045	White	Death rate..	2,080.1	54.3	9.0	18.1			36.2	27.1	18.1	9.0	271.3
1046	Colored	Death rate..	3,682.7	46.5	55.8				130.2		251.1	9.3	344.1
Richmond:													
1047	Total	Deaths.....	2,486	57	7		7	1	32	4	38	21	223
1048	White	Deaths.....	1,261	39	2		6	1	11	2	14	10	105
1049	Colored	Deaths.....	1,225	18	5		1		21	2	24	11	118
1050	Total	Death rate..	2,305.2	52.9	6.5		6.5	0.9	29.7	3.7	35.2	19.5	206.8
1051	White	Death rate..	1,833.6	58.3	3.0		9.0	1.5	16.4	3.0	20.9	14.9	156.8
1052	Colored	Death rate..	2,905.4	44.0	12.2		2.4		51.3	4.9	58.7	26.9	288.5
WASHINGTON. ⁴													
1053	Seattle	Deaths.....	1,950	38			3	4	1	41	6	9	167
1054	Seattle	Death rate..	(¹)	(¹)			(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
1055	Spokane	Deaths.....	1,247	47	1	2		2	1	7	35	12	14
1056	Spokane	Death rate..	(¹)	(¹)	(¹)	(¹)		(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
1057	Tacoma	Deaths.....	810	20				2	3	5	12	4	5
1058	Tacoma	Death rate..	(¹)	(¹)				(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
1059	Walla Walla	Deaths.....	239	8						7			18
1060	Walla Walla	Death rate..	(¹)	(¹)						(¹)			(¹)
WEST VIRGINIA. ³													
1061	Wheeling	Deaths.....	674	28					1	17	11	5	58
1062	Wheeling	Death rate..	1,591.0	66.1					2.4	40.1	26.0	11.8	9.4
WISCONSIN.													
1063	Appleton	Deaths.....	243	1					6		3	4	2
1064	Appleton	Death rate..	1,338.9	5.5					33.1		16.5	22.0	11.0
1065	Ashland	Deaths.....	203	7					1		3	5	1
1066	Ashland	Death rate..	1,319.4	45.5					6.5		19.5	32.5	6.5

¹ Rates shown for all ages.² Rates not shown for this cause; see note 2 on page 64.

PRINCIPAL CAUSES AND RATES.

CAUSES OF DEATH, FOR THE REGISTRATION AREA, ITS MAIN SUBDIVISIONS, THE REGISTRATION STATES, AND CITIES: 1908—Continued.

CAUSES OF DEATH—continued.																		
Tumor.	Dia- betes.	Menin- gitis.	Other diseases of nervous system.	Diseases of cir- culatory system.	Pneu- monia (lobar and unqual- ified).	Other diseases of respi- ratory system.	Diarrhea and enteritis. ¹		Other diseases of digestive system.	Bright's disease and nephritis.	Child- birth. ²	Diseases of early infancy.	Suicide.	Acci- dent.	Ill- defined causes.	All other causes.	Cause un- known.	
							Under 2 years.	2 years and over.										
-----	3	6	19	49	24	20	71	1	25	18	3	17	2	25	4	59	1007	
-----	13.7	27.4	86.8	228.9	109.7	91.4	329.1		114.3	82.3	(2)	77.7	9.1	114.3	18.3	283.4	1008	
-----	1	2	24	34	11	4	16	4	12	21	4	4	2	11	1	19	1009	
-----	8.3	16.5	198.1	280.6	90.8	33.0	165.1		99.0	173.3	(2)	33.0	16.5	90.8	8.3	189.8	1010	
-----	3	8	22	33	18	18	20	3	6	29	1	14	3	11	20	24	1011	
-----	3	7	13	20	8	7	11	1	3	15	1	10	3	7	10	16	1012	
-----	3	9	9	13	10	11	9	2	3	14		4	3	4	8	8	1013	
-----	20.4	54.5	149.9	224.8	122.6	122.6	156.7		40.9	197.6	(2)	95.4	20.4	74.9	136.2	170.3	1014	
-----	29.7	69.4	128.9	198.2	79.3	69.4	118.9		29.7	148.7	(2)	99.1	29.7	69.4	99.1	168.3	1015	
-----		21.8	196.1	283.2	217.9	239.7	239.7		65.4	305.0		87.1		87.1	217.9	174.3	1016	
-----	1	15	50	34	52	19	20	7	.22	20	4	31	1	11	11	22	1017	
-----		10	25	20	17	4	10	4	14	14	2	20	1	6	9	12	1018	
-----	1	5	25	14	35	15	10	3	8	6	2	11		5	2	10	1019	
-----	5.1	77.1	257.0	174.8	267.3	97.7	138.8		113.1	102.8	(2)	159.4	5.1	56.5	56.5	133.6	1020	
-----		84.9	212.3	169.8	144.3	34.0	118.9		118.9	118.9	(2)	169.8		50.9	76.4	118.9	1021	
-----	13.0	65.1	325.7	182.4	456.0	195.4	169.4		104.2	78.2	(2)	143.3		65.1	26.1	156.3	1022	
-----	3	9	45	37	29	22	31	4	25	22	1	31	6	15	18	26	1023	
-----	3	8	19	16	12	7	20	1	13	14	1	12	5	9	9	20	1024	
-----	1	1	26	21	17	15	11	3	12	8		19	1	6	9	6	1025	
-----	10.4	31.2	156.0	128.2	100.5	76.3	121.3		86.7	76.3	(2)	107.5	20.8	52.0	62.4	93.6	1026	
-----	18.5	49.2	117.0	98.5	73.9	43.1	129.3		80.0	86.2	(2)	73.9	30.8	55.4	55.4	129.3	1027	
-----		7.9	206.3	166.6	134.9	119.0	111.1		95.2	63.5		150.7	7.9	47.6	71.4	47.6	1028	
-----		5	19	11	11	19	12	1	6	10	3	7	3	2	7	14	1029	
-----		5	13	4	3	11	10	1	5	3	3	6	3	2	6	6	1030	
-----		6	7	8	8	8	2		1	7		1		1	8	8	1031	
-----		49.6	188.3	109.0	109.0	188.3	128.8		59.5	99.1	(2)	69.4	29.7	19.8	69.4	168.5	1032	
-----		75.5	196.3	60.4	45.3	166.1	166.1		75.5	45.3	(2)	90.6	45.3	30.2	90.6	135.9	1033	
-----			173.0	201.8	230.7	230.7	57.7		28.8	201.8		28.8			28.8	230.7	1034	
-----	1	11	20	123	147	91	66	21	84	93	18	71	18	75	20	94	1035	
-----	1	6	10	56	57	30	29	10	51	47	10	33	14	41	10	51	1036	
-----	1	5	10	67	90	61	37	11	33	46	8	38	4	34	10	43	1037	
-----	1.4	15.7	28.5	175.4	209.6	129.8	124.1		119.8	132.6	(2)	101.2	25.7	106.9	28.5	159.7	1038	
-----		15.2	25.3	141.5	144.0	75.8	98.5		128.8	118.7	(2)	83.4	35.4	103.6	25.3	154.1	1039	
-----	3.3	16.4	32.7	219.3	294.6	199.7	157.1		108.0	150.6	(2)	124.4	13.1	111.3	32.7	167.0	1040	
-----	2	3	1	59	64	49	50	12	13	66	8	34	6	28	29	22	1041	
-----	1	2	1	17	26	12	19	7	7	24	4	11	5	13	5	8	1042	
-----	1	1	42	38	37	15	31	5	6	42	4	23	1	15	24	14	1043	
-----	9.2	13.8	4.6	270.5	293.4	224.7	284.3		59.6	302.6	(2)	155.9	27.5	128.4	133.0	137.6	1044	
-----	9.0	18.1	9.0	153.7	235.1	108.5	235.1		63.3	217.1	(2)	99.5	45.2	117.6	45.2	108.5	1045	
-----	9.3	9.3		390.6	353.4	344.1	334.8		55.8	390.6	(2)	213.9	9.3	139.5	223.2	167.4	1046	
-----	1	13	26	289	252	152	140	37	150	179	37	136	13	100	69	185	1047	
-----	1	13	17	136	130	52	73	21	86	117	22	69	12	46	25	103	1048	
-----			9	153	122	100	67	16	64	62	15	67	1	54	44	82	1049	
-----	0.9	12.1	24.1	268.0	233.7	140.9	164.1		139.1	166.0	(2)	-126.1	12.1	92.7	64.0	205.9	1050	
-----	1.5	19.4	25.4	203.1	194.2	77.7	140.4		128.5	174.8	(2)	103.1	17.9	68.7	37.3	186.7	1051	
-----			22.0	374.1	298.3	244.5	203.0		156.5	151.6	(2)	163.8	2.4	132.0	107.6	237.2	1052	
-----	3	22	47	133	244	89	75	9	144	123	38	73	69	212	14	173	1053	
-----	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(2)	(4)	(4)	(4)	(4)	(4)	(4)	1054
-----	3	9	29	83	104	41	57	11	89	71	21	54	28	96	29	114	1055	
-----	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(2)	(4)	(4)	(4)	(4)	(4)	(4)	1056
-----	3	10	18	67	83	38	26	3	57	63	18	29	19	67	4	68	1057	
-----	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(2)	(4)	(4)	(4)	(4)	(4)	(4)	1058
-----		4	7	23	20	16	13	5	22	11	4	8	2	12	5	23	1059	
-----	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(2)	(4)	(4)	(4)	(4)	(4)	(4)	1060
-----	2	11	55	56	53	29	29	7	56	45	8	24	10	54	7	69	1061	
-----	4.7	26.0	129.8	132.2	125.1	68.5	85.0		132.2	106.2	(2)	56.7	23.6	127.5	16.5	181.8	1062	
-----	6	4	18	19	17	5	9		18	20	3	13	3	14	11	25	1063	
-----	33.1	22.0	99.2	104.7	93.7	27.5	49.6		99.2	110.2	(2)	71.6	16.5	77.1	60.6	154.3	1064	
-----	4	5	13	17	17	7	7	1	15	6	3	15	4	28	4	12	1065	
-----	26.0	32.5	84.5	110.5	110.5	45.5	52.0		97.5	6.5	(2)	97.5	26.0	182.0	26.0	97.5	1066	

¹ Nonregistration state; cities stated below only those with effective local ordinances.

² Population not estimated.

MORTALITY STATISTICS.

TABLE 3.—DEATHS (EXCLUSIVE OF STILLBIRTHS) AND DEATH RATES PER 100,000 OF POPULATION, FROM CERTAIN REGISTRATION

REGISTRATION AREA.		CAUSES OF DEATH.												
		All causes.	Typhoid fever.	Malarial fever.	Small-pox.	Measles.	Scarlet fever.	Whooping cough.	Diphtheria and croup.	Influenza.	All other epidemic diseases.	Tuberculosis of lungs.	Other forms of tuberculosis.	Cancer.
REGISTRATION CITIES—Continued.														
WISCONSIN—continued.														
1067	Beloit.....	Deaths.....	153			1				4	3	10	6	15
1068		Death rate..	1,069.5			7.0				28.0	21.0	69.9	41.9	104.9
1069	Chippewa Falls.....	Deaths.....	147	1			2		1	2	2	15	8	8
1070		Death rate..	1,538.0	10.5			20.9		10.5	20.9	20.9	156.9	83.7	83.7
1071	Eau Claire.....	Deaths.....	256	10		1			1	6	1	20	3	14
1072		Death rate..	1,314.9	51.4		5.1			5.1	30.8	5.1	102.7	15.4	71.9
1073	Fond du Lac.....	Deaths.....	254	2	1	1		2	1	3	1	19	3	18
1074		Death rate..	1,366.5	10.8	5.4	5.4		10.8	5.4	16.1	5.4	102.2	16.1	96.8
1075	Green Bay.....	Deaths.....	453	8		4	1		12	1	3	25	8	25
1076		Death rate..	1,786.6	31.6		15.8	3.9		47.3	3.9	11.8	98.6	31.6	98.6
1077	Janesville.....	Deaths.....	197	2	1		4		2	1	1	19	4	11
1078		Death rate..	1,395.1	14.2	7.1		28.3		14.2	7.1	7.1	134.6	28.3	77.9
1079	Kenosha.....	Deaths.....	235	11			1	6	3	4	1	16	2	6
1080		Death rate..	1,244.2	58.2			5.3	31.8	15.9	21.2	5.3	84.7	10.6	31.8
1081	La Crosse.....	Deaths.....	385	2	1		1	2	3	11		44	5	33
1082		Death rate..	1,319.1	6.9	3.4		3.4	6.9	10.3	37.7		150.8	17.1	113.1
1083	Madison.....	Deaths.....	256	5			2	2	5	7	3	14	6	20
1084		Death rate..	955.9	18.7			7.5	7.5	18.7	26.1	11.2	52.3	22.4	74.7
1085	Manitowoc.....	Deaths.....	170	3					7	2		15	1	7
1086		Death rate..	1,278.2	22.6					52.6	15.0		112.8	7.5	52.6
1087	Marinette.....	Deaths.....	172	2				1	1	3		14	6	13
1088		Death rate..	1,158.2	13.5				6.7	6.7	20.2		94.3	40.4	87.5
1089	Merrill.....	Deaths.....	118	2			3		4	1	2	14	2	6
1090		Death rate..	1,230.1	20.8			31.3		41.7	10.4	20.8	145.0	20.8	62.5
1091	Milwaukee.....	Deaths.....	4,446	57		29	21	47	72	54	15	386	53	223
1092		Death rate..	1,356.0	17.4		8.8	6.4	14.3	22.0	16.5	4.6	117.7	16.2	68.0
1093	Oshkosh.....	Deaths.....	445	12		2		5	3	2	1	37	9	31
1094		Death rate..	1,392.8	37.6		6.3		15.6	9.4	6.3	3.1	115.8	28.2	97.0
1095	Racine.....	Deaths.....	400	7	1		4	2	3	13	1	43	6	20
1096		Death rate..	1,169.5	20.5	2.9		11.7	5.8	8.8	38.0	2.9	125.7	17.5	58.5
1097	Sheboygan.....	Deaths.....	308	24			5	3	3	4	3	22	7	27
1098		Death rate..	1,248.8	97.3			20.3	12.2	12.2	16.2	12.2	89.2	28.4	109.5
1099	Stevens Point.....	Deaths.....	164	1					10	8	2	8	1	8
1100		Death rate..	1,880.3	11.5					114.7	91.7	22.9	91.7	11.5	91.7
1101	Superior.....	Deaths.....	381	6			1		13	4	5	30	6	18
1102		Death rate..	956.6	15.1			2.5		32.6	10.0	12.6	75.3	15.1	45.2
1103	Watertown.....	Deaths.....	103	1				3	4	1	3	13		8
1104		Death rate..	1,179.4	11.5				34.4	45.8	11.5	34.4	148.9		91.6
1105	Wausau.....	Deaths.....	201	4			2	1	2	2	2	14		17
1106		Death rate..	1,278.6	25.4			12.7	6.4	12.7	12.7	12.7	89.1		108.1

1 Rates shown for all ages.

PRINCIPAL CAUSES AND RATES.

CAUSES OF DEATH, FOR THE REGISTRATION AREA, ITS MAIN SUBDIVISIONS, THE REGISTRATION STATES, AND CITIES: 1908—Continued.

CAUSES OF DEATH—continued.																			
Tumor.	Dia- betes.	Menin- gitis.	Other diseases of nervous system.	Diseases of circ- ulatory system.	Pneumonia (lobar and unquali- fied).	Other diseases of respira- tory system.	Diarrhea and enteritis. ¹		Other diseases of digestive system.	Bright's disease and nephritis.	Child- birth. ²	Diseases of early infancy.	Suicide.	Acci- dent.	Ill- defined causes.	All other causes.	Cause un- known.		
							Under 2 years.	2 years and over.											
.....	3	2	11	17	12	7	5	1	12	4	2	8	.....	9	1	20	.....	1067	
.....	21.0	14.0	76.9	118.8	83.9	48.9	41.9	.....	83.9	28.0	(?)	55.9	.....	62.9	7.0	153.8	.....	1068	
.....	1	5	10	17	11	3	7	.....	17	3	1	10	.....	2	8	.....	.....	1069	
.....	10.5	52.3	104.6	177.9	115.1	31.4	73.2	.....	177.9	31.4	(?)	104.6	.....	20.9	83.7	20.9	94.2	31.4	1070
.....	2	12	30	25	13	8	4	.....	29	16	4	4	.....	2	23	6	16	.....	1071
.....	10.3	10.3	61.6	154.1	128.4	66.8	41.1	.....	149.0	82.2	(?)	20.5	.....	10.3	118.1	30.8	102.7	10.3	1072
.....	1	4	25	27	17	15	13	.....	24	4	1	12	.....	5	14	7	28	.....	1073
.....	5.4	21.5	134.5	145.3	91.5	80.7	80.7	.....	129.1	21.5	(?)	64.6	.....	26.9	75.3	37.7	156.0	21.5	1074
.....	1	10	47	30	38	12	32	.....	36	25	6	33	.....	2	26	11	54	.....	1075
.....	3.9	39.4	185.4	118.3	149.9	47.3	138.0	.....	142.0	98.6	(?)	130.1	.....	7.9	102.5	43.4	236.6	.....	1076
.....	1	3	25	27	10	5	5	.....	19	8	2	9	.....	2	15	2	17	.....	1077
.....	7.1	21.2	177.0	191.2	70.8	35.4	42.5	.....	134.6	56.7	(?)	63.7	.....	14.2	106.2	14.2	134.6	7.1	1078
.....	.....	2	11	29	18	7	25	.....	15	15	3	14	.....	4	22	2	15	.....	1079
.....	.....	10.6	58.2	153.5	95.3	37.1	143.0	.....	79.4	79.4	(?)	74.1	.....	21.2	116.5	10.6	95.3	5.3	1080
.....	5	9	31	48	14	16	9	.....	43	16	7	19	.....	3	27	5	27	.....	1081
.....	17.1	30.8	106.2	164.5	48.0	54.8	44.5	.....	147.3	54.8	(?)	65.1	.....	10.3	92.5	17.1	116.5	.....	1082
.....	.....	4	19	35	11	5	7	.....	26	10	4	16	.....	1	18	7	27	.....	1083
.....	.....	14.9	70.9	130.7	41.1	18.7	33.6	.....	97.1	37.3	(?)	59.7	.....	3.7	67.2	26.1	115.7	.....	1084
.....	2	6	14	27	4	2	6	.....	13	8	1	15	.....	2	13	9	12	.....	1085
.....	15.0	45.1	105.3	203.0	30.1	15.0	52.6	.....	97.7	60.2	(?)	112.8	.....	15.0	97.7	67.7	97.7	.....	1086
.....	2	5	13	19	8	6	15	.....	7	9	.....	14	.....	.....	6	6	16	.....	1087
.....	13.5	33.7	87.5	127.9	58.9	40.4	127.9	.....	47.1	60.6	.....	94.3	.....	.....	40.4	40.4	107.7	13.5	1088
.....	.....	4	6	9	10	4	2	.....	13	7	2	5	.....	7	7	2	10	.....	1089
.....	.....	41.7	62.5	93.8	104.2	41.7	52.1	.....	135.5	73.0	(?)	52.1	.....	.....	73.0	20.8	125.1	.....	1090
.....	1	54	81	372	419	253	410	.....	258	211	38	319	.....	82	224	62	305	.....	1091
.....	0.3	16.5	24.7	113.5	127.8	77.2	140.0	.....	78.7	64.4	(?)	97.3	.....	25.0	68.3	18.9	104.6	.....	1092
.....	2	6	39	72	36	15	29	.....	31	12	2	23	.....	2	17	13	33	.....	1093
.....	6.3	18.8	25.0	122.1	112.7	46.9	100.2	.....	97.0	37.6	(?)	72.0	.....	6.3	53.2	40.7	109.5	.....	1094
.....	1	4	7	31	41	25	27	.....	27	21	1	18	.....	8	29	6	22	.....	1095
.....	2.9	11.7	20.5	90.6	119.9	73.1	90.6	.....	78.9	61.4	(?)	52.6	.....	23.4	34.8	17.5	67.2	2.9	1096
.....	4	9	27	24	10	12	19	.....	17	20	4	11	.....	6	17	7	20	.....	1097
.....	16.2	36.5	109.5	97.3	40.5	48.7	85.1	.....	68.9	81.1	(?)	44.6	.....	24.3	68.9	28.4	97.3	4.1	1098
.....	1	2	7	11	4	4	9	.....	15	2	2	12	.....	.....	7	3	19	.....	1099
.....	11.5	22.9	80.3	126.1	240.8	45.9	126.1	.....	172.0	22.9	(?)	137.6	.....	.....	80.3	34.4	240.8	57.3	1100
.....	2	13	22	19	29	7	23	.....	21	17	8	31	.....	4	55	8	29	.....	1101
.....	5.0	32.6	55.2	47.7	72.8	17.6	77.8	.....	52.7	42.7	(?)	77.8	.....	10.0	138.1	20.1	92.9	5.0	1102
.....	2	1	13	7	6	8	.....	.....	4	5	.....	6	.....	1	3	3	9	.....	1103
.....	22.9	11.5	148.9	80.2	68.7	91.6	22.9	.....	45.8	57.3	.....	68.7	.....	11.5	34.4	34.4	103.1	.....	1104
.....	2	3	23	18	20	7	4	.....	10	7	8	12	.....	4	13	3	20	.....	1105
.....	12.7	19.1	146.3	114.5	127.2	44.5	44.5	.....	63.6	44.5	(?)	76.3	.....	25.4	82.7	19.1	178.1	.....	1106

² Rates not shown for this cause; see note 2 on page 64.

TABLE 4.—DEATHS (EXCLUSIVE OF STILLBIRTHS) AND DEATH RATES PER 100,000 OF POPULATION, IN THE REGISTRATION AREA, FROM EACH CAUSE AND CLASS OF CAUSES: 1904 TO 1908.

CAUSE OF DEATH.	NUMBER OF DEATHS.					NUMBER OF DEATHS PER 100,000 OF POPULATION.						
	Annual average: 1901 to 1905.	1904	1905	1906	1907	1908	Annual average: 1901 to 1905.	1904	1905	1906	1907	1908
All causes.....	529,630	551,354	545,533	658,105	687,084	691,574	1,628.3	1,663.9	1,616.0	1,605.3	1,645.3	1,535.8
I.—General diseases.....	144,987	149,549	145,263	174,702	181,351	186,264	445.8	451.3	430.3	426.1	434.3	413.7
A.—Epidemic diseases.....	44,382	43,033	39,089	50,250	52,879	53,164	136.4	129.9	115.8	122.6	126.6	118.1
Typhoid fever.....	10,458	10,557	9,479	13,160	12,670	11,375	32.2	31.9	28.1	32.1	30.3	25.3
Exanthematic typhus.....	3	2	3		2		(1)	(1)			(1)	
Relapsing fever.....	2	3	1	4		1	(1)	(1)	(1)			(1)
Malarial fever.....	1,568	1,391	1,321	1,415	1,166	1,109	4.8	4.2	3.9	3.5	2.8	2.5
Smallpox.....	1,119	709	308	95	74	92	3.4	2.1	0.9	0.2	0.2	0.2
Measles.....	2,951	3,659	2,557	5,087	4,302	4,611	9.1	11.0	7.6	12.4	10.3	10.2
Scarlet fever.....	3,608	3,610	2,284	3,227	4,309	5,577	11.1	10.9	6.8	7.9	10.3	12.4
Whooping cough.....	3,572	2,183	3,599	6,324	4,856	4,969	11.0	6.6	10.7	15.4	11.6	11.0
Diphtheria and croup.....	9,674	9,444	8,039	10,793	10,154	10,552	29.7	28.5	23.8	26.3	24.3	22.3
Diphtheria.....	7,960	7,898	6,099	9,056	8,575	8,590	24.5	23.8	19.9	22.1	20.5	19.1
Croup.....	1,714	1,546	1,330	1,737	1,579	1,462	5.3	4.7	3.9	4.2	3.8	3.2
Influenza.....	6,506	6,724	6,426	4,320	10,066	9,989	20.0	20.3	19.0	10.5	24.1	22.2
Miliary fever.....	3					1	(1)	(1)				(1)
Asiatic cholera.....												
Cholera nostras.....	460	397	449	552	401	492	1.4	1.2	1.3	1.3	1.0	1.1
Dysentery.....	2,810	2,567	2,588	3,352	2,779	2,930	8.6	7.7	7.7	8.2	6.7	6.5
Plague.....	18	7			89	5	0.1	(1)				(1)
Yellow fever.....	92		438		1	2	0.3		1.3		(1)	(1)
Leprosy.....	5	4	8	3	7	11	(1)	(1)	(1)	(1)	(1)	(1)
Erysipelas.....	1,455	1,680	1,510	1,768	1,856	1,815	4.5	5.1	4.5	4.3	4.4	4.0
Other epidemic diseases.....	76	94	79	150	147	133	0.2	0.3	0.2	0.4	0.4	0.3
B.—Other general diseases.....	100,605	106,516	106,174	124,452	128,472	133,100	309.3	321.5	314.5	303.6	307.7	295.6
Septicæmia.....	1,998	1,886	1,780	1,861	1,869	1,727	6.1	5.7	5.3	4.5	4.5	3.8
Glanders and farcy.....	5	3	3	8	8	3	(1)	(1)	(1)	(1)	(1)	(1)
Malignant pustule and charbon.....	23	25	20	22	23	22	0.1	0.1	0.1	0.1	0.1	0.1
Rabies.....	42	38	44	85	75	82	0.1	0.1	0.1	0.2	0.2	0.2
Actinomycosis, trichinosis, etc.....	14	18	15	21	21	23	(1)	(1)	(1)	0.1	0.1	0.1
Pellagra.....	1	1				35	(1)	(1)	(1)			0.1
Tuberculosis (all forms).....	62,835	66,797	65,352	75,512	76,650	78,289	193.2	201.6	193.6	184.2	183.6	173.9
Tuberculosis of lungs.....	55,251	58,773	56,770	65,341	66,374	67,376	169.9	177.3	168.2	159.4	158.9	149.6
Tuberculosis of larynx.....	557	570	610	645	690	698	1.7	1.7	1.8	1.6	1.7	1.6
Tuberculosis meningitis.....	2,905	3,025	3,264	3,938	4,062	4,218	8.9	9.1	9.7	9.6	9.7	9.4
Abdominal tuberculosis.....	1,946	2,098	2,193	2,663	2,629	2,723	6.0	6.3	6.5	6.5	6.3	6.0
Pott's disease.....	492	519	563	618	594	594	1.5	1.6	1.7	1.5	1.4	1.7
Tuberculous abscess.....	56	62	61	49	65	87	0.2	0.2	0.2	0.1	0.2	0.2
White swelling.....	234	241	261	315	269	356	0.7	0.7	0.8	0.8	0.6	0.8
Tuberculosis of other organs.....	467	545	539	685	713	785	1.4	1.6	1.7	1.7	1.7	1.7
General tuberculosis.....	926	974	1,091	1,258	1,254	1,300	2.8	2.9	3.2	3.1	3.0	2.9
Scrofula.....	143	124	126	136	109	120	0.4	0.4	0.4	0.3	0.3	0.3
Veneral diseases.....	1,376	1,569	1,596	2,076	2,322	2,543	4.2	4.7	4.7	5.1	5.6	5.6
Syphilis.....	1,335	1,507	1,534	2,006	2,235	2,432	4.1	4.5	4.5	4.9	5.4	5.4
Gonorrhæa (5 years and over).....	19	28	27	34	41	51	0.1	0.1	0.1	0.1	0.1	0.1
Gonorrhæa (under 5 years).....	22	34	35	36	46	60	0.1	0.1	0.1	0.1	0.1	0.1
Cancer.....	22,214	23,395	24,330	29,020	30,514	33,465	68.3	70.6	72.1	70.8	73.1	74.3
Cancer of mouth.....	677	737	792	941	968	1,148	2.1	2.2	2.3	2.3	2.3	2.5
Cancer of stomach and liver.....	8,091	8,744	8,939	10,946	11,596	13,044	24.9	26.4	26.5	26.7	27.8	29.0
Cancer of intestines.....	2,332	2,399	2,732	3,273	3,570	3,963	7.2	7.2	8.1	8.0	8.5	8.8
Cancer of female genital organs.....	3,263	3,436	3,637	4,070	4,388	5,250	10.0	10.4	10.8	10.0	10.5	11.7
Cancer of breast.....	1,845	2,030	2,010	2,421	2,590	3,023	5.7	6.1	6.0	5.9	6.2	6.7
Cancer of skin.....	740	758	818	984	1,121	1,282	2.3	2.3	2.4	2.4	2.7	2.8
Cancer of other or unspecified organs.....	5,266	5,291	5,402	6,365	6,281	5,755	16.2	16.0	16.0	15.5	15.0	12.8
Tumor.....	488	444	501	470	508	458	1.5	1.3	1.5	1.1	1.2	1.0
Rheumatism.....	2,889	3,187	2,827	3,336	3,439	3,541	8.9	9.6	8.4	8.1	8.2	7.9
Acute articular rheumatism.....	1,698	2,100	1,918	2,218	2,309	2,432	5.2	6.3	5.7	5.4	5.5	5.4
Chronic rheumatism and gout.....	1,191	1,087	909	1,118	1,130	1,109	3.7	3.3	2.7	2.7	2.7	2.5
Diabetes.....	3,772	4,259	4,397	5,331	5,801	6,274	11.6	12.9	13.0	13.0	13.9	13.9
Exophthalmic goiter.....	218	247	256	349	389	500	0.7	0.7	0.8	0.9	0.9	1.1
Addison's disease.....	149	148	191	156	199	199	0.5	0.4	0.4	0.5	0.4	0.4
Leukæmia.....	394	400	480	599	689	689	1.2	1.2	1.4	1.5	1.6	1.5
Anæmia, chlorosis.....	1,578	1,607	1,687	2,093	2,185	2,152	4.9	4.8	5.0	5.1	5.2	4.8
Alcoholism.....	2,002	1,927	2,106	2,707	3,130	2,348	6.2	5.8	6.2	6.6	7.5	5.2
Lead poisoning.....	87	81	87	97	92	95	0.3	0.2	0.3	0.2	0.2	0.2
Other occupational poisonings.....	5	3	8	6	6	4	(1)	(1)	(1)	(1)	(1)	(1)
Other chronic poisonings.....	106	170	169	228	195	220	0.5	0.5	0.5	0.6	0.5	0.5
Scurvy.....	48	50	44	62	60	59	0.1	0.2	0.1	0.2	0.1	0.1
Other general diseases.....	158	137	205	242	262	252	0.5	0.4	0.6	0.6	0.6	0.6
II.—Diseases of nervous system.....	60,040	60,581	61,556	70,322	73,298	71,090	184.6	182.8	182.3	171.5	175.5	157.9
Encephalitis.....	630	530	465	496	520	452	1.9	1.6	1.4	1.2	1.2	1.0
Meningitis.....	10,366	10,553	11,654	10,502	11,109	8,904	31.9	31.8	34.5	25.6	26.6	19.8
Meningitis (simple and unqualified).....	7,601	7,269	6,540	7,244	7,365	6,304	23.4	21.9	19.4	17.7	17.6	14.0
Epidemic cerebro spinal meningitis.....	2,765	3,284	5,114	3,258	3,744	2,600	8.5	9.9	15.1	7.9	9.0	5.8
Locomotor ataxia.....	786	820	883	1,097	1,127	1,198	2.4	2.5	2.6	2.7	2.7	2.7
Other diseases of spinal cord.....	1,589	1,653	1,724	2,030	2,234	2,412	4.9	5.0	5.1	5.0	5.3	5.4
Apoplexy.....	22,756	23,828	24,390	29,434	31,500	32,467	70.0	71.9	72.2	71.8	75.4	72.1
Softening of brain.....	1,198	1,250	1,042	1,277	1,258	1,087	3.7	3.8	3.7	3.1	3.0	2.4
Paralysis.....	6,583	6,431	5,981	6,933	8,128	7,544	20.2	19.4	17.7	16.9	19.5	16.8
General paralysis of insane.....	2,234	2,263	2,450	2,909	2,116	2,387	6.9	6.8	7.3	7.1	5.1	5.3
Other forms of mental disease.....	1,170	1,139	1,039	1,736	1,638	1,723	3.6	3.4	3.1	4.2	4.0	3.8
Other diseases of brain.....	1,446	1,341	1,436	1,691	1,751	1,724	4.4	4.0	4.3	4.1	4.2	3.8
Epilepsy.....	1,452	1,481	1,367	1,863	1,863	1,824	4.5	4.5	4.0	4.5	4.5	4.1
"Convulsions" (all ages).....	7,363	6,802	6,877	7,428	7,060	6,450	22.6	20.5	19.8	18.1	16.9	14.3
"Convulsions" (5 years and over).....	354	310	346	314	304	273	1.1	0.9	1.0	0.8	0.7	0.6
"Convulsions" (under 5 years).....	7,000	6,492	6,331	7,114	6,756	6,177	21.5	19.6	18.8	17.4	16.2	13.7
Tetanus.....	1,150	1,105	1,083	1,213	1,253	1,169	3.5	3.3	3.1	3.0	3.0	2.6
Chorea.....	87	80	87	88	84	102	0.3	0.2	0.3	0.2	0.2	0.2
Other diseases of nervous system.....	795	752	787	959	890	855	2.4	2.3	2.3	2.3	2.1	1.9
Diseases of eye and adnexa.....	22	28	26	23	31	27	0.1	0.1	0.1	0.1	0.1	0.1
Diseases of ear.....	413	525	515	643	716	765	1.3					

DEATHS AND DEATH RATES.

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TABLE 4.—DEATHS (EXCLUSIVE OF STILLBIRTHS) AND DEATH RATES PER 100,000 OF POPULATION, IN THE REGISTRATION AREA, FROM EACH CAUSE AND CLASS OF CAUSES: 1904 TO 1908—Continued.

CAUSE OF DEATH.	NUMBER OF DEATHS.					NUMBER OF DEATHS PER 100,000 OF POPULATION.						
	Annual average: 1901 to 1905.	1904	1905	1906	1907	1908	Annual average: 1901 to 1905.	1904	1905	1906	1907	1908
III.—Diseases of circulatory system..	52,696	57,220	58,503	70,666	78,365	80,607	162.0	172.7	173.3	172.4	187.7	179.0
Pericarditis.....	677	624	594	659	634	585	2.1	1.9	1.8	1.6	1.5	1.3
Endocarditis.....	3,665	3,880	4,265	5,285	5,971	5,994	11.3	11.7	12.6	12.9	14.3	13.3
Heart disease.....	40,612	44,472	44,723	53,581	59,157	60,038	124.9	134.2	132.5	130.7	141.7	133.3
Angina pectoris.....	2,143	2,180	2,281	2,750	2,924	2,997	6.6	6.6	6.8	6.7	7.0	6.7
Diseases of arteries.....	3,066	3,516	4,145	5,478	6,727	7,985	9.4	10.6	12.3	13.4	16.1	17.6
Embolism and thrombosis.....	1,367	1,401	1,417	1,717	1,733	1,907	4.2	4.2	4.2	4.2	4.2	4.2
Diseases of veins.....	187	202	227	244	258	251	0.6	0.6	0.7	0.6	0.6	0.6
Diseases of lymphatics.....	65	83	73	92	92	126	0.2	0.3	0.2	0.2	0.2	0.3
Hemorrhages.....	862	826	719	823	836	750	2.7	2.5	2.1	2.0	2.0	1.7
Other diseases of circulatory system.....	53	36	59	37	33	24	0.2	0.1	0.2	0.1	0.1	0.1
IV.—Diseases of respiratory system..	72,091	76,975	69,445	82,174	89,246	81,758	221.6	232.3	205.7	200.4	213.7	181.6
Diseases of nasal fossa.....	71	44	88	81	85	85	0.2	0.1	0.3	0.2	0.2	0.2
Diseases of larynx.....	756	710	610	819	801	770	2.3	2.1	1.8	2.0	1.9	1.7
Laryngitis.....	390	349	258	372	364	344	1.2	1.1	0.8	0.9	0.9	0.8
Other diseases of larynx.....	366	361	352	447	437	426	1.1	1.1	1.0	1.1	1.0	0.9
Diseases of thyroid body.....	97	97	110	147	165	185	0.3	0.3	0.3	0.4	0.4	0.4
Bronchitis.....	12,027	11,931	11,309	12,425	12,920	12,132	37.0	36.0	33.5	30.3	30.9	26.9
Acute bronchitis.....	6,996	6,910	6,598	7,410	7,363	7,089	21.5	20.9	19.5	18.1	17.6	15.7
Chronic bronchitis.....	5,031	5,021	4,711	5,015	5,557	5,043	15.5	15.2	14.0	12.2	13.3	11.2
Pneumonia (all forms).....	51,811	57,176	50,676	61,077	67,320	61,259	159.3	172.6	150.1	149.0	161.2	136.0
Bronchopneumonia.....	10,768	12,219	11,608	15,646	16,881	16,758	33.1	36.9	34.4	38.2	40.4	37.2
Pneumonia (lobar and unqualified).....	41,044	44,957	39,068	45,431	50,439	44,501	126.2	135.7	115.7	110.8	120.8	98.8
Pleurisy.....	1,520	1,598	1,627	1,796	1,898	1,843	4.7	4.8	4.8	4.4	4.5	4.1
Congestion of lungs.....	2,802	2,597	2,297	2,699	2,838	2,596	8.6	7.8	6.3	6.6	6.8	5.8
Gangrene of lungs.....	166	157	174	198	183	146	0.5	0.5	0.5	0.5	0.4	0.3
Asthma.....	1,220	1,207	1,109	1,340	1,402	1,313	3.8	3.6	3.3	3.3	3.4	2.9
Emphysema.....	227	189	176	167	202	175	0.7	0.6	0.5	0.4	0.5	0.4
Other diseases of respiratory system.....	1,333	1,209	1,209	1,425	1,432	1,249	4.3	3.8	3.3	3.5	3.4	2.8
Hemorrhage of lungs.....	750	675	707	761	684	634	2.3	2.0	2.1	1.9	1.6	1.4
Other diseases of respiratory system.....	643	594	582	664	748	615	2.0	1.8	1.6	1.8	1.8	1.4
V.—Diseases of digestive system.....	64,085	66,125	68,940	86,278	84,800	89,643	197.0	199.6	204.2	210.5	203.1	199.1
Diseases of mouth.....	242	256	232	335	305	324	0.7	0.8	0.7	0.8	0.7	0.7
Diseases of pharynx.....	473	520	477	641	710	690	1.5	1.6	1.4	1.6	1.7	1.5
Tonsillitis.....	272	290	270	376	445	386	0.8	0.9	0.8	0.9	1.1	0.9
Other diseases of pharynx.....	201	230	207	265	265	304	0.6	0.7	0.6	0.6	0.6	0.7
Diseases of esophagus.....	113	110	117	124	151	137	0.3	0.3	0.3	0.3	0.4	0.3
Ulcer of stomach.....	964	1,044	1,094	1,423	1,481	1,523	3.0	3.2	3.2	3.5	3.5	3.4
Other diseases of stomach.....	5,786	5,943	6,031	7,702	7,587	7,330	17.8	17.9	17.9	18.8	18.2	17.4
Gastritis.....	3,710	3,710	3,585	4,275	4,109	4,149	11.4	11.2	10.6	10.4	9.8	9.2
Other diseases of stomach.....	2,076	2,233	2,446	3,427	3,478	3,181	6.4	6.7	7.2	8.4	8.3	8.2
Dentition.....	251	173	209	163	202	130	0.8	0.5	0.6	0.4	0.5	0.3
Diarrhea and enteritis (all ages).....	35,704	36,804	39,339	50,385	48,739	52,213	109.8	111.3	116.7	122.9	116.7	116.0
Diarrhea and enteritis (under 2 years).....	29,034	30,315	33,032	42,581	41,563	44,521	89.4	91.5	97.8	103.9	99.5	98.9
Diarrhea and enteritis (2 years and over).....	6,610	6,549	6,367	7,804	7,176	7,692	20.3	19.8	18.9	19.0	17.2	17.1
Intestinal parasites.....	38	37	48	66	58	65	0.1	0.1	0.1	0.2	0.1	0.1
Hernia.....	1,364	1,405	1,413	1,771	1,785	1,867	4.2	4.2	4.2	4.3	4.3	4.1
Obstruction of intestines.....	2,892	3,040	3,219	3,926	3,937	4,109	8.9	9.2	9.5	9.6	9.4	9.1
Other diseases of intestines.....	945	932	1,013	1,221	1,106	1,248	2.9	2.8	3.0	3.0	2.6	2.8
Acute yellow atrophy of liver.....	131	143	147	152	169	187	0.4	0.4	0.4	0.4	0.4	0.4
Hydatid tumors of liver.....	11	12	14	13	9	13	(1)	(1)	(1)	(1)	(1)	(1)
Cirrhosis of liver.....	4,694	5,020	4,994	6,079	6,604	6,709	14.4	15.1	14.8	14.8	15.8	14.9
Biliary calculi.....	736	832	883	1,134	1,110	1,275	2.3	2.5	2.6	2.8	2.7	2.8
Other diseases of liver.....	2,443	2,340	2,289	2,851	2,808	2,746	7.5	7.1	6.8	7.0	6.7	6.1
Diseases of spleen.....	85	76	90	101	89	94	0.3	0.2	0.3	0.2	0.2	0.2
Peritonitis.....	3,537	3,331	3,105	3,357	3,131	2,978	10.9	10.1	9.2	8.2	7.5	6.6
Appendicitis.....	3,589	3,946	4,062	4,673	4,671	5,289	11.0	11.9	12.0	11.4	11.2	11.7
Other diseases of digestive system.....	88	101	104	156	148	216	0.3	0.3	0.4	0.4	0.4	0.5
VI.—Diseases of genito-urinary system.....	37,584	40,450	41,361	48,038	51,472	51,717	115.5	122.1	122.5	117.2	123.3	114.9
Nephritis and Bright's disease.....	31,703	34,381	35,196	40,933	44,036	43,335	97.5	103.8	104.3	99.8	105.5	97.3
Acute nephritis.....	3,138	3,470	3,565	4,035	4,517	4,632	9.6	10.5	10.6	9.8	10.8	10.3
Bright's disease.....	28,565	30,911	31,631	36,898	39,519	39,203	87.8	93.3	93.7	90.0	94.6	87.1
Other diseases of kidneys.....	926	923	906	1,116	1,130	1,280	2.8	2.8	2.7	2.7	2.7	2.8
Calculi of urinary tract.....	155	154	193	227	229	250	0.5	0.5	0.6	0.6	0.5	0.6
Diseases of bladder.....	1,415	1,408	1,257	1,406	1,491	1,476	4.4	4.2	3.7	3.4	3.6	3.3
Diseases of urethra, urinary abscess, etc.....	136	146	152	173	186	190	0.4	0.4	0.5	0.4	0.4	0.4
Diseases of prostate.....	862	927	1,083	1,296	1,456	1,495	2.7	2.8	3.2	3.2	3.5	3.3
Nonvenereal diseases of male genital organs.....	35	39	31	44	36	39	0.1	0.1	0.1	0.1	0.1	0.1
Metritis.....	78	86	100	121	71	101	0.2	0.3	0.3	0.3	0.2	0.2
Uterine hemorrhage.....	89	79	86	76	69	90	0.3	0.2	0.3	0.2	0.2	0.2
Uterine tumor.....	581	620	611	731	813	845	1.8	1.9	1.8	1.8	1.9	1.9
Other diseases of uterus.....	486	489	496	602	625	616	1.5	1.5	1.5	1.5	1.5	1.4
Ovarian tumor.....	430	433	440	431	456	454	1.3	1.3	1.3	1.1	1.1	1.0
Other diseases of female genital organs.....	671	743	786	860	852	1,015	2.1	2.2	2.3	2.1	2.0	2.3
Diseases of tubes.....	559	654	692	750	755	921	1.7	2.0	2.0	1.8	1.8	2.0
Other diseases of female genital organs.....	112	89	94	110	97	94	0.3	0.3	0.3	0.3	0.2	0.2
Nonpuerperal diseases of breast (cancer excepted).....	17	22	24	22	22	31	0.1	0.1	0.1	0.1	0.1	0.1
VII.—Childbirth.....	4,643	5,109	5,077	6,341	6,719	7,344	14.3	15.4	15.0	15.5	16.1	16.3
Accidents of pregnancy.....	549	579	537	762	757	772	1.7	1.7	1.6	1.9	1.8	1.7
Puerperal hemorrhage.....	337	360	413	454	465	425	1.0	1.1	1.2	1.1	1.1	0.9
Other accidents of labor.....	295	321	286	469	471	598	0.9	1.0	0.8	1.1	1.1	1.3
Puerperal septicaemia.....	2,057	2,291	2,309	2,622	2,908	3,271	6.3	6.9	6.8	6.4	7.0	7.3
Puerperal convulsions.....	911	1,075	981	1,348	1,470	1,619	2.8	3.2	2.9	3.3	3.5	3.6
Puerperal phlegmasia alba dolens.....	4	3	7	32	8	13	(1)	(1)	(1)	(1)	(1)	(1)
Other puerperal accidents.....	488	479	542	654	638	643	1.5	1.4	1.6	1.6	1.5	1.4
Puerperal diseases of breast.....	1	1	2	2	2	3	(1)	(1)	(1)	(1)	(1)	(1)

¹ Less than one-tenth.

MORTALITY STATISTICS.

TABLE 4.—DEATHS (EXCLUSIVE OF STILLBIRTHS) AND DEATH RATES PER 100,000 OF POPULATION, IN THE REGISTRATION AREA, FROM EACH CAUSE AND CLASS OF CAUSES: 1904 TO 1908—Continued.

CAUSE OF DEATH.	NUMBER OF DEATHS.						NUMBER OF DEATHS PER 100,000 OF POPULATION.					
	Annual average: 1901 to 1905.	1904	1905	1906	1907	1908	Annual average: 1901 to 1905.	1904	1905	1906	1907	1908
VIII.—Diseases of skin.....	2,392	2,397	2,406	2,778	2,759	2,817	7.4	7.2	7.1	6.8	6.6	6.3
Gangrene.....	1,457	1,500	1,518	1,592	1,688	1,562	4.5	4.5	4.5	3.9	4.0	3.5
Carbuncle.....	149	134	142	205	167	203	0.5	0.4	0.4	0.5	0.4	0.5
Abscess.....	473	476	432	522	485	514	1.5	1.4	1.3	1.3	1.2	1.1
Other diseases of skin.....	312	287	314	459	419	538	1.0	0.9	0.9	1.1	1.0	1.2
IX.—Diseases of locomotor system...	932	990	1,036	1,235	1,252	1,418	2.9	3.0	3.1	3.0	3.0	3.1
Diseases of bones.....	795	861	929	1,069	1,115	1,296	2.4	2.6	2.8	2.6	2.7	2.9
Diseases of joints.....	75	82	66	91	106	81	0.2	0.2	0.2	0.2	0.3	0.2
Amputation.....	35	27	18	31	12	10	0.1	0.1	0.1	0.1	(1)	(1)
Other diseases of organs of locomotion.....	27	20	23	44	19	31	0.1	0.1	0.1	0.1	(1)	0.1
X.—Malformations.....	3,978	4,382	4,588	6,220	6,452	6,907	12.2	13.2	13.6	15.2	15.5	15.3
Hydrocephalus.....	527	541	499	695	622	681	1.6	1.6	1.5	1.7	1.5	1.5
Congenital malformation of heart (cyanosis).....	2,190	2,434	2,706	3,659	3,987	4,179	6.7	7.3	8.0	8.9	9.4	9.3
Other congenital malformations.....	1,261	1,407	1,883	1,866	1,893	2,047	3.9	4.2	4.1	4.6	4.5	4.5
XI.—Diseases of early infancy.....	22,533	24,001	23,617	29,743	30,637	32,274	69.3	72.4	70.0	72.6	73.4	71.7
Premature birth.....	10,062	11,361	11,102	14,250	15,245	16,441	30.9	34.3	32.9	34.8	36.5	36.5
Congenital debility.....	7,585	6,862	10,626	14,024	14,102	14,449	23.3	20.7	31.5	34.2	33.8	32.1
Other diseases of early infancy.....	864	971	860	1,110	1,178	1,266	2.7	2.9	2.5	2.7	2.8	2.8
Lack of care.....	4,022	4,807	1,029	359	112	118	12.4	14.5	3.0	0.9	0.3	0.3
XII.—Old age.....	13,400	12,938	12,301	14,048	13,660	13,807	41.2	39.0	36.4	34.3	32.7	30.7
XIII.—Violence.....	34,886	36,644	37,778	49,552	52,548	52,421	107.3	110.6	111.9	120.9	125.8	116.4
Suicide.....	4,548	4,912	5,438	5,853	6,745	8,332	14.0	14.8	16.1	14.3	16.2	18.5
Suicide by poison.....	1,549	1,698	1,820	1,834	2,141	2,511	4.8	5.1	5.4	4.5	5.1	5.6
Suicide by asphyxia.....	365	414	516	509	609	878	1.1	1.2	1.5	1.2	1.5	1.9
Suicide by hanging or strangulation.....	684	772	794	835	938	1,171	2.1	2.3	2.4	2.0	2.2	2.6
Suicide by drowning.....	231	242	276	280	307	464	0.7	0.7	0.8	0.7	0.7	1.0
Suicide by firearms.....	1,108	1,185	1,435	1,714	2,027	2,468	3.4	3.6	4.3	4.2	4.9	5.5
Suicide by cutting instruments.....	261	273	306	356	418	507	0.8	0.8	0.9	0.9	1.0	1.1
Suicide by jumping from high places.....	55	66	54	84	108	157	0.2	0.2	0.2	0.2	0.3	0.3
Suicide by crushing.....	20	22	26	37	58	66	0.1	0.1	0.1	0.1	0.1	0.1
Other suicides.....	275	240	211	204	139	110	0.8	0.7	0.6	0.5	0.3	0.2
Fractures.....	2,733	2,867	2,489	3,069	1,903	722	8.4	8.7	7.4	7.5	4.6	1.6
Dislocations.....	51	41	50	47	23	12	0.2	0.1	0.1	0.1	0.1	(1)
Burns and scalds.....	2,704	2,745	2,846	3,585	3,918	3,688	8.3	8.3	8.4	8.7	9.4	8.2
Burning by corrosive substances.....	11	11	8	15	12	16	(1)	(1)	(1)	(1)	(1)	(1)
Heat and sunstroke.....	1,188	235	881	763	580	829	3.7	0.7	2.6	1.9	1.4	1.8
Cold and freezing.....	191	227	228	203	280	227	0.6	0.7	0.7	0.5	0.7	0.5
Lightning.....	98	81	80	169	133	161	0.3	0.2	0.2	0.4	0.3	0.4
Drowning.....	3,362	3,378	3,389	4,395	4,307	4,677	10.3	10.2	10.0	10.7	10.3	10.4
Inhalation of poisonous gases ²	1,385	2,167	1,306	1,276	1,691	1,688	4.3	6.5	3.9	3.1	4.0	3.7
Other accidental poisonings.....	1,412	1,632	1,269	1,734	1,725	1,652	4.3	4.9	3.8	4.2	4.1	3.7
Accidental traumatism.....	12,404	13,366	14,223	20,842	23,921	22,701	38.1	40.3	42.1	50.8	57.3	50.4
Accidental gunshot wounds.....	1,109	1,294	823	1,074	897	986	3.4	3.9	2.4	2.6	2.1	2.2
Injuries by machinery.....	285	320	348	565	1,071	901	0.9	1.0	1.0	1.4	2.6	2.0
Injuries in mines and quarries.....	320	329	491	1,523	2,130	1,917	1.0	1.0	1.5	3.7	5.1	4.3
Railroad accidents and injuries.....	4,977	5,084	5,731	7,090	7,676	6,080	15.3	15.3	17.0	17.3	18.4	13.5
Street-car accidents.....	(4)	(4)	(4)	1,488	1,880	1,696	(4)	(4)	(4)	3.6	4.5	3.8
Injuries by vehicles and horses.....	848	949	1,168	1,524	1,810	1,924	2.6	2.9	3.5	3.7	4.3	4.3
Automobile accidents.....	(4)	(4)	(4)	183	294	393	(4)	(4)	(4)	0.4	0.7	0.9
Other accidental traumatism.....	4,864	5,390	5,662	7,395	8,163	8,804	15.0	16.3	16.8	18.0	19.5	19.6
Other external violence.....	4,767	4,952	5,549	7,559	7,283	7,682	14.7	14.9	16.4	18.4	17.4	17.1
Suffocation.....	519	555	548	719	707	708	1.6	1.7	1.6	1.8	1.7	1.6
Earthquake.....				687						1.7		
Injuries at birth.....	1,634	1,899	2,166	2,543	2,804	3,110	5.0	5.7	6.4	6.2	6.7	6.9
Homicide.....	950	935	1,540	2,101	2,709	3,003	2.9	2.8	4.6	5.1	6.5	6.7
Other external violence.....	1,663	1,563	1,295	1,509	1,063	861	5.1	4.7	3.8	3.7	2.5	1.9
Starvation, privation, etc.....	33	30	22	42	27	34	0.1	0.1	0.1	0.1	0.1	0.1
XIV.—Ill-defined causes.....	15,382	13,993	13,662	16,008	14,475	13,507	47.3	42.2	40.5	39.0	34.7	30.0
"Dropsy".....	1,311	1,144	1,002	1,084	927	852	4.0	3.5	3.0	2.6	2.2	1.9
"Heart failure".....	2,102	2,167	1,924	2,122	1,909	1,682	6.5	6.5	5.7	5.2	4.6	3.7
Sudden death.....	123	96	152	201	216	202	0.4	0.3	0.5	0.5	0.5	0.4
Unspecified or ill-defined causes.....	1,398	1,105	1,202	1,327	1,427	1,246	4.3	3.3	3.6	3.2	3.4	2.8
Inanition (over 3 months of age).....	2,051	1,873	2,117	2,501	2,228	2,122	6.3	5.7	6.3	6.1	5.3	4.7
Debility (over 3 months of age).....	1,972	1,499	1,585	1,581	1,521	1,320	6.1	4.5	4.7	3.9	3.6	2.9
Marasmus (over 3 months of age).....	4,574	4,298	4,290	4,763	4,481	4,677	14.1	13.0	12.7	11.6	10.7	10.4
Fever.....	232	218	156	217	172	119	0.7	0.7	0.5	0.5	0.4	0.3
Cause unknown.....	1,618	1,593	1,234	2,212	1,594	1,287	5.0	4.8	3.7	5.4	3.8	2.9

¹ Less than one-tenth.
² Includes "conflagration."
³ Includes "street-car accidents."

⁴ Not reported separately.
⁵ Includes "automobile accidents."

MORTALITY STATISTICS.

TABLE 5.—COMPARISON OF DEATHS AND DEATH RATES¹ PER 100,000 OF POPULATION, FROM CERTAIN IMPORTANT LARGE CITIES:

AREA.	TYPHOID FEVER.				MEASLES.				SCARLET FEVER.			
	1907		1908		1907		1908		1907		1908	
	Number of deaths.	Death rate per 100,000.	Number of deaths.	Death rate per 100,000.	Number of deaths.	Death rate per 100,000.	Number of deaths.	Death rate per 100,000.	Number of deaths.	Death rate per 100,000.	Number of deaths.	Death rate per 100,000.
1 The registration area.....	12,670	30.3	11,375	25.3	4,302	10.3	4,611	10.2	4,309	10.3	5,577	12.4
2 Registration cities.....	8,679	32.9	7,130	25.8	3,075	11.6	3,179	11.5	3,380	12.8	4,178	15.1
3 Registration states.....	9,754	29.1	9,044	24.4	3,306	9.9	4,079	11.0	3,226	9.6	4,808	13.0
4 Cities in registration states.....	5,763	31.7	4,799	24.5	2,079	11.4	2,647	13.9	2,297	12.6	3,409	17.4
5 Rural part of registration states.....	3,991	26.0	4,245	24.3	1,227	8.0	1,432	8.2	929	6.1	1,399	8.0
6 Registration cities in other states.....	2,916	35.4	2,331	29.1	996	12.1	532	6.6	1,083	13.1	769	9.6
Registration states:												
7 California.....	545	32.5	535	31.4	183	10.9	88	5.2	74	4.4	107	6.3
8 Colorado.....	400	63.7	304	47.4	193	30.7	105	16.4	229	36.5	181	28.2
9 Connecticut.....	209	20.5	132	13.5	70	6.8	84	8.1	66	6.5	62	6.0
10 Indiana.....	948	34.6	909	32.7	225	8.2	205	7.4	98	3.6	95	3.4
11 Maine.....	127	17.7	150	20.8	32	4.5	22	3.1	14	2.0	17	2.4
12 Maryland.....	520	40.3	507	38.9	135	10.5	78	6.0	30	2.3	97	7.4
13 Massachusetts.....	308	12.9	521	16.7	268	8.7	485	15.5	311	10.1	388	12.4
14 Michigan.....	594	22.7	633	25.9	245	9.4	119	4.5	170	6.5	194	7.4
15 New Hampshire.....	52	11.9	83	18.9	20	4.6	18	4.1	9	2.1	6	1.4
16 New Jersey.....	424	18.9	342	14.9	148	6.6	186	8.1	312	13.9	427	18.6
17 New York.....	1,702	20.3	1,403	16.4	973	11.6	1,161	13.6	1,084	12.9	1,754	20.5
18 Pennsylvania.....	3,533	50.8	2,450	34.3	714	10.2	1,215	17.0	657	9.3	1,217	17.1
19 Rhode Island.....	55	11.0	66	12.9	31	6.2	81	15.9	142	28.4	36	7.0
20 South Dakota.....	93	19.5	98	20.1	54	11.3	103	21.1	20	4.2	40	8.2
21 Vermont.....	38	10.8	68	19.3	9	2.6	9	2.6	8	2.3	8	2.3
22 Washington.....	(²)	(²)	286	44.2	(²)	(²)	22	3.4	(²)	(²)	36	5.6
23 Wisconsin.....	(²)	(²)	322	13.9	(²)	(²)	96	4.1	(²)	(²)	133	5.7
Registration cities of 100,000 population or over in 1900:												
24 San Francisco, Cal.....	119	(²)	78	(²)	54	(²)	20	(²)	8	(²)	17	(²)
25 Denver, Colo.....	103	67.1	85	54.8	34	22.1	31	20.0	71	46.2	38	24.5
26 New Haven, Conn.....	37	30.0	43	34.2	6	4.9	8	6.4	3	2.4	3	2.4
27 Washington, D. C.....	111	35.5	125	39.4	6	1.9	2	0.6	2	0.6	10	3.2
28 Chicago, Ill.....	372	17.7	332	15.3	262	12.4	169	7.8	718	34.1	410	18.9
29 Indianapolis, Ind.....	67	29.4	62	26.4	47	20.6	3	1.3	21	9.2	7	3.0
30 Louisville, Ky.....	156	67.9	103	44.2	15	6.5	4	1.7	5	2.2	9	3.9
31 New Orleans, La.....	177	55.5	107	33.1	67	21.0	12	3.7	4	1.3	25	7.7
32 Baltimore, Md.....	232	41.3	177	31.1	74	13.2	18	3.2	15	2.7	72	12.7
33 Boston, Mass.....	64	10.5	159	25.8	64	10.5	178	28.9	52	8.5	121	19.6
34 Fall River, Mass.....	19	17.9	14	13.2	17	16.0	48	45.2	7	6.6	39	36.7
35 Worcester, Mass.....	19	14.4	14	10.5	10	7.6	19	14.2	25	18.9	41	30.6
36 Detroit, Mich.....	104	28.3	84	22.3	18	4.9	17	4.5	72	19.6	76	20.2
37 Minneapolis, Minn.....	74	25.9	53	17.8	5	1.8	21	7.1	17	6.0	14	4.7
38 St. Paul, Minn.....	36	17.1	26	12.0	7	3.3	4	1.8	16	7.6	17	7.8
39 Kansas City, Mo.....	74	39.9	66	35.0	50	27.0	7	3.7	4	2.2	11	5.8
40 St. Joseph, Mo.....	17	14.1	16	13.0	4	3.3	5	4.1	5	4.1	2	1.6
41 St. Louis, Mo.....	108	16.3	103	15.3	100	15.1	11	1.6	26	3.9	42	6.2
42 Omaha, Nebr.....	30	23.5	29	22.1	28	21.9	2	1.5	3	2.3	11	8.4
43 Jersey City, N. J.....	34	14.0	24	9.7	17	7.0	9	3.6	57	23.4	105	42.3
44 Newark, N. J.....	71	24.0	37	12.2	20	6.8	24	7.9	41	13.9	91	30.1
45 Paterson, N. J.....	13	11.4	11	9.5	3	2.6	9	7.8	10	8.8	24	20.8
46 Buffalo, N. Y.....	113	29.2	81	20.7	74	19.1	34	8.7	40	10.3	100	25.5
47 New York, N. Y.....	740	17.5	535	12.3	663	15.7	878	20.2	832	19.7	1,855	31.2
48 Bronx borough.....	48	16.0	37	11.8	88	29.3	193	61.4	78	26.0	136	43.3
49 Brooklyn borough.....	275	19.2	209	14.2	250	17.5	275	18.7	325	22.7	469	31.9
50 Manhattan borough.....	309	16.7	250	11.1	314	14.2	385	17.1	373	16.9	696	30.9
51 Queens borough.....	36	16.7	32	14.2	5	2.3	19	8.5	44	20.4	49	21.8
52 Richmond borough.....	12	15.9	7	9.2	6	8.0	6	7.8	12	15.9	5	6.5
53 Rochester, N. Y.....	31	16.4	23	11.9	5	2.6	17	8.8	16	8.4	19	9.8
54 Syracuse, N. Y.....	19	15.8	19	15.4	6	5.0	12	9.7	5	4.1	2	1.6
55 Cincinnati, Ohio.....	161	46.4	65	18.6	33	9.5	54	15.5	6	1.7	31	8.9
56 Cleveland, Ohio.....	90	18.9	62	12.6	39	8.2	42	8.5	135	28.4	36	7.3
57 Columbus, Ohio.....	57	38.3	168	110.5	1	0.7	5	3.3	2	1.3	1	0.7
58 Toledo, Ohio.....	60	36.4	68	40.1	14	8.5	2	1.2	5	3.0	15	8.9
59 Allegheny, Pa.....	143	96.9	(¹)	(¹)	24	18.3	(¹)	(¹)	4	2.7	(¹)	(¹)
60 Philadelphia, Pa.....	890	60.7	529	35.5	99	6.8	266	17.8	120	8.2	208	13.9
61 Pittsburg, Pa.....	502	130.8	525	46.6	44	11.5	6247	45.1	42	10.9	584	15.3
62 Scranton, Pa.....	92	75.8	14	11.3	8	6.6	5	4.0	27	22.3	88	71.0
63 Providence, R. I.....	17	8.2	36	16.9	21	10.1	44	20.7	104	50.0	24	11.3
64 Memphis, Tenn.....	50	38.8	49	37.0	13	10.1	7	5.3	10	7.8	7	5.3
65 Milwaukee, Wis.....	83	25.7	57	17.4	7	2.2	29	8.8	28	7.1	21	6.4

¹ Death rates at or above certain limits are indicated by bold-face type for each disease, as follows: Typhoid fever, 50; measles, 20; scarlet fever, 20; whooping cough, 20; diphtheria and croup, 40; tuberculosis (all forms), 230; cancer, 80; heart disease, 175; pneumonia (all forms), 175; diarrhea and enteritis, 150; Bright's disease, 135; suicide, 25; accident, 125.

² Nonregistration.

COMPARISON OF DEATHS AND DEATH RATES.

CAUSES OF DEATH, FOR THE REGISTRATION AREA, ITS MAIN SUBDIVISIONS, THE REGISTRATION STATES, AND 1907 AND 1908.

WHOOPING COUGH.				DIPHTHERIA AND CROUP.				TUBERCULOSIS (ALL FORMS).				CANCER.			
1907		1908		1907		1908		1907		1908		1907		1908	
Number of deaths.	Death rate per 100,000.	Number of deaths.	Death rate per 100,000.	Number of deaths.	Death rate per 100,000.	Number of deaths.	Death rate per 100,000.	Number of deaths.	Death rate per 100,000.	Number of deaths.	Death rate per 100,000.	Number of deaths.	Death rate per 100,000.	Number of deaths.	Death rate per 100,000.
4,856	11.6	4,969	11.0	10,154	24.3	10,052	22.3	76,650	183.6	78,289	173.9	30,514	73.1	33,465	74.3
2,982	11.3	2,896	10.5	7,281	27.6	7,081	25.5	54,770	207.4	54,466	197.4	20,384	77.2	21,602	78.3
3,913	11.7	4,115	11.1	8,366	25.0	8,476	22.9	60,194	179.6	62,628	169.2	24,666	73.6	27,617	74.6
2,039	11.2	2,042	10.4	5,493	30.2	5,455	27.9	38,314	210.9	38,805	198.3	14,536	80.0	15,754	80.5
1,874	12.2	2,073	11.9	2,873	18.7	3,021	17.3	21,880	142.5	23,823	136.6	10,130	66.0	11,863	68.0
943	11.4	854	10.6	1,788	21.7	1,576	19.6	16,456	199.7	15,661	195.3	5,848	71.0	5,848	72.9
140	8.4	132	7.8	374	22.3	382	22.4	4,672	278.9	4,617	271.2	1,606	95.9	1,774	104.2
49	7.8	143	22.3	135	21.5	182	28.4	1,818	289.4	1,927	300.7	346	55.1	402	62.7
132	12.9	84	8.1	254	24.9	200	19.3	1,718	168.1	1,627	156.7	819	80.1	790	76.1
162.	5.9	415	15.0	349	12.7	324	11.7	4,538	165.4	4,519	162.8	1,567	57.1	1,795	64.7
71	9.9	74	10.3	120	16.7	102	14.1	1,212	168.8	1,114	154.5	727	101.3	695	96.4
142	11.0	135	10.3	198	15.3	179	13.7	2,582	200.2	2,573	197.2	785	60.9	821	62.9
343	11.1	412	13.2	769	24.9	758	24.3	5,653	183.4	5,377	172.2	2,583	98.5	2,927	93.7
213	8.2	290	11.0	414	15.9	346	13.1	2,702	103.5	2,706	102.5	1,741	66.7	1,924	72.9
66	15.1	41	9.3	97	22.2	107	24.3	569	130.5	570	129.7	418	95.8	334	87.3
238	10.6	236	10.3	693	30.8	538	23.4	4,415	196.4	4,302	187.0	1,470	65.4	1,553	67.5
766	9.1	514	6.0	2,555	30.5	2,418	28.3	16,647	198.5	16,636	194.7	6,614	78.9	6,797	79.5
1,287	18.3	1,264	17.7	2,138	30.4	1,970	27.6	10,825	153.9	10,211	143.1	4,420	62.8	4,520	63.3
85	17.0	32	6.3	124	24.8	151	29.5	1,006	200.9	1,055	206.5	456	91.1	427	83.6
137	28.7	42	8.6	80	16.8	106	21.8	501	105.1	497	102.0	185	38.8	225	46.2
52	14.8	46	13.0	37	10.5	40	11.3	461	131.2	468	132.7	348	99.0	325	92.2
(²)	(²)	26	4.0	(²)	(²)	229	35.4	(²)	(²)	1,082	167.3	(²)	(²)	466	72.0
(²)	(²)	192	8.3	(²)	(²)	417	17.9	(²)	(²)	2,509	107.9	(²)	(²)	1,513	65.1
36	(³)	24	(³)	73	(³)	79	(³)	818	(³)	856	(³)	437	(³)	421	(³)
9	5.9	33	21.3	50	32.6	71	45.8	747	486.6	794	511.8	127	82.7	171	110.2
11	8.9	14	11.1	36	29.2	34	27.1	259	209.8	221	175.9	124	100.5	130	103.5
30	9.6	37	11.7	29	9.3	27	8.5	875	280.0	838	264.0	281	89.9	279	87.9
246	11.7	134	6.2	555	26.3	555	25.6	4,038	191.6	3,913	180.7	1,538	73.0	1,571	72.5
4	1.8	36	15.3	27	11.9	49	20.9	548	240.7	523	222.6	148	65.0	176	74.9
14	6.1	34	14.6	25	10.9	29	12.4	493	214.7	479	205.5	115	50.1	147	63.1
49	15.4	26	8.0	37	11.6	48	14.9	1,058	332.0	964	298.3	269	84.4	272	84.2
18	3.2	41	7.2	80	14.3	66	11.6	1,477	263.2	1,421	249.9	483	86.1	454	79.8
55	9.0	108	17.5	156	25.6	218	35.4	1,347	221.1	1,350	219.1	637	104.6	640	103.9
15	14.1	24	22.6	23	21.7	22	20.7	207	195.1	172	161.8	68	64.1	72	67.7
19	14.4	13	9.7	85	65.1	60	44.8	238	180.3	245	182.9	127	96.2	129	96.3
34	9.3	67	17.8	80	21.8	69	18.3	455	123.8	461	122.5	239	65.0	251	66.7
28	9.8	14	4.7	40	14.0	90	30.2	340	119.0	362	121.7	198	69.3	188	63.2
11	5.2	24	11.0	53	25.2	52	23.9	325	154.3	243	111.8	135	64.1	161	74.1
17	9.2	32	17.0	33	17.8	36	19.1	385	207.6	326	172.9	153	82.5	141	74.8
1	0.8	16	13.0	15	12.4	4	3.3	105	87.1	133	108.1	47	39.0	53	43.1
51	7.7	33	4.9	114	17.2	127	18.8	1,294	195.6	1,269	188.3	478	72.2	549	81.5
12	9.4	25	19.0	24	18.8	19	14.5	144	112.7	143	108.9	103	84.5	97	73.8
24	9.9	22	8.9	93	38.2	69	27.8	636	261.5	599	241.1	162	66.6	146	58.8
26	8.8	41	13.6	100	33.8	63	20.8	863	291.6	808	267.3	250	84.5	229	75.7
5	4.4	15	13.0	34	29.8	36	31.2	198	173.6	203	176.0	64	56.1	82	71.1
52	13.4	48	12.3	68	17.6	84	21.4	590	152.6	614	156.8	313	80.9	311	79.4
369	8.7	173	4.0	1,700	40.2	1,711	39.4	10,233	242.2	10,171	234.4	3,246	76.8	3,269	75.4
31	10.3	17	5.4	175	58.3	157	50.0	1,538	512.6	1,607	511.4	257	85.7	301	95.8
138	9.6	42	2.9	600	41.9	544	37.1	2,929	204.8	2,882	196.3	1,001	70.0	1,025	69.8
159	7.2	98	4.3	806	36.6	903	40.1	5,248	238.1	5,165	229.1	1,778	80.7	1,732	76.8
26	12.0	11	4.9	93	49.1	87	38.7	350	162.2	323	143.7	130	60.2	153	68.1
15	19.9	5	6.5	26	34.5	20	26.1	168	223.1	194	263.6	80	106.2	58	75.8
17	9.0	6	3.1	69	36.4	54	28.0	294	155.2	322	166.7	167	88.2	175	90.6
2	1.7	10	8.1	30	24.9	25	20.2	180	149.2	190	153.7	97	80.4	96	77.7
13	3.7	29	8.3	53	15.3	57	16.3	926	266.8	995	284.8	308	88.7	344	98.5
48	10.1	35	7.1	91	19.1	86	17.5	709	149.0	700	142.4	312	65.6	353	71.8
12	8.1	15	9.9	15	10.1	14	9.2	346	232.6	331	217.7	102	68.6	135	88.8
21	12.8	9	5.3	39	23.7	29	17.1	278	168.8	264	155.9	104	63.2	104	61.4
61	41.3	(⁴)	(⁴)	23	15.6	(⁴)	(⁴)	281	156.5	(⁴)	(⁴)	71	48.1	(⁴)	(⁴)
214	14.6	225	15.1	494	33.7	489	32.8	3,717	253.5	3,490	234.1	1,193	81.4	1,256	84.2
144	27.5	548	58.8	107	27.9	698	517.9	534	139.1	5762	5139.2	239	62.3	5328	59.0
9	7.4	13	10.5	60	49.4	40	32.3	116	95.6	125	100.8	63	51.9	71	57.3
38	18.3	12	5.6	67	32.2	79	37.2	419	201.6	419	197.2	228	108.7	193	90.8
43	33.4	28	21.1	20	15.5	33	24.9	257	199.5	274	206.7	60	46.6	69	52.0
26	8.1	47	14.3	36	26.7	72	22.0	446	138.3	439	133.9	230	71.3	223	68.0

³Population not estimated.

⁴Annexed to Pittsburg, December 9, 1907.

⁵Includes Allegheny.

MORTALITY STATISTICS.

TABLE 5.—COMPARISON OF DEATHS AND DEATH RATES¹ PER 100,000 OF POPULATION, FROM CERTAIN IMPORTANT LARGE CITIES:

AREA.	HEART DISEASE.				PNEUMONIA (ALL FORMS).			
	1907		1908		1907		1908	
	Number of deaths.	Death rate per 100,000.	Number of deaths.	Death rate per 100,000.	Number of deaths.	Death rate per 100,000.	Number of deaths.	Death rate per 100,000.
66 The registration area.....	59,157	141.7	60,088	133.3	67,320	161.2	61,259	136.0
67 Registration cities.....	36,578	138.5	36,137	131.0	48,825	184.9	42,702	154.8
68 Registration states.....	50,276	150.0	51,048	137.9	58,577	159.9	50,129	135.5
69 Cities in registration states.....	27,697	152.5	27,147	138.7	35,082	193.1	31,572	161.3
70 Rural part of registration states.....	22,579	147.1	23,901	137.0	18,495	120.5	18,557	106.4
71 Registration cities in other states.....	8,881	107.8	8,990	112.1	13,743	166.8	11,130	138.8
Registration states:								
72 California.....	3,400	203.0	3,300	193.8	2,464	147.1	2,229	130.9
73 Colorado.....	631	100.4	669	104.4	1,133	180.4	1,185	184.9
74 Connecticut.....	1,707	167.0	1,537	148.1	1,613	157.8	1,295	124.7
75 Indiana.....	3,101	113.0	3,406	122.7	2,562	93.4	2,379	85.7
76 Maine.....	1,254	174.7	1,184	164.2	1,131	157.6	996	138.1
77 Maryland.....	1,607	124.6	1,504	115.3	1,760	136.4	1,561	119.7
78 Massachusetts.....	5,666	193.8	5,277	169.0	4,909	161.2	4,582	146.7
79 Michigan.....	3,963	151.7	3,846	145.7	2,787	106.7	2,208	83.7
80 New Hampshire.....	869	199.3	797	181.3	590	135.3	509	115.8
81 New Jersey.....	2,811	125.0	2,687	116.8	4,068	180.9	3,507	152.4
82 New York.....	13,539	161.4	12,837	150.2	17,329	206.6	14,358	168.0
83 Pennsylvania.....	9,282	132.0	8,835	123.8	10,764	153.1	10,413	145.9
84 Rhode Island.....	851	170.0	717	140.3	901	180.0	799	156.4
85 South Dakota.....	230	48.3	216	44.3	387	81.2	435	89.3
86 Vermont.....	687	195.5	672	190.6	593	168.7	488	138.4
87 Washington.....	(²)	(²)	745	115.2	(²)	(²)	641	99.1
88 Wisconsin.....	(²)	(²)	2,200	94.6	(²)	(²)	2,054	88.3
Registration cities of 100,000 population or over in 1900:								
89 San Francisco, Cal.....	831	(³)	706	(³)	662	(³)	545	(³)
90 Denver, Colo.....	255	166.1	257	165.7	377	245.6	392	252.7
91 New Haven, Conn.....	251	208.4	205	163.2	244	197.7	199	158.4
92 Washington, D. C.....	678	216.9	619	195.0	526	168.3	490	154.4
93 Chicago, Ill.....	1,537	72.9	2,161	99.8	4,753	225.5	3,511	162.1
94 Indianapolis, Ind.....	308	135.3	323	139.6	300	131.8	215	91.5
95 Louisville, Ky.....	311	135.5	337	144.6	395	172.0	353	151.5
96 New Orleans, La.....	552	173.2	522	161.5	635	199.3	575	177.9
97 Baltimore, Md.....	893	153.8	823	144.7	1,076	191.8	918	161.5
98 Boston, Mass.....	1,155	189.6	1,064	172.7	1,239	203.4	1,158	188.0
99 Fall River, Mass.....	128	120.6	99	93.1	233	219.6	281	264.3
100 Worcester, Mass.....	248	187.9	239	178.4	260	196.9	186	138.8
101 Detroit, Mich.....	454	123.5	441	117.2	634	172.5	538	143.0
102 Minneapolis, Minn.....	217	76.0	237	79.7	329	115.2	330	110.9
103 St. Paul, Minn.....	157	74.5	152	69.9	170	80.7	178	81.9
104 Kansas City, Mo.....	232	125.1	211	111.9	359	183.6	300	159.1
105 St. Joseph, Mo.....	67	55.6	69	56.1	92	76.3	79	64.2
106 St. Louis, Mo.....	802	121.2	665	98.7	908	137.2	772	114.5
107 Omaha, Nebr.....	132	103.3	130	99.0	134	104.9	156	118.7
108 Jersey City, N. J.....	315	129.5	305	123.2	600	246.7	510	205.3
109 Newark, N. J.....	393	132.8	386	127.7	507	191.6	551	175.6
110 Paterson, N. J.....	111	97.3	154	133.5	216	189.4	230	199.4
111 Buffalo, N. Y.....	581	150.2	571	145.8	622	160.8	562	143.5
112 New York, N. Y.....	5,935	140.5	5,619	129.5	11,408	270.0	9,187	211.8
113 Bronx borough.....	466	155.3	479	152.4	637	212.3	531	169.0
114 Brooklyn borough.....	2,299	160.7	2,288	155.8	3,812	266.5	3,123	218.0
115 Manhattan borough.....	2,729	123.8	2,453	108.3	6,266	254.3	4,983	221.0
116 Queens borough.....	316	146.5	301	133.9	514	235.2	393	174.9
117 Richmond borough.....	125	106.0	93	128.1	179	237.7	152	193.7
118 Rochester, N. Y.....	269	142.0	255	132.0	270	142.6	192	99.4
119 Syracuse, N. Y.....	177	146.7	187	151.3	140	116.1	138	111.6
120 Cincinnati, Ohio.....	423	121.9	436	124.8	542	156.1	566	162.0
121 Cleveland, Ohio.....	503	105.7	514	104.6	681	143.1	490	99.7
122 Columbus, Ohio.....	188	126.4	225	148.0	212	142.5	174	114.5
123 Toledo, Ohio.....	189	114.8	224	132.3	183	111.1	146	86.2
124 Allegheny, Pa.....	153	103.6	(⁴)	(⁴)	380	257.4	(⁴)	(⁴)
125 Philadelphia, Pa.....	2,408	164.2	2,217	148.7	2,376	162.0	2,237	150.0
126 Pittsburg, Pa.....	432	112.5	⁵ 559	⁵ 102.1	958	249.5	⁵ 1,252	⁵ 228.7
127 Scranton, Pa.....	112	92.3	112	90.4	172	141.7	221	178.3
128 Providence, R. I.....	350	168.4	287	135.1	439	211.2	362	170.4
129 Memphis, Tenn.....	119	92.4	130	93.1	196	132.2	135	147.1
130 Milwaukee, Wis.....	333	103.3	286	87.2	443	137.4	389	118.6

¹Death rates at or above certain limits are indicated by bold-face type for each disease, as follows: Typhoid fever, 50; measles, 20; scarlet fever, 20; whooping cough, 20; diphtheria and group, 40; tuberculosis (all forms), 230; cancer, 80; heart disease, 175; pneumonia (all forms), 175; diarrhea and enteritis, 150; Bright's disease, 135; suicide, 25; accident, 125.

COMPARISON OF DEATHS AND DEATH RATES.

CAUSES OF DEATH, FOR THE REGISTRATION AREA, ITS MAIN SUBDIVISIONS, THE REGISTRATION STATES, AND 1907 AND 1908—Continued.

DIARRHEA AND ENTERITIS.				BRIGHT'S DISEASE.				SUICIDE.				ACCIDENT.			
1907		1908		1907		1908		1907		1908		1907		1908	
Number of deaths.	Death rate per 100,000.	Number of deaths.	Death rate per 100,000.	Number of deaths.	Death rate per 100,000.	Number of deaths.	Death rate per 100,000.	Number of deaths.	Death rate per 100,000.	Number of deaths.	Death rate per 100,000.	Number of deaths.	Death rate per 100,000.	Number of deaths.	Death rate per 100,000.
48,739	116.7	52,213	116.0	39,519	94.6	39,203	87.1	6,745	16.2	8,332	18.5	45,803	109.7	44,089	97.9
35,321	133.7	35,316	128.0	28,874	109.3	27,609	100.1	4,851	18.4	5,818	21.1	29,245	110.7	26,479	96.0
39,398	117.5	43,021	116.2	31,279	93.3	31,817	84.6	5,027	15.0	6,506	17.6	36,852	110.0	36,548	98.8
25,980	143.0	26,124	133.5	20,634	113.6	19,723	100.8	3,133	17.2	3,992	20.4	20,294	111.7	18,938	96.8
13,418	87.4	16,897	96.9	10,645	69.4	11,594	66.5	1,894	12.3	2,514	14.4	16,558	107.9	17,610	101.0
9,341	113.3	9,192	114.6	8,240	100.0	7,886	93.3	1,718	20.8	1,826	22.8	8,951	108.6	7,541	94.0
1,070	63.9	1,105	64.9	1,590	94.9	1,723	101.2	594	35.5	768	45.1	2,773	165.5	2,614	153.5
661	105.2	586	91.4	490	78.0	443	69.9	136	21.6	149	23.2	1,029	163.8	944	147.3
1,389	135.9	1,215	117.0	954	93.4	971	93.5	186	18.2	197	19.0	1,076	105.3	1,009	97.2
2,120	77.3	2,108	75.9	1,763	64.3	1,638	59.0	356	13.0	385	13.9	2,071	75.5	2,125	76.6
488	68.0	853	118.3	665	92.6	604	83.8	84	11.7	112	15.5	553	77.0	628	73.2
1,633	126.6	1,528	117.1	1,401	108.6	1,376	103.9	144	11.2	151	11.6	1,067	82.7	1,022	78.3
3,943	127.9	3,937	126.1	2,558	83.0	2,409	77.1	389	12.6	450	14.4	2,832	93.5	2,684	86.0
1,784	68.3	2,777	105.2	1,515	58.0	1,497	56.7	2,373	10.8	392	14.9	2,464	94.3	2,332	88.4
363	83.2	476	108.3	381	87.4	377	85.8	46	10.5	65	14.8	346	79.3	326	74.2
2,978	132.5	2,931	127.4	2,230	99.2	2,125	92.4	390	17.3	442	19.2	2,315	103.0	2,170	94.3
11,200	133.5	11,014	128.9	10,484	125.0	9,562	111.9	1,279	15.3	1,634	19.1	8,872	105.8	8,028	93.9
9,973	141.8	10,393	145.6	5,761	81.9	5,612	78.6	892	12.7	988	13.8	9,974	141.8	8,643	121.1
804	160.6	700	137.0	548	128.6	548	107.2	73	14.6	96	18.8	540	107.9	431	84.3
320	67.1	353	72.4	154	32.3	159	32.6	68	14.3	49	10.1	345	72.4	326	66.9
261	74.3	330	93.6	307	87.3	342	97.0	35	10.0	51	14.5	270	76.8	323	91.6
(²)	(³)	464	71.7	(²)	(³)	477	73.7	(²)	(³)	220	34.0	(²)	(³)	1,085	167.7
(²)	(²)	1,845	79.4	(²)	(³)	1,098	47.2	(²)	(³)	291	12.5	(²)	(³)	1,655	71.2
237	(³)	200	(³)	373	(³)	425	(³)	145	(³)	206	(³)	500	(³)	472	(³)
123	60.1	149	96.1	215	140.0	184	118.6	45	29.3	53	37.4	172	112.0	177	114.1
411	93.2	141	112.2	125	101.3	137	109.1	25	20.3	29	23.1	134	103.6	116	92.3
411	131.5	406	127.9	382	122.2	371	116.9	72	23.0	66	20.8	275	88.0	303	95.5
2,805	133.1	3,402	157.1	2,155	102.2	1,904	87.9	407	19.3	494	22.8	2,084	98.9	1,982	91.5
223	100.1	162	68.9	171	75.1	158	67.2	59	25.9	56	23.8	209	91.8	163	69.4
155	67.5	98	42.0	241	105.0	228	97.8	52	22.6	47	20.2	214	93.2	162	69.5
609	191.1	602	186.3	619	194.3	667	206.4	54	16.9	89	27.5	447	140.3	417	129.0
155	155.9	722	127.0	850	156.8	795	139.8	83	14.8	99	17.4	533	95.0	445	78.2
621	101.9	809	131.3	501	82.2	501	81.3	123	21.0	132	21.4	839	137.7	703	114.9
489	460.8	404	330.1	111	104.6	101	95.0	7	6.6	17	10.0	83	78.2	95	89.4
173	133.3	158	117.9	110	83.3	103	78.9	18	13.6	19	14.2	129	97.7	122	91.1
426	115.9	409	108.7	246	66.9	239	63.5	58	15.8	71	18.9	374	101.8	320	85.1
160	56.0	173	55.1	194	67.9	189	63.5	43	15.1	54	18.1	161	56.4	174	58.5
120	57.0	112	51.5	123	58.4	142	65.3	28	13.3	33	15.2	150	71.2	139	63.9
132	71.2	119	63.1	182	98.1	194	102.9	65	35.0	79	41.9	235	126.7	235	124.6
51	42.3	42	34.1	55	45.6	60	48.8	10	8.3	26	21.1	63	49.0	63	51.2
604	91.3	558	82.8	757	114.4	815	120.9	214	32.3	214	31.8	712	107.6	488	72.4
93	72.8	77	58.6	83	65.0	62	47.2	29	22.7	34	25.9	94	73.6	110	83.7
443	182.2	408	164.2	237	97.4	243	97.8	47	19.3	54	21.7	339	139.4	281	113.1
451	152.4	359	123.7	378	127.7	318	105.2	92	31.1	76	25.1	310	104.7	243	80.4
148	129.7	157	136.1	133	116.6	128	111.0	23	20.2	25	21.7	88	77.1	94	81.5
645	166.8	645	164.7	352	91.0	302	77.1	47	12.2	50	12.8	499	129.0	377	90.3
7,145	169.2	6,672	153.8	6,401	151.5	5,665	130.6	680	16.1	997	23.0	4,537	107.4	4,033	93.0
433	144.3	427	135.9	433	144.3	482	153.4	43	16.0	79	25.1	365	121.7	290	92.3
2,653	185.5	2,380	162.1	2,036	142.3	1,764	120.1	187	13.1	272	18.5	1,278	89.3	1,209	82.3
3,445	156.3	3,287	145.8	3,513	159.4	3,018	133.9	398	18.1	556	24.7	2,454	111.3	2,175	90.5
439	203.5	407	181.1	273	126.5	262	116.6	34	15.8	62	27.6	315	146.0	290	115.7
178	236.4	171	223.6	146	193.9	139	181.7	13	17.3	28	36.6	125	166.0	99	129.4
176	92.9	206	106.7	205	108.2	192	99.4	44	23.2	41	21.2	147	77.6	141	73.0
150	124.3	174	140.8	111	92.0	123	99.5	17	14.1	12	9.7	114	94.5	137	110.8
352	101.4	393	112.5	418	120.4	414	118.5	67	19.3	85	24.3	437	125.9	402	115.1
692	145.4	661	134.5	437	91.8	354	72.0	104	21.9	93	18.9	505	106.1	439	89.3
99	66.6	69	45.4	133	89.4	116	76.3	49	32.9	50	32.9	167	112.3	146	96.0
135	82.0	112	66.1	95	57.7	110	64.9	27	16.4	35	20.7	148	89.9	159	93.9
239	161.9	(⁴)	(⁴)	65	44.0	(⁴)	(⁴)	34	23.0	(⁴)	(⁴)	205	138.9	(⁴)	(⁴)
2,175	148.3	2,068	138.7	2,355	160.6	2,154	144.5	227	15.5	264	17.7	1,529	104.3	1,353	90.7
800	208.4	952	173.9	232	60.4	301	55.0	85	22.1	114	20.8	630	164.1	597	109.0
225	185.4	259	208.9	64	52.7	87	70.2	8	6.6	18	14.5	225	185.4	227	183.1
323	155.4	278	130.8	299	143.9	232	109.2	42	20.2	54	25.4	213	102.5	200	94.1
141	109.5	108	81.5	124	96.3	146	110.1	26	20.2	18	13.6	240	136.3	216	162.9
387	120.0	459	140.0	182	56.4	183	55.8	90	27.9	82	25.0	310	96.1	224	68.3

² Nonregistration.

³ Population not estimated.

⁴ Annexed to Pittsburg, December 9, 1907.

⁵ Includes Allegheny.

MORTALITY STATISTICS.

TABLE 6.—MALES—NUMBER AND PER CENT DISTRIBUTION, BY IMPORTANT CAUSES, OF DEATHS OF MALES AT LEAST 10 YEARS OF AGE ENGAGED IN CERTAIN SPECIFIED OCCUPATIONS, CLASSIFIED BY AGE, FOR THE REGISTRATION AREA: 1908.

OCCUPATION AND AGE AT DEATH, ¹		DEATHS OF MALES AT LEAST 10 YEARS OF AGE ENGAGED IN CERTAIN SPECIFIED OCCUPATIONS.																		
		Number of deaths.									Per cent of all causes at specified age.									
		All causes.	Ty-phoid fever.	Tuber-culosis of lungs.	Can-cer.	Apo-plexy and paral-ysis.	Heart dis-ease.	Pneu-monia (all forms).	Bright's disease.	Sui-cide.	Other vio-lence.	Ty-phoid fever.	Tuber-culosis of lungs.	Can-cer.	Apo-plexy and paral-ysis.	Heart dis-ease.	Pneu-monia (all forms).	Bright's disease.	Sui-cide.	Acci-dent.
All occupations re-ported.....		196,207	4,993	29,433	10,091	13,938	22,573	15,023	16,277	5,380	20,551	2.5	15.0	5.1	7.1	11.5	7.7	8.3	2.7	10.5
10 to 14 years.....		215	17	10	.....	1	1	9	.....	102	.....	7.9	4.7	.....	0.5	.....	.....	.....	.....	47.4
15 to 19 years.....		5,433	503	1,159	35	41	220	377	82	116	1,430	9.3	21.3	0.6	0.8	4.0	6.9	1.5	2.1	26.3
20 to 24 years.....		11,999	983	3,586	86	79	397	795	300	456	2,579	8.2	29.9	0.7	0.7	3.3	6.6	2.5	3.8	21.5
25 to 34 years.....		27,366	1,607	8,446	350	358	1,292	1,963	1,098	1,049	4,773	5.9	30.9	1.3	1.3	4.7	7.2	4.0	3.8	17.4
35 to 44 years.....		30,632	941	7,453	956	879	2,268	2,643	1,977	1,136	4,181	3.1	24.3	3.1	2.3	7.4	8.6	6.5	3.9	13.6
45 to 54 years.....		33,123	540	4,770	2,173	1,944	3,638	2,932	3,131	1,249	3,345	1.6	14.4	6.5	5.9	11.0	8.8	9.4	3.8	10.1
55 to 64 years.....		33,301	246	2,524	2,968	3,390	5,063	2,598	3,957	829	2,096	0.7	7.6	8.9	10.2	15.2	7.8	11.9	2.5	6.3
65 years and over.....		53,741	144	1,458	3,515	7,232	9,672	3,657	5,721	482	1,927	0.3	2.7	6.5	13.5	18.0	6.9	10.6	0.9	3.6
Unknown.....		328	12	27	8	14	22	19	11	13	118	3.7	8.2	2.4	4.3	6.7	5.8	3.4	4.0	36.0
Professional service:																				
25 to 34 years.....		1,021	77	325	17	15	54	55	33	44	129	7.5	31.8	1.7	1.5	5.3	5.4	3.2	4.3	12.6
35 to 44 years.....		1,117	43	216	42	40	94	86	92	67	90	3.8	19.3	3.8	3.6	8.4	7.7	8.2	6.0	8.1
45 to 54 years.....		1,233	20	130	78	87	143	96	125	50	72	1.6	10.5	6.3	7.1	11.6	7.8	10.1	4.1	5.3
55 to 64 years.....		1,325	5	52	116	153	203	90	192	28	53	0.4	3.9	8.8	11.5	15.3	6.8	14.5	2.1	4.0
Clergymen—																				
25 to 34 years.....		50	5	18	1	.....	4	3	2	1	2	10.0	36.0	2.0	.....	8.0	6.0	4.0	2.0	4.0
35 to 44 years.....		109	4	26	6	.....	12	9	5	3	4	3.7	23.9	5.5	6.4	11.0	8.3	4.6	2.8	3.7
45 to 54 years.....		166	3	25	17	7	15	14	19	4	5	1.8	15.1	10.2	4.3	9.0	8.4	11.4	2.4	2.0
55 to 64 years.....		239	2	7	23	31	37	13	33	2	4	0.8	2.9	9.6	13.0	15.5	5.4	13.8	0.8	1.7
Engineers and surveyors—																				
25 to 34 years.....		350	24	113	4	4	12	12	8	15	77	6.9	32.3	1.1	1.1	3.4	3.4	2.3	4.3	22.0
35 to 44 years.....		222	10	51	8	7	18	17	16	9	44	4.5	23.0	3.6	3.2	8.1	7.7	7.2	4.1	19.8
45 to 54 years.....		176	4	15	15	12	25	12	8	22	22	2.3	8.5	3.5	6.3	14.2	6.8	4.5	5.1	12.5
55 to 64 years.....		104	4	4	11	13	13	8	11	2	8	1.0	3.8	10.6	12.5	12.5	7.7	10.6	1.9	7.7
Lawyers—																				
25 to 34 years.....		102	13	29	1	2	4	6	4	6	8	12.7	28.4	1.0	2.0	3.9	5.9	3.9	5.9	7.8
35 to 44 years.....		139	4	19	6	5	23	9	13	11	7	2.9	13.7	4.3	3.6	15.8	6.5	9.4	7.9	5.0
45 to 54 years.....		222	3	23	9	26	22	20	25	12	8	1.4	10.4	4.1	11.7	9.9	9.0	11.3	5.4	3.6
55 to 64 years.....		259	2	9	16	31	39	13	41	7	11	0.8	3.5	6.2	12.0	15.1	5.0	15.8	2.7	4.2
Physicians and surgeons—																				
25 to 34 years.....		108	8	31	1	2	1	9	5	3	11	7.4	28.7	0.9	1.9	0.9	8.3	4.6	2.8	10.2
35 to 44 years.....		198	4	23	8	7	16	25	20	9	12	2.0	11.6	4.0	3.5	8.1	12.6	10.1	4.5	6.1
45 to 54 years.....		235	4	11	10	18	20	17	29	5	13	3.0	4.7	4.3	7.7	8.5	7.2	12.3	2.1	5.5
55 to 64 years.....		288	.....	14	25	27	40	19	42	7	13	.....	4.9	8.7	9.4	13.9	6.6	14.6	2.4	4.5
Clerical and official:																				
25 to 34 years.....		2,540	152	1,025	35	35	148	160	134	96	151	6.0	40.4	1.4	1.4	5.8	6.3	5.3	3.8	5.9
35 to 44 years.....		2,075	86	515	74	70	161	164	141	106	117	4.1	26.3	3.6	3.4	7.8	7.9	6.8	5.1	5.6
45 to 54 years.....		2,086	29	260	124	148	259	160	244	105	104	1.4	12.9	5.9	7.1	12.4	7.7	11.7	5.0	5.0
55 to 64 years.....		2,178	12	115	202	253	351	149	304	53	76	0.6	5.3	9.3	11.6	16.1	6.8	14.0	2.4	3.5
Bookkeepers, clerks, and copyists—																				
25 to 34 years.....		2,092	120	877	26	28	128	129	107	68	117	5.7	41.9	1.2	1.3	6.1	6.2	5.1	3.3	5.6
35 to 44 years.....		1,465	52	433	50	46	102	123	98	67	79	3.5	29.6	3.4	3.1	7.0	8.4	6.7	4.6	5.4
45 to 54 years.....		1,171	14	193	61	34	149	88	136	46	50	1.2	16.5	5.2	7.2	12.7	7.5	11.6	3.9	4.3
55 to 64 years.....		1,101	7	76	99	122	170	75	162	31	40	0.6	6.9	9.0	11.1	15.4	6.8	14.7	2.8	3.6
Bankers, brokers, and officials of companies—																				
25 to 34 years.....		82	8	20	.....	1	3	.....	2	7	7	9.8	24.4	.....	1.2	3.7	6.1	2.4	8.5	8.5
35 to 44 years.....		134	10	18	.....	5	10	13	10	11	6	7.5	13.4	3.0	3.7	7.5	9.7	7.5	8.2	4.5
45 to 54 years.....		200	6	21	13	15	16	15	20	16	7	3.0	10.5	6.5	7.5	8.0	7.5	10.0	8.0	3.5
55 to 64 years.....		256	1	9	27	25	38	20	29	7	7	0.4	3.5	10.5	9.8	14.8	7.8	11.3	2.7	2.7
Collectors, auctioneers, and agents—																				
25 to 34 years.....		241	19	76	6	4	14	20	15	16	17	7.9	31.5	2.5	1.7	5.8	8.3	6.2	6.6	7.1
35 to 44 years.....		333	18	66	13	16	32	22	21	20	22	5.4	19.8	3.9	4.8	9.6	6.6	6.3	6.0	6.6
45 to 54 years.....		531	6	40	39	33	67	43	62	37	35	1.1	7.5	7.3	6.2	12.6	8.1	11.7	7.0	6.6
55 to 64 years.....		582	4	21	53	76	99	37	86	14	21	0.7	3.6	9.1	13.1	17.0	6.4	14.8	2.4	3.6
Mercantile and trading:																				
25 to 34 years.....		1,635	92	563	27	29	91	120	62	78	112	5.6	34.4	1.7	1.8	5.6	7.3	3.8	4.8	6.9
35 to 44 years.....		2,298	71	512	94	57	204	177	169	122	138	3.1	22.3	4.1	2.5	8.9	7.7	7.4	5.3	6.0
45 to 54 years.....		2,762	48	321	215	189	321	216	312	118	151	1.7	11.6	7.8	6.8	11.6	7.8	11.3	4.3	5.5
55 to 64 years.....		2,760	18	155	245	282	425	202	397	68	106	0.7	5.6	8.9	10.2	15.4	7.3	14.4	2.5	3.8
Merchants and dealers—																				
25 to 34 years.....		610	43	187	14	15	33	41	16	29	41	7.0	30.7	2.3	2.5	5.4	6.7	2.6	4.8	6.7
35 to 44 years.....		1,060	42	186	53	28	95	76	74	65	50	4.0	17.5	5.0	2.6	9.0	7.2	7.0	6.1	4.7
45 to 54 years.....		1,572	24	156	136	106	191	105	173	66	84	1.5	9.9	8.7	6.7	12.2	6.7	11.0	4.2	5.3
55 to 64 years.....		1,768	14	83	158	180	267	131	271	36	60	0.8	4.7	8.9	10.2	15.1	7.4	15.3	2.0	3.4
Public entertainment:																				
25 to 34 years.....		647	20	212	9	12	31	63	48	36	41	3.1								

OCCUPATIONS AND CAUSES OF DEATH.

TABLE 6.—MALES—NUMBER AND PER CENT DISTRIBUTION, BY IMPORTANT CAUSES, OF DEATHS OF MALES AT LEAST 10 YEARS OF AGE ENGAGED IN CERTAIN SPECIFIED OCCUPATIONS, CLASSIFIED BY AGE, FOR THE REGISTRATION AREA: 1908—Continued.

OCCUPATION AND AGE AT DEATH. ¹	DEATHS OF MALES AT LEAST 10 YEARS OF AGE ENGAGED IN CERTAIN SPECIFIED OCCUPATIONS.																		
	Number of deaths.										Per cent of all causes at specified age.								
	All causes.	Typhoid fever.	Tuber- culosis of lungs.	Cancer.	Apoplexy and paralysis.	Heart dis- ease.	Pneumonia (all forms).	Bright's disease.	Sui- cide.	Other vio- lence.	Typhoid fever.	Tuber- culosis of lungs.	Cancer.	Apoplexy and paralysis.	Heart dis- ease.	Pneumonia (all forms).	Bright's disease.	Sui- cide.	Acci- dent.
Public entertainment—Con- Saloon keepers, liquor dealers, bartenders, and restaurant keepers—																			
25 to 34 years.....	593	18	196	8	11	29	58	39	36	38	3.0	33.1	1.3	1.9	4.9	9.8	6.6	6.1	6.4
35 to 44 years.....	856	22	201	13	27	75	90	84	36	37	2.6	23.5	1.5	3.2	8.8	10.5	9.8	4.2	4.3
45 to 54 years.....	616	9	78	34	40	44	52	77	27	17	1.5	12.7	5.5	6.5	7.1	8.4	12.5	4.4	2.8
55 to 64 years.....	313	3	23	26	30	28	26	41	13	7	1.0	7.3	8.3	9.6	8.3	13.1	4.2		2.2
Personal service, police, and military:																			
25 to 34 years.....	744	50	248	6	14	41	47	32	36	82	6.7	33.3	0.8	1.9	5.5	6.3	4.3	4.8	11.0
35 to 44 years.....	1,002	20	256	34	42	72	80	82	45	85	2.0	25.5	3.4	4.2	7.2	8.0	8.2	4.5	8.5
45 to 54 years.....	1,157	15	135	61	84	124	111	123	47	75	1.3	11.7	5.3	7.3	10.7	9.6	10.6	4.1	6.5
55 to 64 years.....	1,111	8	66	97	94	186	94	160	22	65	0.7	5.9	8.7	8.5	16.7	8.5	14.4	2.0	5.9
Barbers and hairdress- ers—																			
25 to 34 years.....	272	14	109	.....	5	16	18	13	12	12	5.1	40.1	.....	1.8	5.9	6.6	4.8	4.4	4.4
35 to 44 years.....	346	7	104	7	16	25	17	23	16	30	2.0	30.1	2.0	4.6	7.2	4.9	6.6	4.6	8.7
45 to 54 years.....	275	1	33	14	18	34	23	29	9	7	0.4	12.0	5.1	6.5	12.4	8.4	10.5	3.3	2.5
55 to 64 years.....	162	2	18	14	16	25	7	19	4	5	1.2	11.1	8.6	9.9	15.4	4.3	11.7	2.5	3.1
Police, watchmen, and detectives—																			
25 to 34 years.....	174	14	89	2	2	10	12	7	6	55	8.0	22.4	1.1	1.1	5.7	6.9	4.0	8.4	20.1
35 to 44 years.....	338	7	59	20	16	20	32	37	16	29	2.1	17.5	5.9	4.7	5.9	9.5	10.9	4.7	8.6
45 to 54 years.....	490	8	46	31	41	51	37	49	15	42	1.6	9.4	6.3	8.4	10.4	7.6	10.0	3.1	8.6
55 to 64 years.....	569	4	22	51	48	85	52	84	12	49	0.7	3.9	9.0	8.4	14.9	9.1	14.8	2.1	8.6
Laboring and servant:																			
25 to 34 years.....	5,544	351	1,750	68	61	282	550	247	158	714	6.3	31.6	1.1	1.1	9.9	9.9	4.5	2.8	12.9
35 to 44 years.....	6,091	171	1,877	150	150	469	629	435	181	679	2.8	27.5	2.5	2.5	7.7	10.3	7.1	3.0	11.1
45 to 54 years.....	5,938	78	1,113	308	289	656	686	591	157	513	1.3	18.8	5.2	4.9	11.0	11.6	10.0	2.6	8.6
55 to 64 years.....	4,948	29	555	357	393	728	544	630	94	268	0.6	11.2	7.2	7.9	14.7	11.0	12.7	1.9	5.4
Laborers (not agricul- tural)—																			
25 to 34 years.....	4,876	322	1,477	57	58	249	503	219	124	659	6.6	30.3	1.2	1.2	5.1	10.3	4.5	2.5	13.5
35 to 44 years.....	5,394	160	1,446	140	135	409	569	333	147	630	3.0	26.8	2.6	2.5	7.6	10.5	7.1	2.7	11.7
45 to 54 years.....	5,336	71	1,000	291	260	569	638	525	137	472	1.3	18.7	5.5	4.9	10.7	12.0	9.8	2.6	8.8
55 to 64 years.....	4,533	27	505	344	362	664	509	580	79	243	0.6	11.1	7.5	7.9	14.6	11.2	12.7	1.7	5.3
Servants—																			
25 to 34 years.....	668	29	273	6	3	33	47	28	34	55	4.3	40.9	0.9	0.4	4.9	7.0	4.2	5.1	8.2
35 to 44 years.....	697	11	231	10	15	60	60	52	34	49	1.6	33.1	1.4	2.2	8.6	8.6	7.5	4.9	7.0
45 to 54 years.....	602	7	118	17	29	87	48	66	20	41	1.2	19.6	2.8	4.8	14.5	8.0	11.0	3.3	6.8
55 to 64 years.....	385	2	50	13	31	64	35	50	15	25	0.5	13.0	3.4	8.1	16.6	9.1	13.0	3.9	6.5
Manufacturing and mechan- ical industry:																			
25 to 34 years.....	6,949	395	2,466	93	96	334	451	290	305	958	5.7	35.5	1.3	1.4	4.8	6.5	4.2	4.4	13.8
35 to 44 years.....	8,551	255	2,415	302	229	646	688	582	346	935	3.0	28.2	3.5	2.7	7.6	8.0	6.8	4.0	10.9
45 to 54 years.....	9,826	138	1,642	711	570	1,047	801	968	416	877	1.4	16.7	7.2	5.8	10.7	8.2	9.9	4.2	8.9
55 to 64 years.....	9,807	70	805	917	1,024	1,465	699	1,204	281	590	0.7	8.2	9.4	10.4	14.9	7.1	12.3	2.9	6.0
Bakers and confection- ers—																			
25 to 34 years.....	172	15	53	4	1	7	14	8	12	15	8.7	50.8	2.3	0.6	4.1	8.1	4.7	7.0	8.7
35 to 44 years.....	217	8	54	8	7	16	24	13	10	19	3.7	24.9	3.7	3.2	7.4	11.1	6.0	4.6	8.8
45 to 54 years.....	220	1	26	15	9	27	15	30	12	19	0.5	11.8	6.8	4.1	12.3	6.8	13.6	5.5	8.6
55 to 64 years.....	171	.....	6	14	21	26	10	22	5	3	.....	3.5	8.2	12.3	15.2	5.8	12.9	2.9	1.8
Blacksmiths—																			
25 to 34 years.....	192	13	53	.....	2	12	15	11	5	25	6.8	27.6	.....	1.0	6.3	7.8	5.7	2.6	13.0
35 to 44 years.....	294	12	74	14	7	18	22	14	13	26	4.1	25.2	4.8	2.4	6.1	7.5	4.8	4.4	8.8
45 to 54 years.....	387	13	55	33	29	42	33	34	18	35	3.4	14.2	8.5	7.5	10.9	8.5	8.8	4.7	9.0
55 to 64 years.....	459	5	37	48	43	85	30	43	15	27	1.1	8.1	10.5	9.4	18.5	6.5	9.4	3.3	5.9
Boot and shoe makers—																			
25 to 34 years.....	261	11	115	5	6	16	9	13	10	18	4.2	44.1	1.9	2.3	6.1	3.4	5.0	3.8	6.9
35 to 44 years.....	275	8	83	8	12	28	19	21	9	23	2.9	30.2	2.9	4.4	10.2	6.9	7.6	3.3	8.4
45 to 54 years.....	347	5	56	32	30	45	25	44	14	18	1.4	16.7	9.2	8.6	13.0	7.2	12.7	4.0	5.2
55 to 64 years.....	428	2	28	39	68	69	31	46	15	21	0.5	6.5	9.1	14.7	16.1	7.2	10.7	3.5	4.9
Butchers—																			
25 to 34 years.....	208	12	68	4	3	9	17	15	16	24	5.8	32.7	1.9	1.4	4.3	8.2	7.2	7.7	11.5
35 to 44 years.....	276	4	80	7	3	26	27	23	12	18	1.4	29.0	2.5	1.1	9.4	9.8	8.3	4.3	6.5
45 to 54 years.....	300	5	37	24	23	27	32	38	4	16	1.7	12.3	8.0	7.7	9.0	10.7	12.7	1.3	5.3
55 to 64 years.....	257	2	11	37	28	40	15	28	7	15	0.8	4.3	14.4	10.9	15.6	5.8	10.9	2.7	5.8
Carpenters and joiners—																			
25 to 34 years.....	511	45	149	9	5	18	33	11	19	105	8.8	29.2	1.8	1.0	3.5	6.5	2.2	3.7	20.5
35 to 44 years.....	797	34	222	23	22	70	67	37	39	96	4.3	27.9	2.9	2.8	8.8	8.4	4.6	4.9	12.0
45 to 54 years.....	1,192	18	170	81	65	117	96	90	74	159	1.5	14.3	6.8	5.5	9.8	8.1	7.6	6.2	13.3
55 to 64 years.....	1,503	12	127	159	150	206	100	171	52	111	0.8	8.4	10.6	10.0	13.7	6.7	11.4	3.5	7.4

¹ Except for the aggregate, the four ten-year age periods corresponding to the most active period of life only are presented in this bulletin. The full data will be shown in the annual report. Only occupations with at least 1,000 deaths are shown, and age groups having less than 200 deaths from all causes are distinguished by *italics*.

MORTALITY STATISTICS.

TABLE 6.—MALES—NUMBER AND PER CENT DISTRIBUTION, BY IMPORTANT CAUSES, OF DEATHS OF MALES AT LEAST 10 YEARS OF AGE ENGAGED IN CERTAIN SPECIFIED OCCUPATIONS, CLASSIFIED BY AGE, FOR THE REGISTRATION AREA: 1908—Continued.

OCCUPATION AND AGE AT DEATH. ¹	DEATHS OF MALES AT LEAST 10 YEARS OF AGE ENGAGED IN CERTAIN SPECIFIED OCCUPATIONS.																		
	Number of deaths.									Per cent of all causes at specified age.									
	All causes.	Typhoid fever.	Tuber- culosis of lungs.	Cancer.	Apo- plexy and paral- ysis.	Heart dis- ease.	Pneu- monia (all forms).	Bright's disease.	Sui- cide.	Other vio- lence.	Typhoid fever.	Tuber- culosis of lungs.	Cancer.	Apo- plexy and paral- ysis.	Heart dis- ease.	Pneu- monia (all forms).	Bright's disease.	Sui- cide.	Acci- dent.
Manufacturing and mechan- ical industry—Continued.																			
Compositors, printers, and pressmen—																			
25 to 34 years.....	260	12	128	2	.....	9	9	10	10	19	4.6	49.2	0.8	.....	3.5	3.5	3.8	3.8	7.3
35 to 44 years.....	286	4	116	3	6	20	25	19	10	16	1.4	40.6	1.0	2.1	7.0	8.7	6.6	3.5	5.6
45 to 54 years.....	257	2	53	10	13	29	21	35	5	14	0.8	20.6	3.9	5.1	11.3	8.2	13.6	1.9	5.4
55 to 64 years.....	182	2	16	12	15	25	10	31	4	6	1.1	8.8	6.6	3.2	13.7	6.5	17.0	2.2	3.8
Engineers and firemen (not locomotive)—																			
25 to 34 years.....	471	44	107	13	11	22	30	11	20	103	9.3	22.7	2.8	2.3	4.7	6.4	2.3	4.2	21.9
35 to 44 years.....	546	17	109	19	16	36	54	39	11	110	3.1	20.0	3.5	2.9	6.6	9.9	7.1	2.0	20.1
45 to 54 years.....	678	8	73	49	43	84	63	71	20	76	1.2	10.8	7.2	6.3	12.4	9.3	10.5	2.9	11.2
55 to 64 years.....	579	2	28	44	56	96	48	84	6	39	0.3	4.8	7.6	9.7	16.6	8.3	14.5	1.0	6.7
Iron and steel workers—																			
25 to 34 years.....	391	19	107	2	8	13	36	13	19	101	4.9	27.4	0.5	2.0	3.3	9.2	3.3	4.9	25.8
35 to 44 years.....	467	12	117	18	8	32	44	26	18	80	2.6	25.1	3.9	1.7	6.9	9.4	5.6	3.9	17.1
45 to 54 years.....	436	11	81	42	18	39	43	39	11	46	2.5	18.6	9.6	4.1	8.9	9.9	8.9	2.5	10.6
55 to 64 years.....	360	3	33	22	42	43	31	52	12	23	0.8	9.2	6.1	11.7	11.9	8.6	14.4	3.3	6.4
Machinists—																			
25 to 34 years.....	601	41	220	5	11	27	34	33	28	68	6.8	36.6	0.8	1.8	4.5	5.7	5.5	4.7	11.3
35 to 44 years.....	610	26	106	14	18	48	49	32	26	59	5.1	20.8	2.7	3.5	9.4	9.6	6.3	5.1	11.6
45 to 54 years.....	520	11	76	38	32	55	38	45	29	41	2.1	14.6	7.3	6.2	10.6	7.3	8.7	5.6	7.9
55 to 64 years.....	475	6	38	45	40	64	36	60	14	35	1.3	8.0	9.5	8.4	13.5	7.6	12.6	2.9	7.4
Masons (brick and stone)—																			
25 to 34 years.....	168	7	46	5	1	12	16	7	3	28	4.5	28.2	3.1	0.6	7.4	9.8	4.3	1.8	17.2
35 to 44 years.....	279	9	77	12	8	20	16	19	9	38	3.2	27.6	4.3	2.9	7.2	5.7	6.8	3.2	13.6
45 to 54 years.....	352	6	60	31	18	31	28	31	12	40	1.7	17.0	8.8	5.1	8.8	8.0	8.8	3.4	11.4
55 to 64 years.....	448	1	41	46	40	81	32	40	11	30	0.2	9.2	10.3	8.9	18.1	7.1	8.9	2.5	6.7
Mill and factory opera- tives (textiles)—																			
25 to 34 years.....	254	11	101	2	3	14	13	11	9	27	4.3	39.8	0.8	1.2	5.5	5.1	4.3	3.5	10.6
35 to 44 years.....	241	9	76	16	6	14	19	16	9	28	3.7	31.5	6.6	2.5	5.8	7.9	6.6	3.7	11.6
45 to 54 years.....	264	1	57	20	12	20	14	24	12	20	0.4	21.6	7.6	4.5	11.0	5.3	9.1	4.5	7.6
55 to 64 years.....	339	.....	23	20	19	52	18	22	6	14	.....	9.6	8.4	7.9	21.8	7.5	9.2	2.5	5.9
Painters, glaziers, and varnishers—																			
25 to 34 years.....	497	18	182	5	8	25	29	20	18	82	3.6	36.6	1.0	1.6	5.0	5.8	4.0	3.6	16.5
35 to 44 years.....	667	13	200	20	13	48	36	74	36	76	1.9	30.0	3.0	1.9	7.2	5.4	11.1	5.4	11.4
45 to 54 years.....	756	7	132	49	34	83	52	102	32	91	0.9	17.5	6.5	4.5	11.0	6.9	13.5	4.2	12.0
55 to 64 years.....	741	8	60	48	87	101	54	123	17	69	1.1	8.1	6.5	11.7	13.6	7.3	16.6	2.3	9.3
Plumbers, and gas and steam fitters—																			
25 to 34 years.....	308	11	132	2	4	13	21	17	13	35	3.6	42.9	0.6	1.3	4.2	6.8	5.5	4.2	11.4
35 to 44 years.....	325	8	116	6	11	16	20	34	9	28	2.5	35.7	1.8	3.4	4.9	6.2	10.5	2.8	8.6
45 to 54 years.....	176	1	27	4	13	19	22	25	4	15	0.6	15.3	2.3	7.4	10.8	12.5	14.2	2.3	8.5
55 to 64 years.....	132	.....	10	9	15	15	11	22	4	15	.....	7.6	6.8	11.4	11.4	8.3	16.7	3.0	11.4
Tailors—																			
25 to 34 years.....	279	5	115	7	1	18	17	15	15	14	1.8	41.2	2.5	0.4	6.5	6.1	5.4	5.4	5.0
35 to 44 years.....	405	7	124	28	13	41	22	22	20	16	1.7	30.6	6.9	3.2	10.1	5.4	5.4	4.9	4.0
45 to 54 years.....	412	4	81	39	23	40	31	31	25	22	1.0	19.7	9.5	5.6	11.9	7.5	7.5	6.1	5.3
55 to 64 years.....	372	2	32	37	30	55	26	50	15	17	0.5	8.6	9.9	8.1	14.8	7.0	13.4	4.0	4.6
Agriculture, transportation, and other outdoor:—																			
25 to 34 years.....	7,969	451	1,747	95	94	289	502	236	275	2,550	5.7	21.9	1.2	1.2	3.6	6.3	3.0	3.5	32.0
35 to 44 years.....	8,109	261	1,518	232	249	502	669	350	254	2,060	3.2	18.7	2.9	3.1	6.2	8.3	4.3	3.1	25.4
45 to 54 years.....	8,981	192	1,016	602	488	990	758	621	309	1,493	2.1	11.3	6.7	5.4	11.0	8.4	6.9	3.4	16.6
55 to 64 years.....	10,389	99	723	964	1,111	1,611	760	972	259	915	1.0	7.0	9.3	10.7	15.5	7.3	9.4	2.5	8.8
Draymen, hackmen, teamsters, etc.—																			
25 to 34 years.....	1,183	38	425	12	13	62	120	62	41	153	3.2	35.9	1.0	1.1	5.2	10.1	5.2	3.5	12.9
35 to 44 years.....	1,252	28	389	21	32	81	103	96	33	165	2.2	31.1	1.7	2.6	6.5	8.2	7.7	2.6	13.2
45 to 54 years.....	996	12	156	56	48	122	98	108	24	128	1.2	15.7	5.6	4.8	12.2	9.8	10.8	2.4	12.9
55 to 64 years.....	696	3	58	64	67	113	53	80	19	71	0.4	8.3	9.2	9.6	16.2	7.6	11.5	2.7	10.2
Farmers, planters, and farm laborers—																			
25 to 34 years.....	3,237	245	828	54	51	131	200	99	133	584	7.6	25.6	1.7	1.6	4.0	6.2	3.1	4.1	18.0
35 to 44 years.....	3,435	146	643	130	129	236	318	141	135	518	4.3	18.7	3.8	3.8	6.9	9.3	4.1	3.9	15.1
45 to 54 years.....	4,900	124	572	382	318	577	409	291	210	521	2.5	11.7	7.8	6.5	11.8	8.3	5.9	4.3	10.6
55 to 64 years.....	6,978	72	470	697	808	1,133	491	634	183	426	1.0	6.7	10.0	11.6	16.2	7.0	9.1	2.6	6.1
Gardeners, florists, nurs- erymen, and vine growers—																			
25 to 34 years.....	79	9	17	.....	.....	6	3	3	9	9	11.4	21.5	.....	.....	7.6	3.8	3.8	3.8	11.4
35 to 44 years.....	180	4	27	4	1	9	10	10	6	15	2.3	22.5	3.3	0.8	7.5	8.3	8.3	4.2	12.5
45 to 54 years.....	160	2	21	15	4	24	13	14	5	13	1.3	13.1	9.4	2.5	15.0	8.1	8.8	3.1	8.1
55 to 64 years.....	260	2	16	28	17	39	24	28	8	18	0.8	6.2	10.8	6.5	15.0	9.2	10.8	3.1	6.9

¹ Except for the aggregate, the four ten-year age periods corresponding to the most active period of life only are presented in this bulletin. The full data will be shown in the annual report. Only occupations with at least 1,000 deaths are shown, and age groups having less than 200 deaths from all causes are distinguished by italics.

OCCUPATIONS AND CAUSES OF DEATH.

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TABLE 6.—MALES—NUMBER AND PER CENT DISTRIBUTION, BY IMPORTANT CAUSES, OF DEATHS OF MALES AT LEAST 10 YEARS OF AGE ENGAGED IN CERTAIN SPECIFIED OCCUPATIONS, CLASSIFIED BY AGE, FOR THE REGISTRATION AREA: 1908—Continued.

OCCUPATION AND AGE AT DEATH. ¹	DEATHS OF MALES AT LEAST 10 YEARS OF AGE ENGAGED IN CERTAIN SPECIFIED OCCUPATIONS.																		
	Number of deaths.									Per cent of all causes at specified age.									
	All causes.	Typhoid fever.	Tuberculosis of lungs.	Cancer.	Apo-plexy and paralysis.	Heart disease.	Pneumonia (all forms).	Bright's disease.	Sui-cide.	Other violence.	Typhoid fever.	Tuberculosis of lungs.	Cancer.	Apo-plexy and paralysis.	Heart disease.	Pneumonia (all forms).	Bright's disease.	Sui-cide.	Acci-ent.
Agriculture, transportation, and other outdoor—Con. Miners and quarrymen—																			
25 to 34 years.....	1,052	46	56	6	8	23	59	16	23	653	4.4	5.3	0.6	0.8	2.2	5.6	1.5	2.2	62.1
35 to 44 years.....	987	23	116	23	15	40	75	20	16	468	2.3	11.8	2.3	1.8	4.1	7.9	2.0	1.6	47.4
45 to 54 years.....	876	15	102	43	21	61	91	47	12	258	1.7	11.6	4.9	2.4	7.0	10.4	5.4	1.4	29.5
55 to 64 years.....	705	9	90	43	50	76	67	51	14	94	1.3	12.8	6.1	7.1	10.8	9.5	7.2	2.0	13.3
Sailors, pilots, fishermen, and oystermen—																			
25 to 34 years.....	274	22	64	3	6	14	24	6	9	66	8.0	23.4	1.1	2.2	5.1	8.8	2.2	3.3	24.1
35 to 44 years.....	294	10	62	11	8	23	24	7	11	67	3.4	21.1	3.7	2.7	7.8	9.9	2.4	3.7	22.8
45 to 54 years.....	291	1	31	14	18	39	29	35	8	45	0.3	10.7	4.8	6.2	18.4	8.2	12.0	2.7	15.5
55 to 64 years.....	340	5	24	26	33	56	28	38	4	31	1.5	7.1	7.6	9.7	16.5	8.2	11.2	1.2	9.1
Steam-railroad employes—																			
25 to 34 years.....	1,321	40	139	12	9	23	43	27	26	849	3.0	10.5	0.9	0.7	1.7	3.3	2.0	2.0	64.3
35 to 44 years.....	1,186	25	108	18	26	52	68	40	23	655	2.1	9.1	1.5	2.2	4.4	5.7	3.4	1.9	55.2
45 to 54 years.....	914	14	45	36	42	76	47	59	18	398	1.5	4.9	3.9	4.6	8.3	5.1	6.5	2.0	48.5
55 to 64 years.....	714	4	25	51	68	77	37	62	10	202	0.6	3.5	7.1	9.5	10.8	5.2	8.7	1.4	28.3

¹ Except for the aggregate, the four ten-year age periods corresponding to the most active period of life only are presented in this bulletin. The full data will be shown in the annual report. Only occupations with at least 1,000 deaths are shown, and age groups having less than 200 deaths from all causes are distinguished by *italics*.

TABLE 7.—FEMALES—NUMBER AND PER CENT DISTRIBUTION, BY IMPORTANT CAUSES, OF DEATHS OF FEMALES AT LEAST 10 YEARS OF AGE ENGAGED IN CERTAIN SPECIFIED OCCUPATIONS, CLASSIFIED BY AGE, FOR THE REGISTRATION AREA: 1908.

OCCUPATION AND AGE AT DEATH. ¹	DEATHS OF FEMALES AT LEAST 10 YEARS OF AGE ENGAGED IN CERTAIN SPECIFIED OCCUPATIONS.																		
	Number of deaths.									Per cent of all causes at specified age.									
	All causes.	Typhoid fever.	Tuberculosis of lungs.	Cancer.	Apo-plexy and paralysis.	Heart disease.	Pneumonia (all forms).	Bright's disease.	Sui-cide.	Other violence.	Typhoid fever.	Tuberculosis of lungs.	Cancer.	Apo-plexy and paralysis.	Heart disease.	Pneumonia (all forms).	Bright's disease.	Sui-cide.	Acci-ent.
All occupations reported.....	26,205	808	5,511	1,970	1,527	2,637	1,835	1,836	454	856	3.1	21.0	7.5	5.8	10.1	7.0	7.0	1.7	3.3
10 to 14 years.....	85	12	14	1	3	6	3	82	121	14.1	16.5	1.2	2.5	7.1	3.5	3.5	3.5	3.5	8.2
15 to 19 years.....	2,267	200	759	20	10	88	134	53	82	121	8.8	33.5	0.9	0.4	3.9	5.9	2.3	3.6	5.3
20 to 24 years.....	3,543	221	1,374	24	21	143	187	94	104	133	6.2	33.8	0.7	0.6	4.0	5.3	2.7	2.9	3.8
25 to 34 years.....	4,997	192	1,730	135	77	330	299	261	113	158	3.8	34.6	2.7	1.5	6.6	6.0	5.2	2.3	3.2
35 to 44 years.....	4,220	97	909	420	168	417	273	301	72	128	2.3	21.5	10.0	4.0	9.9	6.6	7.1	1.7	3.0
45 to 54 years.....	4,101	50	419	581	345	562	328	428	46	123	1.2	10.2	14.2	8.4	13.7	8.0	10.4	0.7	3.0
55 to 64 years.....	3,852	26	219	518	489	590	338	402	27	100	0.7	5.7	13.4	12.7	15.3	8.8	10.4	0.7	2.6
65 years and over.....	3,117	10	83	270	416	501	263	290	10	86	0.3	2.7	8.7	13.3	16.1	8.4	9.3	0.3	2.8
Unknown.....	23	4	4	1	1	3	2	4	4	4	17.4	4.3	4.3	18.0	8.7	17.4	17.4	17.4	2.8
Teachers in schools:																			
25 to 34 years.....	274	14	104	7	3	12	16	10	7	12	5.1	38.0	2.6	1.1	4.4	5.8	3.6	2.6	4.4
35 to 44 years.....	207	9	42	29	6	19	14	11	4	9	4.3	20.3	14.0	2.9	9.2	6.8	5.3	1.9	4.3
45 to 54 years.....	162	3	12	20	11	17	19	12	2	6	2.0	7.9	13.3	7.2	11.2	12.5	7.9	1.3	3.9
55 to 64 years.....	110	4	3	18	18	17	11	10	2	3	3.6	2.7	16.4	16.4	15.5	10.0	9.1	1.8	2.7
Bookkeepers, clerks, and copyists:																			
25 to 34 years.....	318	21	110	14	3	23	13	17	6	11	6.6	34.6	4.4	0.9	7.2	4.1	5.3	1.9	3.5
35 to 44 years.....	155	5	35	24	4	11	6	4	1	9	3.2	22.6	15.5	2.6	7.1	3.9	2.6	0.6	5.8
45 to 54 years.....	64	2	6	9	7	4	3	3	2	1	3.1	9.4	14.1	10.9	6.3	3.1	4.7	3.1	1.6
55 to 64 years.....	36	1	1	6	7	7	3	2	1	1	2.9	14.3	20.0	20.0	5.7	5.7	5.7	5.7	2.9
Laundresses:																			
25 to 34 years.....	208	5	67	6	5	25	11	12	5	5	2.4	32.2	2.9	2.4	12.0	5.3	5.8	0.7	2.4
35 to 44 years.....	242	6	36	17	17	27	21	23	1	8	2.5	14.9	7.0	7.0	11.2	8.7	9.5	0.4	3.3
45 to 54 years.....	234	33	21	15	36	21	21	31	2	6	14.1	9.0	6.4	15.4	9.0	13.2	10.8	0.9	2.6
55 to 64 years.....	146	7	14	18	21	18	13	10	1	5	4.3	9.6	12.3	14.4	8.9	6.3	6.3	0.7	3.4
Servants:																			
25 to 34 years.....	2,554	79	819	70	46	177	160	135	57	75	3.1	32.1	2.7	1.8	6.9	6.3	5.3	2.2	2.9
35 to 44 years.....	2,404	46	511	210	115	250	162	181	33	58	1.9	21.3	8.7	4.8	10.4	6.7	7.5	0.8	2.4
45 to 54 years.....	2,488	28	263	331	226	359	197	269	20	64	1.1	10.6	13.3	9.1	14.4	7.9	10.8	0.8	2.6
55 to 64 years.....	2,590	16	147	316	337	392	230	305	12	59	0.6	5.7	12.2	13.0	15.1	8.9	11.8	0.5	2.3
Dressmakers and seamstresses:																			
25 to 34 years.....	324	9	156	9	2	18	25	17	7	7	2.8	48.1	2.8	0.6	5.6	7.7	5.2	2.2	2.2
35 to 44 years.....	338	9	84	55	7	29	20	19	7	10	2.7	24.9	16.3	2.1	8.6	5.9	5.6	2.1	3.0
45 to 54 years.....	324	2	34	65	22	42	23	35	4	14	0.6	10.5	20.1	6.8	13.0	7.1	10.8	1.2	4.4
55 to 64 years.....	256	1	18	34	22	50	22	23	2	6	0.4	7.0	13.3	8.6	19.5	8.6	9.0	0.8	2.3

¹ Except for the aggregate, the four ten-year age periods corresponding to the most active period of life only are presented in this bulletin. The full data will be shown in the annual report. Only occupations with at least 1,000 deaths are shown, and age groups having less than 200 deaths from all causes are distinguished by *italics*.

MORTALITY STATISTICS.

TABLE 8.—MALES—INDEX OF THE RELATIVE IMPORTANCE OF EACH SPECIFIED CAUSE OF DEATH AS COMPARED WITH ALL CAUSES, IN EACH SPECIFIED OCCUPATION AS COMPARED WITH ITS RELATIVE IMPORTANCE IN ALL OCCUPATIONS, WITH A DISTINCTION AS TO AGE AT DEATH.¹ 1908.

OCCUPATION AND AGE AT DEATH.	PER CENT OF AVERAGE PER CENT OF DEATHS FROM EACH CAUSE AT SPECIFIED AGE PERIOD.								
	Typhoid fever.	Tuberculosis of lungs.	Cancer.	Apoplexy and paralysis.	Heart disease.	Pneumonia (all forms).	Bright's disease.	Suicide.	Accident.
All occupations reported:									
25 to 34 years.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
35 to 44 years.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
45 to 54 years.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
55 to 64 years.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Professional service:									
25 to 34 years.....	127.1	102.9	130.8	115.4	112.8	75.0	80.0	113.2	72.4
35 to 44 years.....	122.6	79.4	122.6	124.1	113.5	89.5	126.2	153.8	59.6
45 to 54 years.....	100.0	72.9	96.9	120.3	105.5	88.6	107.4	107.9	57.4
55 to 64 years.....	57.1	51.3	98.9	112.7	100.7	87.2	121.8	84.0	63.5
Clergymen—									
25 to 34 years.....	169.5	116.5	153.8	.....	170.2	83.3	100.0	52.6	23.0
35 to 44 years.....	119.4	98.4	177.4	220.7	143.6	96.5	70.8	71.8	27.2
45 to 54 years.....	113.5	104.9	166.9	71.2	81.8	95.5	121.3	63.2	29.7
55 to 64 years.....	114.3	38.2	107.9	127.5	102.0	69.2	116.0	32.0	27.0
Engineers and surveyors—									
25 to 34 years.....	116.9	104.5	84.6	84.6	72.3	47.2	57.5	113.2	126.4
35 to 44 years.....	145.2	94.7	116.1	110.3	109.5	89.5	110.8	105.1	145.6
45 to 54 years.....	143.8	69.0	130.8	115.3	129.1	77.3	47.9	134.2	123.3
55 to 64 years.....	142.9	60.0	119.1	122.5	82.2	98.7	39.1	76.0	122.2
Lawyers—									
25 to 34 years.....	215.3	91.9	76.9	153.8	83.0	81.9	97.5	165.3	44.3
35 to 44 years.....	82.5	56.4	138.7	124.1	213.5	75.6	144.6	202.6	56.3
45 to 54 years.....	87.5	72.2	63.1	198.3	90.0	102.3	120.2	142.1	35.6
55 to 64 years.....	114.3	46.1	69.7	117.6	99.3	64.1	132.8	108.0	66.7
Physicians and surgeons—									
25 to 34 years.....	125.4	92.9	69.2	146.2	19.1	115.3	115.0	73.7	58.6
35 to 44 years.....	64.6	47.7	129.0	120.7	109.5	146.5	155.4	115.4	44.9
45 to 54 years.....	137.5	32.6	66.2	130.5	77.3	81.8	130.9	55.3	54.5
55 to 64 years.....	122.3	64.5	97.8	92.2	91.4	84.6	122.7	96.0	71.4
Clerical and official:									
25 to 34 years.....	101.7	130.7	107.7	107.7	123.4	87.5	132.5	100.0	33.9
35 to 44 years.....	132.3	108.2	116.1	117.2	105.4	91.9	104.6	130.8	41.2
45 to 54 years.....	87.5	89.6	90.8	120.3	112.7	87.5	124.5	131.6	49.5
55 to 64 years.....	85.7	69.7	104.5	113.7	105.9	87.2	117.6	96.0	55.6
Bookkeepers, clerks, and copyists—									
25 to 34 years.....	96.6	135.6	92.3	100.0	129.8	86.1	127.5	86.8	32.2
35 to 44 years.....	112.9	121.8	109.7	106.9	94.6	97.7	103.1	117.9	39.7
45 to 54 years.....	75.0	114.6	80.0	122.0	115.5	85.2	123.4	102.6	42.6
55 to 64 years.....	85.7	90.8	101.1	108.8	101.3	87.2	123.5	112.0	57.1
Bankers, brokers, and officials of companies—									
25 to 34 years.....	169.1	79.0	.....	92.3	78.7	34.7	60.0	223.7	43.9
35 to 44 years.....	241.9	55.1	96.8	137.6	101.4	112.3	115.4	210.3	33.1
45 to 54 years.....	137.5	72.9	100.0	127.1	72.7	85.2	106.4	210.5	34.7
55 to 64 years.....	57.1	46.1	118.0	96.1	97.4	100.0	95.0	108.0	42.9
Collectors, auctioneers, and agents—									
25 to 34 years.....	133.9	101.9	192.3	130.8	123.4	115.3	155.0	173.7	40.8
35 to 44 years.....	174.2	81.5	125.8	165.5	129.7	73.7	98.9	153.8	48.5
45 to 54 years.....	63.8	52.1	112.3	105.1	114.5	92.0	124.5	184.2	65.3
55 to 64 years.....	100.0	47.4	102.2	128.4	111.8	82.1	124.4	96.0	57.1
Mercantile and trading:									
25 to 34 years.....	94.9	111.3	130.8	138.5	119.1	101.4	95.0	126.3	39.7
35 to 44 years.....	100.0	91.8	132.3	86.2	120.3	89.5	113.8	135.9	44.1
45 to 54 years.....	106.3	80.6	120.0	115.3	105.5	88.6	120.2	113.2	54.5
55 to 64 years.....	100.0	73.7	100.0	100.0	101.3	93.6	121.0	100.0	60.3
Merchants and dealers—									
25 to 34 years.....	118.6	99.4	176.9	192.3	114.9	93.1	65.0	126.3	38.5
35 to 44 years.....	129.0	72.0	161.3	89.7	121.6	83.7	107.7	156.4	34.6
45 to 54 years.....	93.8	68.8	133.8	113.6	110.9	76.1	117.0	110.5	52.5
55 to 64 years.....	114.3	61.8	100.0	100.0	99.3	94.9	128.6	80.0	54.0
Public entertainment:									
25 to 34 years.....	52.5	106.1	107.7	146.2	102.1	134.7	185.0	147.4	36.2
35 to 44 years.....	77.4	89.7	48.4	113.8	118.9	127.9	153.8	105.1	31.6
45 to 54 years.....	100.0	81.3	84.6	108.5	70.0	94.3	131.9	110.5	33.7
55 to 64 years.....	142.9	86.8	94.4	98.0	67.1	102.6	110.1	156.0	28.6
Saloon keepers, liquor dealers, bartenders, and restaurant keepers—									
25 to 34 years.....	50.8	107.1	100.0	146.2	104.3	136.1	165.0	160.5	36.8
35 to 44 years.....	83.9	96.7	48.4	110.3	118.9	122.1	150.8	107.7	31.6
45 to 54 years.....	93.8	88.2	84.6	110.2	64.5	95.5	133.0	115.8	27.7
55 to 64 years.....	142.9	96.1	93.3	94.1	58.6	106.4	110.1	168.0	34.9
Personal service, police, and military:									
25 to 34 years.....	113.6	107.8	61.5	146.2	117.0	87.5	107.5	126.3	63.2
35 to 44 years.....	64.5	104.9	109.7	144.8	97.3	93.0	126.2	115.4	62.5
45 to 54 years.....	81.3	81.3	81.5	123.7	97.3	109.1	112.8	107.9	64.4
55 to 64 years.....	100.0	77.6	97.8	83.3	109.9	109.0	121.0	80.0	93.7

¹ The index is the percentage obtained by dividing the per cent which deaths from the given cause form of deaths from all causes for all occupations into the corresponding per cent for the specified occupation. It shows, for example, that at the age period 25 to 34 years the per cent of deaths from typhoid fever in professional service (7.5) is 127.1 per cent of the per cent of deaths from typhoid fever in all occupations (5.9). Only occupations with at least 1,000 deaths are shown, and age groups having less than 200 deaths from all causes are distinguished by italics.

OCCUPATIONS AND CAUSES OF DEATH.

TABLE 8.—MALES—INDEX OF THE RELATIVE IMPORTANCE OF EACH SPECIFIED CAUSE OF DEATH AS COMPARED WITH ALL CAUSES, IN EACH SPECIFIED OCCUPATION AS COMPARED WITH ITS RELATIVE IMPORTANCE IN ALL OCCUPATIONS, WITH A DISTINCTION AS TO AGE AT DEATH: 1908—Continued.

OCCUPATION AND AGE AT DEATH.	PER CENT OF AVERAGE PER CENT OF DEATHS FROM EACH CAUSE AT SPECIFIED AGE PERIOD.								
	Typhoid fever.	Tuberculosis of lungs.	Cancer.	Apoplexy and paralysis.	Heart disease.	Pneumonia (all forms).	Bright's disease.	Suicide.	Accident.
Personal service, police, and military—Continued.									
Barbers and hairdressers—									
25 to 34 years.....	86.4	129.8	-----	138.5	125.5	91.7	120.0	115.8	25.3
35 to 44 years.....	64.5	123.9	64.5	158.6	97.3	57.0	101.5	117.9	64.0
45 to 54 years.....	25.0	83.3	78.5	110.2	112.7	95.5	111.7	86.8	24.8
55 to 64 years.....	171.4	146.1	96.6	97.1	101.3	55.1	98.3	100.0	49.2
Policemen, watchmen, and detectives—									
25 to 34 years.....	135.6	72.5	84.6	84.6	121.3	95.8	100.0	89.5	115.5
35 to 44 years.....	67.7	72.0	190.3	162.1	79.7	110.5	167.7	120.5	63.2
45 to 54 years.....	100.0	65.3	96.9	142.4	94.5	86.4	106.4	81.6	85.1
55 to 64 years.....	100.0	51.3	101.1	82.4	98.0	116.7	124.4	84.0	136.5
Laboring and servant:									
25 to 34 years.....	106.8	102.3	84.6	84.6	108.5	137.5	112.5	73.7	74.1
35 to 44 years.....	90.3	113.2	80.6	86.2	104.1	119.8	109.2	76.9	81.6
45 to 54 years.....	81.3	130.6	80.0	83.1	100.0	131.8	106.4	68.4	85.1
55 to 64 years.....	85.7	147.4	80.9	77.5	96.7	141.0	106.7	76.0	85.7
Laborers (not agricultural)—									
25 to 34 years.....	111.9	98.1	92.3	92.3	108.5	143.1	112.5	65.8	77.6
35 to 44 years.....	96.8	110.3	83.9	86.2	102.7	122.1	109.2	69.2	86.0
45 to 54 years.....	81.3	129.9	84.6	83.1	97.3	136.4	104.3	68.4	87.1
55 to 64 years.....	85.7	146.1	84.3	77.5	96.1	143.6	106.7	68.0	84.1
Servants—									
25 to 34 years.....	72.9	132.4	69.2	30.8	104.3	97.2	105.0	134.2	47.1
35 to 44 years.....	51.6	136.2	45.2	75.9	116.2	100.0	115.4	125.6	51.5
45 to 54 years.....	75.0	136.1	43.1	81.4	131.8	90.9	117.0	86.8	67.3
55 to 64 years.....	71.4	171.1	38.2	79.4	109.2	116.7	109.2	156.0	103.2
Manufacturing and mechanical industry:									
25 to 34 years.....	96.6	114.9	100.0	107.7	102.1	90.3	105.0	115.8	79.3
35 to 44 years.....	96.8	116.0	112.9	93.1	102.7	93.0	104.6	102.6	80.1
45 to 54 years.....	87.5	116.0	110.8	98.3	97.3	93.2	105.3	110.5	88.1
55 to 64 years.....	100.0	107.9	105.6	102.0	98.0	91.0	103.4	116.0	95.2
Bakers and confectioners—									
25 to 34 years.....	147.5	99.7	176.9	46.2	87.2	112.5	117.5	184.2	50.0
35 to 44 years.....	119.4	102.5	119.4	110.3	100.0	129.1	92.3	117.9	64.7
45 to 54 years.....	31.3	81.9	104.6	69.5	111.8	77.3	144.7	144.7	85.1
55 to 64 years.....	-----	46.1	93.1	120.6	100.0	74.4	108.4	116.0	86.6
Blacksmiths—									
25 to 34 years.....	115.3	89.3	-----	76.9	134.0	103.3	142.5	68.4	74.7
35 to 44 years.....	132.3	103.7	154.8	82.8	82.4	87.2	73.8	112.8	64.7
45 to 54 years.....	212.5	98.6	130.8	127.1	99.1	96.6	93.6	123.7	89.1
55 to 64 years.....	157.1	106.6	118.0	92.2	121.7	83.3	79.0	132.0	93.7
Boot and shoe makers—									
25 to 34 years.....	71.2	142.7	146.2	176.9	129.8	47.2	125.0	100.0	39.7
35 to 44 years.....	93.5	124.3	93.5	151.7	137.8	80.2	116.9	84.6	61.8
45 to 54 years.....	87.5	111.8	141.5	145.8	118.2	81.8	135.1	105.3	51.5
55 to 64 years.....	71.4	85.5	102.2	144.1	105.9	92.3	89.9	140.0	77.8
Butchers—									
25 to 34 years.....	98.3	105.8	146.2	107.7	91.5	113.9	180.0	202.6	66.1
35 to 44 years.....	45.2	119.3	80.6	37.9	127.0	114.0	127.7	110.3	47.8
45 to 54 years.....	106.3	85.4	123.1	130.5	81.8	121.6	135.1	34.2	52.5
55 to 64 years.....	114.3	56.6	161.8	106.9	102.6	74.4	91.6	108.0	92.1
Carpenters and joiners—									
25 to 34 years.....	149.2	94.5	138.5	76.9	74.5	90.3	55.0	97.4	117.8
35 to 44 years.....	138.7	114.8	93.5	96.6	118.9	97.7	70.8	125.6	88.2
45 to 54 years.....	93.8	99.3	104.6	93.2	89.1	92.0	80.9	163.2	131.7
55 to 64 years.....	114.3	110.5	119.1	98.0	90.1	85.9	95.8	140.0	117.5
Compositors, printers, and pressmen—									
25 to 34 years.....	78.0	159.2	61.5	-----	74.5	48.6	95.0	100.0	42.0
35 to 44 years.....	45.2	167.1	32.3	72.4	94.6	101.2	101.5	89.7	41.2
45 to 54 years.....	50.0	143.1	60.0	86.4	102.7	93.2	144.7	50.0	53.5
55 to 64 years.....	157.1	115.8	74.2	80.4	80.1	70.6	142.9	88.0	52.4
Engineers and firemen (not locomotive)—									
25 to 34 years.....	157.6	73.5	215.4	176.9	100.0	88.9	57.5	110.5	125.9
35 to 44 years.....	100.0	82.3	112.9	100.0	89.2	115.1	109.2	51.3	147.8
45 to 54 years.....	75.0	75.0	110.8	106.8	112.7	103.7	111.7	76.3	110.9
55 to 64 years.....	42.9	63.2	85.4	95.1	109.2	106.4	121.8	40.0	106.3
Iron and steel workers—									
25 to 34 years.....	83.1	88.7	38.5	153.8	70.2	127.8	82.5	128.9	148.3
35 to 44 years.....	83.9	103.3	125.8	53.6	93.2	109.3	86.2	100.0	125.7
45 to 54 years.....	156.3	129.2	147.7	69.5	80.9	112.5	94.7	65.8	105.0
55 to 64 years.....	114.3	121.1	68.5	114.7	78.3	110.3	121.0	132.0	101.6
Machinists—									
25 to 34 years.....	115.3	118.4	61.5	138.5	95.7	79.2	137.5	123.7	64.9
35 to 44 years.....	164.5	85.6	87.1	120.7	127.0	111.6	96.9	130.8	85.3
45 to 54 years.....	131.3	101.4	112.3	105.1	96.4	83.0	92.6	147.4	78.2
55 to 64 years.....	185.7	105.3	106.7	82.4	88.8	97.4	105.9	116.0	117.5

¹ The index is the percentage obtained by dividing the per cent which deaths from the given cause form of deaths from all causes for all occupations into the corresponding per cent for the specified occupation. It shows, for example, that at the age period 25 to 34 years the per cent of deaths from typhoid fever in professional service (7.5) is 127.1 per cent of the per cent of deaths from typhoid fever in all occupations (5.9). Only occupations with at least 1,000 deaths are shown, and age groups having less than 200 deaths from all causes are distinguished by italics.

MORTALITY STATISTICS.

TABLE 8.—MALES—INDEX OF THE RELATIVE IMPORTANCE OF EACH SPECIFIED CAUSE OF DEATH AS COMPARED WITH ALL CAUSES, IN EACH SPECIFIED OCCUPATION AS COMPARED WITH ITS RELATIVE IMPORTANCE IN ALL OCCUPATIONS, WITH A DISTINCTION AS TO AGE AT DEATH:¹ 1908—Continued.

OCCUPATION AND AGE AT DEATH.	PER CENT OF AVERAGE PER CENT OF DEATHS FROM EACH CAUSE AT SPECIFIED AGE PERIOD.								
	Typhoid fever.	Tuberculosis of lungs.	Cancer.	Apoplexy and paralysis.	Heart disease.	Pneumonia (all forms).	Bright's disease.	Suicide.	Accident.
Manufacturing and mechanical industry—Continued.									
Masons (brick and stone)—									
25 to 34 years.....	72.9	91.3	238.5	46.2	157.4	136.1	107.5	47.4	98.9
35 to 44 years.....	103.2	113.6	138.7	100.0	97.3	66.3	104.6	82.1	100.0
45 to 54 years.....	106.3	118.1	135.4	86.4	80.0	90.9	93.6	89.5	112.9
55 to 64 years.....	28.6	121.1	115.7	87.3	119.1	91.0	74.8	100.0	106.3
Mill and factory operatives (textiles)—									
25 to 34 years.....	72.9	128.8	61.5	92.3	117.0	70.8	107.5	92.1	60.9
35 to 44 years.....	119.4	129.6	212.9	86.2	78.4	91.9	101.5	94.9	85.3
45 to 54 years.....	25.0	150.0	116.9	76.3	100.0	60.2	96.8	118.4	75.2
55 to 64 years.....		126.3	94.4	77.5	143.4	96.2	77.3	100.0	93.7
Painters, glaziers, and varnishers—									
25 to 34 years.....	61.0	118.4	76.9	123.1	106.4	80.6	100.0	94.7	94.8
35 to 44 years.....	61.3	123.5	96.8	65.5	97.3	62.8	170.8	138.5	85.8
45 to 54 years.....	56.3	121.5	100.0	76.3	100.0	78.4	143.6	110.5	118.8
55 to 64 years.....	157.1	106.6	73.0	114.7	89.5	93.6	139.5	92.0	147.6
Plumbers, and gas and steam fitters—									
25 to 34 years.....	61.0	138.8	46.2	100.0	89.4	94.4	137.5	110.5	65.5
35 to 44 years.....	80.6	146.9	58.1	117.2	66.2	72.1	161.5	71.8	63.2
45 to 54 years.....	37.5	106.3	55.4	125.4	98.2	142.0	151.1	60.2	84.2
55 to 64 years.....		100.0	76.4	111.8	75.0	106.4	140.3	120.0	131.0
Tailors—									
25 to 34 years.....	30.5	133.3	192.3	30.8	138.3	84.7	135.0	142.1	28.7
35 to 44 years.....	54.8	125.9	222.6	110.3	136.5	62.8	83.1	125.6	29.4
45 to 54 years.....	62.5	136.8	146.2	94.9	108.2	85.2	79.8	160.5	52.5
55 to 64 years.....	71.4	113.2	111.2	79.4	97.4	89.7	112.6	160.0	73.0
Agriculture, transportation, and other outdoor:									
25 to 34 years.....	96.6	70.9	92.3	92.3	76.6	87.5	75.0	92.1	183.9
35 to 44 years.....	103.2	77.0	93.5	106.9	83.8	96.5	66.2	79.5	186.8
45 to 54 years.....	131.3	78.5	103.1	91.5	100.0	95.5	73.4	89.5	164.4
55 to 64 years.....	142.9	92.1	104.5	104.9	102.0	93.6	79.0	100.0	139.7
Draymen, hackmen, teamsters, etc.—									
25 to 34 years.....	54.2	116.2	76.9	84.6	110.6	140.3	130.0	92.1	74.1
35 to 44 years.....	71.0	128.0	54.8	89.7	87.8	95.3	118.5	66.7	97.1
45 to 54 years.....	75.0	109.0	86.2	81.4	110.9	111.4	114.9	63.2	127.7
55 to 64 years.....	57.1	109.2	103.4	94.1	106.6	97.4	96.6	108.0	161.9
Farmers, planters, and farm laborers—									
25 to 34 years.....	128.8	82.8	130.8	123.1	85.1	86.1	77.5	107.9	103.4
35 to 44 years.....	138.7	77.0	122.6	131.0	93.2	108.1	63.1	100.0	111.0
45 to 54 years.....	156.3	81.3	120.0	110.2	107.3	94.3	62.8	113.2	105.0
55 to 64 years.....	142.9	88.2	112.4	113.7	106.6	89.7	76.5	104.0	96.8
Gardeners, florists, nurserymen, and vine growers—									
25 to 34 years.....	193.2	69.6	106.5	27.6	161.7	52.8	95.0	100.0	65.5
35 to 44 years.....	106.5	92.6	106.5	27.6	101.4	96.5	127.7	107.7	91.9
45 to 54 years.....	81.3	91.0	144.6	42.4	156.4	92.0	86.6	81.6	80.2
55 to 64 years.....	114.3	81.6	121.3	63.7	98.7	117.9	90.8	124.0	109.5
Miners and quarrymen—									
25 to 34 years.....	74.6	17.2	46.2	61.5	46.8	77.8	37.5	57.9	356.9
35 to 44 years.....	74.2	48.6	74.2	62.1	55.4	91.9	30.8	41.0	348.5
45 to 54 years.....	106.3	80.6	75.4	40.7	63.6	118.2	57.4	36.8	292.1
55 to 64 years.....	185.7	168.4	68.5	69.6	71.1	121.8	60.5	80.0	211.1
Sailors, pilots, fishermen, and oystermen—									
25 to 34 years.....	135.6	75.7	84.6	169.2	108.5	122.2	55.0	86.8	138.5
35 to 44 years.....	109.7	86.8	119.4	93.1	105.4	115.1	36.9	94.9	167.6
45 to 54 years.....	18.8	74.3	73.8	105.1	121.8	93.2	127.7	71.1	153.5
55 to 64 years.....	214.3	93.4	85.4	95.1	108.6	105.1	94.1	48.0	144.4
Steam-railroad employees—									
25 to 34 years.....	50.8	34.0	69.2	53.8	36.2	45.8	50.0	52.6	369.5
35 to 44 years.....	67.7	37.4	48.4	75.9	59.5	66.3	52.3	48.7	405.9
45 to 54 years.....	93.8	34.0	60.0	78.0	75.5	58.0	69.1	52.6	430.7
55 to 64 years.....	85.7	46.1	79.8	93.1	71.1	66.7	73.1	56.0	449.2

¹The index is the percentage obtained by dividing the per cent which deaths from the given cause form of deaths from all causes for all occupations into the corresponding per cent for the specified occupation. It shows, for example, that at the age period 25 to 34 years the per cent of deaths from typhoid fever in professional service (7.5) is 127.1 per cent of the per cent of deaths from typhoid fever in all occupations (5.9). Only occupations with at least 1,000 deaths are shown, and age groups having less than 200 deaths from all causes are distinguished by italics.

OCCUPATIONS AND CAUSES OF DEATH.

TABLE 9.—FEMALES—INDEX OF THE RELATIVE IMPORTANCE OF EACH SPECIFIED CAUSE OF DEATH AS COMPARED WITH ALL CAUSES, IN EACH SPECIFIED OCCUPATION AS COMPARED WITH ITS RELATIVE IMPORTANCE IN ALL OCCUPATIONS, WITH A DISTINCTION AS TO AGE AT DEATH :¹ 1908.

OCCUPATION AND AGE AT DEATH.	PER CENT OF AVERAGE PER CENT OF DEATHS FROM EACH CAUSE AT SPECIFIED AGE PERIOD.								
	Typhoid fever.	Tuberculosis of lungs.	Cancer.	Apoplexy and paralysis.	Heart disease.	Pneumonia (all forms).	Bright's disease.	Suicide.	Accident.
All occupations reported:									
25 to 34 years.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
35 to 44 years.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
45 to 54 years.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
55 to 64 years.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Teachers in schools:									
25 to 34 years.....	134.2	109.8	96.3	73.3	66.7	96.7	69.2	113.0	137.5
35 to 44 years.....	187.0	94.4	140.0	72.5	92.9	103.0	74.6	111.8	143.3
45 to 54 years.....	166.7	77.5	93.0	85.7	81.8	156.3	76.0	113.2	130.0
55 to 64 years.....	514.3	47.4	123.4	120.1	101.3	113.6	87.5	257.1	103.3
Bookkeepers, clerks, and copyists:									
25 to 34 years.....	173.7	100.0	163.0	60.0	109.1	68.3	101.9	82.6	109.4
35 to 44 years.....	139.1	105.1	155.0	65.0	71.7	59.1	86.6	35.3	193.3
45 to 54 years.....	253.3	92.2	99.3	123.3	46.0	38.3	45.2	231.3	53.3
55 to 64 years.....		50.9	106.7	157.5	130.7	64.3	54.3		111.3
Laundresses:									
25 to 34 years.....	63.2	93.1	107.4	160.0	181.8	88.3	111.5		75.0
35 to 44 years.....	103.7	69.3	70.0	175.0	113.1	131.3	133.8	23.5	110.0
45 to 54 years.....		133.2	63.4	76.2	112.4	112.5	126.9	81.8	86.7
55 to 64 years.....		84.2	71.6	96.9	94.1	101.1	65.4	100.0	130.3
Servants:									
25 to 34 years.....	81.6	92.8	100.0	120.0	104.5	105.0	101.9	95.7	90.6
35 to 44 years.....	82.6	99.1	87.0	120.0	105.1	101.5	105.6	82.4	80.0
45 to 54 years.....	91.7	103.9	93.7	103.3	105.1	98.8	103.8	72.7	86.7
55 to 64 years.....	85.7	100.0	91.0	102.4	98.7	101.1	113.5	71.4	88.5
Dressmakers and seamstresses:									
25 to 34 years.....	73.7	139.0	103.7	40.0	84.8	123.3	100.0	95.7	63.8
35 to 44 years.....	117.4	115.8	163.0	52.5	86.9	89.4	73.9	123.5	100.0
45 to 54 years.....	50.0	102.9	141.5	81.0	94.9	88.8	103.8	109.1	146.7
55 to 64 years.....	57.1	122.8	99.3	67.7	127.5	97.7	86.5	114.3	83.5

¹The index is the percentage obtained by dividing the per cent which deaths from the given cause form of deaths from all causes for all occupations into the corresponding per cent for the specified occupation. It shows, for example, that at the age period 25 to 34 years the per cent of deaths from typhoid fever in teachers in schools (5.1) is 134.2 per cent of the per cent of deaths from typhoid fever in all occupations (3.8). Only occupations with at least 1,000 deaths are shown, and age groups having less than 200 deaths from all causes are distinguished by italics.

MORTALITY STATISTICS.

TABLE 10.—MALES—RELATIVE IMPORTANCE OF CERTAIN CAUSES OF DEATH, AT SPECIFIED AGE PERIODS, FOR THE SAME AGE

25 TO 34 YEARS.		35 TO 44 YEARS.	
Occupation. ¹	Index of relative importance (per cent).	Occupation. ¹	Index of relative importance (per cent).
TYPHOID FEVER.			
<i>Lawyers</i>	216.3	<i>Bankers, brokers, and officials of companies</i>	241.9
<i>Gardeners, florists, nurserymen, and vine growers</i>	193.2	Collectors, auctioneers, and agents.....	174.2
<i>Clergymen</i>	189.6	Machinists.....	164.5
<i>Bankers, brokers, and officials of companies</i>	188.1	Engineers and surveyors.....	145.2
Engineers and firemen (not locomotive).....	157.6	Carpenters and joiners.....	138.7
Carpenters and joiners.....	149.2	Farmers, planters, and farm laborers.....	138.7
<i>Bakers and confectioners</i>	147.6	CLERICAL AND OFFICIAL.....	132.3
<i>Policemen, watchmen, and detectives</i>	136.6	Blacksmiths.....	132.3
Sailors, pilots, fishermen, and oystermen.....	135.6	Merchants and dealers.....	129.0
Collectors, auctioneers, and agents.....	133.9	PROFESSIONAL SERVICE.....	122.6
Farmers, planters, and farm laborers.....	128.8	<i>Clergymen</i>	119.4
PROFESSIONAL SERVICE.....	127.1	Bakers and confectioners.....	119.4
<i>Physicians and surgeons</i>	125.4	Mill and factory operatives (textiles).....	119.4
Merchants and dealers.....	118.6	Bookkeepers, clerks, and copyists.....	112.9
Engineers and surveyors.....	116.9	Sailors, pilots, fishermen, and oystermen.....	109.7
<i>Blacksmiths</i>	116.3	<i>Gardeners, florists, nurserymen, and vine growers</i>	106.6
Machinists.....	115.3	Masons (brick and stone).....	103.2
PERSONAL SERVICE, POLICE, AND MILITARY.....	113.6	AGRICULTURE, TRANSPORTATION, AND OTHER OUTDOOR.....	103.2
Laborers (not agricultural).....	111.9		
LABORING AND SERVANT.....	106.8	MERCANTILE AND TRADING.....	100.0
CLERICAL AND OFFICIAL.....	101.7	Average, all specified occupations.....	100.0
Average, all specified occupations.....	100.0	Engineers and firemen (not locomotive).....	100.0
Butchers.....	98.3	Laborers (not agricultural).....	96.8
Bookkeepers, clerks, and copyists.....	96.6	MANUFACTURING AND MECHANICAL INDUSTRY.....	96.8
MANUFACTURING AND MECHANICAL INDUSTRY.....	96.6	<i>Lawyers</i>	93.5
AGRICULTURE, TRANSPORTATION, AND OTHER OUTDOOR.....	96.6	Boot and shoe makers.....	93.5
MERCANTILE AND TRADING.....	94.9	LABORING AND SERVANT.....	90.3
Barbers and hairdressers.....	86.4	Saloon keepers, liquor dealers, bartenders, and restaurant keepers.....	83.9
Iron and steel workers.....	83.1	Plumbers, and gas and steam fitters.....	80.6
Compositors, printers, and pressmen.....	78.0	PUBLIC ENTERTAINMENT.....	77.4
Miners and quarrymen.....	74.6	Miners and quarrymen.....	74.2
Servants.....	72.9	Draymen, hackmen, teamsters, etc.....	71.0
<i>Masons (brick and stone)</i>	72.9	Policemen, watchmen, and detectives.....	67.7
Mill and factory operatives (textiles).....	72.9	Steam-railroad employees.....	67.7
Boot and shoe makers.....	71.2	<i>Physicians and surgeons</i>	64.5
Painters, glaziers, and varnishers.....	61.0	PERSONAL SERVICE, POLICE, AND MILITARY.....	64.5
Plumbers, and gas and steam fitters.....	61.0	Barbers and hairdressers.....	64.5
Draymen, hackmen, teamsters, etc.....	54.2	Painters, glaziers, and varnishers.....	61.3
PUBLIC ENTERTAINMENT.....	52.5	Tailors.....	54.8
Saloon keepers, liquor dealers, bartenders, and restaurant keepers.....	50.8	Servants.....	51.6
Steam railroad employees.....	50.8	Butchers.....	45.2
Tailors.....	30.5	Compositors, printers, and pressmen.....	45.2
TUBERCULOSIS OF LUNGS.			
Compositors, printers, and pressmen.....	159.2	Compositors, printers, and pressmen.....	167.1
Boot and shoe makers.....	142.7	Plumbers, and gas and steam fitters.....	146.9
Plumbers, and gas and steam fitters.....	138.8	Servants.....	136.2
Bookkeepers, clerks, and copyists.....	135.6	Mill and factory operatives (textiles).....	129.6
Tailors.....	133.3	Draymen, hackmen, teamsters, etc.....	128.0
Servants.....	132.4	Tailors.....	125.9
CLERICAL AND OFFICIAL.....	130.7	Boot and shoe makers.....	124.3
Barbers and hairdressers.....	129.8	Barbers and hairdressers.....	123.9
Mill and factory operatives (textiles).....	128.8	Painters, glaziers, and varnishers.....	123.5
Machinists.....	118.4	Bookkeepers, clerks, and copyists.....	121.8
Painters, glaziers, and varnishers.....	118.4	Butchers.....	119.3
<i>Clergymen</i>	116.6	MANUFACTURING AND MECHANICAL INDUSTRY.....	116.0
Draymen, hackmen, teamsters, etc.....	116.2	Carpenters and joiners.....	114.8
MANUFACTURING AND MECHANICAL INDUSTRY.....	114.9	Masons (brick and stone).....	113.6
MERCANTILE AND TRADING.....	111.3	LABORING AND SERVANT.....	113.2
PERSONAL SERVICE, POLICE, AND MILITARY.....	107.8	Laborers (not agricultural).....	110.3
Saloon keepers, liquor dealers, bartenders, and restaurant keepers.....	107.1	CLERICAL AND OFFICIAL.....	108.2
PUBLIC ENTERTAINMENT.....	106.1	PERSONAL SERVICE, POLICE, AND MILITARY.....	104.9
Butchers.....	105.8	Blacksmiths.....	103.7
Engineers and surveyors.....	104.5	Iron and steel workers.....	103.3
PROFESSIONAL SERVICE.....	102.9	Bakers and confectioners.....	102.5
LABORING AND SERVANT.....	102.3	Average, all specified occupations.....	100.0
Collectors, auctioneers, and agents.....	101.9	<i>Clergymen</i>	98.4
Average, all specified occupations.....	100.0	Saloon keepers, liquor dealers, bartenders, and restaurant keepers.....	96.7
<i>Bakers and confectioners</i>	99.7	Engineers and surveyors.....	94.7
Merchants and dealers.....	99.4	<i>Gardeners, florists, nurserymen, and vine growers</i>	92.6
Laborers (not agricultural).....	98.1	MERCANTILE AND TRADING.....	91.8
Carpenters and joiners.....	94.5	PUBLIC ENTERTAINMENT.....	89.7
<i>Physicians and surgeons</i>	92.9	Sailors, pilots, fishermen, and oystermen.....	86.8
<i>Lawyers</i>	91.9	Machinists.....	85.6
<i>Masons (brick and stone)</i>	91.3	Engineers and firemen (not locomotive).....	82.3
<i>Blacksmiths</i>	89.3	Collectors, auctioneers, and agents.....	81.5
Iron and steel workers.....	88.7	PROFESSIONAL SERVICE.....	79.4
Farmers, planters, and farm laborers.....	82.8	AGRICULTURE, TRANSPORTATION, AND OTHER OUTDOOR.....	77.0
<i>Bankers, brokers, and officials of companies</i>	79.0	Farmers, planters, and farm laborers.....	77.0
Sailors, pilots, fishermen, and oystermen.....	75.7	Merchants and dealers.....	72.0
Engineers and firemen (not locomotive).....	73.5	Policemen, watchmen, and detectives.....	72.0
<i>Policemen, watchmen, and detectives</i>	72.5	<i>Lawyers</i>	66.4
AGRICULTURE, TRANSPORTATION, AND OTHER OUTDOOR.....	70.9	<i>Bankers, brokers, and officials of companies</i>	55.1
<i>Gardeners, florists, nurserymen, and vine growers</i>	69.6	Miners and quarrymen.....	48.6
Steam-railroad employees.....	34.0	<i>Physicians and surgeons</i>	47.7
Miners and quarrymen.....	17.2	Steam-railroad employees.....	37.4

¹ Class aggregates in SMALL CAPITALS; occupations with less than 200 deaths in a given age period indicated by italics. The percentages are the same as those presented in Table 8 and are based solely upon deaths; they should not be compared directly with death rates or mortality figures based upon deaths and population.

OCCUPATIONS AND CAUSES OF DEATH.

EACH OCCUPATION AS COMPARED WITH THEIR AVERAGE IMPORTANCE FOR ALL SPECIFIED OCCUPATIONS AT PERIODS: 1908.

45 TO 54 YEARS.		55 TO 64 YEARS.	
Occupation. ¹	Index of relative importance (per cent).	Occupation. ¹	Index of relative importance (per cent).
TYPHOID FEVER—continued.			
Blacksmiths.....	212.5	Sailors, pilots, fishermen, and oystermen.....	214.3
Physicians and surgeons.....	187.5	Machinists.....	185.7
Bankers, brokers, and officials of companies.....	187.5	Miners and quarrymen.....	185.7
Iron and steel workers.....	156.3	Barbers and hairdressers.....	171.4
Farmers, planters, and farm laborers.....	156.3	Blacksmiths.....	157.1
Engineers and surveyors.....	143.8	Compositors, printers, and pressmen.....	157.1
Machinists.....	131.3	Painters, glaziers, and varnishers.....	157.1
AGRICULTURE, TRANSPORTATION, AND OTHER OUTDOOR.....	131.3	Engineers and surveyors.....	142.9
Clergymen.....	112.5	PUBLIC ENTERTAINMENT.....	142.9
Miners and quarrymen.....	106.3	Saloon keepers, liquor dealers, bartenders, and restaurant keepers.....	142.9
MERCANTILE AND TRADING.....	106.3	AGRICULTURE, TRANSPORTATION, AND OTHER OUTDOOR.....	142.9
Butchers.....	106.3	Farmers, planters, and farm laborers.....	142.9
Masons (brick and stone).....	106.3	Clergymen.....	114.3
PROFESSIONAL SERVICE.....	100.0	Lawyers.....	114.3
PUBLIC ENTERTAINMENT.....	100.0	Merchants and dealers.....	114.3
Average, all specified occupations.....	100.0	Butchers.....	114.3
Policemen, watchmen, and detectives.....	100.0	Carpenters and joiners.....	114.3
Merchants and dealers.....	93.8	Iron and steel workers.....	114.3
Saloon keepers, liquor dealers, bartenders, and restaurant keepers.....	93.8	Gardeners, florists, nurserymen, and vine growers.....	114.3
Carpenters and joiners.....	93.8	Collectors, auctioneers, and agents.....	100.0
Steam-railroad employees.....	93.8	MERCANTILE AND TRADING.....	100.0
Lawyers.....	87.5	PERSONAL SERVICE, POLICE, AND MILITARY.....	100.0
CLERICAL AND OFFICIAL.....	87.5	Average, all specified occupations.....	100.0
MANUFACTURING AND MECHANICAL INDUSTRY.....	87.5	Policemen, watchmen, and detectives.....	100.0
Boot and shoe makers.....	87.5	MANUFACTURING AND MECHANICAL INDUSTRY.....	100.0
PERSONAL SERVICE, POLICE, AND MILITARY.....	81.3	CLERICAL AND OFFICIAL.....	85.7
LABORING AND SERVANT.....	81.3	Bookkeepers, clerks, and copyists.....	85.7
Laborers (not agricultural).....	81.3	LABORING AND SERVANT.....	85.7
Gardeners, florists, nurserymen, and vine growers.....	81.3	Laborers (not agricultural).....	85.7
Bookkeepers, clerks, and copyists.....	75.0	Steam-railroad employees.....	85.7
Servants.....	75.0	Servants.....	71.4
Engineers and firemen (not locomotive).....	75.0	Boot and shoe makers.....	71.4
Draymen, hackmen, teamsters, etc.....	75.0	Tailors.....	71.4
Collectors, auctioneers, and agents.....	68.8	PROFESSIONAL SERVICE.....	57.1
Tailors.....	62.5	Bankers, brokers, and officials of companies.....	57.1
Painters, glaziers, and varnishers.....	58.3	Draymen, hackmen, teamsters, etc.....	57.1
Compositors, printers, and pressmen.....	50.0	Engineers and firemen (not locomotive).....	42.9
Plumbers, and gas and steam fitters.....	37.5	Masons (brick and stone).....	28.6
Bakers and confectioners.....	31.2	Physicians and surgeons.....	
Barbers and hairdressers.....	25.0	Bakers and confectioners.....	
Mill and factory operatives (textiles).....	25.0	Mill and factory operatives (textiles).....	
Sailors, pilots, fishermen, and oystermen.....	18.8	Plumbers, and gas and steam fitters.....	

TUBERCULOSIS OF LUNGS—continued.

Mill and factory operatives (textiles).....	150.0	Servants.....	171.1
Compositors, printers, and pressmen.....	143.1	Miners and quarrymen.....	168.4
Tailors.....	136.8	LABORING AND SERVANT.....	147.4
Servants.....	136.1	Laborers (not agricultural).....	146.1
LABORING AND SERVANT.....	130.6	Barbers and hairdressers.....	146.1
Laborers (not agricultural).....	129.9	Mill and factory operatives (textiles).....	126.3
Iron and steel workers.....	129.2	Iron and steel workers.....	121.1
Painters, glaziers, and varnishers.....	121.5	Masons (brick and stone).....	121.1
Masons (brick and stone).....	118.1	Compositors, printers, and pressmen.....	115.8
MANUFACTURING AND MECHANICAL INDUSTRY.....	116.0	Tailors.....	113.2
Bookkeepers, clerks, and copyists.....	114.6	Carpenters and joiners.....	110.5
Boot and shoe makers.....	111.8	Draymen, hackmen, teamsters, etc.....	109.2
Draymen, hackmen, teamsters, etc.....	109.0	MANUFACTURING AND MECHANICAL INDUSTRY.....	107.9
Plumbers, and gas and steam fitters.....	106.3	Blacksmiths.....	106.6
Clergymen.....	104.9	Painters, glaziers, and varnishers.....	106.6
Machinists.....	101.4	Machinists.....	105.3
Average, all specified occupations.....	100.0	Plumbers, and gas and steam fitters.....	100.0
Carpenters and joiners.....	99.3	Average, all specified occupations.....	100.0
Blacksmiths.....	96.6	Saloon keepers, liquor dealers, bartenders, and restaurant keepers.....	96.1
Gardeners, florists, nurserymen, and vine growers.....	91.0	Sailors, pilots, fishermen, and oystermen.....	93.4
CLERICAL AND OFFICIAL.....	89.6	AGRICULTURE, TRANSPORTATION, AND OTHER OUTDOOR.....	92.1
Saloon keepers, liquor dealers, bartenders, and restaurant keepers.....	88.2	Bookkeepers, clerks, and copyists.....	90.8
Butchers.....	85.4	Farmers, planters, and farm laborers.....	88.2
Barbers and hairdressers.....	83.3	PUBLIC ENTERTAINMENT.....	86.8
Bakers and confectioners.....	81.9	Boot and shoe makers.....	85.5
PUBLIC ENTERTAINMENT.....	81.3	Gardeners, florists, nurserymen, and vine growers.....	81.6
PERSONAL SERVICE, POLICE, AND MILITARY.....	81.3	PERSONAL SERVICE, POLICE, AND MILITARY.....	77.6
Farmers, planters, and farm laborers.....	81.3	MERCANTILE AND TRADING.....	73.7
MERCANTILE AND TRADING.....	80.6	CLERICAL AND OFFICIAL.....	69.7
Miners and quarrymen.....	80.6	Physicians and surgeons.....	64.5
AGRICULTURE, TRANSPORTATION, AND OTHER OUTDOOR.....	78.5	Engineers and firemen (not locomotive).....	63.2
Engineers and firemen (not locomotive).....	75.0	Merchants and dealers.....	61.8
Sailors, pilots, fishermen, and oystermen.....	74.3	Butchers.....	56.6
PROFESSIONAL SERVICE.....	72.9	PROFESSIONAL SERVICE.....	51.3
Bankers, brokers, and officials of companies.....	72.9	Policemen, watchmen, and detectives.....	51.3
Lawyers.....	72.2	Engineers and surveyors.....	50.0
Merchants and dealers.....	68.8	Collectors, auctioneers, and agents.....	47.4
Policemen, watchmen, and detectives.....	65.3	Lawyers.....	46.1
Engineers and surveyors.....	59.0	Bankers, brokers, and officials of companies.....	46.1
Collectors, auctioneers, and agents.....	52.1	Bakers and confectioners.....	46.1
Steam railroad employees.....	34.0	Steam-railroad employees.....	46.1
Physicians and surgeons.....	32.6	Clergymen.....	38.2

MORTALITY STATISTICS.

TABLE 10.—MALES—RELATIVE IMPORTANCE OF CERTAIN CAUSES OF DEATH, AT SPECIFIED AGE PERIODS, FOR THE SAME AGE

25 TO 34 YEARS.		35 TO 44 YEARS.	
Occupation. ¹	Index of relative importance (per cent.)	Occupation. ¹	Index of relative importance (per cent.)
CANCER.			
<i>Masons (brick and stone)</i>	238.5	Tailors.....	222.6
Engineers and firemen (not locomotive).....	215.4	Mill and factory operatives (textiles).....	212.9
Collectors, auctioneers, and agents.....	192.3	Policemen, watchmen, and detectives.....	190.3
Tailors.....	192.3	<i>Clergymen</i>	177.4
Merchants and dealers.....	176.9	Merchants and dealers.....	161.3
<i>Bakers and confectioners</i>	176.9	Blacksmiths.....	154.8
<i>Clergymen</i>	153.8	<i>Lawyers</i>	153.7
Boot and shoe makers.....	146.2	Masons (brick and stone).....	138.7
Butchers.....	146.2	MERCANTILE AND TRADING.....	132.3
Carpenters and joiners.....	138.5	<i>Physicians and surgeons</i>	129.0
PROFESSIONAL SERVICE.....	130.8	Collectors, auctioneers, and agents.....	125.8
MERCANTILE AND TRADING.....	130.8	Iron and steel workers.....	125.8
Farmers, planters, and farm laborers.....	130.8	PROFESSIONAL SERVICE.....	122.6
CLERICAL AND OFFICIAL.....	107.7	Farmers, planters, and farm laborers.....	122.6
PUBLIC ENTERTAINMENT.....	107.7	Bakers and confectioners.....	119.4
Saloon keepers, liquor dealers, bartenders, and restaurant keepers.....	100.0	Sailors, pilots, fishermen, and oystermen.....	119.4
Average, all specified occupations.....	100.0	Engineers and surveyors.....	116.1
MANUFACTURING AND MECHANICAL INDUSTRY.....	100.0	CLERICAL AND OFFICIAL.....	116.1
Bookkeepers, clerks, and copyists.....	92.3	MANUFACTURING AND MECHANICAL INDUSTRY.....	112.9
Laborers (not agricultural).....	92.3	Engineers and firemen (not locomotive).....	112.9
AGRICULTURE, TRANSPORTATION, AND OTHER OUTDOOR.....	92.3	Bookkeepers, clerks, and copyists.....	109.7
Engineers and surveyors.....	84.6	PERSONAL SERVICE, POLICE, AND MILITARY.....	109.7
<i>Policemen, watchmen, and detectives</i>	84.6	<i>Gardeners, florists, nurserymen, and vine growers</i>	106.5
LABORING AND SERVANT.....	84.6	Average, all specified occupations.....	100.0
Sailors, pilots, fishermen, and oystermen.....	84.6	<i>Bankers, brokers, and officials of companies</i>	96.8
<i>Lawyers</i>	76.9	Painters, glaziers, and varnishers.....	96.8
Painters, glaziers, and varnishers.....	76.9	Boot and shoe makers.....	93.5
Draymen, hackmen, teamsters, etc.....	76.9	Carpenters and joiners.....	93.5
<i>Physicians and surgeons</i>	69.2	AGRICULTURE, TRANSPORTATION, AND OTHER OUTDOOR.....	93.5
Servants.....	69.2	Machinists.....	87.1
Steam-railroad employees.....	69.2	Laborers (not agricultural).....	83.9
PERSONAL SERVICE, POLICE, AND MILITARY.....	61.5	LABORING AND SERVANT.....	80.6
Compositors, printers, and pressmen.....	61.5	Butchers.....	80.6
Machinists.....	61.5	Miners and quarrymen.....	74.2
Mill and factory operatives (textiles).....	61.5	Barbers and hairdressers.....	64.5
Plumbers, and gas and steam fitters.....	46.2	Plumbers, and gas and steam fitters.....	58.1
Miners and quarrymen.....	46.2	Draymen, hackmen, teamsters, etc.....	54.8
Iron and steel workers.....	38.5	PUBLIC ENTERTAINMENT.....	48.4
<i>Bankers, brokers, and officials of companies</i>		Saloon keepers, liquor dealers, bartenders, and restaurant keepers.....	48.4
Barbers and hairdressers.....		Steam-railroad employees.....	48.4
<i>Blacksmiths</i>		Servants.....	45.2
<i>Gardeners, florists, nurserymen, and vine growers</i>		Compositors, printers, and pressmen.....	32.3
APOPLEXY AND PARALYSIS.			
Merchants and dealers.....	192.3	<i>Clergymen</i>	220.7
Boot and shoe makers.....	176.9	Collectors, auctioneers, and agents.....	165.5
Engineers and firemen (not locomotive).....	176.9	Policemen, watchmen, and detectives.....	162.1
Sailors, pilots, fishermen, and oystermen.....	169.2	Barbers and hairdressers.....	158.6
<i>Lawyers</i>	153.8	Boot and shoe makers.....	151.7
Iron and steel workers.....	153.8	PERSONAL SERVICE, POLICE, AND MILITARY.....	144.8
<i>Physicians and surgeons</i>	146.2	Farmers, planters, and farm laborers.....	131.0
PUBLIC ENTERTAINMENT.....	146.2	<i>Bankers, brokers, and officials of companies</i>	127.6
Saloon keepers, liquor dealers, bartenders, and restaurant keepers.....	146.2	PROFESSIONAL SERVICE.....	124.1
PERSONAL SERVICE, POLICE, AND MILITARY.....	146.2	<i>Lawyers</i>	124.1
MERCANTILE AND TRADING.....	138.5	<i>Physicians and surgeons</i>	120.7
Barbers and hairdressers.....	138.5	Machinists.....	120.7
Machinists.....	138.5	CLERICAL AND OFFICIAL.....	117.2
Collectors, auctioneers, and agents.....	130.8	Plumbers, and gas and steam fitters.....	117.2
Painters, glaziers, and varnishers.....	123.1	PUBLIC ENTERTAINMENT.....	113.8
Farmers, planters, and farm laborers.....	123.1	Engineers and surveyors.....	110.3
PROFESSIONAL SERVICE.....	115.4	Saloon keepers, liquor dealers, bartenders, and restaurant keepers.....	110.3
CLERICAL AND OFFICIAL.....	107.7	Bakers and confectioners.....	110.3
MANUFACTURING AND MECHANICAL INDUSTRY.....	107.7	Tailors.....	110.3
Butchers.....	107.7	Bookkeepers, clerks, and copyists.....	106.9
Bookkeepers, clerks, and copyists.....	100.0	AGRICULTURE, TRANSPORTATION, AND OTHER OUTDOOR.....	106.9
Average, all specified occupations.....	100.0	Engineers and firemen (not locomotive).....	100.0
Plumbers, and gas and steam fitters.....	100.0	Average, all specified occupations.....	100.0
<i>Bankers, brokers, and officials of companies</i>	92.3	Masons (brick and stone).....	100.0
Laborers (not agricultural).....	92.3	Carpenters and joiners.....	96.6
Mill and factory operatives (textiles).....	92.3	MANUFACTURING AND MECHANICAL INDUSTRY.....	93.1
AGRICULTURE, TRANSPORTATION, AND OTHER OUTDOOR.....	92.3	Sailors, pilots, fishermen, and oystermen.....	93.1
Engineers and surveyors.....	84.6	Merchants and dealers.....	89.7
<i>Policemen, watchmen, and detectives</i>	84.6	Draymen, hackmen, teamsters, etc.....	89.7
LABORING AND SERVANT.....	84.6	MERCANTILE AND TRADING.....	86.2
Draymen, hackmen, teamsters, etc.....	84.6	LABORING AND SERVANT.....	86.2
<i>Blacksmiths</i>	76.9	Laborers (not agricultural).....	86.2
Carpenters and joiners.....	76.9	Mill and factory operatives (textiles).....	86.2
Miners and quarrymen.....	61.5	Blacksmiths.....	82.8
Steam-railroad employees.....	53.8	Servants.....	75.9
<i>Bakers and confectioners</i>	46.2	Steam-railroad employees.....	75.9
<i>Masons (brick and stone)</i>	46.2	Compositors, printers, and pressmen.....	72.4
Servants.....	30.8	Painters, glaziers, and varnishers.....	65.5
Tailors.....	30.8	Miners and quarrymen.....	62.1
<i>Clergymen</i>		Iron and steel workers.....	58.6
Compositors, printers, and pressmen.....		Butchers.....	37.9
<i>Gardeners, florists, nurserymen, and vine growers</i>		<i>Gardeners, florists, nurserymen, and vine growers</i>	27.6

¹Class aggregates in SMALL CAPITALS; occupations with less than 200 deaths in a given age period indicated by italics. The percentages are the same as those presented in Table 8 and are based solely upon deaths; they should not be compared directly with death rates or mortality figures based upon deaths and population.

OCCUPATIONS AND CAUSES OF DEATH.

EACH OCCUPATION AS COMPARED WITH THEIR AVERAGE IMPORTANCE FOR ALL SPECIFIED OCCUPATIONS AT PERIODS: 1908—Continued.

45 TO 54 YEARS.		55 TO 64 YEARS.	
Occupation. ¹	Index of relative importance (per cent).	Occupation. ¹	Index of relative importance (per cent).
CANCER—continued.			
<i>Clergymen</i>	156.9	Butchers.....	161.8
Iron and steel workers.....	147.7	Gardeners, florists, nurserymen, and vine growers.....	121.3
Tailors.....	146.2	<i>Engineers and surveyors</i>	119.1
<i>Gardeners, florists, nurserymen, and vine growers</i>	144.6	Carpenters and joiners.....	119.1
Boot and shoe makers.....	141.5	Bankers, brokers, and officials of companies.....	118.0
Masons (brick and stone).....	135.4	Blacksmiths.....	118.0
Merchants and dealers.....	133.8	Masons (brick and stone).....	115.7
<i>Engineers and surveyors</i>	130.8	Farmers, planters, and farm laborers.....	112.4
Blacksmiths.....	130.8	Tailors.....	111.2
Butchers.....	123.1	Clergymen.....	107.9
MERCANTILE AND TRADING.....	120.0	Machinists.....	106.7
Farmers, planters, and farm laborers.....	120.0	MANUFACTURING AND MECHANICAL INDUSTRY.....	105.6
Mill and factory operatives (textiles).....	116.9	CLERICAL AND OFFICIAL.....	104.5
Collectors, auctioneers, and agents.....	112.3	AGRICULTURE, TRANSPORTATION, AND OTHER OUTDOOR.....	104.5
Machinists.....	112.3	Draymen, hackmen, teamsters, etc.....	103.4
MANUFACTURING AND MECHANICAL INDUSTRY.....	110.8	Collectors, auctioneers, and agents.....	102.2
Engineers and firemen (not locomotive).....	110.8	Boot and shoe makers.....	102.2
Bakers and confectioners.....	104.6	Bookkeepers, clerks, and copyists.....	101.1
Carpenters and joiners.....	104.6	Policemen, watchmen, and detectives.....	101.1
AGRICULTURE, TRANSPORTATION, AND OTHER OUTDOOR.....	103.1		
Bankers, brokers, and officials of companies.....	100.0	MERCANTILE AND TRADING.....	100.0
Average, all specified occupations.....	100.0	Average, all specified occupations.....	100.0
Painters, glaziers, and varnishers.....	100.0	Merchants and dealers.....	100.0
PROFESSIONAL SERVICE.....	96.9	PROFESSIONAL SERVICE.....	98.9
Policemen, watchmen, and detectives.....	96.9	Physicians and surgeons.....	97.8
CLERICAL AND OFFICIAL.....	90.3	PERSONAL SERVICE, POLICE, AND MILITARY.....	97.8
Draymen, hackmen, teamsters, etc.....	86.2	<i>Barbers and hairdressers</i>	96.6
PUBLIC ENTERTAINMENT.....	84.6	PUBLIC ENTERTAINMENT.....	94.4
Saloon keepers, liquor dealers, bartenders, and restaurant keepers.....	84.6	Mill and factory operatives (textiles).....	94.4
Laborers (not agricultural).....	84.6	Saloon keepers, liquor dealers, bartenders, and restaurant keepers.....	93.3
PERSONAL SERVICE, POLICE, AND MILITARY.....	81.5	<i>Bakers and confectioners</i>	92.1
Bookkeepers, clerks, and copyists.....	80.0	Engineers and firemen (not locomotive).....	85.4
LABORING AND SERVANT.....	80.0	Sailors, pilots, fishermen, and oystermen.....	85.4
Barbers and hairdressers.....	78.5	Laborers (not agricultural).....	84.3
Miners and quarrymen.....	75.4	LABORING AND SERVANT.....	80.9
Sailors, pilots, fishermen, and oystermen.....	73.8	Steam-railroad employees.....	79.8
Physicians and surgeons.....	68.2	<i>Plumbers, and gas and steam fitters</i>	76.4
Lawyers.....	68.1	<i>Compositors, printers, and pressmen</i>	74.2
Compositors, printers, and pressmen.....	60.0	Painters, glaziers, and varnishers.....	73.0
Steam-railroad employees.....	60.0	Lawyers.....	69.7
Servants.....	43.1	Iron and steel workers.....	68.5
<i>Plumbers, and gas and steam fitters</i>	35.4	Miners and quarrymen.....	68.5
		Servants.....	38.2

APOPLEXY AND PARALYSIS—continued.

Lawyers.....	198.3	Boot and shoe makers.....	144.1
Boot and shoe makers.....	145.8	Collectors, auctioneers, and agents.....	128.4
Policemen, watchmen, and detectives.....	142.4	Clergymen.....	127.5
Physicians and surgeons.....	130.5	<i>Engineers and surveyors</i>	123.5
Butchers.....	130.5	<i>Bakers and confectioners</i>	120.6
Bankers, brokers, and officials of companies.....	127.1	Lawyers.....	117.6
Blacksmiths.....	127.1	Iron and steel workers.....	114.7
<i>Plumbers, and gas and steam fitters</i>	125.4	Painters, glaziers, and varnishers.....	114.7
PERSONAL SERVICE, POLICE, AND MILITARY.....	123.7	CLERICAL AND OFFICIAL.....	113.7
Bookkeepers, clerks, and copyists.....	122.0	Farmers, planters, and farm laborers.....	113.7
PROFESSIONAL SERVICE.....	120.3	PROFESSIONAL SERVICE.....	112.7
CLERICAL AND OFFICIAL.....	120.3	<i>Plumbers, and gas and steam fitters</i>	111.8
<i>Engineers and surveyors</i>	115.3	Bookkeepers, clerks, and copyists.....	108.8
MERCANTILE AND TRADING.....	115.3	Butchers.....	106.9
Merchants and dealers.....	113.6	AGRICULTURE, TRANSPORTATION, AND OTHER OUTDOOR.....	104.9
Saloon keepers, liquor dealers, bartenders, and restaurant keepers.....	110.2	MANUFACTURING AND MECHANICAL INDUSTRY.....	102.0
Barbers and hairdressers.....	110.2		
Farmers, planters, and farm laborers.....	110.2	MERCANTILE AND TRADING.....	100.0
PUBLIC ENTERTAINMENT.....	108.5	Average, all specified occupations.....	100.0
Engineers and firemen (not locomotive).....	106.8	Merchants and dealers.....	100.0
Collectors, auctioneers, and agents.....	105.1		
Machinists.....	105.1	PUBLIC ENTERTAINMENT.....	98.0
Sailors, pilots, fishermen, and oystermen.....	105.1	Carpenters and joiners.....	98.0
Average, all specified occupations.....	100.0	<i>Barbers and hairdressers</i>	97.1
MANUFACTURING AND MECHANICAL INDUSTRY.....	98.3	Bankers, brokers, and officials of companies.....	96.1
Tailors.....	94.9	Engineers and firemen (not locomotive).....	95.1
Carpenters and joiners.....	93.2	Sailors, pilots, fishermen, and oystermen.....	95.1
AGRICULTURE, TRANSPORTATION, AND OTHER OUTDOOR.....	91.5	Saloon keepers, liquor dealers, bartenders, and restaurant keepers.....	94.1
Compositors, printers, and pressmen.....	86.4	Draymen, hackmen, teamsters, etc.....	94.1
Masons (brick and stone).....	86.4	Steam-railroad employees.....	93.1
LABORING AND SERVANT.....	83.1	Physicians and surgeons.....	92.2
Laborers (not agricultural).....	83.1	Blacksmiths.....	92.2
Servants.....	81.4	Masons (brick and stone).....	87.3
Draymen, hackmen, teamsters, etc.....	81.4	PERSONAL SERVICE, POLICE, AND MILITARY.....	83.3
Steam-railroad employees.....	78.0	Policemen, watchmen, and detectives.....	82.4
Mill and factory operatives (textiles).....	76.3	Machinists.....	82.4
Painters, glaziers, and varnishers.....	76.3	<i>Compositors, printers, and pressmen</i>	80.4
<i>Clergymen</i>	71.2	Servants.....	79.4
Bakers and confectioners.....	69.5	Tailors.....	79.4
Iron and steel workers.....	69.5	LABORING AND SERVANT.....	77.5
<i>Gardeners, florists, nurserymen, and vine growers</i>	42.4	Laborers (not agricultural).....	77.5
Miners and quarrymen.....	40.7	Mill and factory operatives (textiles).....	77.5
		Miners and quarrymen.....	69.6
		Gardeners, florists, nurserymen, and vine growers.....	63.7

MORTALITY STATISTICS.

TABLE 10.—MALES—RELATIVE IMPORTANCE OF CERTAIN CAUSES OF DEATH, AT SPECIFIED AGE PERIODS, FOR THE SAME AGE

25 TO 34 YEARS.		35 TO 44 YEARS.	
Occupation. ¹	Index of relative importance (per cent).	Occupation. ¹	Index of relative importance (per cent).
HEART DISEASE.			
<i>Clergymen</i>	170.2	<i>Lawyers</i>	218.5
<i>Gardeners, florists, nurserymen, and vine growers</i>	161.7	<i>Clergymen</i>	148.6
<i>Masons (brick and stone)</i>	157.4	Boot and shoe makers	137.8
Tailors	138.3	Tailors	136.5
<i>Blacksmiths</i>	134.0	Collectors, auctioneers, and agents	129.7
Bookkeepers, clerks, and copyists	129.8	Butchers	127.0
Boot and shoe makers	129.8	Machinists	127.0
Barbers and hairdressers	125.5	Merchants and dealers	121.6
CLERICAL AND OFFICIAL	123.4	MERCANTILE AND TRADING	120.3
Collectors, auctioneers, and agents	123.4	PUBLIC ENTERTAINMENT	118.9
<i>Policemen, watchmen, and detectives</i>	121.5	Saloon keepers, liquor dealers, bartenders, and restaurant keepers	118.9
MERCANTILE AND TRADING	119.1	Carpenters and joiners	118.9
PERSONAL SERVICE, POLICE, AND MILITARY	117.0	Servants	116.2
Mill and factory operatives (textiles)	117.0	PROFESSIONAL SERVICE	113.5
Merchants and dealers	114.9	Engineers and surveyors	109.5
PROFESSIONAL SERVICE	112.8	<i>Physicians and surgeons</i>	109.5
Draymen, hackmen, teamsters, etc	110.6	CLERICAL AND OFFICIAL	105.4
LABORING AND SERVANT	108.5	Sailors, pilots, fishermen, and oystermen	105.4
Laborers (not agricultural)	108.5	LABORING AND SERVANT	104.1
Sailors, pilots, fishermen, and oystermen	108.5	Laborers (not agricultural)	102.7
Painters, glaziers, and varnishers	106.4	MANUFACTURING AND MECHANICAL INDUSTRY	102.7
Saloon keepers, liquor dealers, bartenders, and restaurant keepers	104.3	<i>Gardeners, florists, nurserymen, and vine growers</i>	101.4
Servants	104.3	<i>Bankers, brokers, and officials of companies</i>	101.4
PUBLIC ENTERTAINMENT	102.1	Bakers and confectioners	100.0
MANUFACTURING AND MECHANICAL INDUSTRY	102.1	Average, all specified occupations	100.0
Engineers and firemen (not locomotive)	100.0	PERSONAL SERVICE, POLICE, AND MILITARY	97.3
Average, all specified occupations	100.0	Barbers and hairdressers	97.3
Machinists	95.7	Masons (brick and stone)	97.3
Butchers	91.5	Painters, glaziers, and varnishers	97.3
Plumbers, and gas and steam fitters	89.4	Bookkeepers, clerks, and copyists	94.6
<i>Bakers and confectioners</i>	87.2	Compositors, printers, and pressmen	94.6
Farmers, planters, and farm laborers	85.1	Iron and steel workers	93.2
<i>Lawyers</i>	83.0	Farmers, planters, and farm laborers	93.2
<i>Bankers, brokers, and officials of companies</i>	78.7	Engineers and firemen (not locomotive)	89.2
AGRICULTURE, TRANSPORTATION, AND OTHER OUTDOOR	76.6	Draymen, hackmen, teamsters, etc	87.8
Carpenters and joiners	74.5	AGRICULTURE, TRANSPORTATION, AND OTHER OUTDOOR	83.8
Compositors, printers, and pressmen	74.5	Blacksmiths	82.4
Engineers and surveyors	72.3	Policemen, watchmen, and detectives	79.7
Iron and steel workers	70.2	Mill and factory operatives (textiles)	78.4
Miners and quarrymen	46.8	Plumbers, and gas and steam fitters	66.2
Steam-railroad employees	36.2	Steam-railroad employees	59.5
<i>Physicians and surgeons</i>	19.1	Miners and quarrymen	55.4
PNEUMONIA (ALL FORMS).			
Laborers (not agricultural)	143.1	<i>Physicians and surgeons</i>	146.5
Draymen, hackmen, teamsters, etc	140.3	Bakers and confectioners	129.1
LABORING AND SERVANT	137.5	PUBLIC ENTERTAINMENT	127.9
Saloon keepers, liquor dealers, bartenders, and restaurant keepers	136.1	Saloon keepers, liquor dealers, bartenders, and restaurant keepers	122.1
<i>Masons (brick and stone)</i>	136.1	Laborers (not agricultural)	122.1
PUBLIC ENTERTAINMENT	134.7	LABORING AND SERVANT	119.8
Iron and steel workers	127.8	Engineers and firemen (not locomotive)	115.1
Sailors, pilots, fishermen, and oystermen	122.2	Sailors, pilots, fishermen, and oystermen	115.1
<i>Physicians and surgeons</i>	115.5	Butchers	114.0
Collectors, auctioneers, and agents	115.3	<i>Bankers, brokers, and officials of companies</i>	112.8
Butchers	113.9	Machinists	111.6
<i>Bakers and confectioners</i>	112.6	Policemen, watchmen, and detectives	110.5
<i>Blacksmiths</i>	108.3	Iron and steel workers	109.3
MERCANTILE AND TRADING	101.4	Farmers, planters, and farm laborers	108.1
Average, all specified occupations	100.0	Compositors, printers, and pressmen	101.2
Servants	97.2	Servants	100.0
<i>Policemen, watchmen, and detectives</i>	95.8	Average, all specified occupations	100.0
Plumbers, and gas and steam fitters	94.4	Bookkeepers, clerks, and copyists	97.7
Merchants and dealers	93.1	Carpenters and joiners	97.7
Barbers and hairdressers	91.7	<i>Clergymen</i>	86.6
MANUFACTURING AND MECHANICAL INDUSTRY	90.3	AGRICULTURE, TRANSPORTATION, AND OTHER OUTDOOR	86.5
Carpenters and joiners	90.3	<i>Gardeners, florists, nurserymen, and vine growers</i>	86.5
Engineers and firemen (not locomotive)	88.9	Draymen, hackmen, teamsters, etc	85.3
CLERICAL AND OFFICIAL	87.5	PERSONAL SERVICE, POLICE, AND MILITARY	83.0
PERSONAL SERVICE, POLICE, AND MILITARY	87.5	MANUFACTURING AND MECHANICAL INDUSTRY	83.0
AGRICULTURE, TRANSPORTATION, AND OTHER OUTDOOR	87.5	CLERICAL AND OFFICIAL	81.9
Bookkeepers, clerks, and copyists	86.1	Mill and factory operatives (textiles)	81.9
Farmers, planters, and farm laborers	86.1	Miners and quarrymen	81.9
<i>Bankers, brokers, and officials of companies</i>	84.7	PROFESSIONAL SERVICE	80.2
Tailors	84.7	Engineers and surveyors	80.2
<i>Clergymen</i>	83.3	MERCANTILE AND TRADING	80.2
<i>Lawyers</i>	81.9	Blacksmiths	80.2
Painters, glaziers, and varnishers	80.6	Merchants and dealers	83.7
Machinists	79.2	Boot and shoe makers	83.7
Miners and quarrymen	77.8	Collectors, auctioneers, and agents	76.7
PROFESSIONAL SERVICE	75.0	<i>Lawyers</i>	75.6
Mill and factory operatives (textiles)	70.8	Plumbers, and gas and steam fitters	72.1
<i>Gardeners, florists, nurserymen, and vine growers</i>	52.8	Masons (brick and stone)	66.3
Compositors, printers, and pressmen	48.6	Steam-railroad employees	66.3
Engineers and surveyors	47.2	Painters, glaziers, and varnishers	62.8
Boot and shoe makers	47.2	Tailors	62.8
Steam-railroad employees	45.8	Barbers and hairdressers	57.0

¹ Class aggregates in SMALL CAPITALS; occupations with less than 200 deaths in a given age period indicated by italics. The percentages are the same as those presented in Table 8 and are based solely upon deaths; they should not be compared directly with death rates or mortality figures based upon deaths and population.

OCCUPATIONS AND CAUSES OF DEATH.

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EACH OCCUPATION AS COMPARED WITH THEIR AVERAGE IMPORTANCE FOR ALL SPECIFIED OCCUPATIONS AT PERIODS: 1908—Continued.

45 TO 54 YEARS.		55 TO 64 YEARS.	
Occupation. ¹	Index of relative importance (per cent).	Occupation. ¹	Index of relative importance (per cent).
HEART DISEASE—continued.			
<i>Gardeners, florists, nurserymen, and vine growers</i>	136.4	Mill and factory operatives (textiles).....	143.4
Servants.....	131.8	Blacksmiths.....	121.7
<i>Engineers and surveyors</i>	129.1	Masons (brick and stone).....	119.1
Sailors, pilots, fishermen, and oystermen.....	121.8	Collectors, auctioneers, and agents.....	111.8
Boot and shoe makers.....	118.2	PERSONAL SERVICE, POLICE, AND MILITARY.....	109.9
Bookkeepers, clerks, and copyists.....	115.5	Servants.....	109.2
Collectors, auctioneers, and agents.....	114.5	Engineers and firemen (not locomotive).....	109.2
CLERICAL AND OFFICIAL.....	112.7	Sailors, pilots, fishermen, and oystermen.....	108.6
Barbers and hairdressers.....	112.7	Draymen, hackmen, teamsters, etc.....	106.6
Engineers and firemen (not locomotive).....	112.7	Farmers, planters, and farm laborers.....	106.6
Bakers and confectioners.....	111.8	CLERICAL AND OFFICIAL.....	105.9
Merchants and dealers.....	110.9	Boot and shoe makers.....	105.9
Draymen, hackmen, teamsters, etc.....	110.9	Butchers.....	102.6
Tailors.....	108.2	Clergymen.....	102.0
Farmers, planters, and farm laborers.....	107.3	AGRICULTURE, TRANSPORTATION, AND OTHER OUTDOOR.....	102.0
PROFESSIONAL SERVICE.....	105.5	Bookkeepers, clerks, and copyists.....	101.3
MERCANTILE AND TRADING.....	105.5	MERCANTILE AND TRADING.....	101.3
Compositors, printers, and pressmen.....	102.7	<i>Barbers and hairdressers</i>	101.3
LABORING AND SERVANT.....	100.0	PROFESSIONAL SERVICE.....	100.7
Mill and factory operatives (textiles).....	100.0	<i>Bakers and confectioners</i>	100.0
Average, all specified occupations.....	100.0	Average, all specified occupations.....	100.0
Painters, glaziers, and varnishers.....	100.0	Lawyers.....	99.3
AGRICULTURAL, TRANSPORTATION, AND OTHER OUTDOOR.....	100.0	Merchants and dealers.....	99.3
Blacksmiths.....	99.1	Gardeners, florists, nurserymen, and vine growers.....	98.7
<i>Plumbers, and gas and steam fitters</i>	98.2	Policemen, watchmen, and detectives.....	98.0
PERSONAL SERVICE, POLICE, AND MILITARY.....	97.3	MANUFACTURING AND MECHANICAL INDUSTRY.....	98.0
Laborers (not agricultural).....	97.3	Bankers, brokers, and officials of companies.....	97.4
MANUFACTURING AND MECHANICAL INDUSTRY.....	97.3	Tailors.....	97.4
Machinists.....	96.4	LABORING AND SERVANT.....	96.7
Policemen, watchmen, and detectives.....	94.5	Laborers (not agricultural).....	96.1
Lawyers.....	90.0	Physicians and surgeons.....	91.4
Carpenters and joiners.....	89.1	Carpenters and joiners.....	90.1
<i>Clergymen</i>	81.8	<i>Compositors, printers, and pressmen</i>	90.1
Butchers.....	81.8	Painters, glaziers, and varnishers.....	89.5
Iron and steel workers.....	80.9	Machinists.....	88.8
Masons (brick and stone).....	80.0	<i>Engineers and surveyors</i>	82.2
Physicians and surgeons.....	77.3	Iron and steel workers.....	78.3
Steam-railroad employees.....	75.5	<i>Plumbers, and gas and steam fitters</i>	75.0
Bankers, brokers, and officials of companies.....	72.7	Miners and quarrymen.....	71.1
PUBLIC ENTERTAINMENT.....	70.0	Steam-railroad employees.....	71.1
Saloon keepers, liquor dealers, bartenders, and restaurant keepers.....	64.5	PUBLIC ENTERTAINMENT.....	67.1
Miners and quarrymen.....	63.6	Saloon keepers, liquor dealers, bartenders, and restaurant keepers.....	58.6
PNEUMONIA (ALL FORMS)—continued.			
<i>Plumbers, and gas and steam fitters</i>	142.0	Laborers (not agricultural).....	143.6
Laborers (not agricultural).....	136.4	LABORING AND SERVANT.....	141.0
LABORING AND SERVANT.....	131.8	Miners and quarrymen.....	121.8
Butchers.....	121.6	Gardeners, florists, nurserymen, and vine growers.....	117.9
Miners and quarrymen.....	118.2	Policemen, watchmen, and detectives.....	116.7
Iron and steel workers.....	112.5	Servants.....	116.7
Draymen, hackmen, teamsters, etc.....	111.4	Iron and steel workers.....	110.3
PERSONAL SERVICE, POLICE, AND MILITARY.....	109.1	PERSONAL SERVICE, POLICE, AND MILITARY.....	109.0
Engineers and firemen (not locomotive).....	105.7	Saloon keepers, liquor dealers, bartenders, and restaurant keepers.....	106.4
Lawyers.....	102.3	Engineers and firemen (not locomotive).....	106.4
Average, all specified occupations.....	100.0	<i>Plumbers, and gas and steam fitters</i>	106.4
Blacksmiths.....	96.6	Sailors, pilots, fishermen, and oystermen.....	105.1
<i>Clergymen</i>	95.5	PUBLIC ENTERTAINMENT.....	102.6
Saloon keepers, liquor dealers, bartenders, and restaurant keepers.....	95.5	Bankers, brokers, and officials of companies.....	100.0
Barbers and hairdressers.....	95.5	Average, all specified occupations.....	100.0
AGRICULTURE, TRANSPORTATION, AND OTHER OUTDOOR.....	95.5	<i>Engineers and surveyors</i>	98.7
PUBLIC ENTERTAINMENT.....	94.3	Machinists.....	97.4
Farmers, planters, and farm laborers.....	94.3	Draymen, hackmen, teamsters, etc.....	97.4
MANUFACTURING AND MECHANICAL INDUSTRY.....	93.2	Mill and factory operatives (textiles).....	96.2
Compositors, printers, and pressmen.....	93.2	Merchants and dealers.....	94.9
Sailors, pilots, fishermen, and oystermen.....	93.2	MERCANTILE AND TRADING.....	93.6
Collectors, auctioneers, and agents.....	92.0	Painters, glaziers, and varnishers.....	92.6
Carpenters and joiners.....	92.0	AGRICULTURE, TRANSPORTATION, AND OTHER OUTDOOR.....	93.6
<i>Gardeners, florists, nurserymen, and vine growers</i>	92.0	Boot and shoe makers.....	92.3
Servants.....	90.9	MANUFACTURING AND MECHANICAL INDUSTRY.....	91.0
Masons (brick and stone).....	90.9	Masons (brick and stone).....	91.0
PROFESSIONAL SERVICE.....	88.6	Tailors.....	89.7
MERCANTILE AND TRADING.....	88.6	Farmers, planters, and farm laborers.....	89.7
CLERICAL AND OFFICIAL.....	87.5	PROFESSIONAL SERVICE.....	87.2
Policemen, watchmen, and detectives.....	86.4	CLERICAL AND OFFICIAL.....	87.2
Bookkeepers, clerks, and copyists.....	85.2	Bookkeepers, clerks, and copyists.....	87.2
Bankers, brokers, and officials of companies.....	85.2	Carpenters and joiners.....	85.9
Tailors.....	85.2	Physicians and surgeons.....	84.6
Machinists.....	83.0	Blacksmiths.....	83.3
Physicians and surgeons.....	81.8	Collectors, auctioneers, and agents.....	82.1
Boot and shoe makers.....	81.8	<i>Bakers and confectioners</i>	74.4
Painters, glaziers, and varnishers.....	78.4	Butchers.....	74.4
<i>Engineers and surveyors</i>	77.3	<i>Compositors, printers, and pressmen</i>	70.5
Bakers and confectioners.....	77.3	Clergymen.....	69.2
Merchants and dealers.....	76.1	Steam-railroad employees.....	66.7
Mill and factory operatives (textiles).....	60.2	Lawyers.....	64.1
Steam-railroad employees.....	58.0	<i>Barbers and hairdressers</i>	55.1

MORTALITY STATISTICS.

TABLE 10.—MALES—RELATIVE IMPORTANCE OF CERTAIN CAUSES OF DEATH, AT SPECIFIED AGE PERIODS, FOR THE SAME AGE.

25 TO 34 YEARS.		35 TO 44 YEARS.	
Occupation. ¹	Index of relative importance (per cent).	Occupation. ¹	Index of relative importance (per cent).
BRIGHT'S DISEASE.			
PUBLIC ENTERTAINMENT.....	185.0	Painters, glaziers, and varnishers.....	170.8
Butchers.....	180.0	Policemen, watchmen, and detectives.....	167.7
Saloon keepers, liquor dealers, bartenders, and restaurant keepers.....	165.0	Plumbers, and gas and steam fitters.....	161.5
Collectors, auctioneers, and agents.....	155.0	<i>Physicians and surgeons</i>	155.4
<i>Blacksmiths</i>	142.5	PUBLIC ENTERTAINMENT.....	153.8
Machinists.....	137.5	Saloon keepers, liquor dealers, bartenders, and restaurant keepers.....	150.8
Plumbers, and gas and steam fitters.....	137.5	<i>Lawyers</i>	144.6
Tailors.....	135.0	Butchers.....	127.7
CLERICAL AND OFFICIAL.....	132.5	<i>Gardeners, florists, nurserymen, and vine growers</i>	127.7
Draymen, hackmen, teamsters, etc.....	130.0	PROFESSIONAL SERVICE.....	126.2
Bookkeepers, clerks, and copyists.....	127.5	PERSONAL SERVICE, POLICE, AND MILITARY.....	126.2
Boot and shoe makers.....	125.0	Draymen, hackmen, teamsters, etc.....	118.5
Barbers and hairdressers.....	120.0	Boot and shoe makers.....	116.9
<i>Bakers and confectioners</i>	117.5	<i>Bankers, brokers, and officials of companies</i>	115.4
<i>Physicians and surgeons</i>	115.0	Servants.....	115.4
LABORING AND SERVANT.....	112.5	MERCANTILE AND TRADING.....	113.8
Laborers (not agricultural).....	112.5	Engineers and surveyors.....	110.8
PERSONAL SERVICE, POLICE, AND MILITARY.....	107.5	LABORING AND SERVANT.....	109.2
<i>Masons (brick and stone)</i>	107.5	Laborers (not agricultural).....	109.2
Mill and factory operatives (textiles).....	107.5	Engineers and firemen (not locomotive).....	109.2
Servants.....	105.0	Merchants and dealers.....	107.7
MANUFACTURING AND MECHANICAL INDUSTRY.....	105.0	CLERICAL AND OFFICIAL.....	104.6
<i>Clergymen</i>	100.0	MANUFACTURING AND MECHANICAL INDUSTRY.....	104.6
<i>Policemen, watchmen, and detectives</i>	100.0	Masons (brick and stone).....	104.6
Average, all specified occupations.....	100.0	Bookkeepers, clerks, and copyists.....	103.1
Painters, glaziers, and varnishers.....	100.0	Barbers and hairdressers.....	101.5
<i>Lawyers</i>	97.5	Compositors, printers, and pressmen.....	101.5
MERCANTILE AND TRADING.....	95.0	Mill and factory operatives (textiles).....	101.5
Compositors, printers, and pressmen.....	95.0	Average, all specified occupations.....	100.0
<i>Gardeners, florists, nurserymen, and vine growers</i>	95.0	Collectors, auctioneers, and agents.....	96.9
Iron and steel workers.....	82.5	Machinists.....	96.9
PROFESSIONAL SERVICE.....	80.0	Bakers and confectioners.....	92.3
Farmers, planters, and farm laborers.....	77.5	Iron and steel workers.....	86.2
AGRICULTURE, TRANSPORTATION, AND OTHER OUTDOOR.....	75.0	Tailors.....	83.1
Merchants and dealers.....	65.0	Blacksmiths.....	73.8
<i>Bankers, brokers, and officials of companies</i>	60.0	<i>Clergymen</i>	70.8
Engineers and surveyors.....	57.5	Carpenters and joiners.....	70.8
Engineers and firemen (not locomotive).....	57.5	AGRICULTURE, TRANSPORTATION, AND OTHER OUTDOOR.....	66.2
Carpenters and joiners.....	55.0	Farmers, planters, and farm laborers.....	63.1
Sailors, pilots, fishermen, and oystermen.....	55.0	Steam-railroad employees.....	52.3
Steam-railroad employees.....	50.0	Sailors, pilots, fishermen, and oystermen.....	36.9
Miners and quarrymen.....	37.5	Miners and quarrymen.....	30.8
SUICIDE.			
<i>Bankers, brokers, and officials of companies</i>	223.7	<i>Bankers, brokers, and officials of companies</i>	210.3
Butchers.....	202.6	<i>Lawyers</i>	202.6
<i>Bakers and confectioners</i>	184.2	Merchants and dealers.....	156.4
Collectors, auctioneers, and agents.....	173.7	PROFESSIONAL SERVICE.....	153.8
Saloon keepers, liquor dealers, bartenders, and restaurant keepers.....	160.5	Collectors, auctioneers, and agents.....	153.8
<i>Lawyers</i>	155.3	Painters, glaziers, and varnishers.....	138.5
PUBLIC ENTERTAINMENT.....	147.4	MERCANTILE AND TRADING.....	135.9
Tailors.....	142.1	CLERICAL AND OFFICIAL.....	130.8
Servants.....	134.2	Machinists.....	130.8
Iron and steel workers.....	128.9	Servants.....	125.6
MERCANTILE AND TRADING.....	126.3	Carpenters and joiners.....	125.6
Merchants and dealers.....	126.3	Tailors.....	125.6
PERSONAL SERVICE, POLICE, AND MILITARY.....	126.3	Policemen, watchmen, and detectives.....	120.5
Machinists.....	123.7	Bookkeepers, clerks, and copyists.....	117.9
Barbers and hairdressers.....	115.8	Barbers and hairdressers.....	117.9
MANUFACTURING AND MECHANICAL INDUSTRY.....	115.8	Bakers and confectioners.....	117.9
PROFESSIONAL SERVICE.....	113.2	<i>Physicians and surgeons</i>	115.4
Engineers and surveyors.....	113.2	PERSONAL SERVICE, POLICE, AND MILITARY.....	115.4
Engineers and firemen (not locomotive).....	110.5	Blacksmiths.....	112.8
Plumbers, and gas and steam fitters.....	110.5	Butchers.....	110.3
Farmers, planters, and farm laborers.....	107.9	Saloon keepers, liquor dealers, bartenders, and restaurant keepers.....	107.7
CLERICAL AND OFFICIAL.....	100.0	<i>Gardeners, florists, nurserymen, and vine growers</i>	107.7
Boot and shoe makers.....	100.0	Engineers and surveyors.....	105.1
Average, all specified occupations.....	100.0	PUBLIC ENTERTAINMENT.....	105.1
Compositors, printers, and pressmen.....	100.0	MANUFACTURING AND MECHANICAL INDUSTRY.....	102.6
<i>Gardeners, florists, nurserymen, and vine growers</i>	100.0	Iron and steel workers.....	100.0
Carpenters and joiners.....	97.4	Average, all specified occupations.....	100.0
Painters, glaziers, and varnishers.....	94.7	Farmers, planters, and farm laborers.....	100.0
Mill and factory operatives (textiles).....	92.1	Mill and factory operatives (textiles).....	94.9
AGRICULTURE, TRANSPORTATION, AND OTHER OUTDOOR.....	92.1	Sailors, pilots, fishermen, and oystermen.....	94.9
Draymen, hackmen, teamsters, etc.....	92.1	Compositors, printers, and pressmen.....	89.7
<i>Policemen, watchmen, and detectives</i>	89.5	Boot and shoe makers.....	84.6
Bookkeepers, clerks, and copyists.....	86.8	Masons (brick and stone).....	82.1
Sailors, pilots, fishermen, and oystermen.....	86.8	AGRICULTURE, TRANSPORTATION, AND OTHER OUTDOOR.....	79.5
<i>Physicians and surgeons</i>	73.7	LABORING AND SERVANT.....	76.9
LABORING AND SERVANT.....	73.7	<i>Clergymen</i>	71.8
<i>Blacksmiths</i>	68.4	Plumbers, and gas and steam fitters.....	71.8
Laborers (not agricultural).....	65.8	Laborers (not agricultural).....	69.2
Miners and quarrymen.....	57.9	Draymen, hackmen, teamsters, etc.....	66.7
<i>Clergymen</i>	52.6	Engineers and firemen (not locomotive).....	51.3
Steam-railroad employees.....	52.6	Steam-railroad employees.....	48.7
<i>Masons (brick and stone)</i>	47.4	Miners and quarrymen.....	41.0

¹ Class aggregates in SMALL CAPITALS; occupations with less than 200 deaths in a given age period indicated by *italics*. The percentages are the same as those presented in Table 8 and are based solely upon deaths; they should not be compared directly with death rates or mortality figures based upon deaths and population.

OCCUPATIONS AND CAUSES OF DEATH.

EACH OCCUPATION AS COMPARED WITH THEIR AVERAGE IMPORTANCE FOR ALL SPECIFIED OCCUPATIONS AT PERIODS: 1908—Continued.

45 TO 54 YEARS.		55 TO 64 YEARS.	
Occupation. ¹	Index of relative importance (per cent).	Occupation. ¹	Index of relative importance (per cent).
BRIGHT'S DISEASE—continued.			
<i>Plumbers, and gas and steam fitters</i>	151.1	<i>Compositors, printers, and pressmen</i>	142.9
Bakers and confectioners.....	144.7	<i>Plumbers, and gas and steam fitters</i>	140.3
Compositors, printers, and pressmen.....	144.7	Painters, glaziers, and varnishers.....	139.5
Painters, glaziers, and varnishers.....	143.6	Lawyers.....	132.8
Boot and shoe makers.....	135.1	Merchants and dealers.....	128.6
Butchers.....	135.1	Collectors, auctioneers, and agents.....	124.4
Saloon keepers, liquor dealers, bartenders, and restaurant keepers.....	133.0	Policemen, watchmen, and detectives.....	124.4
PUBLIC ENTERTAINMENT.....	131.9	Bookkeepers, clerks, and copyists.....	123.5
Physicians and surgeons.....	130.9	Physicians and surgeons.....	122.7
Sailors, pilots, fishermen, and oystermen.....	127.7	PROFESSIONAL SERVICE.....	121.8
CLERICAL AND OFFICIAL.....	124.5	Engineers and firemen (not locomotive).....	121.8
Collectors, auctioneers, and agents.....	124.5	MERCANTILE AND TRADING.....	121.0
Bookkeepers, clerks, and copyists.....	123.4	PERSONAL SERVICE, POLICE, AND MILITARY.....	121.0
<i>Clergymen</i>	121.3	Iron and steel workers.....	121.0
Lawyers.....	120.2	CLERICAL AND OFFICIAL.....	117.6
MERCANTILE AND TRADING.....	120.2	Clergymen.....	116.0
Merchants and dealers.....	117.0	Tailors.....	112.6
Servants.....	117.0	PUBLIC ENTERTAINMENT.....	110.1
Draymen, hackmen, teamsters, etc.....	114.9	Saloon keepers, liquor dealers, bartenders, and restaurant keepers.....	110.1
PERSONAL SERVICE, POLICE, AND MILITARY.....	112.8	Servants.....	109.2
Barbers and hairdressers.....	111.7	<i>Bakers and confectioners</i>	108.4
Engineers and firemen (not locomotive).....	111.7	LABORING AND SERVANT.....	106.7
PROFESSIONAL SERVICE.....	107.4	Laborers (not agricultural).....	106.7
Bankers, brokers, and officials of companies.....	106.4	Machinists.....	105.9
Policemen, watchmen, and detectives.....	106.4	MANUFACTURING AND MECHANICAL INDUSTRY.....	103.4
LABORING AND SERVANT.....	106.4		
MANUFACTURING AND MECHANICAL INDUSTRY.....	105.3	Average, all specified occupations.....	100.0
Laborers (not agricultural).....	104.3		
Average, all specified occupations.....	100.0	<i>Barbers and hairdressers</i>	98.3
Mill and factory operatives (textiles).....	96.8	Draymen, hackmen, teamsters, etc.....	96.6
Iron and steel workers.....	94.7	Carpenters and joiners.....	95.8
Blacksmiths.....	93.6	Bankers, brokers, and officials of companies.....	95.0
Masons (brick and stone).....	93.6	Sailors, pilots, fishermen, and oystermen.....	94.1
<i>Gardeners, florists, nurserymen, and vine growers</i>	93.6	Butchers.....	91.6
Machinists.....	92.6	Gardeners, florists, nurserymen, and vine growers.....	90.8
Carpenters and joiners.....	80.9	Boots and shoes.....	89.9
Tailors.....	79.8	<i>Engineers and surveyors</i>	89.1
AGRICULTURE, TRANSPORTATION, AND OTHER OUTDOOR.....	73.4	Blacksmiths.....	79.0
Steam-railroad employees.....	69.1	AGRICULTURE, TRANSPORTATION, AND OTHER OUTDOOR.....	79.0
Farmers, planters, and farm laborers.....	62.8	Mill and factory operatives (textiles).....	77.3
Miners and quarrymen.....	57.4	Farmers, planters, and farm laborers.....	76.5
<i>Engineers and surveyors</i>	47.9	Masons (brick and stone).....	74.8
		Steam-railroad employees.....	73.1
		Miners and quarrymen.....	60.5
SUICIDE—continued.			
Bankers, brokers, and officials of companies.....	210.5	Saloon keepers, liquor dealers, bartenders, and restaurant keepers.....	168.0
Collectors, auctioneers, and agents.....	184.2	Tailors.....	160.0
Carpenters and joiners.....	163.2	PUBLIC ENTERTAINMENT.....	156.0
Tailors.....	160.5	Servants.....	156.0
Machinists.....	147.4	Boot and shoe makers.....	140.0
Bakers and confectioners.....	144.7	Carpenters and joiners.....	140.0
Lawyers.....	142.1	Blacksmiths.....	132.0
<i>Engineers and surveyors</i>	134.2	Iron and steel workers.....	132.0
CLERICAL AND OFFICIAL.....	131.6	Gardeners, florists, nurserymen, and vine growers.....	124.0
Blacksmiths.....	123.7	<i>Plumbers, and gas and steam fitters</i>	120.0
Mill and factory operatives (textiles).....	118.4	MANUFACTURING AND MECHANICAL INDUSTRY.....	116.0
Saloon keepers, liquor dealers, bartenders, and restaurant keepers.....	115.8	<i>Bakers and confectioners</i>	116.0
MERCANTILE AND TRADING.....	113.2	Machinists.....	116.0
Farmers, planters, and farm laborers.....	113.2	Bookkeepers, clerks, and copyists.....	112.0
Merchants and dealers.....	110.5	Lawyers.....	108.0
PUBLIC ENTERTAINMENT.....	110.5	Bankers, brokers, and officials of companies.....	108.0
MANUFACTURING AND MECHANICAL INDUSTRY.....	110.5	Butchers.....	108.0
Painters, glaziers, and varnishers.....	110.5	Draymen, hackmen, teamsters, etc.....	108.0
PROFESSIONAL SERVICE.....	107.9	Farmers, planters, and farm laborers.....	104.0
PERSONAL SERVICE, POLICE, AND MILITARY.....	107.9		
Boot and shoe makers.....	105.3	MERCANTILE AND TRADING.....	100.0
Bookkeepers, clerks, and copyists.....	102.6	<i>Barbers and hairdressers</i>	100.0
Average, all specified occupations.....	100.0	Masons (brick and stone).....	100.0
Masons (brick and stone).....	89.5	Average, all specified occupations.....	100.0
AGRICULTURE, TRANSPORTATION, AND OTHER OUTDOOR.....	89.5	Mill and factory operatives (textiles).....	100.0
Barbers and hairdressers.....	86.8	AGRICULTURE, TRANSPORTATION, AND OTHER OUTDOOR.....	100.0
Servants.....	86.8	Physicians and surgeons.....	96.0
Policemen, watchmen, and detectives.....	81.6	CLERICAL AND OFFICIAL.....	96.0
<i>Gardeners, florists, nurserymen, and vine growers</i>	81.6	Collectors, auctioneers, and agents.....	96.0
Engineers and firemen (not locomotive).....	76.3	Painters, glaziers, and varnishers.....	92.0
Sailors, pilots, fishermen, and oystermen.....	71.1	<i>Compositors, printers, and pressmen</i>	88.0
LABORING AND SERVANT.....	68.4	PROFESSIONAL SERVICE.....	84.0
Laborers (not agricultural).....	68.4	Policemen, watchmen, and detectives.....	84.0
Iron and steel workers.....	65.8	Merchants and dealers.....	80.0
<i>Clergymen</i>	63.2	PERSONAL SERVICE, POLICE, AND MILITARY.....	80.0
Draymen, hackmen, teamsters, etc.....	63.2	Miners and quarrymen.....	80.0
<i>Plumbers, and gas and steam fitters</i>	60.5	<i>Engineers and surveyors</i>	76.0
Physicians and surgeons.....	55.3	LABORING AND SERVANT.....	76.0
Steam-railroad employees.....	52.6	Laborers (not agricultural).....	68.0
Compositors, printers, and pressmen.....	50.0	Steam-railroad employees.....	56.0
Miners and quarrymen.....	36.8	Sailors, pilots, fishermen, and oystermen.....	48.0
Butchers.....	34.2	Engineers and firemen (not locomotive).....	40.0
		Clergymen.....	32.0

MORTALITY STATISTICS.

TABLE 10.—MALES—RELATIVE IMPORTANCE OF CERTAIN CAUSES OF DEATH, AT SPECIFIED AGE PERIODS, FOR THE SAME AGE

25 TO 34 YEARS.		35 TO 44 YEARS.	
Occupation. ¹	Index of relative importance (per cent).	Occupation. ¹	Index of relative importance (per cent).
ACCIDENT.			
Steam-railroad employees.....	369.5	Steam-railroad employees.....	405.9
Miners and quarrymen.....	356.9	Miners and quarrymen.....	348.5
AGRICULTURE, TRANSPORTATION, AND OTHER OUTDOOR.....	183.9	AGRICULTURE, TRANSPORTATION, AND OTHER OUTDOOR.....	189.8
Iron and steel workers.....	143.3	Sailors, pilots, fishermen, and oystermen.....	167.8
Sailors, pilots, fishermen, and oystermen.....	138.5	Engineers and firemen (not locomotive).....	147.8
Engineers and surveyors.....	126.4	Engineers and surveyors.....	145.6
Engineers and firemen (not locomotive).....	125.9	Iron and steel workers.....	125.7
Carpenters and joiners.....	117.8	Farmers, planters, and farm laborers.....	111.0
<i>Policemen, watchmen, and detectives</i>	115.5		
Farmers, planters, and farm laborers.....	103.4	Masons (brick and stone).....	100.0
Average, all specified occupations.....	100.0	Average, all specified occupations.....	100.0
<i>Masons (brick and stone)</i>	98.9	Draymen, hackmen, teamsters, etc.....	97.1
Painters, glaziers, and varnishers.....	94.8	<i>Gardeners, florists, nurserymen, and vine growers</i>	91.9
MANUFACTURING AND MECHANICAL INDUSTRY.....	79.3	Carpenters and joiners.....	83.2
Laborers (not agricultural).....	77.6	Laborers (not agricultural).....	86.0
<i>Blacksmiths</i>	74.7	Machinists.....	85.3
LABORING AND SERVANT.....	74.1	Mill and factory operatives (textiles).....	85.3
Draymen, hackmen, teamsters, etc.....	74.1	Painters, glaziers, and varnishers.....	83.8
PROFESSIONAL SERVICE.....	72.4	LABORING AND SERVANT.....	81.6
Butchers.....	66.1	MANUFACTURING AND MECHANICAL INDUSTRY.....	80.1
Plumbers, and gas and steam fitters.....	65.5	Bakers and confectioners.....	64.7
<i>Gardeners, florists, nurserymen, and vine growers</i>	65.5	Blacksmiths.....	64.7
Machinists.....	64.9	Barbers and hairdressers.....	64.0
PERSONAL SERVICE, POLICE, AND MILITARY.....	63.2	Policemen, watchmen, and detectives.....	63.2
Mill and factory operatives (textiles).....	60.9	Plumbers, and gas and steam fitters.....	63.2
<i>Physicians and surgeons</i>	58.6	PERSONAL SERVICE, POLICE, AND MILITARY.....	62.5
<i>Bakers and confectioners</i>	50.0	Boot and shoe makers.....	61.8
<i>Bankers, brokers, and officials of companies</i>	48.9	PROFESSIONAL SERVICE.....	59.6
Servants.....	47.1	Servants.....	51.5
<i>Lawyers</i>	44.8	Collectors, auctioneers, and agents.....	48.5
Compositors, printers, and pressmen.....	42.0	Butchers.....	47.8
Collectors, auctioneers, and agents.....	40.8	<i>Physicians and surgeons</i>	44.9
MERCANTILE AND TRADING.....	39.7	MERCANTILE AND TRADING.....	44.1
Boot and shoe makers.....	39.7	CLERICAL AND OFFICIAL.....	41.2
Merchants and dealers.....	38.5	Compositors, printers, and pressmen.....	41.2
Saloon keepers, liquor dealers, bartenders, and restaurant keepers.....	36.8	Bookkeepers, clerks, and copyists.....	39.7
PUBLIC ENTERTAINMENT.....	36.2	<i>Lawyers</i>	39.8
CLERICAL AND OFFICIAL.....	33.9	Merchants and dealers.....	34.6
Bookkeepers, clerks, and copyists.....	32.2	<i>Bankers, brokers, and officials of companies</i>	33.1
Tailors.....	28.7	PUBLIC ENTERTAINMENT.....	31.6
Barbers and hairdressers.....	25.3	Saloon keepers, liquor dealers, bartenders, and restaurant keepers.....	31.6
<i>Clergymen</i>	23.0	Tailors.....	29.4
		<i>Clergymen</i>	27.2

¹Class aggregates in SMALL CAPITALS; occupations with less than 200 deaths in a given age period indicated by *italics*. The percentages are the same as those presented in Table 8 and are based solely upon deaths; they should not be compared directly with death rates or mortality figures based upon deaths and population.

OCCUPATIONS AND CAUSES OF DEATH.

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EACH OCCUPATION AS COMPARED WITH THEIR AVERAGE IMPORTANCE FOR ALL SPECIFIED OCCUPATIONS AT PERIODS: 1908—Continued.

45 TO 54 YEARS.		55 TO 64 YEARS.	
Occupation. ¹	Index of relative importance (per cent).	Occupation. ¹	Index of relative importance (per cent).
ACCIDENT—continued.			
Steam-railroad employees.....	430.7	Steam-railroad employees.....	449.2
Miners and quarrymen.....	292.1	Miners and quarrymen.....	211.1
AGRICULTURE, TRANSPORTATION, AND OTHER OUTDOOR.....	164.4	<i>Plumbers, and gas and steam fitters</i>	161.0
Sailors, pilots, fishermen, and oystermen.....	153.5	Draymen, hackmen, teamsters, etc.....	161.9
Carpenters and joiners.....	131.7	Painters, glaziers, and varnishers.....	147.6
Draymen, hackmen, teamsters, etc.....	127.7	Sailors, pilots, fishermen, and oystermen.....	144.4
<i>Engineers and surveyors</i>	125.8	AGRICULTURE, TRANSPORTATION, AND OTHER OUTDOOR.....	139.7
Painters, glaziers, and varnishers.....	113.8	Policemen, watchmen, and detectives.....	136.5
Masons (brick and stone).....	112.9	<i>Engineers and surveyors</i>	122.2
Engineers and firemen (not locomotive).....	110.0	Carpenters and joiners.....	117.5
Iron and steel workers.....	105.0	Machinists.....	117.5
Farmers, planters, and farm laborers.....	105.0	Gardeners, florists, nurserymen, and vine growers.....	109.5
Average, all specified occupations.....	100.0	Engineers and firemen (not locomotive).....	106.3
Blacksmiths.....	89.1	Masons (brick and stone).....	106.3
MANUFACTURING AND MECHANICAL INDUSTRY.....	88.1	Servants.....	103.2
Laborers (not agricultural).....	87.1	Iron and steel workers.....	101.6
Policemen, watchmen, and detectives.....	85.1	Average, all specified occupations.....	100.0
LABORING AND SERVANT.....	85.1	Farmers, planters, and farm laborers.....	96.8
Bakers and confectioners.....	85.1	MANUFACTURING AND MECHANICAL INDUSTRY.....	95.2
<i>Plumbers, and gas and steam fitters</i>	84.2	PERSONAL SERVICE, POLICE, AND MILITARY.....	93.7
<i>Gardeners, florists, nurserymen, and vine growers</i>	80.2	Blacksmiths.....	93.7
Machinists.....	78.2	Mill and factory operatives (textiles).....	93.7
Mill and factory operatives (textiles).....	75.2	Butchers.....	92.1
Servants.....	67.3	LABORING AND SERVANT.....	85.7
Collectors, auctioneers, and agents.....	65.3	Laborers (not agricultural).....	84.1
PERSONAL SERVICE, POLICE, AND MILITARY.....	64.4	Boot and shoe makers.....	77.8
PROFESSIONAL SERVICE.....	57.4	Tailors.....	73.0
Physicians and surgeons.....	54.5	Physicians and surgeons.....	71.4
MERCANTILE AND TRADING.....	54.5	Lawyers.....	66.7
Compositors, printers, and pressmen.....	53.5	PROFESSIONAL SERVICE.....	63.5
Merchants and dealers.....	52.5	MERCANTILE AND TRADING.....	60.3
Butchers.....	52.5	Bookkeepers, clerks, and copyists.....	57.1
Tailors.....	52.5	Collectors, auctioneers, and agents.....	57.1
Boot and shoe makers.....	51.5	CLERICAL AND OFFICIAL.....	55.6
CLERICAL AND OFFICIAL.....	49.5	Merchants and dealers.....	54.0
Bookkeepers, clerks, and copyists.....	42.6	<i>Compositors, printers, and pressmen</i>	52.4
Lawyers.....	35.6	<i>Barbers and hairdressers</i>	49.2
Bankers, brokers, and officials of companies.....	34.7	Bankers, brokers, and officials of companies.....	42.9
PUBLIC ENTERTAINMENT.....	33.7	Saloon keepers, liquor dealers, bartenders, and restaurant keepers.....	34.9
<i>Clergymen</i>	29.7	PUBLIC ENTERTAINMENT.....	28.6
Saloon keepers, liquor dealers, bartenders, and restaurant keepers.....	27.7	<i>Bakers and confectioners</i>	28.6
Barbers and hairdressers.....	24.8	Clergymen.....	27.0

MORTALITY STATISTICS.

TABLE 11.—FEMALES—RELATIVE IMPORTANCE OF CERTAIN CAUSES OF DEATH, AT SPECIFIED AGE PERIODS, AT THE SAME AGE

25 TO 34 YEARS.		35 TO 44 YEARS.	
Occupation. ¹	Index of relative importance (per cent).	Occupation. ¹	Index of relative importance (per cent).
TYPHOID FEVER.			
Bookkeepers, clerks, and copyists.....	173.7	Teachers in schools.....	187.0
Teachers in schools.....	134.2	<i>Bookkeepers, clerks, and copyists</i>	139.1
Average, all specified occupations.....	100.0	Dressmakers and seamstresses.....	117.4
Servants.....	81.6	Laundresses.....	108.7
Dressmakers and seamstresses.....	73.7	Average, all specified occupations.....	100.0
Laundresses.....	63.2	Servants.....	82.6
TUBERCULOSIS OF LUNGS.			
Dressmakers and seamstresses.....	139.0	Dressmakers and seamstresses.....	115.8
Teachers in schools.....	109.8	<i>Bookkeepers, clerks, and copyists</i>	105.1
Bookkeepers, clerks, and copyists.....	100.0	Average, all specified occupations.....	100.0
Average, all specified occupations.....	100.0	Servants.....	99.1
Laundresses.....	93.1	Teachers in schools.....	94.4
Servants.....	92.8	Laundresses.....	69.3
CANCER.			
Bookkeepers, clerks, and copyists.....	163.0	Dressmakers and seamstresses.....	163.0
Laundresses.....	107.4	<i>Bookkeepers, clerks, and copyists</i>	155.0
Dressmakers and seamstresses.....	103.7	Teachers in schools.....	140.0
Servants.....	100.0	Average, all specified occupations.....	100.0
Average, all specified occupations.....	100.0	Servants.....	87.0
Teachers in schools.....	96.3	Laundresses.....	70.0
APOPLEXY AND PARALYSIS.			
Laundresses.....	160.0	Laundresses.....	175.0
Servants.....	120.0	Servants.....	120.0
Average, all specified occupations.....	100.0	Average, all specified occupations.....	100.0
Teachers in schools.....	73.3	Teachers in schools.....	72.5
Bookkeepers, clerks, and copyists.....	60.0	<i>Bookkeepers, clerks, and copyists</i>	65.0
Dressmakers and seamstresses.....	40.0	Dressmakers and seamstresses.....	52.5
HEART DISEASE.			
Laundresses.....	181.8	Laundresses.....	113.1
Bookkeepers, clerks, and copyists.....	109.1	Servants.....	105.1
Servants.....	104.5	Average, all specified occupations.....	100.0
Average, all specified occupations.....	100.0	Teachers in schools.....	92.9
Dressmakers and seamstresses.....	84.8	Dressmakers and seamstresses.....	85.9
Teachers in schools.....	65.7	<i>Bookkeepers, clerks, and copyists</i>	71.7
PNEUMONIA (ALL FORMS).			
Dressmakers and seamstresses.....	128.3	Laundresses.....	131.8
Servants.....	105.0	Teachers in schools.....	103.0
Average, all specified occupations.....	100.0	Servants.....	101.5
Teachers in schools.....	96.7	Average, all specified occupations.....	100.0
Laundresses.....	88.3	Dressmakers and seamstresses.....	89.4
Bookkeepers, clerks, and copyists.....	68.3	<i>Bookkeepers, clerks, and copyists</i>	59.1
BRIGHT'S DISEASE.			
Laundresses.....	111.5	Laundresses.....	133.8
Bookkeepers, clerks, and copyists.....	101.9	Servants.....	105.6
Servants.....	101.9	Average, all specified occupations.....	100.0
Dressmakers and seamstresses.....	100.0	Dressmakers and seamstresses.....	78.9
Average, all specified occupations.....	100.0	Teachers in schools.....	74.6
Teachers in schools.....	69.2	<i>Bookkeepers, clerks, and copyists</i>	56.6

¹ Occupations with less than 200 deaths in a given age period indicated by *italics*. The percentages are the same as those presented in Table 9 and are based solely upon deaths; they should not be compared directly with death rates or mortality figures based upon deaths and population.

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FOR EACH OCCUPATION AS COMPARED WITH THEIR AVERAGE IMPORTANCE FOR ALL SPECIFIED OCCUPATIONS PERIODS: 1908.

45 TO 54 YEARS.		55 TO 64 YEARS.	
Occupation. ¹	Index of relative importance (per cent).	Occupation. ¹	Index of relative importance (per cent).
TYPHOID FEVER—continued.			
<i>Bookkeepers, clerks, and copyists</i>	253.3	<i>Teachers in schools</i>	514.3
<i>Teachers in schools</i>	166.7	Average, all specified occupations	100.0
Average, all specified occupations	100.0	<i>Servants</i>	85.7
<i>Servants</i>	91.7	<i>Dressmakers and seamstresses</i>	57.1
<i>Dressmakers</i>	50.0	<i>Bookkeepers, clerks, and copyists</i>	
<i>Laundresses</i>		<i>Laundresses</i>	
TUBERCULOSIS OF LUNGS—continued.			
<i>Laundresses</i>	133.2	<i>Dressmakers and seamstresses</i>	122.8
<i>Servants</i>	103.9	<i>Servants</i>	100.0
<i>Dressmakers and seamstresses</i>	102.9	Average, all specified occupations	100.0
Average, all specified occupations	100.0	<i>Laundresses</i>	84.2
<i>Bookkeepers, clerks, and copyists</i>	92.2	<i>Bookkeepers, clerks, and copyists</i>	50.9
<i>Teachers in schools</i>	77.5	<i>Teachers in schools</i>	47.4
CANCER—continued.			
<i>Dressmakers and seamstresses</i>	141.5	<i>Teachers in schools</i>	122.4
Average, all specified occupations	100.0	<i>Bookkeepers, clerks, and copyists</i>	106.7
<i>Bookkeepers, clerks, and copyists</i>	92.3	Average, all specified occupations	100.0
<i>Servants</i>	93.7	<i>Dressmakers and seamstresses</i>	99.3
<i>Teachers in schools</i>	93.0	<i>Servants</i>	91.0
<i>Laundresses</i>	63.4	<i>Laundresses</i>	71.6
APPOPLEXY AND PARALYSIS—continued.			
<i>Bookkeepers, clerks, and copyists</i>	129.8	<i>Bookkeepers, clerks, and copyists</i>	157.5
<i>Servants</i>	108.3	<i>Teachers in schools</i>	139.1
Average, all specified occupations	100.0	<i>Servants</i>	102.4
<i>Teachers in schools</i>	85.7	Average, all specified occupations	100.0
<i>Dressmakers and seamstresses</i>	81.0	<i>Laundresses</i>	96.9
<i>Laundresses</i>	76.2	<i>Dressmakers and seamstresses</i>	67.7
HEART DISEASE—continued.			
<i>Laundresses</i>	112.4	<i>Bookkeepers, clerks, and copyists</i>	130.7
<i>Servants</i>	105.1	<i>Dressmakers and seamstresses</i>	127.5
Average, all specified occupations	100.0	<i>Teachers in schools</i>	101.3
<i>Dressmakers and seamstresses</i>	94.9	Average, all specified occupations	100.0
<i>Teachers in schools</i>	81.8	<i>Servants</i>	98.7
<i>Bookkeepers, clerks, and copyists</i>	46.0	<i>Laundresses</i>	94.1
PNEUMONIA (ALL FORMS)—continued.			
<i>Teachers in schools</i>	156.3	<i>Teachers in schools</i>	113.6
<i>Laundresses</i>	112.5	<i>Laundresses</i>	101.1
Average, all specified occupations	100.0	<i>Servants</i>	101.1
<i>Servants</i>	98.8	Average, all specified occupations	100.0
<i>Dressmakers and seamstresses</i>	88.8	<i>Dressmakers and seamstresses</i>	97.7
<i>Bookkeepers, clerks, and copyists</i>	88.8	<i>Bookkeepers, clerks, and copyists</i>	84.8
BRIGHT'S DISEASE—continued.			
<i>Laundresses</i>	126.9	<i>Servants</i>	113.5
<i>Servants</i>	103.8	Average, all specified occupations	100.0
<i>Dressmakers and seamstresses</i>	103.8	<i>Teachers in schools</i>	87.5
Average, all specified occupations	100.0	<i>Dressmakers and seamstresses</i>	86.5
<i>Teachers in schools</i>	76.0	<i>Laundresses</i>	65.4
<i>Bookkeepers, clerks, and copyists</i>	45.2	<i>Bookkeepers, clerks, and copyists</i>	54.8

MORTALITY STATISTICS.

TABLE 11.—FEMALES—RELATIVE IMPORTANCE OF CERTAIN CAUSES OF DEATH, AT SPECIFIED AGE PERIODS, AT THE SAME AGE

25 TO 34 YEARS.		35 TO 44 YEARS.	
Occupation. ¹	Index of relative importance (per cent).	Occupation. ¹	Index of relative importance (per cent).
SUICIDE.			
Teachers in schools.....	113.0	Dressmakers and seamstresses.....	123.5
Average, all specified occupations.....	100.0	Teachers in schools.....	111.8
Servants.....	95.7	Average, all specified occupations.....	100.0
Dressmakers and seamstresses.....	95.7	Servants.....	82.4
Bookkeepers, clerks, and copyists.....	82.6	<i>Bookkeepers, clerks, and copyists</i>	35.3
Laundresses.....		Laundresses.....	23.5
ACCIDENT.			
Teachers in schools.....	137.5	<i>Bookkeepers, clerks, and copyists</i>	198.3
Bookkeepers, clerks, and copyists.....	109.4	Teachers in schools.....	143.3
Average, all specified occupations.....	100.0	Laundresses.....	110.0
Servants.....	90.6	Dressmakers and seamstresses.....	100.0
Laundresses.....	75.0	Average, all specified occupations.....	100.0
Dressmakers and seamstresses.....	68.8	Servants.....	80.0

¹ Occupations with less than 200 deaths in a given age period indicated by *italics*. The percentages are the same as those presented in Table 9 and are based solely upon deaths; they should not be compared directly with death rates or mortality figures based upon deaths and population.

OCCUPATIONS AND CAUSES OF DEATH.

FOR EACH OCCUPATION AS COMPARED WITH THEIR AVERAGE IMPORTANCE FOR ALL SPECIFIED OCCUPATIONS PERIODS: 1908—Continued.

45 TO 54 YEARS.		55 TO 64 YEARS.	
Occupation. ¹	Index of relative importance (per cent).	Occupation. ¹	Index of relative importance (per cent).
SUICIDE—continued.			
<i>Bookkeepers, clerks, and copyists</i>	281.8	<i>Teachers in schools</i>	257.1
<i>Teachers in schools</i>	118.2	<i>Dressmakers and seamstresses</i>	114.3
<i>Dressmakers and seamstresses</i>	109.1	<i>Laundresses</i>	100.0
Average, all specified occupations	100.0	Average, all specified occupations	100.0
<i>Laundresses</i>	81.8	<i>Servants</i>	71.4
<i>Servants</i>	72.7	<i>Bookkeepers, clerks, and copyists</i>	
ACCIDENT—continued.			
<i>Dressmakers and seamstresses</i>	146.7	<i>Laundresses</i>	130.8
<i>Teachers in schools</i>	130.0	<i>Bookkeepers, clerks, and copyists</i>	111.5
Average, all specified occupations	100.0	<i>Teachers in schools</i>	103.8
<i>Laundresses</i>	86.7	Average, all specified occupations	100.0
<i>Servants</i>	86.7	<i>Servants</i>	88.5
<i>Bookkeepers, clerks, and copyists</i>	53.3	<i>Dressmakers and seamstresses</i>	88.5

MORTALITY STATISTICS.

TABLE 12.—MALES—OCCUPATIONS, WITH HIGHEST AND LOWEST MORTALITY

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PHthisis.		PNEUMONIA.	
Occupation.	Comparative mortality figure.	Occupation.	Comparative mortality figure.
Tin miner	838	<i>General labourer (industrial districts)</i>	245
<i>Inn, hotel—servant (London)</i>	669	<i>Inn, hotel—servant (London)</i>	258
<i>General labourer (industrial districts)</i>	567	General labourer	224
Inn, hotel—servant	533	<i>Innkeeper, etc. (industrial districts)</i>	222
<i>General labourer (London)</i>	531	<i>Innkeeper, servant, etc., in industrial districts</i>	218
<i>Cutler, scissors maker</i>	516	<i>General labourer (London)</i>	207
Costermonger, hawkker	516	Copper manufacturer, worker; coppersmith	206
Copper miner	501	<i>Innkeeper, servant, etc., in London</i>	193
General labourer	450	Inn, hotel—servant	184
<i>Innkeeper, servant, etc., in London</i>	443	Nail, anchor, chain, and other iron and steel manufactures	183
<i>Inn, hotel—servant (industrial districts)</i>	426	Dock labourer, wharf labourer	180
<i>Inn, hotel—servant (agricultural districts)</i>	410	<i>Lead manufacturer, leaden goods maker</i>	176
<i>File maker</i>	375	Costermonger, hawkker	165
Messenger, porter, etc. (not railway or Government)	368	<i>Inn, hotel—servant (industrial districts)</i>	156
Tool, scissors, file, saw, needle—maker	353	<i>Innkeeper, etc. (London)</i>	155
General shopkeeper	344	Coalheaver	154
Lead miner	317	<i>Innkeeper, servant, etc.</i>	152
Brush, broom—maker; hair, bristle—worker	314	General shopkeeper	149
Furrier, skinner	314	<i>Coal miner (Lancashire)</i>	149
<i>Innkeeper, servant, etc.</i>	306	Chemical manufacture	147
Musician, music master	301	<i>Innkeeper, publican; spirit, wine, beer, dealer</i>	145
Dock labourer, wharf labourer	291	<i>File maker</i>	143
Printer	290	Messenger, porter, etc. (not railway or Government)	134
<i>Innkeeper, servant, etc., in agricultural districts</i>	288	Carman, carrier	130
<i>Innkeeper, etc. (agricultural districts)</i>	278	Chimney sweep	128
All occupied males	175	Bargeman, lighterman, waterman	125
Fisherman	96	All occupied males	87
<i>Miners</i>	96	Fisherman	57
<i>Coal miner (Lancashire)</i>	96	Watch, clock, scientific instrument, etc., maker; jeweller, etc.	57
Chemical manufacture	96	Artist, engraver, sculptor, architect	56
<i>Coal miner (Monmouthshire and South Wales)</i>	93	Draper, linen draper, mercer	55
Platelayer, railway labourer; navy, etc., road labourer	91	Law clerk	55
Milkseller, cheesemonger, etc.	90	<i>Coal miner (Durham and Northumberland)</i>	54
<i>Coal, coke—merchant, dealer</i>	89	Barrister, solicitor	52
Coal merchant; coke burner, etc.	88	<i>Coal miner (Derbyshire and Nottinghamshire)</i>	52
<i>Coal miner (West Riding)</i>	88	Bookbinder	51
Barrister, solicitor	87	Farm labourer, farm servant	50
Engine driver, stoker, fireman (not railway, marine, or agricultural)	85	Lithographer; copper and steel plate printer	48
Coal miner	85	<i>Agriculturist</i>	47
<i>Coal miner (Durham and Northumberland)</i>	84	Schoolmaster, teacher	47
Gardener, nurseryman, seedsman	83	Farmer, grazier, farmer's son, etc.	46
Farm labourer, farm servant	82	<i>Watch, clock—maker</i>	45
<i>Labourer, etc., in agricultural districts</i>	82	<i>Labourer, etc., in agricultural districts</i>	44
<i>Agriculturist</i>	79	Ironmonger	44
<i>Agriculturist, in agricultural districts</i>	75	Gardener, nurseryman, seedsman	43
Gamekeeper	73	Civil service (officers and clerks) ¹	43
Brick, plain tile, terra-cotta—maker	72	Railway engine driver, stoker	43
Farmer, grazier, farmer's son, etc.	71	<i>Agriculturist, in agricultural districts</i>	41
<i>Coal miner (Staffordshire)</i>	66	Grocer, etc.	41
<i>Farmer, grazier, etc., in agricultural districts</i>	66	<i>Farmer, grazier, etc., in agricultural districts</i>	39
Physician, surgeon, general practitioner ¹	65	Railway official, clerk	37
<i>Coal miner (Derbyshire and Nottinghamshire)</i>	64	<i>Zinc manufacturer, worker</i>	35
Railway engine driver, stoker	63	Clergyman, priest, minister	32
Clergyman, priest, minister	53	Silk, satin, crape, etc., manufacture	25
Occupied males (London)	262	Occupied males (London)	103
Occupied males (industrial districts)	202	Occupied males (industrial districts)	129
Occupied males (agricultural districts)	125	Occupied males (agricultural districts)	48

Of the 97 other occupational groups the mortality of 55 was above and that of 43 below the mortality of "occupied males." ²

Of the 98 other occupational groups the mortality of 34 was above, that of 1 equal to, and that of 63 below the mortality of "occupied males."

EXPLANATORY NOTE ON TABLE 12.—The meaning of the term "comparative mortality figure" is thus explained in the Supplement (page xi): "In the course of the three years 1900-02 there were registered 284,009 deaths of males between the ages of 25 and 65 years, and these deaths occurred in the course of 20,166,153 years of life—a number equal to thrice the population enumerated at these ages at the time of the last Census. Thus, among males generally, within these age limits, 1,000 deaths occurred annually among 71,005 living; and if this latter number be divided proportionally to the numbers enumerated in the latter Census, it will be found that 26,259 of them were living at ages 25-35 years, 20,407 at ages 35-45 years, 14,748 at ages 45-55 years, and 9,591 at ages 55-65 years. This number (71,005) has been adopted as the 'standard population,' which, subject to the rates of mortality obtained in the several age groups among males generally, produced 1,000 deaths annually. If the four constituent numbers above mentioned be multiplied by the death rates recorded at the corresponding age groups in each occupation, the sum of the products will give the number of deaths that would occur in the standard population, supposing it to have experienced the death rates which prevailed in that occupation. This figure is called the 'comparative mortality figure' for the occupation." The italics are used in the English tables for a purpose different from that for which they were employed in Tables 6 to 11; they denote groups of occupations or localized or other subdivisions of some of the numbered occupations of the English list.

OCCUPATIONS AND CAUSES OF DEATH.

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FROM CERTAIN CAUSES, ENGLAND AND WALES: 1900 TO 1902.

Report of Registrar-General.]

ACCIDENT.		SUICIDE.	
Occupation.	Comparative mortality figure.	Occupation.	Comparative mortality figure.
Seaman, etc., merchant service.....	266	<i>Innkeeper, etc. (London)</i>	58
Bargeman, lighterman, waterman.....	236	<i>Inn, hotel—servant (agricultural districts)</i>	56
Coal miner (<i>Monmouthshire and South Wales</i>).....	169	Chemist, druggist.....	50
Coal miner (<i>Lancashire</i>).....	131	<i>Innkeeper, servant, etc., in London</i>	49
Fisherman.....	128	<i>Innkeeper, servant, etc., in industrial districts</i>	45
General labourer (<i>industrial districts</i>).....	127	<i>Innkeeper, etc. (industrial districts)</i>	45
Coal miner.....	123	<i>Inn, hotel—servant (London)</i>	40
Miners.....	122	Butcher.....	38
Carman, carrier, etc.....	121	<i>Inn, hotel—servant</i>	37
General labourer.....	120	<i>Innkeeper, publican; spirit, wine, beer, dealer</i>	37
Coal miner (<i>Staffordshire</i>).....	118	<i>Innkeeper, servant, etc.</i>	37
Transport service.....	117	Potter; earthenware, etc., manufacture.....	36
Ironstone miner.....	117	<i>General labourer (London)</i>	35
Railway guard, porter, pointsman, etc.....	115	<i>Inn, hotel—servant (industrial districts)</i>	33
General labourer (<i>London</i>).....	108	General shopkeeper.....	31
Dock labourer, wharf labourer.....	106	Silk, satin, crape, etc., manufacture.....	31
Coal miner (<i>Durham and Northumberland</i>).....	105	General labourer.....	31
Railway engine driver, guard, porter, pointsman, etc.....	105	Fishmonger.....	31
Slater, tiler.....	101	Domestic indoor servant.....	30
Stone, slate—quarrier.....	99	<i>File maker</i>	30
Coal miner (<i>West Riding</i>).....	99	Carrier.....	29
Coalheaver.....	98	<i>General labourer (industrial districts)</i>	28
Platelayer, railway labourer; navy, etc., road labourer.....	92	Brush, broom—maker; hair, bristle—worker.....	27
Costermonger, hawk, etc.....	83	Lithographer; copper and steel plate printer.....	27
Coal miner (<i>Derbyshire and Nottinghamshire</i>).....	80	Chimney sweep.....	27
All occupied males.....	58	<i>Tallow, soap, etc., manufacture</i>	27
Brass, bronze—manufacturer, founder, finisher, worker.....	23	All occupied males.....	19
Wool, worsted—manufacture.....	23	Shipbuilding.....	10
Tobacconist, etc.....	22	Rope, twine, cord—maker.....	10
Stationery manufacture; stationer, publisher, newsagent.....	22	Gas works service.....	10
Hosiery manufacture (<i>Leicestershire and Nottinghamshire</i>).....	22	Coach, carriage, railway coach, etc.—maker.....	10
Gardener, nurseryman, seedsman.....	22	Railway guard, porter, pointsman, etc.....	10
Fishmonger, poulterer.....	22	Miners.....	10
Watch, clock—maker.....	21	Chemical manufacture.....	10
Shoemaker.....	21	Coal miner.....	10
Printer.....	20	Platelayer, railway labourer; navy, etc., road labourer.....	10
Hosiery manufacture.....	20	Coalheaver.....	9
Law clerk.....	20	<i>Railway engine driver, guard, porter, pointsman, etc.</i>	9
Commercial clerk; insurance service.....	20	Fisherman.....	9
Ironmonger.....	19	Coal miner (<i>Staffordshire</i>).....	9
Civil service (officers and clerks) ¹	19	Domestic coachman, groom.....	8
Schoolmaster, teacher.....	17	Civil service (messengers, etc.) ¹	8
Grocer, etc.....	17	Tin miner.....	7
Gunsmith.....	17	Railway engine driver, stoker.....	7
Zinc manufacturer, worker.....	15	Lead miner.....	7
Cycle and motor manufacture.....	14	Copper manufacturer, worker; coppersmith.....	7
Draper, linen draper, mercer.....	14	Musician, music master.....	7
Artist, engraver, sculptor, architect.....	13	Ironstone miner.....	6
Bookbinder.....	13	Clergyman, priest, minister.....	6
Domestic coachman, groom.....	12	Coal miner (<i>Monmouthshire and South Wales</i>).....	5
Silk, satin, crape, etc., manufacture.....	11	Copper miner.....	5
Clergyman, priest, minister.....	9		
Copper miner.....	9		
Occupied males (London).....	52	Occupied males (London).....	22
Occupied males (industrial districts).....	57	Occupied males (industrial districts).....	19
Occupied males (agricultural districts).....	48	Occupied males (agricultural districts).....	17

Among the 99 other occupational groups the mortality of 11 was above, that of 1 equal to, and that of 87 below the mortality of "occupied males."

Among the 101 other occupational groups the mortality of 35 was above, that of 7 equal to, and that of 59 below the mortality of "occupied males."

¹ Including retired.

² Figures in this paragraph as in original.