57th Congress, \} HOUSE OF REPRESENTATIVES. §Doc. No. 377, 1st Session. Part 5.

## BULLEIIIN

OF THE

## DEPARTMENT OF LABOR.

No. 42-SEPTEMBER, 1902.

ISSUED EVERY OTHER MONTH.

EDITOR,

## CARROLL D. WRIGHT, commissioner.

## associate editors,

G. W. W. HANGER,

CHAS. H. VERRILL, G. A. WEBER.

## CONTENTS.

Page.
Statistics of cities ..... 881-1055
Labor conditions in Cuba ..... 1056
Agreements between employers and employees ..... 1057-1068
Digest of recent reports of State bureaus of labor statistics:
Louisiana ..... 1069
Maryland ..... 1070, 1071
New Jersey ..... 1071-1075
Reports of State boards of arbitration. ..... 1075, 1076
Digest of recent foreign statistical publications. ..... 1077-1093
Decisions of courts affecting labor ..... 1094-1126
Laws of various States relating to labor enacted since January 1, 1896 ..... 1127-1146

Digitized for FRASER http://fraser.stlouisfed.org/

## BULLETIN

OF THE

## DEPARTMENT OF LABOR.

## STATISTICS OF CITIES.

By an act of Congress, which was approved and became law July 1, 1898, the Commissioner of Labor was called upon to make an investigation annually into the statistics of the cities of the United States having over 30,000 population. The paragraph of the act referred to is as follows:
The Commissioner of Labor is authorized to compile and publish annually, as a part of the Bulletin of the Department of Labor, an abstract of the main features of the official statistics of the cities of the United States having over 30,000 population.

In accordance with this act a compilation was attempted from the printed reports of various cities, but owing to lack of uniformity in these reports, and in many cases to the lack of reports themselves, it was found impossible to make such a classification of the various items relating to the governmental, financial, and other conditions of these cities as seemed necessary for a satisfactory comparison. A schedule of inquiries was therefore prepared and the work taken up by the special agents of the Department. This required personal visits to the various officials of the cities coming within the scope of the investigation. These officials in many ways manifested the utmost interest in the investigation, and contributed freely of their time and labor in compiling the data desired and in making the report a success. The results were printed in the Bulletin of the Department of Labor for September, 1899.

As will be seen by reference to the language of the law'which has been quoted, provision is made for a similar inquiry each year. In the second report, which appeared in the Bulletin of the Department of Labor for September, 1900, an effort was made to enlarge somewhat upon the first, and to change slightly some of the inquiries in order to
secure fuller information on the subjects covered. The third report of the series was published in September, 1901, and while it was not thought necessary to repeat the investigation of the preceding year relative to the nonmunicipal libraries, charities, etc., it was deemed desirable to increase somewhat the scope of some of the inquiries and modify certain classifications in the interest of a more ready comparison from year to year of the cities included in the report. The report for the present year has also been expanded to some extent by the inclusion of additional data. In other respects, however, it is similar to the reports for previous years, and no difficulty will be found in making comparisons in regard to the subjects covered. The thanks of the Department are due to the officials of the various cities which were visited for their cordial cooperation in the effort to reduce the official records to such form as seemed necessary for satisfactory comparison. It is hoped that experience will render this task easier each year.

The first report, contained in the Bulletin for September, 1899, included 140 cities, this being the number in the United States which were at that time believed to have a population of 30,000 or over. The results of the Twelfth Census regarding the population of cities were not available when the data were collected for the second report, which appeared in the Bulletin for September, 1900, but according to the best estimates that could be secured the Department considered itself justified in including but 129 cities. Joliet, Ill., however, was wrongly included, it being shown by the corrected census returns to have less than 30,000 population; while several cities, which were supposed, when the data for that report were collected, to have less than 30,000 population, were shown to have more than that number. This information, however, came too late to permit their inclusion in the report. The following cities were thus omitted: Montgomery, Ala.; Fitchburg and Newton, Mass.; Bayonne, N. J.; Schenectady, N. Y., and Chester and York, Pa. The third report included 135 cities-all of the cities shown by the results of the Twelfth Census to have had a population of over 30,000 . In the report for the present year two cities have been added-East St. Louis and Joliet, Ill.-as it is believed that their population now exceeds 30,000 . These additions bring the number of cities included in the present report up to 137.
The titles of the twenty-five tables embraced in the present report are as follows:

Table I.-Incorporation, population, and area.
Table II.-Dates of ending of years covered by the investigation.
Table III.-Police, retail liquor saloons, and arrests, by causes.
Table IV.-Firemen, fire equipment, and property loss from fires.
Table V.-Marriages, divorces, and births.
Table VI.-Deaths, by causes.
Table VII.-Percentage of deaths from each specified cause.

Table VIII.-Death rate per 1,000 population, by causes.
Table IX.-Death rate per 1,000 population.
Table X.-Area of public parks and miles of streets, sewers, and street railways.
Table XI.-Care of streets, food and sanitary inspection, and disposal of garbage and other refuse.
Table XII.-Number and kind of street lights
Table XIII.-Public schools.
Table XIV.-Public libraries.
Table XV.-Charities: Almshouses, orphan asylums, and hospitals.
Table XVI.-Cost of water, gas, and electric-light plants owned and operated by cities.
Table XVII.-Building permits.
Table XVIII.-Debt and legal borrowing limit.
Table XIX.-Basis of assessment, assessed valuation of property, and taxation
Table XX.--Receipts from all sources.
Table XXI.-Expenditures for construction and other capital outlay.
Table XXII.-Expenditures for maintenance and operation.
Table XXIII.-Summary of receipts and expenditures.
Table XXIV.-Assets.
Table XXV.-Per capita debt, assessed valuation of property, and expenditures for maintenance.

These tables, which immediately follow the discussion of the same, will be taken up in order and a short analysis and explanation of each will be presented. At the same time there will be given information as to the changes from last year which have been adopted in the preparation of this year's report.

Table I.-Incorporation, population, and area.-In this table, as in the remaining twenty-four tables, the 137 cities in the United States having a population of 30,000 or over are presented in the order of their population at the Twelfth Census, the largest being placed first. The latest date of incorporation of each of the cities under the present limits of territory is first given, followed by the population at the Twelfth United States Census, June 1, 1900. This census population is used only as the basis for arrangement and is followed by the estimated population January 1, 1902. This estimate, which must be accepted as such, represents the closest approximation to the actual population that could be secured after consultation with city officers and investigation of all available data. This table also presents information as to the area in acres of each of the cities, subdivided as to land and water wherever possible. Lack of official records as to area rendered anything but an estimate impossible in some cities, but the greatest care has been exercised in such cases to have these estimates approximate accuracy as closely as possible. No subdivision of the area of cities into land and water was made in the first two annual reports on this subject.

Table II.-Dates of ending of years covered by the investigation.-As regards the dates of ending of the years covered by the investigation, it is necessary to say that in most of the cities investigated the various
departments of the city government, such as fire, police, street, etc., made their reports for a different year, one department having December 31 as the end of its statistical year, while the others had their years end on other dates. It was thought important, in connection with the study of the data included in the various tables, to furnish a statement as to the dates of ending of the years for which the information is given. Where but a single date is given under this heading all the various city departments close their year on the same day. Where the year of the various departments ended on different dates all the necessary information as to the ending of the same is furnished in this column. All data in the tables (with the exception of those which are noted) cover one year's transactions, and that the last year for which the facts were obtainable. It is interesting to note in this connection that in but 11 of the 137 cities included in this report have all of the various departments of city activity had their business year end on the same day. In all of the other cities business years ending on two or more different dates have been used. Not only would the labor of collecting and compiling the data necessary to these reports be greatly lessened in each city by the adoption of a uniform business year by all of its departments, but it is believed that the accounts and transactions of the city itself would be much simplified thereby.

Table III.-Police, retail liquor saloons, and arrests, by causes.-This table shows the number of policemen in each of the cities, the number including not only patrolmen, but officers, such as sergeants, lieutenants, etc. Persons employed as messengers, matrons, janitors, drivers, etc., are not included. In this table is shown also the number of licensed retail liquor saloons, together with the amount of the license fee, and, immediately following, the number of arrests. The licensed retail liquor saloons reported do not include clubs, drug stores, etc. The arrests are classified according to the causes for which persons were arrested, as drunkenness, disturbing the peace, assault and battery, homicide, vagrancy, housebreaking, and larceny. The arrests for other causes are given under "All other offenses," which is followed by a column showing the total arrests for all offenses. It was found that there was no uniform classification of offenses causing arrest in the various cities, different cities entering a different charge for a similar offense. Hence the following statement is given to show what offenses were combined in each item of the classification in the table: Drunkenness includes "common drunk," "drunk and disorderly," and all cases where drunkenness in any form was the primary cause of arrest; disturbing the peaceincludes all cases of disorderly conduct not attributable to drunkenness; assault and battery includes all cases of assault; vagrancy includes arrest of beggars, tramps, loafers, loiterers, and all persons without apparent means of support; housebreaking includes burglary and all cases of breaking and entering, and larceny includes pocket picking, robbery, and all cases of theft.

Table IV.-Firemen, fire equipment, and property loss from fires.The number of firemen in each of the cities is given in this table, classified as to whether they are regulars, call men, or volunteers. These numbers include the officers of the fire department in the different grades, as well as the actual firemen, but do not include messengers, janitors, etc. This table also goes quite fully into the equipment of the fire departments in the various cities, showing the number of steam, hand, and chemical engines, and of combination chemical engines and hose wagons, and the number of hand fire extinguishers, fire boats, hook and ladder trucks, hose reels and hose wagons, fire hydrants, water towers, horses, and fire-alarm boxes. In addition to this information, data are also given as to the total length of ladders and hose belonging to the various fire departments of the cities investigated. The table closes with statements showing the number of fire alarms, the number of fires, and the total property loss from the same. The number of fire alarms does not include duplicate alarms sent in from different points, and a first and second alarm for a single fire have been considered one alarm. It should also be stated that two or more buildings burned as a result of one fire have been considered one fire.

Table V.-Marriages, divorces, and births.-This table is similar to that used in the report for last year, with the addition of a column showing the number of divorces granted. The table shows the total number of marriage licenses issued, number of marriages, number of divorces granted, number of male and female births, the total births and birth rate per 1,000 population, and the number of stillbirths. The figures showing the birth rate per 1,000 population are based on the estimated population January 1, 1902, as shown in Table I. In bringing the figures for the various cities into comparison it will be noted that in some cities the number of marriages is largely in excess of what might naturally be expected. This in some cases is accounted for by the fact that the city is located near the border of another State in which the marriage-license laws are more exacting, and that many persons consequently repair to the city for the purpose of being married in order to secure the benefit of the more liberal conditions offered there. The reverse of these conditions accounts in some cases for the small number of marriages in other cities.

Table VI.-Deaths, by causes.-It was found during this investigation, by an examination of the various city reports, that in almost every city a different classification of the causes of death was used in making the official statement of deaths. It was apparent that these classifications, differing so widely, could not be used, inasmuch as the value of the data concerning this feature of city supervision consists mainly in the comparison afforded as to the number of deaths from the same cause in each of the eities investigated. In the first two reports on statistics of cities a uniform classification was of course adopted,
but as this was not entirely satisfactory for the purpose of comparison with other collections of statistics of mortality, the Department last year adopted a modified form of the Bertillon classification, which has been adhered to in the present report. This classification was officially approved and adopted by the International Congress of Hygiene and Demography in August, 1900, and is now being used by a number of cities in this country and by some States in the classification of their mortality statistics. As its more general adoption is probable, not only in this country, but abroad, it has been deemed wise to adopt this classification here. The full official nomenclature upon which the modified form is based has been published as a supplement to the Public Health Reports (Vol. XV, No. 49, December 7, 1900) by the United States Marine-Hospital Service of the Treasury Department.

The proportionately large number of deaths in some of the Southern cities is undoubtedly accounted for by the fact that the population is largely made up of colored people, among whom the death rate is much higher than among the white population. While no classification of deaths has been made as between white and colored in Table VI, it has been found possible to do so in the following series of short tables covering a number of cities having a large colored population. In these tables the figures for white and colored population upon which the results are based are computed on the basis of the proportion of each shown at the date of the Twelfth Census.
deaths and death rate per 1,000 population, by cause and color.
BALTMMORE, MTD.
[Population: White, 438,581; colored, 81,469; total, 520,000.]

| Cause of death. | White. |  | Colored. |  | Total. |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Deaths. | Death rate per 1,000. | Deaths. | Death rate per 1,000. | Deaths. | Death rate per 1,000. |
| Typhoid fever | 111 | 0.25 | 31 | 0.38 | 142 | 0.27 |
| Malaria....... | 20 | . 05 | 15 | . 18 | 35 | . 07 |
| Smallpox |  |  |  |  |  |  |
| Measles.. | 3 | . 01 |  |  | 3 | 01 |
| Scarlet fever | 11 | . 03 |  |  | 11 | . 02 |
| Whooping cough ............................ | 35 | . 08 | 28 | . 34 | 63 | . 12 |
| Diphtheria and croup . . . . . . . . . . . . . . . . . | 159 | . 36 | 12 | . 15 | 171 | . 38 |
| Grippe . . . . . . . . . . . . | 96 | . 22 | 32 | . 39 | 128 | . 25 |
| Dysentery. | 45 | . 10 | 4 | . 05 | 49 | . 09 |
| Other epidemic diseases . . . . . . . . . . . . . . | 45 | . 10 | 6 | . 07 | 51 | . 10 |
| Purulent and septicrmic infection...... | 28 | . 06 | 13 | . 16 | 41 | . 08 |
| Pulmonary tuberculosis.. | 781 | 1.78 | 357 | 4.38 | 1,138 | 2.19 |
| Other forms of tuberculosis. | 161 | . 37 | 89 | 1.09 | 250 | . 48 |
| Cancer ...... | 319 | . 73 | 89 | . 48 | 358 | . 69 |
| Other general diseases....................... | 170 | . 39 | 35 | . 43 | 205 | . 39 |
| Meningitis............ | 137 | . 31 | 27 | . 33 | 164 | . 31 |
| Cerebral congestion and hemorrhage.... | 309 | . 70 | 85 | 1.04 | 394 | . 76 |
| Paralysis.................................... | 127 | . 29 | 53 | . 65 | 180 | . 35 |
| Convulsions of infants..................... | 173 | . 39 | 59 | . 72 | 232 | . 45 |
| Other diseases of neryous system ......... | 145 | . 33 | 28 | . 34 | 173 | . 38 |
| Bronchitis, acute and chronic............ | 199 | . 45 | 95 | 1.17 | 294 | . 56 |
| Pneumonia and broncho-pneumonia.... | 760 | 1.73 | 387 | 4.75 | 147 | 2.21 |
| Other diseases of respiratory system ..... | 133 | . 30 | 42 | . 52 | 175 | . 34 |
| Organic heart disease..................... | 406 | . 93 | 127 | 1.56 | 533 | 1.02 |
| Other diseases of circulatory system..... | 190 | . 43 | 50 | . 61 | 240 | . 46 |
| Diarrhea and enteritis (under 2 years).. | 534 | 1.22 | 192 | 2.36 | 726 | 1.40 |
| Diarrhea and enteritis (2 years or over). | 75 | . 17 | 13 | . 16 | 88 | . 17 |

DEATHS AND DEATH RATE PER 1,000 POPULATION, BY CAUSE AND COLOR-Continued
BAETMMCOEE, MID-Concluded.

| Cause of death. | White. |  | Colored. |  | Total. |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Deaths. | Death rate per 1,000 . | Deaths. | Death rate per 1,000. | Deaths. | Deach rate per 1,000 |
| Hernia and intestinal obstruction..... | 79 | 0.18 | 11 | 0.14 | 90 | 0.17 |
| Heritonitis | 39 | . 09 | 9 | . 11 | 48 | .09 |
| Appendicitis. | 49 | . 11 | 8 | . 10 | 67 | . 11 |
| Other diseases of digestive system . . . . . . | 261 | . 60 | 46 | . 57 | 307 | . 59 |
| Bright's disease............................. | 461 | 1.05 | 149 | 1.83 | 610 | 117 |
| Other diseases of genito-urinary system. | 138 | . 32 | 44 | . 54 | 182 | . 35 |
| Puerperal septicæmia....................... | 44 | . 10 | 11 | . 14 | 55 | . 11 |
| Other puerperal diseases. | 47 | . 11 | 24 | . 30 | 71 | . 14 |
| Diseases of the skin and cellular tissue.. | 24 | . 06 | 9 | . 11 | 33 | . 06 |
| Diseases of locomotor system ............. | 18 | . 04 | 5 | . 06 | 23 | . 04 |
| Hydrocephalus .............................. |  |  |  |  |  |  |
| Other malformations ........................ | 15 | . 03 | 1 | . 01 | 16 | . 03 |
| Infantile diseases. | 645 | 1.47 | 290 | 3.56 | 935 | 1.80 |
| Senile debility ................................ | 328 | . 75 | 45 | . 55 | 373 | . 72 |
| Suicide ........................................ | 53 | . 12 | 4 | . 05 | 57 | . 11 |
| Accident.... | 381 | . 87 | 103 | 1.27 | 484 | . 93 |
| Ill-defined diseases | 102 | . 23 | 45 | . 55 | 147 | . 28 |
| Total................................... | 7,856 | 17.91 | 2,623 | 32.20 | 10,479 | 20.15 |

## NEW ORLEANS, LA.

[Population: White, 218,331; colored, 81,669; total, 300,000.]

| Typhoid fever | 100 | 0.46 | 41 | 0.50 | 141 | 0.47 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Malaria. | 70 | . 32 | 46 | 56 | 116 | . 39 |
| Smallpox | 11 | . 05 | 41 | 50 | 52 | . 17 |
| Measles.. |  |  | 1 | 01 | 1 | . 01 |
| Scarlet fever | 53 | . 24 | 9 | . 11 | 62 | . 21 |
| Whooping cough | 12 | . 06 | 10 | . 12 | 22 | . 07 |
| Diphtheria and croup | 35 | . 16 | 6 | . 07 | 41 | . 14 |
| Grippe . . . | 54 | . 25 | 23 | . 28 | 77 | . 26 |
| Dysentery | 54 | .25 | 22 | . 27 | 76 | . 25 |
| Other epidemic diseases | 18 | . 08 | 9 | . 11 | 27 | . 09 |
| Purulent and septicæmic infection | 40 | . 18 | 20 | . 25 | 60 | . 20 |
| Pulmonary tuberculosis...... | 457 | 2.09 | 429 | 5.25 | 886 | 2.95 |
| Other forms of tuberculosis. | 48 | . 22 | 37 | . 45 | 85 | . 28 |
| Cancer | 146 | . 67 | 60 | . 74 | 206 | . 69 |
| Other general diseases | 97 | . 44 | 36 | . 44 | 133 | . 44 |
| Meningitis . . . . . . . . . | 75 | . 34 | 40 | . 49 | 115 | . 38 |
| Cerebral congestion and hemorrhage.... | 179 | . 82 | 78 | . 96 | 257 | . 86 |
| Paralysis........................ | 35 | . 16 | 23 | . 28 | 58 | . 19 |
| Convulsions of infants. | 29 | . 13 | 38 | . 47 | 67 | . 22 |
| Other diseases of nervous system ........ | 129 | . 59 | 78 | :96 | 207 | . 69 |
| Bronchitis, acute and chronic............ | 70 | . 32 | 49 | . 60 | 119 | . 40 |
| Pneumonia and broncho-pneumonia | 263 | 1.21 | 222 | 2.72 | 485 | 1.62 |
| Other diseases of respiratory system..... | 44 | 20 | 30 | . 37 | 74 | . 25 |
| Organic heart disease. | 309 | 1.42 | 211 | 2.58 | 520 | 1.73 |
| Other diseases of circulatory system..... | 97 | . 44 | 40 | . 49 | 137 | . 46 |
| Diarrhea and enteritis (under 2 years) .. | 207 | . 95 | 93 | 1.14 | 300 | 1.00 |
| Diarrhea and enteritis (2 years or over).. | 73 | . 33 | 33 | . 40 | 106 | . 35 |
| Hernia and intestinal obstruction ...... | 38 | . 17 | 10 | . 12 | 48 | . 16 |
| Peritonitis | 17 | . 08 | 9 | . 11 | 26 | . 08 |
| Appendicitis. | 19 | . 09 | 6 | . 07 | 25 | . 08 |
| Other diseases of digestive system ........ | 149 | . 68 | 36 | . 44 | 185 | . 62 |
| Bright's disease........................... | 268 | 1.23 | 161 | 1.97 | 429 | 1.43 |
| Other diseases of genito-urinary system . | 55 | . 25 | 36 | . 44 | 91 | . 30 |
| Puerperal septicæmia....................... | 21 | . 10 | . 10 | .12 | 31 | . 10 |
| Other puerperal diseases................... | 20 | . 09 | 10 | . 12 | 30 | . 10 |
| Diseases of the skin and cellular tissue.. | 13 | . 06 | 10 | . 12 | 23 | . 07 |
| Diseases of locomotor system | 2 | . 01 | 4 | . 05 | 6 | . 02 |
| Hydrocephalus |  |  |  |  |  |  |
| Other malformations | 21 | . 10 | 11 | . 14 | 32 | . 11 |
| Infantile diseases | 99 | . 45 | 50 | . 61 | 149 | . 50 |
| Senile debility . | 189 | . 87 | 96 | 1.18 | 285 | 95 |
| Suicide........ | 28 | . 13 | 4 | . 05 | 32 | . 11 |
| Accident | 270 | 1.24 | 158 | 1.94 | 428 | 1.43 |
| Ill-defined diseases. | 123 | . 56 | 105 | 1.29 | 228 | . 76 |
| Total | 4,037 | 18. 49 | 2,441 | 29.89 | 6,478 | 21.59 |

DEATHS AND DEATH RATE PER 1,000 POPULATION, BY GAUSE AND COLOR-Continued. WASHINGTMN, D.C.
[Population: White, 197,223; colored, 89,777; total, 287,000.]

| Cause of death. | White. |  | Colored. |  | Total. |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Deaths. | $\begin{aligned} & \text { Death } \\ & \text { rate per } \\ & 1,000 . \end{aligned}$ | Deaths. | $\begin{aligned} & \text { Death } \\ & \text { rate per } \\ & 1,000 . \end{aligned}$ | Deaths. | $\begin{aligned} & \text { Death } \\ & \text { rate per } \\ & \mathbf{1 , 0 0 0} . \end{aligned}$ |
| Typhoid fever | 111 | 0.56 | 82 | 0.91 | 193 | 0.67 |
| Malaria .. | 21 | . 11 | 27 | . 30 | 48 | . 17 |
| Smallpox |  |  |  |  |  |  |
| Measles.. | 11 | . 06 | 6 | . 07 | 17 | . 06 |
| Scarlet fever. | 7 | . 04 |  |  | 7 | . 02 |
| Whooping cough | 26 | . 13 | 48 | . 53 | 74 | . 26 |
| Diphtheria and croup | 57 | . 29 | 29 | . 32 | 86 | . 80 |
| Grippe................. | 119 | . 60 | 62 | . 69 | 181 | . 63 |
| Dysentery | 15 | . 08 | 17 | . 19 | 32 | . 11 |
| Other epidemic diseases | 16 | . 08 | 7 | . 08 | 23 | . 08 |
| Purulent and septicæmic infection...... | 11 | . 06 | 8 | . 09 | 19 | . 07 |
| Pulmonary tuberculosis ................... | 395 | 2.00 | 476 | 5. 30 | 871 | 3. 03 |
| Other forms of tuberculosis................ | 35 | . 18 | 27 | . 30 | 62 | . 22 |
| Cancer.................................... | 137 | . 69 | 57 | . 64 | 194 | . 68 |
| Other general diseases. | 111 | . 56 | 31 | . 38 | 145 | . 50 |
| Meningitis.................................. | 84 | . 43 | 23 | . 26 | 107 | . 37 |
| Cerebral congestion and hemorrhage.... | 198 | 1.00 | 108 | 1.20 | 306 | 1.07 |
| Paralysis...................................... | 34 | . 17 | 17 | . 19 | 51 | . 18 |
| Convulsions of infants. | 36 | . 18 | 57 | . 64 | 93 | . 82 |
| Other diseases of nervous system | 137 | . 69 | 46 | . 51 | 183 | . 64 |
| Bronchitis, acute and chronic............ | 49 | . 25 | 66 | . 74 | 115 | . 40 |
| Pneumonia and broncho-pneumonia.... | 206 | 1.04 | 291 | 3.24 | 497 | 1.73 |
| Other diseases of respiratory system..... | 87 | . 44 | 50 | . 56 | 137 | . 48 |
| Organic heart disease...................... | 222 | 1.13 | 167 | 1.86 | 389 | 1.35 |
| Other diseases of circulatory system..... | 100 | . 51 | 45 | . 50 | 145 | . 50 |
| Diarrhea and enteritis (under 2 years) .- | 159 | . 81 | 211 | 2.35 | 370 | 1.29 |
| Diarrhea and enteritis (2 yearsorover).. | 58 | . 29 | 12 | . 13 | 70 | . 24 |
| Hernia and intestinal obstruction....... | 29 | . 15 | 11 | . 12 | 40 | . 14 |
| Peritonitis ................................... | 13 | . 07 | 10 | . 11 | 28 | . 08 |
| Appendicitis................................ | 18 | . 09 | 9 | . 10 | 27 | . 09 |
| Other diseases of digestive system....... | 124 | . 63 | 58 | . 65 | 182 | . 63 |
| Bright's disease.......................... | 178 | . 88 | 108 | 1.20 | 281 | . 98 |
| Other diseases of genito-urinary system. | 69 | . 35 | 68 | . 76 | 137 | . 48 |
| Puerperal septicremia....................... | 11 | . 06 | 8 | . 09 | 19 | . 07 |
| Other puerperal diseases.................. | 18 | . 09 | 18 | . 20 | 36 | . 13 |
| Diseases of the skin and cellular tissue.. | 16 | . 08 | 15 | . 17 | 31 | . 11 |
| Diseases of locomotor system . . . . . . . . . . | 4 | . 02 | 13 | . 15 | 17 | . 06 |
| Hydrocephalus . ............................ |  |  |  |  |  |  |
| Other malformations | 4 | . 02 | 4 | . 04 | 8 | . 03 |
| Infantile diseases | 216 | 1.09 | 205 | 2.28 | 421 | 1.47 |
| Senile debility . . . . . . . . . . . . . . . . . . . . . . . | 117 | . 59 | 60 | . 67 | 177 | . 62 |
| Suicide......................................... | 31 | . 16 | 7 | . 08 | 38 | . 13 |
| Accident. | 143 | . 72 | 83 | . 92 | 226 | . 79 |
| Ill-defined diseases | 2 | . 01 | 7 | . 08 | 9 | . 08 |
| Total................................... | 3,430 | 17.39 | 2,657 | 29.60 | 6,087 | 21.21 |

## LOUMSVILIE, KY.

[Population: White, 173,895; colored, 41,105; total, 215,000.]


DEATHS AND DEATH RATE PER 1,000 POPULATION, BY CAUSE AND COLOR-Continued.
HOUISVILHE, KY。-Concluded.

| Cause of death. | White. |  | Colored. |  | Total. |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Deaths. | Death rate per 1,000 . | Deaths. | Death rate per 1,000 . | Deaths. | Death rate per 1,000 . |
| Other diseases of respiratory system... | 89 | 0.51 | 20 | 0.49 | 109 | 0.51 |
| Organic heart disease.................. | 116 | . 67 | 61 | 1.48 | 177 | . 82 |
| Other diseases of circulatory system..... | 91 | . 52 | 41 | 1.00 | 132 | . 61 |
| Diarrhea and enteritis (under 2 years) -- | 95 | . 55 | 10 | . 24 | 105 | . 49 |
| Diarrhea and enteritis (2 years or over). | 9 | . 05 | 6 | . 15 | 15 | . 07 |
| Hernia and intestinal obstruction ....... | 32 | . 18 | 16 | . 39 | 48 | . 22 |
| Peritonitis..... | 28 | . 16 | 17 | . 41 | 45 | . 21 |
| Appendicitis.......... | 13 | . 07 | 2 | . 05 | 15 | . 07 |
| Other diseases of digestive system | 75 | . 43 | 23 | . 56 | 98 | . 46 |
| Bright's disease...................... | 135 | . 78 | 43 | 1.05 | 178 | . 83 |
| Other diseases of genito-urinary system. | 38 | . 22 | 6 | . 15 | 44 | . 21 |
| Puerperal septicæmia...................... | 4 | . 02 | 5 | . 12 | 9 | . 04 |
| Other puerperal diseases..................... | 38 | .22 | 2 | . 05 | 40 | . 19 |
| Diseases of the skin and cellular tissue.. | 4 | . 02 | 3 | . 07 | 7 | . 03 |
| Diseases of locomotor system | 5 | . 03 | 2 | . 05 | 7 | . 03 |
| Hydrocephalus ................ |  |  | 3 | . 07 | 3 | . 01 |
| Other mal formations... | 1 | . 01 |  |  | 1 | . 01 |
| Infantile diseases.... | 157 | .90 | 75 | 1. 82 | 232 | 1.08 |
| Senile debility | 169 | . 97 | 36 | . 88 | 205 | . 95 |
| Suicide ........ | 21 | . 12 | 5 | . 12 | 26 | . 12 |
| Accident...... | 112 | . 64 | 53 | 1.29 | 165 | . 77 |
| Ill-defined diseases | 8 | . 05 | 11 | . 27 | 19 | . 09 |
| Total. | 2,562 | 14.73 | 985 | 22. 75 | 3,497 | 16.27 |

MEMPRIS, TENN.
[Population: White, 55,032; colored, 52,468; total, 107,500.]

| Typhoid fever................................. | 26 | 0. 47 | 18 | 0.34 | 44 | 0.41 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Malaria...... | 44 | . 80 | 77 | 1.47 | 121 | 1.13 |
| Smallpox | 7 | .13 | 4 | . 08 | 11 | . 10 |
| Measles |  |  |  |  |  |  |
| Scarlet fever | 6 | . 11 |  |  | 6 | . 06 |
| Whooping cough. | 1 | . 02 | 1 | . 02 | 2 | . 02 |
| Diphtheria and croup | 5 | . 09 |  |  | 5 | . 05 |
| Grippe.. | 12 | . 22 | 26 | . 49 | 38 | . 35 |
| Dysentery | 18 | . 33 | 21 | . 40 | 39 | . 36 |
| Other epidemic diseases.................... | 8 | . 14 | 3 | . 06 | 11 | . 10 |
| Purulent and septicæmic infection ...... | 15 | . 27 | 12 | . 23 | 27 | . 25 |
| Pulmonary tuberculosis . . . . . . . . . . . . . . . | 89 | 1.62 | 150 | 2.86 | 239 | 2.22 |
| Other forms of tuberculosis................. | 13 | . 24 | 9 | . 17 | 22 | . 20 |
| Cancer. | 16 | . 29 | 20 | . 38 | 36 | . 33 |
| Other general diseases | 17 | . 31 | 14 | . 27 | 31 | . 29 |
| Meningitis............. | 21 | . 38 | 18 | . 34 | 39 | . 36 |
| Cerebral congestion and hemorrhage. | 18 | .33 | 11 | . 21 | ${ }_{29}$ | . 27 |
| Paralysis................... | 8 | . 14 | 14 | . 27 | 22 | . 20 |
| Convulsions of infants. | 1 | . 02 | 27 | . 51 | 28 | . 26 |
| Other diseases of nervous system | 12 | . 22 | 12 | . 23 | 24 | . 22 |
| Bronchitis, acuteand chronic... | 4 | . 07 | 21 | . 20 | 25 | . 23 |
| Pneumonia and broncho-pneumonia | 65 | 1.18 | 86 | 1.64 | 151 | 1.40 |
| Other diseases of respiratory system. | 9 | . 16 | 13 | . 25 | 22 | . 20 |
| Organic heart disease................. | 33 | . 60 | 16 | . 31 | 49 | . 46 |
| Other diseases of circulatory system | 8 | . 14 | 7 | .13 | 15 | . 14 |
| Diarrhea and enteritis (under 2 years)... | 65 | 1.18 | 26 | . 49 | 91 | . 85 |
| Diarrhea and enteritis (2 years or over).. | 22 | . 40 | 19 | . 36 | 41 | . 38 |
| Hernia and intestinal obstruction......... | 5 | . 09 | 6 | . 11 | 11 | . 10 |
| Peritonitis. | 17 | . 31 | 14 | . 27 | 31 | . 29 |
| Appendicitis ........... | 16 | . 29 | 2 | . 04 | 18 | . 17 |
| Other diseases of digestive system ....... | 19 | . 34 | 15 | . 29 | 34 | . 32 |
| Bright's disease.............................. | 74 | 1.34 | 55 | 1.05 | 129 | 1. 20 |
| Other diseases of genito-urinary system.. | 3 | . 06 | 3 | . 06 | 6 | . 06 |
| Puerperal septicxmia...................... | 6 | . 11 | 12 | . 23 | 18 | . 17 |
| Other puerperal diseases.................. | 4 | . 07 | 2 | . 04 | 6 | . 06 |
| Diseases of the skin and cellular tissue.. | 1 | . 02 | 2 | . 04 | 3 | . 03 |
| Diseases of locomotor system |  |  | 1 | . 02 | 1 | . 01 |
| Hydrocephalus ...... |  |  |  |  |  |  |
| Other malformations | 3 | . 06 |  |  | 3 | . 03 |
| Infantile díseases. | 18 | . 33 | 26 | . 49 | 44 | . 41 |
| Senile debility . | 24 | . 44 | 19 | .36 | 43 | . 40 |
| Suicide......... | 15 | . 27 | 1 | . 02 | 16 | . 15 |
| Accident | 83 | 1.51 | 92 | 1.75 | 175 | 1.63 |
| Ill-defined diseases. | 51 | . 93 | 169 | 3.22 | 220 | 2.05 |
| Total. | 882 | 16.03 | 1,044 | 19.90 | 1,926 | 17.92 |

DEATHS AND DEATH RATE PER 1,000 POPULATION, BY CAUSE AND COLOR-Continued.
ATHANTA, GA.
[Population: White, 56,574; colored, 37,426; total, $94,000$.

| Cause of death. | White. |  | Colored. |  | Total. |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Deaths. | $\begin{gathered} \text { Death } \\ \text { rate per } \\ \mathbf{1 , 0 0 0} . \end{gathered}$ | Deaths. | $\begin{gathered} \text { Death } \\ \text { rateper } \\ 1,0 \mathrm{O} . \end{gathered}$ | Deaths. | $\begin{gathered} \text { Death } \\ \text { rate per } \\ 1,000 . \end{gathered}$ |
| Typhoid fever | 27 | 0.48 | 31 | 0.83 | 58 | 0.62 |
| Malaria ....... | 1 | . 02 | 11 | . 29 | 12 | . 13 |
| Smallpox | 1 | . 02 |  |  | 1 | . 01 |
| Measles.. | 6 | . 11 | 12 | . 32 | 18 | . 19 |
| Scarlet fever | 18 | . 82 | 2 | . 05 | 20 | . 21 |
| Whooping cough | 4 | . 07 | 11 | . 29 | 15 | . 16 |
| Diphtheria and croup | 11 | . 19 | 13 | . 35 | 24 | . 26 |
| Grippe . . . . . . . . . . . | 19 | . 34 | 18 | . 48 | 37 | . 39 |
| Dysentery....................................... | 14 | . 25 | 13 | . 35 | 27 | . 29 |
| Other epidemic diseases................... | 5 | . 09 | 4 | . 11 | 9 | . 10 |
| Purulent and septicrmic infection...... | 12 | . 21 | 13 | . 35 | 25 | . 27 |
| Pulmonary tuberculosis . . . . . . . . . . . . . . . | 83 | 1.47 | 135 | 3.61 | 218 | 2.32 |
| Other forms of tuberculosis................ |  |  |  |  |  |  |
| Cancer. | 21 | . 37 | 13 | . 35 | 34 | . 36 |
| Other general diseases. | 19 | . 34 | 28 | . 75 | 47 | . 50 |
| Meningitis...... | 16 | . 28 | 17 | . 45 | 38 | . 35 |
| Cerebral congestion and hemorrhage | 53 | . 94 | 19 | . 51 | 72 | . 77 |
| Paralysis..................................... | 21 | . 37 | 39 | 1.04 | 60 | . 64 |
| Convulsions of infants. | 27 | . 48 | 36 | . 96 | 63 | . 67 |
| Other diseases of nervous system......... | 15 | . 26 | 13 | .35 | 28 | . 30 |
| Bronchitis, acute and chronic............ | 6 | . 11 | 23 | . 61 | 29 | . 31 |
| Pneumonia and broncho-pneumonia.... | 64 | 1.13 | 179 | 4.78 | 243 | 2.58 |
| Other diseases of respiratory system...... | 20 | . 35 | 8 | . 21 | 28 | . 30 |
| Organic heart disease . .-................... | 40 | . 71 | 52 | 1.39 | 92 | . 98 |
| Other diseases of circulatory system..... | 16 | . 28 | 22 | . 59 | 38 | . 40 |
| Diarrhea and enteritis (under 2 years).- | 22 | . 39 | 49 | 1.31 | 71 | . 76 |
| Diarrhea, and enteritis (2 years or over).- | 50 | . 88 | 38 | 1.01 | 88 | . 94 |
| Hernia and intestinal obstruction........ | 8 | . 05 | 8 | . 21 | 11 | . 12 |
| Peritonitis ..................................... | 14 | . 25 | 12 | . 32 | 26 | . 28 |
| Appendicitis.................................. | 3 | . 05 | 1 | . 03 | 4 | . 04 |
| Other diseases of digestive system....... | 23 | . 41 | 31 | . 83 | 54 | . 57 |
| Bright's disease............................. | 47 | . 83 | 17 | . 45 | 64 | . 68 |
| Other diseases of genito-urinary system. | 12 | . 21 | 11 | . 29 | 23 | . 24 |
| Puerperal septicæmia..... | 1 | . 02 | 1 | . 03 | 2 | . 02 |
| Other puerperal diseases .................. | 2 | . 03 | 3 | . 08 | 5 | . 05 |
| Diseases of the skin and cellular tissue.. | 2 | . 03 | 1 | . 03 | 3 | . 03 |
| Diseases of locomotor system. |  |  | 1 | . 03 | 1 | . 01 |
| Hydrocephalus..... | 1 | . 02 | 1 | . 03 | 2 | . 02 |
| Other malformations | 1 | . 02 | 1 | . 03 | 2 | . 02 |
| Infantile diseases. | 33 | . 58 | 50 | 1.33 | 83 | . 88 |
| Senile debility... | 7 | . 12 | 10 | . 27 | 17 | . 18 |
| Suicide ........ | 1 | . 02 | 1 | . 03 | 2 | . 02 |
| Accident | 45 | . 80 | 41 | 1.09 | 86 | . 91 |
| Ill-defined diseases | 58 | 1.02 | 98 | 2.62 | 156 | 1. 66 |
| Total. | 844 | 14.92 | 1,087 | 29.04 | 1,981 | 20.54 |

## RIOEMDOND,VA.

[Population: White, 57,112; colored, 34,888; total, 92,000.]


## DEATHS AND DEATH RATE PER 1,000 POPULATION, BY CAUSE AND COLOR-Continued.

RIOHMMOND, VA.-Concluded.

| Cause of death. | White. |  | Colored. |  | Total. |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Deaths. | Death rate per 1,000. | Deaths. | Death rate per 1,000. | Deaths. | Death rate per 1,000. |
| Other diseases of circulatory system. | 11 | 0.19 |  | 0.26 |  | 0.22 |
| Diarrhea and enteritis (under 2 years).. | 19 | . 38 | 29 | . 83 | 48 | . 52 |
| Diarrhea and enteritis (2 years or over). | 43 | . 75 | 24 | . 69 | 67 | . 73 |
| Hernia and intestinal obstruction....... | 9 | . 16 | 7 | . 20 | 16 | . 17 |
| Peritonitis.................... | 11 | . 19 | 3 | . 09 | 14 | . 15 |
| Appendicitis....................... | 3 | . 05 | 3 | . 09 | 6 | . 06 |
| Other diseases of digestive system.. | 29 | . 51 | 35 | 1.00 | 64 | . 70 |
| Bright's disease................ | 30 | . 53 | 25 | . 72 | 55 | . 60 |
| Other diseases of genito-urinary system. | 23 | . 40 | 16 | . 46 | 39 | . 42 |
| Puerperal septicxmia. | 2 | . 03 | 11 | . 32 | 13 | . 14 |
| Other puerperal diseases............... | 3 | . 05 | 4 | . 11 | 7 | . 08 |
| Diseases of the skin and cellular tissue.. | 3 | . 05 | 8 | . 23 | 11 | . 12 |
| Diseases of locomotor system ............. | 1 | . 02 |  |  |  | 01 |
| Hydrocephalus.i...... | 4 | . 07 |  | . 03 | 5 | 05 |
| Infantile diseases. | 28 | .49 | 48 | 1.38 | 76 | . 83 |
| Senile debility. | 38 | . 67 | 32 | . 92 | 70 | . 76 |
| Suicide .... | 1 | . 02 |  |  | 1 | . 01 |
| Accident........... | 40 | . 70 | 28 | ${ }^{.80}$ | 68 | . 74 |
| Ill-defined diseases | 26 | . 46 | 72 | 2.06 | 98 | 1.06 |
| Total. | 871 | 15.25 | 1,036 | 29.70 | 1,907 | 20.73 |

NASHVIL工E, TENN.
[Population: White, 51,082; colored, 30,288; total, 81,320.]

| Typhoid fev | 20 | 0.39 | 17 | 0.56 | 37 | 0.46 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Malaria... | 0 | . 18 | 17 | . 56 | 26 | . 32 |
| Smallpox. |  |  |  |  |  |  |
| Scarlet fever | 11 | . 22 |  |  | ii | . 14 |
| Whooping coug | 4 | . 08 | 3 | . 10 | 7 | . 09 |
| Diphtheria and cro | 11 | . 22 | 1 | . 03 | 12 | . 15 |
| Grippe.... | 13 | . 25 | 18 | . 60 | 31 | . 38 |
| Dysentery | 16 | . 31 | 12 | . 40 | 28 | . 35 |
| Other epidemic diseases | 2 | . 04 | 1 | . 03 | 3 | . 04 |
| Purulent and septicemic infection |  | . 04 | 8 | . 26 | 10 | . 12 |
| Pulmonary tuberculosis. | 94 | 1.84 | 127 | 4.20 | 221 | 2.72 |
| Other forms of tuberculosi | 11 | . 22 | 12 | . 40 | ${ }^{23}$ | . 28 |
| Cancer. | 27 | . 53 | 13 | . 43 | 40 | . 49 |
| Other general diseases | 21 | . 41 | 14 | . 46 | ${ }_{23}^{35}$ | - 2 |
| Meningitis.................... | 12 | . 23 | 11 | . 36 | 23 | 76 |
| Cerebral congestion,and hemorrhage | 36 | . 70 | 26 | . 86 |  | . 76 |
| Paralysis.....i | 17 | . 31 | 13 | . 48 | ${ }_{60} 80$ | . 74 |
| Convulsions of infants......... | 26 26 | . 51 | 34 13 | 1.12 .48 | 60 39 | . 74 |
| Bronchitis, acute and chronic. | 14 | . 27 | 17 | . 56 | 31 | . 3 |
| Pneumonia and broncho-pneumonia | 68 | 1.33 | 107 | 3.54 | 175 | 2.15 |
| Other diseases of respiratory system. | 14 | . 27 | 17 | . 56 | 31 | . 38 |
| Organic heart disease. | 41 | . 80 | 67 | 2.22 | 108 | 1. 33 |
| Other diseases of circulatory system. | 11 | . 22 | 3 | . 10 | 14 | . 17 |
| Diarrhea and enteritis (under 2 years). | 36 | . 70 | 39 | 1.29 | 75 | . 92 |
| Diarrhea and enteritis (2 years or over). | 18 | . 35 | 20 | . 66 | 38 | . 47 |
| Hernia and intestinal obstruction. | 8 | . 16 | 2 | . 07 | 10 | . 12 |
| Peritonitis ..... | 8 | . 16 | 14 | . 46 | 22 | . 27 |
| Appendicitis..... | 1 | . 02 |  |  | 18 | . 01 |
| Other diseases of digestive system... | 19 | . 37 | 19 | . 63 |  | 5 |
| Bright's disease . . . . . 7 O................... | 16 2 | . 04 | 4 | .18 | 6 | . 0 |
| Puerperal septicæmia..................... |  | . 08 |  |  | 4 | . 05 |
| Other puerperal diseases.. | 1 | . 02 | 7 | . 23 | 8 | .10 |
| Diseases of the skin and cellular tissue. | 1 | . 02 |  |  | 1 | . 01 |
| Diseases of locomotor system. |  |  |  |  |  |  |
| Other malformations | 1 | . 02 |  |  | 1 |  |
| Infantile diseases. | 72 | 1.41 | 70 | 2.32 | 142 | 1.75 |
| Senile debility . | 22 | . 43 | 26 | . 86 | 48 | . 59 |
| Suicide......... | 8 | . 06 | 3 | . 10 | 6 | $\cdot$ |
| Accident. | 30 | . 18 | 15 | . 93 | ${ }_{24}$ | 73 |
| Ill-defined diseases.. | 9 | . 18 | 15 | . 50 | 24 |  |
| Total. | $a 777$ | a 15.21 | b 810 | ${ }^{6} 26.79$ | c1,587 | c 19.52 |

a Not including 76 deaths of nonresidents.
$b$ Not including 5 deaths of nonresidents.
c Not including 81 deaths of nonresidents.

DEATHS AND DEATH RATE PER 1,000 POPULATION, BY CAUSE AND COLOR-Continued.
CHATBLESTON, S. C.
[ Population: White, 28,231; colored, 36,769; total, 65,000.]

| Cause of death. | White. |  | Colored. |  | Total. |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Deaths. | $\begin{gathered} \text { Death } \\ \text { rate per } \\ 1,000 . \end{gathered}$ | Deaths. | $\begin{gathered} \text { Death } \\ \text { rate per } \\ 1,000 . \end{gathered}$ | Deaths. | $\begin{aligned} & \text { Death } \\ & \text { rate per } \\ & 1,000 . \end{aligned}$ |
| Typhoid fever | 17 | 0.60 | 31 | 0.84 | 48 | 0.74 |
| Malaria....... | 12 | . 42 | 36 | . 98 | 48 | . 74 |
| Smallpox ....... |  |  |  |  |  |  |
| Measles......... |  |  |  |  |  |  |
| Scarlet fever... | 5 | . 18 | 1 | . 03 | 6 | . 09 |
| Whooping cough |  |  |  |  |  |  |
| Diphtheria and croup. | 5 | . 18 | 5 | . 14 | 10 | . 15 |
| Grippe . | 24 | . 85 | 17 | . 46 | 41 | . 63 |
| Dystentery.................................... | 4 | . 14 | 13 | . 35 | 17 | . 26 |
| Other epldemic diseases .................... | 4 | . 14 | 7 | . 19 | 11 | . 17 |
| Purulent and septicæmic infection...... | 5 | . 18 | 7 | . 19 | 12 | . 18 |
| Pulmonary tuberculosis . . . . . . . . . . . . . . . | 46 | 1.63 | 159 | 4.32 | 205 | 3.15 |
| Other forms of tuberculosis |  |  | 9 | . 24 | 9 | . 14 |
| Cancer...... | 18 | . 64 | 15 | . 41 | 33 | . 51 |
| Other general diseases. | 5 | . 18 | 26 | . 71 | 31 | . 48 |
| Meningitis......... | 1 | . 04 | 12 | . 33 | 13 | . 20 |
| Cerebral congestion and hemorrhage.... | 37 | 1.31 | 38 | 1.03 | 75 | 1.15 |
| Paralysis..... | 15 | . 53 | 16 | . 44 | 31 | . 48 |
| Convulsions of infants. | 3 | . 11 | 25 | . 68 | 28 | . 43 |
| Other diseases of neryous system . . . . . . . . | 17 | . 60 | 64 | 1.74 | 81 | 1.25 |
| Bronchitis, acute and chronic............ | 10 | . 35 | 13 | . 35 | 23 | . 35 |
| Pneumonia and broncho-pneumonia.... | 19 | .67 | 97 | 2.64 | 116 | 1. 78 |
| Other diseases of respiratory system..... | 6 | . 21 | 11 | . 30 | 17 | . 26 |
| Organic heart disease....................... | 4 | .14 | 46 | 1.25 | 50 | . 77 |
| Other diseases of circulatory system..... | 35 | 1.24 | 19 | . 52 | 54 | . 83 |
| Diarrhea and enteritis (under 2 years).. | 4 | . 14 | 17 | . 46 | 21 | . 33 |
| Diarrhea and enteritis (2 years or over).. | 44 | 1.56 | 108 | 2.94 | 152 | 2.34 |
| Hernia and intestinal obstruction....... | 2 | . 07 | 5 | . 14 | 7 | . 11 |
| Peritonitis..................................... | 1 | . 04 | 6 | . 16 | 7 | . 11 |
| Appendicitis................................ | 3 | . 11 | 4 | . 11 | 7 | . 11 |
| Other diseases of digestive system....... | 20 | . 71 | 49 | 1.33 | 69 | 1.06 |
| Bright's disease............................. | 58 | 2.05 | 147 | 4.00 | 205 | 3.15 |
| Other diseases of genito-urinary system. . | 7 | . 25 | 12 | . 33 | 19 | . 29 |
| Puerperal septicamia...................... | 1 | . 04 | 3 | . 08 | 4 | . 06 |
| Other puerperal diseases................ | 6 | . 21 | 8 | . 22 | 14 | . 22 |
| Diseases of the skin and cellular tissue.. | 2 | . 07 | 12 | . 33 | 14 | . 22 |
| Diseases of locomotor system ............. | 2 | . 07 | 2 | . 05 | 4 | . 06 |
| Hydrocephalus.... |  |  | 3 | . 08 | 3 | . 05 |
| Other malformations | 6 | . 21 | 48 | 1.17 | 49 | . 75 |
| Infantile diseases. | 15 | . 53 | 60 | 1.63 | 75 | 1.15 |
| Senile debility | 17 | . 60 | 28 | . 76 | 45 | . 69 |
| Suicide .. | 1 | . 04 |  |  | 1 | . 02 |
| Accident....... | 10 | . 35 | 42 | 1.14 | 52 | . 80 |
| Ill-defined diseases | 2 | . 07 | 16 | . 44 | 18 | . 28 |
| Total. | 498 | 17.46 | 1,232 | 33.51 | 1,725 | 26.54 |

SAVANNAEI, TA.
[Population: White, 29,842; colored, 32,158; total, 62,000.]

deaths and death rate per 1,000 population, by cause and color-Continued.
SAVANNATH, GA.-Concluded.

| Cause of death. | White. |  | Colored. |  | Total. |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Deaths. | $\begin{aligned} & \text { Death } \\ & \text { rate per } \\ & \text { 1,000. } \end{aligned}$ | Deaths. | $\begin{gathered} \text { Death } \\ \text { rate per } \\ 1,000 . \end{gathered}$ | Deaths. | $\begin{aligned} & \text { Death } \\ & \text { rate per } \\ & 1,000 . \end{aligned}$ |
| Other diseases of circulatory system | 13 | 0.44 | 7 | 0.22 | 20 | 0.32 |
| Diarrhea and enteritis (under 2 years).. | 3 | . 10 | 4 | . 13 | 7 | . 11 |
| Diarrhea and enteritis (2 years or over). | 24 | . 81 | 40 | 1.24 | 64 | 1.08 |
| Hernia and intestinal obstruction....... | 1 | . 08 | 1 | . 03 | 2 | . 03 |
| Peritonitis | 4 | . 13 | 10 | . 31 | 14 | . 23 |
| Appendicitis............ | 4 | . 18 |  |  | 4 | . 06 |
| Other diseases of digestive system....... | 28 | . 94 | 30 | . 93 | 58 | . 98 |
| Bright's disease.............................. | 41 | 1.37 | 44 | 1.37 | 85 | 1.37 |
| Other diseases of genito-urinary system. | 5 | . 17 | 2 | . 06 | 7 | . 11 |
| Puerperal septicemmia. . . . . . . . . . . . . . . . . | 2 | . 07 | 4 | . 13 | 6 | . 10 |
| Other puerperal diseases . . . . . . . . . . . . . . | 3 | . 10 | 12 | . 37 | 15 | . 24 |
| Diseases of the skin and cellular tissue.. | 4 | :13 | 3 | . 09 | 7 | . 11 |
| Diseases of locomotor system............. |  |  | 1 | . 03 | 1 | . 02 |
| Hydrocephalus .............................. |  |  | 2 | . 06 | 2 | . 03 |
| Other malformations . . . . . . . . . . . . . . . . . . | 8 | . 10 | 3 | . 09 | 6 | . 10 |
| Infantile diseases. | 38 | 1.27 | 48 | 1. 49 | 86 | 1.39 |
| Senile debility . | 20 | . 67 | 32 | 1.00 | 52 | . 84 |
| Suicide ... | 8 | . 27 | 1 | . 03 | 9 | . 14 |
| Accident. | 28 | . 94 | 87 | 1.15 | 65 | 1.05 |
| Ill-defined diseases | 8 | . 27 | 106 | 3.30 | 114 | 1.84 |
| Total.................................. | 544 | 18.23 | 893 | 27.77 | 1,437 | 23.18 |

## HITPLE ROCE, ARE.

[Population: White, 25,556; colored, 15,944; total, 41,500.]

| Typhoid fever | 11 | 0.43 | 17 | 1.07 | 28 | 0.68 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Malaria . | 14 | . 55 | 11 | . 69 | 25 | . 60 |
| Smallpox |  |  | 1 | . 06 | 1 | . 02 |
| Measles.. |  |  | 1 | 06 | 1 | . 02 |
| Scarlet fever.. | 5 | . 19 |  |  | 5 | . 12 |
| Whooping cough.. | 1 | . 04 | ${ }_{3}^{3}$ | . 19 | 4 | . 10 |
| Diphtheria and croup | ${ }_{13}^{2}$ | . 08 | 112 | . 13 | $\stackrel{4}{24}$ | . 10 |
| Dysenter |  |  |  |  |  |  |
| Other epidemic diseases | 6 | .23 | 2 | . 13 | 8 | .19 |
| Purulent and septicemic | 12 | . 47 | 2 | . 13 | 14 | . 34 |
| Pulmonary tuberculosis.. | 50 | 1.96 | 70 | 4.39 | 120 | 2.89 |
| Cancer .................. | 13 | . 51. |  | . 19 | 16 | . 89 |
| Other general diseases | 5 | .19 | 8 | . 51 | 13 | . 31 |
| Meningitis ............ | 14 | . 55 | 4 | . 25 | 18 | . 43 |
| Cerebral congestion and hemorrhage.... | 23 | .90 | 9 | . 56 | 32 | . 77 |
| Paralysis........................ | 5 | .19 | 7 | . 44 | 12 | . 29 |
| Convulsions of infants. |  |  | 5 | . 31 |  | . 12 |
| Other diseases of nervous system | 15 | . 59 | 5 | . 31 | 20 | . 48 |
| Bronchitis, acute and chronic. | 4 | . 16 | 5 | . 31 | 9 | . 22 |
| Pneumonia and broncho-pneumonia | 51 | 1.99 | 40 | 2.51 | 91 | 2.19 |
| Other diseases of respiratory system. | 14 | . 65 | 9 | . 56 | 23 | . 55 |
| Organic heart disease........ | 17 | . 61 | 9 | . 56 | 26 | . 63 |
| Other diseases of circulatory system..... | 8 | . 31 | 11 | . 69 | 19 | . 46 |
| Diarrhea, and enteritis (under 2 years).- | 16 | . 68 | 11 | . 69 | 27 | . 65 |
| Diarrhea and enteritis (2 years or over). | 18 | .70 | 12 4 4 | 1.38 .25 | $\stackrel{40}{8}$ | . 19 |
| Peritonitis ................. | 4 | . 16 | 2 | . 13 | 6 | . 14 |
| Appendicitis..................... | 4 | . 16 |  |  | 4 | . 10 |
| Other diseases of digestive system | 18 | . 70 | 7 | . 44 | 25 | . 60 |
| Bright's disease ........................ | 11 | . 48 | 7 | . 44 | 18 | . 43 |
| Other diseases of genito-urinary system.. | 1 | . 04 | 1 | . 06 | 2 | . 05 |
| Puerpera septicxmia...................... | 2 | . 08 | 2 | 13 | 4 | . 10 |
| Diseases of the skin and celiular tissue.. | 8 | .12 |  |  | 8 | . 07 |
| Diseases of locomotor system |  |  |  |  |  |  |
| Hydrocephalus ori.. | 3 | . 12 | 1 | . 06 | 4 | 10 |
| Infantile diseases... | $a 16$ | a. 63 | $a \cdot$ | a. 31 | a 21 | asi |
| Senile debility.. | 5 | .19 |  | .31 | 10 | . 24 |
| Suicide .......... |  |  |  |  |  |  |
| Accident | $\begin{aligned} & 18 \\ & 25 \end{aligned}$ | $.70 \mid .$ | ${ }_{33}^{28}$ | $\begin{array}{r} 1.76 \\ 2.07 \end{array}$ | $\begin{aligned} & 46 \\ & 58 \end{aligned}$ | $\begin{aligned} & 1.11 \\ & 1.40 \end{aligned}$ |
| Total.. | a 431 | a 16.86 | a 363 | a 22.77 | a 794 | a 19.18 |

$a$ Not including deaths from premature birth
-9398-No. 42-02-2

DEATHS AND DEATH RATE PER 1,000 POPULATION, BY CAUSE AND COLOR-Continued.

## AUGUSTA, GA.

[Population: White, 21,740; colored, 19,260; total, 41,000.]

| Cause of death. | White. |  | Colored. |  | Total. |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Deaths. | Death rate per 1,000. | Deaths. | Death rate per 1,000. | Deaths. | Death rate per 1,000. |
| Typhoid fever. | 6 | 0.28 | 9 | 0.47 | 15 | 0.37 |
| Malaria .... | 14 | . 64 | 29 | 1.51 | 43 | 1.05 |
| Smallpox |  |  | 1 | . 05 | 1 | . 03 |
| Measles | 3 | . 14 | , | . 10 | 5 | . 12 |
| Scarlet fever | 8 | . 37 | 2 | . 10 | 10 | . 24 |
| Whooping cough | 1 | . 05 | 2 | . 10 | 3 | . 07 |
| Diphtheriaand croup | 8 | . 37 | 3 | . 16 | 11 | . 27 |
| Grippe..... | 7 | . 82 | 12 | . 62 | 19 | . 46 |
| Dysentery............................... | 4 | . 18 | 6 | . 31 | 10 | . 24 |
| Other epidemic diseases.................. | 4 | . 18 | 2 | . 10 | 6 | . 15 |
| Purulent and septicæmic infection ...... | 3 | . 14 | 2 | . 10 | 5 | . 12 |
| Pulmonary tuberculosis .................. | 29 | 1.38 | 84 | 4.36 | 118 | 2.76 |
| Other forms of tuberculosis |  |  | 1 | . 05 | 1 | . 03 |
| Cancer | 8 | . 37 | 10 | . 52 | 18 | . 44 |
| Other general diseases | 10 | .46 | 29 | 1.51 | 39 | . 95 |
| Meningitis ........... |  |  | 10 | . 52 | 10 | . 24 |
| Cerebral congestion and hemorrhage.... | 9 | . 41 | 20 | 1.04 | ${ }_{80}^{29}$ | . 71 |
| Paralysis................................ | 13 | . 60 | 17 | . 89 | 30 | . 73 |
| Convulsions of infants.......... | 1 | . 05 | 115 | . 78 | 12 | . 29 |
| Bronchitis, acute and chronic.. | ${ }_{5}$ | . 23 | 5 | .26 | 10 | . 24 |
| Pneumonia and broncho-pneumonia.... | 16 | . 74 | 58 | 3.01 | 74 | 1.81 |
| Other diseases of respiratory system | 14 | . 64 | 13 | . 68 | 27 | . 66 |
| Organic heart disease..... | 4 | . 18 | 28 | 1.20 | 27 | . 66 |
| Other diseases of circulatory system..... | 5 | . 23 | 12 | . 62 | 17 | . 41 |
| Diarrhea and enteritis (under 2 years) .- | 6 | . 28 | 17 | . 89 | ${ }_{67} 2$ |  |
| Diarrhea and enteritis (2 years or over).. | 27 | 1.24 | 40 | 2.08 | 67 | 1.63 |
| Herniaand intestinal obstruction. |  |  | 11 | . 05 | 15 | . 37 |
| Peritonitis | 4 | . 18 | 11 | . 57 |  | . 37 |
| Other diseases of digestive system ......... | $\stackrel{1}{9}$ | . 41 | 26 | 1.35 1.35 | 85 | . 85 |
| Bright's disease ......................... | 17 | . 78 | 12 | . 62 | 29 | . 71 |
| Other diseases of genito-urinary system.- | 2 | . 09 | 8 | . 42 | 10 | . 24 |
| Puerperal septicemia.......... |  |  | 4 | . 21 | 4 | . 10 |
| Other puerperal diseases. | 2 | . 09 | 1 | . 05 | 3 | . 07 |
| Diseases of the skin and cellular tissue .. | 2 | . 09 | 2 | . 10 | 4 | . 10 |
| Diseases of locomotor system |  |  | 2 | . 10 | 2 | . 05 |
| Hydrocephalus | 1 | . 05 |  |  | 1 | . 03 |
| Other malformations |  |  | 1 | . 05 | 1 | . 03 |
| Infantile diseases. | 17 | . 78 | 47 | 2.44 | 64 | 1.66 |
| Senile debility Suicide. | 1 | . 05 | 6 | . 31 | 7 | . 17 |
| Accident. nll -defined diseases ................................. | $\begin{aligned} & 12 \\ & 31 \end{aligned}$ | $1.43$ | ${ }_{\mathbf{3 1}}^{\mathbf{1 1}}$ | $1.57$ | $\begin{aligned} & 23 \\ & 62 \end{aligned}$ | .56 1.51 |
| Total. | 817 | 14.58 | 600 | 31.15 | 917 | 22.37 |

BIRMINGFAM, ALA.
[Population: White, 23,301; colored, 17,699; total, 41,000.]

| Typhoid fever | 21 | 0.90 | 17 | 0.96 | 88 | 0.93 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Malaria -...... | 3 | . 18 | 3 | . 17 | 6 | . 15 |
| Smallpox |  |  |  |  |  |  |
| Measles | 1 | . 04 |  |  | 1 | . 02 |
| Scarlet fever | 11 | . 47 | 2 | . 11 | 13 | . 32 |
| Whooping cough |  |  |  |  |  |  |
| Diphtheria and croup. | 5 | .22 | 4 | . 23 | 9 | . 22 |
| Gripppe.................. |  |  | 4 | . 23 | 4 | . 10 |
| Dysentery............ | 8 | . 84 | 10 | . 56 | 18 | . 44 |
| Other epidemic diseases |  |  | 2 | . 11 | 2 | .05 |
| Purulent and septicamic infection...... | 4 | . 17 | 5 | . 28 | 9 | . 22 |
| Pulmonary tuberculosis .................... | 45 | 1.93 | 85 | 4.80 | 130 | 3.17 |
| Other forms of tuberculosis................. | 3 | . 13 | 2 | . 11 | 5 | . 12 |
| Cancer....... | 14 | . 60 | 6 | . 34 | 20 | . 49 |
| Other general diseases. | 10 | . 43 | 1 | . 06 | 11 | . 27 |
| Meningitis . . . . . . . . . . | 6 | . 26 | 6 | . 34 | 12 | . 29 |
| Cerebral congestion and hemorrhage.... | 17 | . 73 | 11 | . 62 | 28 | . 68 |
| Paralysis....................................... | \% | . 26 | 3 | . 17 | 9 | . 22 |
| Convulsions of infants...................... | 1 | . 04 | 7 | . 40 | 8 | . 20 |
| Other diseases of nervous system | 8 | . 84 | 12 | . 68 | 20 | . 49 |
| Bronchitis, acute and chronic ............. | 5 | . 22 | 8 | . 45 | 18 | . 32 |
| Pneumonia and broncho-pneumonia.... | 70 | 3.00 | 110 | 6.22 | 180 | 4.39 |

deaths and death rate per 1,000 population, by cause and color-continued.
EIREINNGYAM, ALA.-Concluded.

| Cause of death. | White. |  | Colored. |  | Total. |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Deaths. | Death rate per 1,000. | Deaths. | Death rate per 1,000. | Deaths. | Death rate per 1,000. |
| Other diseases of respiratory system. | 6 | 0.26 | 5 | 0.28 | 11 | 0.27 |
| Organic heart disease..................... | 17 | . 73 | 13 | . 73 | 30 | . 73 |
| Other diseases of circulatory system..... | 3 | . 13 | 7 | . 40 | 10 | . 24 |
| Diarrhea and enteritis (under 2 years).. | 3 | . 13 | 4 | . 23 | 7 | . 17 |
| Diarrhea and enteritis (2 years or over). | 19 | . 82 | 34 | 1.92 | 53 | 1. 29 |
| Hernia and intestinal obstruction ....... | 1 | . 04 | 3 | . 17 | 4 | 10 |
| Peritonitis ... | 7 | . 30 | 10 | . 56 | 17 | . 41 |
| Appendicitis.. | 3 | . 13 |  |  | 3 | . 07 |
| Other diseases of digestive system | 17 | . 73 | 15 | . 85 | 32 | . 78 |
| Bright's disease. | 19 | . 82 | 4 | . 23 | 23 | . 56 |
| Other diseases of genito-urinary system. | ${ }_{6}^{6}$ | . 26 | 9 | . 51 | 15 | . 37 |
| Puerperal septicemia.................... | 3 | . 13 | 2 | . 11 | 5 | . 12 |
| Other puerperal diseases...ii............ | 4 | . 17 | 7 2 | . 11 | 11 | . 10 |
| Diseases of locomotor system ............ | 1 | . 04 |  | . 11 | 1 | .02 |
| Hydrocephalus ..... |  |  |  |  |  |  |
| Other malformations |  |  |  |  |  |  |
| Infantile diseases | 22 | . 94 | 30 | 1.69 | 52 | 1.27 |
| Senile debility | 7 | . 30 |  | . 45 | 15 | . 37 |
| Suicide | 55 |  |  | 3.50 | 117 | 2.85 |
| Ill-defined diseases | 18 | . 77 | 44 | 2. 49 | 62 | 1.51 |
| Total. | 451 | 19.36 | 557 | 31.47 | 1,008 | 24.59 |

MORILE, ALA.
[Population; White, 21,586; colored, 17,214; total, 38,800.]

| Typhoid fever | 11 | 0.51 | 17 | 0.99 | 28 | 0.72 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Malaria ....... | 6 | . 28 | 20 | 1.16 | 26 | . 67 |
| Smallpox | 3 | . 14 |  | . .......... | 3 | . 08 |
| Measles.. |  |  |  |  |  |  |
| Scarlet fever | 7 | . 33 |  | .- | 7 | . 18 |
| Whooping cough | 1 | . 05 |  |  | 1 | . 03 |
| Diphtheria and croup | 2 | . 09 | 1 | .06 | 3 | . 08 |
| Grippe .. | 4 | . 18 | - 5 | . 29 | 9 | . 23 |
| Dysentery | 2 | . 09 | 6 | . 35 | 8 | . 21 |
| Other epidemic diseases | 4 | . 18 | 3 | . 17 | 7 | . 18 |
| Purulent and septicsmic | 5 | . 23 | 9 | . 52 | 14 | . 36 |
| Pulmonary tuberculosis. | 59 | 2.73 | 98 | 5. 69 | 157 | 4.05 |
| Other forms of tuberculosis. |  |  | 1 | . 06 | 1 | . 03 |
| Cancer ...... | 20 | . 93 | 6 | . 35 | 26 | . 67 |
| Other general diseases. | 10 | . 46 | 7 | . 41 | 17 | . 44 |
| Meningitis............... |  |  | 1 | . 06 | 1 | . 03 |
| Cerebral congestion and hemorrhage | 22 | 1.02 | 13 | .75 | 35 | . 90 |
| Paralysis.................. | 7 | . 33 | 11 | . 64 | 18 | . 46 |
| Convulsions of infants. | 8 | . 37 | 31 | 1.80 | 39 | 1.00 |
| Other diseases of nervous system | 19 | . 88 | 30 | 1.74 | 49 | 1.26 |
| Bronchitis, acute and chronic... | 4 | . 18 | 7 | . 41 | 11 | . 28 |
| Pneumonia and broncho-pneumonia | 16 | . 74 | 35 | 2.03 | 51 | 1.31 |
| Other diseases of respiratory system | 6 | . 28 | 7 | . 41 | 13 | . 33 |
| Organic heart disease............... | 20 | . 93 | 31 | 1.80 | 51 | 1.31 |
| Other diseases of circulatory system..... | 3 | . 14 | 5 | . 29 | 8 | . 21 |
| Diarrhea and enteritis (under 2 years).. | 6 | . 28 | 5 | . 29 | 11 | . 28 |
| Diarrhea and enteritis (2 years or over). | 12 | . 56 | 17 | . 99 | 29 | . 75 |
| Hernia and intestinal obstruction....... | 4 | . 18 | 2 | . 12 | 6 | . 15 |
| Peritonitis ........ | 4 | . 18 | 9 | . 52 | 13 | . 33 |
| Appendicitis.......................... | 1 | . 05 | 1 | . 06 | 2 | . 05 |
| Other diseases of digestive system........ | 17 | . 79 | 11 | . 64 | 28 | . 72 |
| Bright's disease . . . . . . . . . . . . . . . . . . . . . . | 50 | 2.32 | 33 | 1.92 | 83 | 2.14 |
| Other diseases of genito-urinary system. | 3 | . 14 | 6 | . 35 | 9 | . 23 |
| Puerperal septicremia.......... |  |  | 3 | . 17 | 3 | . 08 |
| Other puerperal diseases. | 3 | . 14 | 6 | . 35 | 9 | . 28 |
| Diseases of the skin and cellular tissue.. | 2 | . 09 | 1 | . 06 | 3 | . 08 |
| Diseases of locomotor system. |  |  |  |  |  |  |
| Hydrocephalus....... |  |  | 1 | . 06 | 1 | . 03 |
| Other malformations |  |  |  |  |  |  |
| Infantile diseases. | 14 | . 65 | 39 | 2.26 | 53 | 1. 37 |
| Senile debility .. | 14 | . 65 | 19 | 1.10 | 33 | . 85 |
| guicide ....... | 3 | . 14 |  |  | 3 | . 08 |
| Accident. | 19 | . 88 | 15 | . 87 | 34 | . 88 |
| Ill-defined diseases | 10 | . 46 | 17 | . 99 | 27 | . 70 |
| Total. | 401 | 18.58 | 529 | 30.73 | 980 | 23.97 |

DEATES AND DEATH RATE PER 1,000 POPULATION, BY CAUSE AND COLOR-Continued.

## KNDXVILIEE, THENN.

[Population: White, 26,721; colored, 7,779; total, 34,500.]

| Cause of death. | White. |  | Colored. |  | Total. |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Deaths. | Death rate per 1,000 . | Deaths. | $\begin{gathered} \text { Death } \\ \text { rate per } \\ 1,000 . \end{gathered}$ | Deaths. | Death rate per . 1,000 . |
| Typhoid fever | 13 | 0.49 | 5 | 0.64 | 18 | 0.52 |
| Malaria ....... | 2 | . 07 |  |  | 2 | . 06 |
| Smallpox ........................................ | 2 | . 07 | 2 | . 26 | 4 | . 12 |
| Measles .......................................... |  |  |  |  |  |  |
| Scarlet fever | 17 | . 64 | 4 | . 51 | 21 | . 61 |
| Whooping cough |  |  |  |  |  |  |
| Diphtheria and croup | 4 | . 15 | 4 | . 51 | 8 | . 23 |
| Grippe ............................................ | 6 | . 23 | 1 | . 13 | 7 | . 20 |
| Dysentery...................................... | 1 | . 04 | 1 | . 18 | 2 | . 06 |
| Other epidemic diseases . . . . . . . . . . . . . . |  |  | 1 | . 13 | 1 | . 03 |
| Purulent and septicemic infection...... | 1 | . 04 |  |  | 1 | . 03 |
| Pulmonary tuberculosis . . . . . . . . . . . . . . . | 69 | 2.58 | 59 | 7.58 | 128 | 3.71 |
| Other forms of tuberculosis . . . . . . . . . . . . . | 3 | . 11 | 1 | . 13 | 4 | . 12 |
| Cancer.. | 8 | . 30 | 2 | . 26 | 10 | . 29 |
| Other general diseases | 6 | . 23 | 14 | 1.80 | 20 | . 58 |
| Meningitis........... | 6 | . 23 |  |  | 6 | . 17 |
| Cerebral congestion and hemorrhage.... | 10 | . 37 | 1 | . 13 | 11 | . 82 |
| Paralysis...................................... | 4 | . 15 | 8 | 1.03 | 12 | . 35 |
| Convulsions of infants...................... | 3 | . 11 | 4 | . 51 | 7 | . 20 |
| Other diseases of nervous system ......... | 9 | .84 | 2 | . 26 | 11 | . 32 |
| Bronchitis, acute and chronic ............ | 7 | . 26 | 1 | . 13 | 8 | . 23 |
| Pneumonia and broncho-pnetumonia.... | 33 | 1.24 | 18 | 2.31 | 51 | 1.48 |
| Other diseases of respiratory system...... | 4 | . 15 | 3 | . 39 | 7 | . 20 |
| Organic heart disease . .................... | 18 | . 67 | 5 | . 64 | 23 | . 67 |
| Other diseases of circulatory system..... | 7 | . 26 | 5 | . 64 | 12 | . 35 |
| Diarrhea and enteritis (under 2 years).. | 10 | . 37 | 4 | . 51 | 14 | . 40 |
| Diarrhea and enteritis (2 years or over).. | 6 | . 23 |  |  | 6 | . 17 |
| Hernia and intestinal obstruction ....... |  |  | 1 | . 13 | 1 | . 03 |
| Peritonitis ................................... | 10 | . 37 | 2 | . 26 | 12 | .85 |
| Appendicitis................................. | 4 | . 15 |  |  | 4 | . 12 |
| Other diseases of digestive system....... | 18 | . 67 | 6 | . 77 | 24 | . 70 |
| Bright's disease.......................... | 15 | . 56 | 4 | . 51 | 19 | . 55 |
| Other diseases of genito-urinary system. . |  |  | 2 | . 26 | 2 | . 06 |
| Puerperal septicæmia....................... | 3 | . 11 | 3 | . 39 | 6 | . 17 |
| Other puerperal diseases. . |  |  |  |  |  |  |
| Diseases of the skin and cellular tissue.. |  |  |  |  |  |  |
| Diseases of locomotor system ............. | 1 | . 04 |  |  | 1 | . 03 |
| Hydrocephalus ...... |  |  |  |  |  |  |
| Other malformations |  |  |  |  |  |  |
| Infantile diseases | 16 | . 60 | 9 | 1.16 | 25 | . 72 |
| Senile debility | 10 | . 37 | 5 | . 64 | 15 | . 43 |
| Suicide... | 1 | . 04 | 1 | . 13 | 2 | . 06 |
| Accident............ | 15 | . 56 | 9 | 1.16 | 24 | . 70 |
| Ill-defined diseases | 17 | . 64 | 19 | 2.44 | 36 | 1.04 |
| Total. | 359 | 13.44 | 206 | 26.48 | 565 | 16.38 |

CHAMTEANDGA, TENN.
[Population: White, 18,075; colored, 13,925; total, 32,000.]

| Typhoid fever. | 9 | 0.50 | 18 | 0.93 | 22 | 0.69 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Malaria....... | 1 | . 05 | 6 | . 43 | 7 | . 22 |
| Smallpox | 1 | . 05 | 5 | . 36 | 6 | . 19 |
| Measles.. |  |  |  |  |  |  |
| Scarlet fever. | 2 | . 11 |  |  | 2 | . 06 |
| Whooping cough | 1 | . 05 | 1 | . 07 | 2 | . 06 |
| Diphtheria and croup | 7 | . 39 | 3 | . 22 | 10 | . 31 |
| Grippe.......... | 4 | . 22 | 5 | . 36 | 9 | . 28 |
| Dysentery.... | 3 | . 17 | 6 | . 43 | 9 | . 28 |
| Other epidemic diseases | 1 | . 05 |  |  | 1 | . 03 |
| Purulent and septicamic infec | 5 | . 28 | 4 | . 29 | 9 | . 28 |
| Pulmonary tuberculosis. | 29 | 1.61 | 50 | 3.59 | 79 | 2.47 |
| Other forms of tuberculosis. | 3 | . 17 | 4 | . 29 | 7 | . 22 |
| Cancer.................. | 12 | . 66 | 6 | . 43 | 18 | . 56 |
| Other general diseases.. | 9 | . 50 | 2 | . 14 | 11 | . 34 |
| Meningitis . . . . . . . . . . . | 6 | . 33 | 2 | . 14 | 8 | . 25 |
| Cerebral congestion and hemorrhage | 18 | 1.00 | 4 | . 29 | 22 | . 69 |
| Paraylsis............................... | 3 | . 17 | 6 | . 48 | 9 | . 28 |
| Convulsions of infants. | 2 | . 11 | 3 | . 22 | 5 | . 16 |
| Other diseases of nervous system. | 3 | . 17 | 6 | . 43 | 9 | . 28 |
| Bronchitis, acute and chronic... | 3 | . 17 | 6 | . 43 | 9 | . 28 |
| Pneumonia and broncho-pneumonia | 15 | . 83 | 17 | 1.22 | 32 | 1.00 |
| Other diseases of respiratory system. | 10 | . 55 | 5 | . 36 | 15 | . 47 |
| Organic heart disease.......... | 18 | . 72 | 9 | . 65 | 22 | . 69 |
| Other diseases of circulatory system. | 6 | :33 | 4 | . 29 | 10 | . 31 |
| Diarrhea and enteritis (under 2 Fears) | 16 | . 89 | 8 | . 57 | 24 | . 75 |

DEATHS AND DEATH RATE PER 1,000 POPULATION, BY CAUSE AND COLOR-Concluded. CHATMRANGOGA, TENN.-Concluded.

| Cause of death. | White. |  | Colored. |  | Total. |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Deaths. | Death rate per 1,000. | Deaths. | $\begin{gathered} \text { Death } \\ \text { rate per } \\ 1,000 . \end{gathered}$ | Deaths. | $\begin{gathered} \text { Death } \\ \text { rate per } \\ 1,000 . \end{gathered}$ |
| Diarrhea and enteritis (2 years or over). | 3 | . 17 | 1. | . 07 | 4 | . 18 |
| Hernia and intestinal obstruction....... |  |  |  |  |  |  |
| Peritonitis | 2 | . 11 | 5 | . 36 | 7 | .22 |
| Appendicitis.. | 1 | . 05 |  |  | 1 | . 08 |
| Other diseases of digestive system....... | 18 | 1.00 | 11 | . 79 | 29 | . 91 |
| Bright's disease.............................. | 12 | . 66 | 12 | . 86 | 24 | . 76 |
| Other diseases of genito-urinary system. | -1 | . 65 | 2 | . 14 | 3 | . 09 |
| Puerperal septicæmia....................... | 2 | . 11 |  |  | 2 | . 06 |
| Other puerperal diseases................... | 1 | . 05 |  |  | 1 | . 03 |
| Diseases of the skin and cellular tissue.. | 1 | . 05 |  |  | 1 | . 03 |
| Diseases of locomotor system |  |  |  |  |  |  |
| Hydrocephalus ..... |  |  |  |  |  |  |
| Other malformations |  |  |  |  |  |  |
| Infantile diseases. | 15 | . 83 | 24 | 1. 72 | 39 | 1. 22 |
| Senile debility... | 14 | . 78 | 3 | . 22 | 17 | . 53 |
| Suicide .......... | 1 | . 05 |  |  | 1 | . 03 |
| Accident. | 18 | 1.00 | 21 | 1. 51 | 39 | 1.22 |
| Ill-defined diseases. | 21 | 1.16 | 39 | 2.80 | 60 | 1.88 |
| Total. | 292 | 16.15 | 293 | 21.04 | 585 | 18.28 |

MONTCGOMEERY, AKA.
[Population: White, 13,600; colored, 17,900; total, 3i,500.]

| Cause of death. | White. |  | Colored. |  | Total. |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Deaths. | Death rate per 1,000. | Deaths. | $\begin{aligned} & \text { Death } \\ & \text { rate per } \\ & \mathbf{1 , 0 0 0 .} \end{aligned}$ | Deaths. | Death rate per 1,000. |
| Typhoid fever | 4 | 0.29 | 4 | 0.22 | 8 | 0.26 |
| Malaria ...... | 3 | . 22 | 7 | . 39 | 10 | . 82 |
| Smallpox | 1 | . 07 |  |  | 1 | . 08 |
| Measles.. |  |  |  |  |  |  |
| Scarlet fever | 6 | . 44 | 1 | . 06 | 7 | . 22 |
| Whooping cough |  |  |  |  |  |  |
| Diphtheria and croup. | 2 | . 15 |  |  | 2 | . 06 |
| Grippe ................. | 8 | . 22 | 1 | . 06 | 4 | . 13 |
| Dysentery...................................... | 2 | . 15 | 4 | . 22 | 6 | . 19 |
| Purulent and septicamic infection |  |  | 2 | .11 | 2 | . 06 |
| Pulmonary tuberculosis ....... | 12 | . 88 | 36 | 2.01 | 48 | 1. 52 |
| Other forms of tuberculosis | 3 | . 22 | 3 | .17 | 6 | . 19 |
| Cancer .............. | 2 | . 15 | 3 | . 17 | 5 | . 16 |
| Other general diseases | 6 | . 44 | 2 | . 11 | 8 | . 26 |
| Meningitis........... |  |  | 4 | . 22 | 4 | . 13 |
| Cerebral congestion and hemorrhage ... | 3 | . 22 | 2 | . 11 | 5 | . 16 |
| Paralysis.................................... | 2 | . 15 | 5 | . 28 | 7 | . 22 |
| Convulsions of infants. |  |  | 6 | . 84 | 6 | . 19 |
| Other diseases of nervous system | 11 | . 81 | 8 | . 45 | 19 | . 60 |
| Bronchitis, acute and chronic.. | 1 | . 07 | 3 | . 17 | 4 | . 13 |
| Pneumonia and broncho-pneumonia.... | 14 | 1.03 | 16 | . 89 | 30 | . 95 |
| Other diseases of respiratory system. | 1 | . 07 | 7 | . 39 | 8 | . 26 |
| Organic heart disease........ | 18 | 1.32 | 11 | . 61 | 29 | . 92 |
| Other diseases of circulatory system..... |  |  |  |  |  |  |
| Diarrhea and enteritis (under 2 years) .. | 10 | . 74 | 12 | . 67 | 22 | . 70 |
| Diarrhea and enteritis (2 years or over).. | 11 | . 81 | 4 | . 22 | 15 | . 48 |
| Hernia and intestinal obstruction........ | 1 | . 07 | 1 | .06 | 2 | .06 |
| Peritonitis .:................................... | 2 | . 15 | 1 | . 06 | 3 | . 10 |
| Appendicitis................................ | 1 | . 07 | 1 | . 06 | 2 | . 06 |
| Other diseases of digestive system . . . . . . . | 18 | . 96 | 9 | . 50 | 22 | . 70 |
| Bright's disease ............................. | 11 | . 81 | 8 | . 45 | 19 | . 60 |
| Other diseases of genito-urinary system. | 10 | . 74 |  |  | 10 | . 32 |
| Puerperal septicæmia.. |  |  |  |  |  |  |
| Other puerperal diseases.. |  |  |  |  |  |  |
| Diseases of the skin and cellular tissue.. |  |  |  |  |  |  |
| Diseases of locomotor system . . . . . . . . . . | 1 | . 07 |  |  | 1 | . 03 |
| Hydrocephalus ......... |  |  | 2 | . 11 | 2 | . 06 |
| Other malformations |  |  |  |  |  |  |
| Infantile diseases. | 3 | . 22 | 5 | . 28 | 8 | . 26 |
| Senile debility. | 5 | . 87 | 10 | . 56 | 15 | . 48 |
| Suicide ...... | 2 | . 15 |  |  | 2 | . 06 |
| Accident.... | 8 | . 69 | 11 | . 61 | 19 | . 60 |
| Ill-defined diseases | 3 | . 22 | 17 | . 95 | 20 | . 63 |
| Total. | 175 | 12.87 | 206 | 11.51 | 381 | 12.10 |

The following table summarizes the results as to the deaths of white and colored persons in the cities investigated, so far as data were obtainable. The entire lack of record as to the color of decedents accounts for the omission of many cities from this table.

TOTAI DEATHS, BY COLOR.

| Cities. | White. |  | Colored. |  | Total. |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Number. | Death rate per 1,000 . | Number. | Death rate per 1,000. | Number. | Death rate per 1,000 . |
| New York, N. Y | 68,793 | 19.58 | 1,927 | 27.46 | 70,720 | 19.73 |
| Chicago, Ill..... | 23,719 | 13.43 | 687 | 20.62 | 24,406 | 13.56 |
| Philadelphia, Pa | 22,483 | 17.72 | 1,654 | 25.08 | 24,137 | 18.08 |
| St. Louis, Mo | 9,428 | 16.90 | 1,173 | 91.63 | 10,601 | 17.82 |
| Boston, Mass. | 11,008 | 19.64 | 292 | 22.29 | 11,300 | 19.70 |
| Baltimore, Md | 7,856 | 17.91 | 2,623 | 32.20 | 10,479 | 20.15 |
| Cleveland, Ohio | 5,713 | 14.89 | 121. | 19.40 | 5,834 | 14.96 |
| Buffalo, N. Y | 5,317 | 14.44 | 43 | 22.74 | 5,860 | 14.49 |
| Cincinnati, Ohio | 5,689 | 17.51 | 466 | 36.81 | 6, 155 | 18. 10 |
| Pittsburg, $\mathbf{P a}$ | 6,107 | 19.35 | 485 | 27.20 | 6,592 | 19.77 |
| New Orleans, La | 4,037 | 18.49 | 2,441 | 29.89 | 6,478 | 21.69 |
| Detroit, Mich ... | 4,416 | 14.94 | 97 | 22.37 | a4,513 | a 15.04 |
| Milwaukee, Wis | 3,818 | 12.87 | 15 | 16.27 | 3,833 | 12.88 |
| Washington, D. | 3,430 | 17.39 | 2,657 | 29.60 | 6,087 | 21.21 |
| Newark, N. J. | 4,612 | 18.61 | 194 | 26.89 | 4,806 | 18.85 |
| Jersey City, N. | 3,995 | 19.07 | 47 | 11.53 | 4,042 | 18.93 |
| Louisville Ky . | 2,562 | 14.73 | 935 | 22.75 | 3,497 | 16.27 |
| Minneapolis, Min | 2,495 | 11.98 | 15 | 9.12 | 2,510 | 11.95 |
| Providence, R . I | 3,296 | 19.07 | 148 | 28.69 | 3,444 | 19.35 |
| Indianapolis, Ind | 2,242 | 13.56 | 387 | 19.57 | 2,579 | 14.13 |
| Kansas City, Mo | 2,247 | 14.60 | 426 | 22.89 | 2, 673 | 15.50 |
| St. Paul, Minn | 1,778 | 10.61 | 27 | 11.25 | 1,805 | 10.62 |
| Rochester, N. Y | 2,460 | 14.53 | 7 | 10.90 | 2, 467 | 14.51 |
| Denver, Colo.. | 2,652 | 19.56 | 80 | 18.00 | 2,732 | 19.51 |
| Toledo, Ohio. | 1,672 | 11.30 | 41 | 20.68 | 1,713 | 11.42 |
| Allegheny, Pa | 2,306 | 17.80 | 119 | 34.75 | 2,425 | 18.23 |
| Columbus, Ohio | 1,381 | 11.15 | 166 | 19.12 | 1,647 | 11.68 |
| Worcester, Mass | 1,979 | 16. 52 | 19 | 15.31 | 1,998 | 16. 51 |
| Syracuse, N . Y.. | 1,567 | 13.10 | 17 | 14.42 | 1,574 | 13.12 |
| New Haven, Con | 1,920 | 17.63 | 55 | 17.75 | 1,975 | 17.68 |
| Paterson, N. J | 1,775 | 16.71 | 33 | 24.59 | 1,808 | 16.81 |
| Fall River, Mass | 2,132 | 20.00 | 11 | 26.63 | 2,148 | 20.03 |
| Omaha, Nebr | 975 | 9.18 | 60 | 15.78 | 1,035 | 9.41 |
| Los Angeles, Cal | 1,869 | 17.75 | 116 | 24.58 | 1,985 | 18.05 |
| Memphis, Tenn | 882 | 16.03 | 1,044 | 19.90 | 1,926 | 17.92 |
| Albany, N. Y | 1,736 | 17.58 | 23 | 18. 21 | 1,759 | 17.59 |
| Cambridge, Mass | 1,487 | 16.53 | 87 | 21.18 | 1,574 | 16.73 |
| Atlanta, Ga | 844 | 14.92 | 1,087 | 29.04 | 1,981 | 20.54 |
| Grand Rapids, Mich | 1,134 | 12.02 | 6 | 9.02 | 1,140 | 12.00 |
| Dayton, Ohio. | 1,165 | 13.48 | 62 | 17.24 | 1,227 | 13.63 |
| Richmond, Va | 871 | 15. 25 | 1,086 | 29.70 | 1,907 | 20.73 |
| Nashville, Tenn | b 777 | ${ }^{6} 15.21$ | c 810 | c 26.79 | d1,587 | d 19.52 |
| Hartford, Conn | 1,154 | 14. 50 | 44 | 21.38 | 1,198 | 14.68 |
| Reading, Pa.... | 1,341 | 16.47 | 18 | 31.69 | 1,359 | 16.57 |
| Wilmington, Del | 1,138 | 16.62 | 266 | 26.54 | 1,404 | 17.89 |
| Camden, N.J ... | 1,236 | 16.69 | 120 | 20.17 | 1,356 | 16.95 |
| Trenton, N.J. | 1,177 | 16.17 | 54 | 24.46 | 1,281 | 16.41 |
| Bridgeport, Conn | 1,197 | 15. 82 | 27 | 20.39 | 1,224 | 15.90 |
| Lynn, Mass. | 1,002 | 14.49 | 18 | 20.76 | 1,020 | 14. 57 |
| Oakland, Cal. | 1,009 | 13.90 | 39 | 16.03 | 1,048 | 13.97 |
| New Bedford, Mass | 1,186 | 18. 51 | 50 | 26.15 | 1,236 | 18.73 |
| Des Moines, Iowa | 713 | 10.47 | 27 | 14.28 | 740 | 10.67 |
| Springfield, Mass. | 911 | 14. 26 | 22 | 19.67 | 983 | 14.35 |
| Somerville, Mass. | 829 | 13.10 | 2 | 9.35 | 831 | 13.09 |
| Troy, N, Y. | 1,644 | 22.06 | 18 | 34.29 | 1,662 | 22.14 |
| Hoboken, N.J. | 1,154 | 18.97 | 3 | 17.75 | 1,157 | 18.97 |
| Evansville, Ind | , 610 | 11.61 | 135 | 17.59 | 1,745 | 12.38 |
| Utica, N. Y | 1,020 | 17.66 | 11 | 43.48 | 1,031 | 17.78 |
| Peoria, Ill. | 776 | 13.27 | 15 | 9.91 | 791 | 13.18 |
| Charleston, S. C | 493 | 17.46 | 1,232 | 33.51 | 1,725 | 26.54 |
| Savannah, Ga.... | 544 | 18.28 | - 898 | 27.77 | 1,437 | 23.18 |
| Salt Lake City, Utah | $\begin{array}{r}688 \\ \hline 1.096\end{array}$ | 11.98 | 18 159 | 32.32 | 706 1.255 | 12.17 |
| San Antonio, Tex | 1,096 | 23.03 | 159 | 20.10 | 1,255 | 22.61 |
| Duluth, Minn | 719 | 12.94 | 6 | 13.45 | 725 | 12.95 |
| Erie, Pa ....... | 808 | 14.76 | 3 | 11. 49 | 811 | 14.75 |
| Elizabeth, N.J .. | 961 | 17.87 | 5 | 4.06 | 966 | 17.56 |

[^0]TOTAL DEATHS, BY COLOR-Concluded

| Cities. | White. |  | Colored. |  | Total. |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Number. | Death rate per 1,000. | Number. | Death rate per 1,000 . | Number. | $\begin{gathered} \text { Death } \\ \text { rate per } \\ 1,000 . \end{gathered}$ |
| Kansas City, Kans | 682 | 14.33 | 176 | 25.49 | 858 | 15,47 |
| Harrisburg, Pa.... | 679 | 13.45 | 40 | 8.85 | 719 | 13.07 |
| Yonkers, N. Y | a 786 | $a 15.76$ | 22 | 19.59 | 808 | 15.84 |
| Norfolk, Va. | 468 | 15.07 | 607 | 25.34 | 1,075 | 19.55 |
| Fort Wayne, Ind | 628 | 12. 39 | 3 | 9.01 | 1,631 | 12.37 |
| Youngstown, Ohio | 684 | 13.97 | 17 | 16.50 | b 701 | b14.02 |
| Houston, Tex | 503 | 14.98 | 359 | 21.87 | 862 | 17.24 |
| Covington, Ky | 963 | 23.51 | 84 | 33.11 | 1,047 | 24.07 |
| Akron, Ohio... | 471 | 10.60 | 8 | 14.41 | 1,479 | 10.64 |
| Dallas, Tex. | 628 | 15.95 | 244 | 22.96 | 872 | 17.44 |
| Saginaw, Mich | 607 | 18.60 | 4 | 10.72 | 611 | 13.58 |
| Lancaster, Pa | 582 | 14.31 | 10 | 12.64 | 592 | 14.28 |
| Lincoln, Nebr. | 390 | 9.37 | 16 | 17.90 | 406 | 9.55 |
| Brockton, Mass | 517 | 12.27 | 6 | 15.87 | 523 | 12.31 |
| Binghamton, N. Y | 749 | 18.50 | 6 | 11.49 | 755 | 18.41 |
| Augusta, Gra.. | 317 | 14. 58 | 600 | 31.15 | 917 | 22.37 |
| Pawtucket, R.I | 662 | 16.38 | 5 | 23.92 | 667 | 16.42 |
| Wheeling, W. Va | 650 | 16.71 | 33 | 29.86 | 683 | 17.08 |
| Mobile, Ala .. | 401 | 18.58 | 529 | 30.73 | 930 | 23.97 |
| Birmingham, Ala | 451 | 19.36 | 657 | 31.47 | 1,008 | 24.59 |
| Little Rock, Ark | 481 | 16.86 | 363 | 22.77 | 6794 | b19.13 |
| Springfield, Ohio | 383 | 10.77 | 75 | 16.85 | 458 | 11.45 |
| Galveston, Tex. | 403 | 18.48 | 172 | 27.77 | 575 | 20.54 |
| Tacoma, Wash | 464 | 12.00 | 10 | 7.68 | b 474 | b11.85 |
| Terre Haute, Ind | 667 | 17.40 | 30 | 18.01 | 697 | 17.43 |
| Dubuque, Iowa | 441 | 11. 80 | 3 | 24.79 | 444 | 11.84 |
| Quincy, Ill ..... | 557 | 115. 63 | 52 | 24.33 | 609 | 16.08 |
| South Bend, Ind | 493 | 11.74 | 10 | 14.22 | 503 | 11.78 |
| Johnstown, Pa.. | 647 | 16.32 | 10 | 27.78 | 657 | 16.43 |
| Davenport, Iowa | 519 | 14.42 | 11 | 21.61 | 530 | 14.52 |
| McKeesport, Pa | 618 | 16.85 | 34 | 41.31 | 652 | 17.39 |
| Springfield, Inl | 554 | 16.47 | 68 | 28.89 | 622 | 17.28 |
| Chelsea, Mass. | 560 | 16.25 | 17 | 21.04 | 577 | 16.36 |
| Chester, Pa... | 465 | 15.28 | 70 | 15.34 | 535 | 15.29 |
| York, Pa ..... | 449 | 12. 42 | 15 | 17.54 | 464 | 12.54 |
| Malden, Mass | 474 | 13.87 | 12 | 24.74 | 486 | 14.02 |
| Topeka, Kans. | 505 | 17.08 | 109 | 22.07 | 614 | 17.80 |
| Newton Mass . | 429 | 12.01 | 5 | 8.21 | 484 | 11.94 |
| Knoxville, Tenn | 359 | 13. 44 | 206 | 26.48 | 565 | 16.38 |
| Schenectady, N. Y | 603 | 16.16 | 3 | 16.48 | 606 | 16.16 |
| Fitchburg, Mass. . | 468 | 14.67 | 1 | 10.75 | 469 | 14.66 |
| Montgomery, Ala | 175 | 12.87 | 206 | 11.51 | 881 | 12.10 |
| Auburn, N.Y.... | 412 | 11.98 | 14 | 22.88 | 426 | 12.17 |
| Chattanooga, Tenn | 292 | 16.15 | 293 | 21.04 | 585 | 18.28 |
| East St. Louis, Ill. . . . . | 411 | 12.51 | 28 | 13.08 | 439 | 12.54 |

a Including 1 Chinese.
6 Not including deaths from premature birth.
Table VII.-Persentage of deaths from each specified cause.-This table is based on Table VI, and shows for each city what percentage of the total deaths during the year was caused by typhoid fever, what by malaria, what by smallpox, and what by each of the remaining causes enumerated in Table VI.

Table VIII.-Death rate per 1,000 population, by causes.-This table is also based on Table VI, and shows for each city the number of deaths per 1,000 population from each specified cause.

Table IX.-Death rate per 1,000 population.-This table is based partly on Table VI. The population of each city as estimated by the health department, which furnishes the basis of the calculation as to the official death rate, is given in the first column of the table. This is followed by a column showing the official death rate of each city as calculated by the health officers of the same. The estimated popula-
tion January 1, 1902, is next brought forward from Table I, and immediately following this is given the death rate calculated on the basis of these figures. In most cases these do not differ greatly from the figures used by the health officers themselves. Stillbirths are not included in the calculations of death rates. As stated in connection with Table VI, the high death rate of some Southern cities is explained by the fact that their population consists largely of colored people, among whom the death rate is much higher than among whites, as shown by the series of short tables given there.

Table $X$. -A rea of public parks and miles of streets, severs, and street railways.-In this table is shown the area of all parks and gardens open for the free use of the public, whether owned by the municipality or by a private individuai or corporation, and also the number of miles of streets in each of the cities paved with cobblestones, granite and belgian blocks, bricks, wooden blocks, asphalt and asphalt blocks, macadam, and gravel. The number of miles of all other kinds of pavement is aggregated in a single column, and this is followed by the total miles of streets paved in each city and the miles of streets unpaved. There are also shown data relative to the number of miles of sewers in each city, classified as to whether constructed of brick, tile, or other material, and the miles of single track of street railways, together with the number of persons employed by the companies operating the same.

Table XI.-Care of streets, food and sanitary inspection, and disposal of garbage and other refuse.-This table deals with the provision made by each city for the care of its streets and the disposal of its garbage. The table shows whether the streets are swept by hand, by machine, or by both hand and machine, and the number of square yards of streets swept per week. The figures given show the total amount of sweeping done per week measured in square yards, and do not indicate, therefore, the total area swept, which would in most cases be considerably less, inasmuch as many of the streets are swept more than once a week. Next follow columns showing the average number of persons employed in sweeping and sprinkling the streets by the cities themselves and by contractors. The next two columns show the number of food and sanitary inspectors employed by each city, while the two immediately following show the tons of ashes disposed of by the cities and by contractors. The table further shows the tons of garbage, dead animals, and other refuse sold, burned, or otherwise disposed of in these cities, the quantities disposed of by the cities themselves and by contractors being given separately. These columns are followed by those in which are given the average number of persons employed in the removal of ashes, garbage, and other refuse.

Table XII.-Number and kind of street lights.-This table shows the number of arc and incandescent electric lights, the number of Welsbach and other gas lights, and the number of vapor lamps and oil lamps which are in use in the streets, alleys, and public parks of the various cities. Lights inside public buildings are not included.

Table XIII.-Public schools.-This table shows, first, the number of buildings in each city in which public schools are conducted, classified as to whether owned or rented by the city. Next is shown the number of schoolrooms-that is, the number of rooms used for seating or recitation purposes-classified as to whether in owned or in rented buildings. The number of high schools is next shown, and all such schools are included, whether conducted in a building used exclusively for that purpose or in a building in connection with the other public-school grades. These data are followed by the number of teachers and the number and average daily attendance of pupils, separately classified as to whether in high schools, in kindergartens, in other regular day schools, in night schools, or in other public schools. The number of pupils as shown here means the total number of different pupils registered during the year. All pupils that have been transferred from one school to another, and whose names consequently appear on two or more registers, have been counted but once.

Table XIV.-Public libraries.-In this table are shown the facts relating to public libraries owned and controlled by the various cities, together with information as to the number of volumes in the same, the number of volumes added during the year, the number of volumes withdrawn for home use, and the number withdrawn for use in the reading rooms of the library during the period covered by the report. Libraries, the titles of which are vested in self-perpetuating boards of trustees, etc., and which are practically free city libraries, have been included. In the report for September, 1900, data were also given as to libraries under other than municipal ownership and control. It has not been thought necessary, however, to cover such institutions each year, and data relating to the same have not been secured for the succeeding reports.

Table XV.-Charities: Almshouses, orphan asylums, and hospitals.In the first annual report on statistics of cities data on this subject were presented for municipal institutions only; that is, those institutions which were supported or controlled by the municipality itself. In many of the cities which were included in the report, however, institutions of a similar character were found under the control of and supported by the town, county, or State, or by private contributions. In some cases such institutions existed in cities which did not themselves provide such aid. In most cases these private or semiprivate institutions were open to those unable to support themselves or secure proper medical aid and other attention. In many cases
private institutions were found in which free service was given to those needing it, while in some instances a part of the support of each institution was contributed by the city as a condition to furnishing the necessary attention to its poor. In planning the second annual report it was determined, in view of the public service rendered by these institutions, to secure data relating to them similar to that secured for the first report relating to strictly municipal institutions, and publish the same in connection with those data. This plan was carried out and that report contained data not only as to those institutions owned and controlled by the city, but also those owned and controlled by the county, town, or State, or by private enterprises, such as churches, benevolent associations, etc. It was the purpose of the Department to include in that report all those institutions which admitted the general public or a specified class of the public either free or partially free. It was not thought necessary, however, to duplicate that canvass for several years, and the present report, therefore, like that for last year, contains data relating to municipal institutions only. The table shows the number of almshouses and orphan asylums, with the average number of inmates, and the number of hospitals, with the total number of patients treated during the year. The column relating to the number of hospitals includes in some instances smallpox hospitals or pesthouses, which are not strictly charitable institutions, but are operated by the cities for the protection of the general public health. These are in all cases designated by footnotes.

Table XVI.-Cost of water, gas, and electric-light plants owned and operated by cities.-In this table it is shown whether the waterworks, gas works, and electric-light plants in the various cities are owned and operated by the municipality. Where these public utilities are municipally owned and operated further data are given as to the year in which they were built or acquired by the cities, and the cost of the same. The figures for cost represent the cost up to the end of the fiscal year covered by the report, and include amounts expended for extensions, etc., in addition to the original cost of building and equopping the plants. Additional columns show respectively the miles of water, gas, and electric-light mains.

Table XVII.-Building permits.-This table, which did not appear in previous reports, shows first the number of permits granted for the construction of new buildings and the amount of proposed expendlture for same, being followed by the number of permits granted for repairs and extensions to old buildings, together with the amount of proposed expenditure.

Table XVIII.-Debt and legal borrowing limit.-This table shows first the amount of the bonded, the floating, and the total debt of the cities included in the report. In this classification temporary loans, unpaid warrants, etc., have been regarded as a floating debt. The data as to debt are followed by those as to the amount of the sinking
fund of the various cities, which deducted from the preceding column, showing the total debt, furnishes the figures for the next column, representing the net debt of each of the cities. This is followed by a statement as to the legal borrowing limit. In several cities it was found that the bonded indebtedness as given in the reports of the cities did not include some special bonds, such as school, park, or waterworks bonds, or bonds issued for street or sewer construction, etc. They were omitted by the city officials because they were not considered a city debt proper, they having been issued for one or more of the special purposes named, and charged, in some instances, against the property along the street or in the locality in which the expenditures were made. In such cases the city usually acts as an agent through a board or commission in issuing and redeeming the bonds, but disclaims all responsibility for their payment. As most cities include all such bonds in their statements of indebtedness, it has been deemed proper for purposes of comparison to include them in these cases also.

The fact should be noted in connection with this table that in some cases the debt as here given does not represent absolutely all of the public obligations of the property within the limits of the city. In certain cases where it has been desired to make improvements for the benefit of a territory larger than that of the city, the State legislature has provided for the formation of a board or commission and for borrowing money for carrying out the desired improvements. This borrowed money represents an obligation, not of the cities as such, but of the board or commission, although interest and principal as well as all expenses of maintenance and operation must be met by taxation against the property within the limits of the territory benefited. This method has in many cases been employed because the debt limit fixed by the State legislature prevented the necessary borrowing on the part of the city directly, and as it is desired to retain a low debt limit, specific permission from the legislature is required for each issue of bonds in excess of that limit. Well-known cases of this sort are Chicago, with its drainage canal, and Boston, with its metropolitan park, sewer, and water commissions. In such cases as these no attempt has been made to apportion to the cities involved the proper proportion of debt chargeable in each instance, as it was regarded as impracticable. Such definite information, however, as was available has been presented in the form of footnotes to the table. With regard to the city's share of the county and State debt the same principle has been followed.
The conditions in Washington are somewhat peculiar. Being the seat of the Federal Government and the site of the vast properties necessary to its central administration, Congress, which is the lawmaking body of the city, has established the rule that one-half the municipal expenses shall be paid by the Federal Government and onehalf raised by taxation. The act providing a permanent form of gov-
ernment for the District of Columbia, approved June 11, 1878, specifies that "To the extent to which Congress shall approve of said estimates [of the annual expenses of government for the District of Columbia] Congress shall appropriate the amount of fifty per centum thereof; and the remaining fifty per centum of such approved estimates shall be levied and assessed upon the taxable property and privileges in said District of Columbia other than the property of the United States and of the District of Columbia." The principle laid down in the foregoing act has, with very few exceptions, been followed by Congress in making the appropriations for the expenses of the District of Columbia. In any study of the financial statistics of the city of Washington, whether in this or subsequent tables, this peculiarity should be borne in mind.

Table XIX.-Basis of assessment, assessed valuation of property, and taxation.-This table shows the basis of assessment, represented in per cent of the full value of real and personal property. Two columns are given showing the legal basis of assessment. It has been found in some cities, however, that in practice the basis adopted is a much lower percentage than that provided by law. Two additional columns are therefore given showing the basis actually used in the assessment of real and personal property. In passing, attention should be called to the possible, if not probable, inaccuracy in many cases of the basis of assessment in practice. In some instances it applies to the valuation at forced sale; in some to the market value as determined at private sale; while in others it applies to the asking price placed upon the property by the owners. Then follow three columns showing the assessed valuation of the real, personal, and the total property in each of the cities considered, while the remaining columns of the table relate to the tax rates for various purposes levied on such property. In most cases a statement was secured as to the rate of tax levied per $\$ 1,000$ of assessed valuation by or for the State, the county, and the city, and for other purposes. The value of the data subdivided in this manner will be seen at once.

Table XX.-Receipts from all sources.-Practically no change has been made in this table from the form in use in the preceding report. The actual income is first given, classified as to the amounts received during the year from the property tax, from franchise tax, from liquor licenses, from other licenses, from fines and fees, from franchise grants, from special assessments, from trust funds, interest, and dividends, from waterworks, from gas works, from electric-light plants, from docks and wharves, from ferries and bridges, from markets, from cemeteries, from bath houses and bathing pools and beaches, from all other sources, and the total actual income from all sources combined.

This detail and total of actual income is followed by a column showing the cash on hand at the beginning of the fiscal year, and another
showing the amounts received as loans subdivided as to long-term bonds ( 2 years or over), and temporary loans and short-term bonds (less tban 2 years). These items form no part of the actual income of cities, but a final column is given under the caption of "total receipts for fiscal year," in which are combined the amounts given in the table as "total actual income for fiscal year," "cash on hand at beginning of fiscal year," and "loans." The cash on hand at the beginning of the fiscal year, as shown in this table, does not include the cash in the sinking fund, except where so noted.

Table XXI.-Expenditures for construction and other capital out-lay.--This table, together with Table XXII, deals with the expenditures during the fiscal year covered by the report. Table XXI deals especially with those for construction and for the acquisition of property of a permanent nature, and for other capital outlay. The items for which separate amounts are shown in this table are: Police department; police courts, jails, workhouses, reformatories, etc.; fire department; health department; hospitals, asylums, almshouses, and other charities; schools; libraries, art galleries, museums, etc.; parks; streets; sewers; waterworks; gas works; electric-light plants; docks and wharves; ferries and bridges; markets; cemeteries; bath houses and bathing pools and beaches; sinking fund; and for all other purposes. The total of these items follows. The next column shows the amount of loans repaid, subdivided as to long-term bonds ( 2 years or over), and temporary loans and short-term bonds (less than 2 years), while the final column of the table gives the total of expenditures, including loans repaid.

Table XXII.-Expenditures for maintenance and operation.-This table is very similar in form to the preceding one, and shows the expenditures for the maintenance of all the principal departments of city work, together with the total expenditures for maintenance and operation.

Table XXIII.-Summary of receipts and expenditures.-This table summarizes the results of Tables XX, XXI, and XXII, bringing into one presentation the total of receipts and expenditures shown in those tables. A column showing cash on hand at the end of the fiscal year is also given.

Table XXIV.-Assets.-This table shows the estimated value of all property, real and personal, owned by the city at the end of its fiscal year, including cash in the treasury; uncollected taxes; cash and bonds in sinking fund; trust funds; and all lands, buildings, apparatus, and furniture belonging to it, for whatever purpose used, as the city hall, police and fire departments, schools, libraries, art galleries, museums, parks, jails, workhouses, reformatories, hospitals, asylums, almshouses, docks and wharves, ferries and bridges, markets, cemeteries, bath houses and bathing pools and beaches, waterworks, gas works, electric-light
plants, etc. The value of streets and sewers, however, has not been included. Investigation revealed the fact that but few cities keep any record of the value of city property; hence the figures in this table are largely estimates based on the best judgment of the various city officials who furnished this information.
Table XXV.-Per capita debt, assessed valuation of property, and expenditures for maintenance.-This is the last table of the series, and shows per capita the net debt, assessed valuation of real and personal property, and certain of the detailed expenditures for maintenance, together with the total for the same. Among these detailed expenditures are shown the per capita expenditures for maintenance of the police department, etc., the fire department, schools, municipal lighting, and streets except lighting. The per capita expenditures for all other items of maintenance are combined in the next column, and the column showing the total per capita expenditure for maintenance is the final one in the table.

It is deemed necessary in connection with the other explanations relating to the general tables to refer to unusual conditions found in some of the cities covered.
In Paterson, N. J., the data in many respects differ considerably from those given in last year's report. These differences are to be accounted for mainly by the fact that the fire of February 9 and 10 , 1902, which destroyed a large section of the city, also destroyed many of the records from which these data were secured. For this reason the figures for the present year are in many instances estimates, but they are the most reliable that could be secured under the circumstances.

In Wheeling, W. Va., owing to a conflict in authority between certain of the officials of that city, it was difficult to secure reliable data relative to that city's affairs. Estimates have been resorted to in many instances as the most reliable data obtainable.

The population of Galveston, Tex., was largely reduced by the deaths and departures on account of the destructive flood which occurred there in September, 1900. It has been thought best, however, to include this city among the number considered in these reports.

Some difficulty has been encountered in past years by readers of these reports in not being able to refer readily to particular cities concerning which they were interested owing to the arrangement of the data in the tables according to the size of the cities included. The arrangement of last year has been adhered to in the present report. It will be seen, however, by reference to the tables, that each city has been given a marginal number. These numbers, taken in connection with the following table in which the 137 cities are arranged alphabetically, will obviate the difficulty experienced in connection with previous reports. For example, should the reader desire
to refer to the data in the tables relating to Lancaster, Pa., reference to the following table in which Lancaster is shown, in its proper alphabetical position, furnishes the information that for this city the marginal number used in the tables is 90 . Reference to that number in each of the tables, I to XXV, will give the data for that city.

ALPHABETICAL LIST OF CITIES AND THE MARGINAL NUMBER ASSIGNED TO EACH.

| Cities. | Marginal number used in tables. | Cities. | Marginal number used in tables. |
| :---: | :---: | :---: | :---: |
| Akron, Ohio |  | Malden, Mass. | 120 |
| Albany, N. Y | 40 | Manchester, N. H |  |
| Allegheny, Pa | 27 | Memphis, Tenn. | 37 |
| Allentown, Pa | 113 | Milwauke, Wis | 14 |
| Altoona, Pa. | 96 | Minneapolis, Minn. | 19 |
| Atlanta, ${ }^{\text {Ga }}$. | 43 | Mobile, Ala...... | 139 |
| Auburn, N.Y | 134 | Montgomery, Ala. | 133 |
| Augusta, Ga | ${ }_{6}^{94}$ | Nashville, Tenn .. | $\stackrel{47}{16}$ |
| Bayonne, $\mathbf{N} . J$ | 124 | New Bedford, Mass | 16 |
| Binghamton, N. Y | 93 | New Haven, Conn. |  |
| Birmingham, Ala | 99 | New Orleans, La. | 2 |
| Boston, Mass |  | Newton, Mass. | 122 |
| Bridgeport, Conn | 54 | New York, N . Y |  |
| Brockton, Mass | 92 | Norfolk, Va. | 80 |
| Butte, Mont | 132 | Omaha, Nebr | $\stackrel{56}{85}$ |
| Cambridge, Mass | 41 | Paterson, N.J. | 32 |
| Camden, N.J | 52 | Pawtucket, R.I | 95 |
| Canton, Ohio | 131 | Peoria, Ill |  |
| Charleston, S. $C$ | 68 | Philadelphia, Pa |  |
| Chattanoga, Ten | 135 | Pittsburg, Pa | 11 |
| Chelsea, Mass. | 117 | Portland, Me | 78 |
| Chester, Pa | 118 | Portland, Oreg |  |
| Chicago, Inl | 2 | Providence, R.I |  |
| Cincinnati, ohio | 10 | Quincy, Ill.. | 108 |
| Cleveland, Ohio | 7 | Reading, Pa | 50 |
| Columbus, Ohio | 28 | Richmond, Va. | 46 |
| Covington, Ky. | 86 | Rochester, N. Y | 24 |
| Dallas, Tex | 88 | Rockford, Ill.. | 129 |
| Davenport, Iowa | 114 | Saginaw Mich |  |
| Dayton, Ohio. | 45 | St. Joseph, Mo |  |
| Denver, Colo... | 25 | St. Louis, Mo.. |  |
| Des Moines, Iowa | 59 | St. Paul, Minn | 23 |
| Detroit, Mich. | 13 | Salem, Mass | 110 |
| Dubuque, Iowa | 107 | Salt Lake City, Utah. |  |
| Duluth, Minn. | 72 | San Antonio, Tex | 71 |
| East St. Louis, Ill | 136 | San Francisco, Cal. |  |
| Elizabeth, N. J | 74 | Savannah, Ga. |  |
| Elmira, N. Y | 112 | Schenectady, $\mathrm{N} . \mathrm{Y}$ | 126 |
| Erre, Pa. ${ }^{\text {Pro... }}$ | 73 | Scranton, Pa. |  |
| Evansville, Ind. | 64 | Seattle, Wash... | 48 |
| Fall River, Mass | ${ }^{33}$ | Sioux City, Iowa | 123 |
| Fitchburg, Mass | 127 | Somerville Mass | 61 |
| Fort Wayne, Ind | 83 | South Bend, Ind. | 109 |
| Galveston, Tex | 102 | Spokane, Wash | 105 |
| Grand Rapids, Mich | 44 | Springfield, m1.. | 116 |
| Harrisburg, Pa ..... | 77 | Springfield, Mass. | 60 |
| Hartford, Conn | 49 | Springfield, Ohio | 101 |
| Haverhill, Mass | 104 | Superior, Wis.. | 128 |
| Hoboken, N.J | 63 | Syracuse N . Y | 30 |
| Holyoke, Mass. | 82 | Tacoma, Wash. | 103 |
| Houston, Tex. | 85 | Taunton, Mass. | 130 |
| Indianapolis, Ind | 21 | Terre Haute, Ind | 106 |
| Jersey City, N. J | 17 | Toledo, Ohio.... | 26 |
| Johnstown, Pa. | 111 | Topeka, Kans.. | 121 |
| Joliet, III. | 137 | Trenton, N. J | 53 |
| Kansas City, Kans | 76 | Troy, N. Y ... | 62 |
| Kansas City, Mo. | 22 | Utica, N. Y..... |  |
| Knoxville, Tenn | 125 | Washington, D.C. | 15 |
| Lancaster, $\mathrm{Pa} .$. |  | Waterbury, Conn | 81 |
| Lawrence Mass | 57 | Wheeling, w. Va. | 97 |
| Lincoln, Nebr | 91 | Wilkesbarre, Pa | 75 |
| Little Rock, Ark. | 100 | Wilmington, Del. | 51 |
| Los Angeles, Cal | 36 | Worcester, Mass | 29 |
| Louisville, Ky . | 18 | Yonkers, N . Y. | 79 |
| Lowell, Mass . | 39 65 | York, Pa ........... | 119 |
| McKeesport, Pa | 115 | Youngstown, orio. |  |

TABLE I.-INCORPORATION, POPULATION, AND AREA.

|  | Cities. | Incorporated. | Population at Twelfth Census, June1, 1900. | Estimated population, Jan. 1, 1902. | Area (acres). |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| nump ber. |  |  |  |  | Land. | Water. | Total. |
| 1 | New York, N | 1902 | 3, 437, 202 | 3, 888,930 | 209,218.00 | (a) | ${ }^{(a)}$ |
| 2 | Chicago, Ill | 1837 | 1,698,575 | 1,800,000 | 115, 164.00 | 7,076.00 | 122,240.00 |
| 3 | Philadelphia | 1887 | 1,293,697 | 1,335,000 | 83,340.12 | 1,593.00 | 84,933. 12 |
| 4 | St. Louis, M | 1822 | 575, 238 | 595,000 | 39, 276.80 |  | 39, 276.80 |
| 5 | Boston, Mas <br> Baltimore | 1822 | 560, 892 | 578, 579 | 26,247.00 | 1,004.00 | 27, 251.00 |
|  | Cleveland, | 1898 1836 | 508, 957 | 520,000 | 19,290.24 | 964.48 | 20,254.72 |
| 8 | Buffalo, N' Y | 1836 1832 | 381, 768 | 390,000 | 21,040.00 | 150.00 | 21, 190.00 |
| 9 | San Francisco, Ca | 1900 | 842,782 | 350,000 | 20, $29,760.00$ | 47,760.00 | 77, 520.00 |
| 10 | Cincinnati, Ohio | 1819 | 325,902 | 340,000 | 22,560.00 |  | 22,560.00 |
| 11 | Pittsburg, Pa | 1816 | 321, 616 | 333, 500 | 18,171.17 | 1,247.00 | 19, 418.17 |
| 12 | New Orleans, | 1896 | 287, 104 | 3000000 |  |  | 122, 240.00 |
| 13 | Detroit, Mich. | 1883 | 285, 704 | 300, 000 | 18,474.64 | 225.36 | 18,700.00 |
| 14 | Washington, | 1846 | 285, 315 | 297,500 | 14, 205.71 | 213.49 | 14,419.20 |
| 16 | Wewhing, N. J | 1791 1857 | 278,718 | 287,000 | 38,419.20 | $5,900.80$ | 44,320.00 |
| 17 | Jersey City, N. | 1871 | 206, 433 | 213,577 | 8,058.45 | $3,898.30$ $2,370.00$ | $11,956.75$ $10,423.00$ |
| 18 | Louisville, Ky | 1828 | 204, 731 | 215,000 | 12,800.00 |  | 12,800.00 |
| 19 | Minneapolis, Mi | 1867 | 202, 718 | 210,000 | (a) |  | 34,227.58 |
| 20 | Providence, R. I. | 1832 | 175, 597 | 178, 000 | 11, 357.60 | 348.00 | 11, 705.60 |
| 21 | Indianapolis, Ind | 1891 | 169, 164 | 187, 500 | 17,792.00 | 320.00 | 18,112.00 |
| 22 | Kapsas City, M | 1889 | 168,752 | 172,500 | 16,640.00 |  | 16,640.00 |
| ${ }_{24}^{23}$ | St. Paul, Minn | 1854 1834 | 163, 065 | 170,000 | (a) |  | 35,483.30 |
| 25 | Denver, Colo | 1893 | 133, 869 | 140,000 | 11,303.00 |  | $11,635.00$ $30,208.00$ |
| 26 | Toledo, Ohio | 1851 | 131,822 | 150,000 | 18,284.80 | 19.20 | 18, 304.00 |
| 27 | Allegheny, P | 1840 | 129, 896 | 138, 000 | 4, 800.00 | 400.00 | 5,200.00 |
| 28 | Columbus, Ohio | 1834 | 125,560 | 132,500 | 10,400.00 |  | 10, 400.00 |
| 29 | Worcester, Mass | 1848 | 118,421 | 121,000 | 21, 172.80 | 1,827.20 | 23,000.00 |
| 31 | Syracuse, N. Y | 1847 1784 | 108, 374 <br> 108 <br> 027 | 120, 000 | 10, 498.00 | 309.00 | 10,807.00 |
| 32 | Paterson, N. J | 1871 | 105, 171 | 107, 587 | $14,340.00$ $5,357.00$ |  | $14,340.00$ $5,357.00$ |
| ${ }^{33}$ | Fall River, Mas | 1854 | 104, 863 | 107,000 | 26,240.00 |  | 26,240.00 |
| 34 | St. Joseph, | 1885 | 102,979 | 103, 500 | 6,208.00 |  | 6,208.00 |
| 35 | Omaha, Nebr | 1857 | 102,565 | 110,000 | 15, 580.00 | 100.00 | 15,680.00 |
|  | Los Angeles, | 1889 | 102,479 | 110,000 | b27,647.19 | 49.50 | b27,696.69 |
| $\begin{aligned} & 37 \\ & 38 \end{aligned}$ | Memphis, Ten | 1879 | 102, 320 | 107, 500 | 10,240.00 |  | 10,240.00 |
| 89 | Lowell, Mas | 1866 1836 | 102, 026 | 103,000 | $7{ }^{\text {a }}$ ) 00 | (a) | 12,333.26 |
| 40 | Albany, N. Y | 1900 | 94, 151 | 100,000 | 6,913.70 | 282.90 | 7 7,196.60 |
| 41 | Cambridge, Mass | 1846 | 91, 886 | 94,084 | 4,016.01 | 16.47 | 4,182.48 |
| 42 | Portland, Oreg | 1898 | 90,426 | 94,000 | (a) | (a) | 25,600.00 |
| 43 |  | 1884 1850 | 89,872 | 94,000 | 7,040.00 |  | 7,040.00 |
| 44 | Grand Rapids, | 1850 | 87,565 | 95,000 | (a) |  | 11,200.00 |
| 46 | Richmond, V | 1742 | 85,303 | 90,000 | 6,530.00 | 350.00 | 6,880.00 |
| 47 | Nashville, Ten | 1883 | 80,865 | 81,320 |  | ${ }^{400.00}$ | 3,926.00 |
| 48 | Seattle, Wash | 1890 | 80,671 | 90,000 | 19,187.80 | 2,050.00 | 21,237.80 |
| 49 | Hartford, Con | 1784 | 79,850 | 81,619 | 10,992.00 | 110.00 | 11,102.00 |
| 50 | Reading, Pa | 1847 | 78,961 | 82,000 | 3,965.00 |  | 3,965.00 |
| 51 | Wilmington, | 1832 | 76,508 | 78,500 | 5,485.00 | 1,029.00 | 6,514.00 |
| ${ }_{53}^{52}$ | Camden, N.J | 1828 | 75, 935 | 80,000 | 4,474.00 | 555.00 | 5,029.00 |
| 5 | Trenton, $\mathrm{N} . \mathrm{J}$ | 1874 1836 | 73,307 | 75,000 | 4,481.30 |  | 4,481.30 |
| 55 | Lynn, Mass. | 1850 | 68,513 | 70,000 | 6,951.20 | 300.00 | ${ }_{7}^{7,251.20}$ |
| 56 | Oakland, Cal | 1854 | 66,960 | 75,000 | 11,872.00 |  | (a) |
| 57 | Lawrence, Mass | 1858 | 62,559 | 65,000 | 4, 185.00 | 392.00 | 4,577.00 |
| 58 59 | New Bedford, Ma | 1847 | 62,442 | 66,000 | 12,373.00 |  | 12,373.00 |
| ${ }_{60} 69$ | Des Moines, Iow | 1857 | 62,139 | 70,000 | 34,712.20 | 551.80 | 35,264.00 |
| 60 | Springfield, Mass | 1852 | 62,059 | 65,000 | 23, 963.70 | 697.60 | 24,661.30 |
| 61 | Somerville, Mass | 1872 | 61,643 | 63,500 | 2,600. 80 | 100.00 | 2,700.80 |
| ${ }_{63}^{62}$ | Troy, N. Y ... | 1901 | 60,651 | 75,057 | 5,824.00 | 943.00 | 6,767.00 |
| 63 | Hoboken, N, J | 1855 1898 | 59, 364 <br> 59,007 | 61,000 60,200 | $\begin{array}{r} 720.00 \\ 3.840 .00 \end{array}$ |  | (a) |
| 65 | Manchester, N . | 1816 | 56,987 | 60,687 | $31,780.00$ |  | $3,840.00$ $21,700.00$ |
| 66 | Utica, N. Y | 1832 | 56, 383 | 58,000 | 6,350.00 | 50.00 | 6,400.00 |
| 68 | Peoria, il | 1892 | 56, 100 | 60,000 | 5,303.00 |  | $5,303.00$ |
| 68 | Charleston, | 1783 | 55, 807 | 65,000 | 3,270.80 | 6.00 | 3,276.80 |
| 76 |  | 1789 | 54, 244 | 62,000 | 4,255.00 | 65.00 | 4,320.00 |
| 70 | Salt Lake City, U | 1860 | 63,531 | 58,000 | 32,352. 00 | 544.00 | 32,896.00 |
| 72 | San Antonio, Te | 1870 1887 | 53,321 | 55,500 | 23,040.00 |  | 23,040.00 |
| 73 | Erie, Pa | 1861 | 52,733 | 55,000 | (a) |  | 40,960.00 |
| 74 | Elizabeth, $\mathrm{N} . \mathrm{j}$. | 1863 | 52,130 | 55,000 | 5,824.00 |  | 4,426.69 |
| 75 | Wilkesbarre, Pa | 1871 | 51, 721 | 52,000 | 8,109. 12 |  | 3,109.12 |
| 76 | Kansas City, Kan | 1886 | 51,418 | 54,500 | 6,590.00 | 150.00 | 6,740.00 |
| 77 | Harrisburg, P | 1860 | 50,167 | 55,000 | 2,590. 32 | 1,882.31 | 4,472.63 |
|  | Portland, Me. | 1832 | 50,145 | 52,000 | 11,680,00 |  | 11,680.00 |

Table I.-INCORPORATION, POPULATION, AND AREA-Concluded.

| Mar- | Cities. | Incorporated. | Population at Twelfth Census, June1,1900. | Estimated population, Jan. 1, 1902. | Area (acres). |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| num- |  |  |  |  | Land. | Water. | Total. |
| 79 | Yonkers, N. Y | 1895 | 47,981 | 51,000 | (a) | (a) | 13,400.00 |
| 80 | Norfolk, Va | 1845 | 46,624 | 55,000 | 2,086.58 | 309.99 | 2,396. 57 |
| 81 | Waterbury, Conn | 1853 | 45,869 | 48, 139 | 3,615.33 |  | 3,615.33 |
| 82 | Holyoke, Mass ... | 1873 | 45,712 | 47,612 | 9,848.68 | 615.32 | 10,464.00 |
| 83 | Fort Wryne, Ind | 1894 | 45, 115 | 51,000 | 3,100.00 | 200.00 | 3,300,00 |
| 84 | Youngstown, Ohio | 1868 | 44, 885 | 50,000 | 6, 144.00 |  | 6,144.00 |
| 85 | Houston, Tex ..... | 1899 | 44, 633 | 50,000 | 6,500.00 | 260.00 | 5,760.00 |
| 86 | Covington, Ky | 1834 | 42,938 | 48,500 | 1,495.00 |  | 1,495.00 |
| 87 | Akron, Ohio.. | 1836 | 42,728 | 45,000 | 7,456.00 |  | 7, 456,00 |
| 88 | Dallas, Tex | 1899 | 42,638 | 50,000 | 5,120.00 |  | 5,120.00 |
| 89 | Saginaw, Mich | 1890 | 42,345 | 45,000 | (a) | (a) | 7,891. 20 |
| 90 | Lancaster, Pa | 1818 | 41,459 | 41,459 | 2,560.00 |  | 2,560.00 |
| 91 | Lincoln, Nebr | 1901 | 40,169 | 42,500 | 5,144.00 |  | 5,144.00 |
| 92 | Brockton, Mass | 1881 | 40,063 | 42,500 | 13,764, 00 | 60.00 | 13,824.00 |
| 98 | Binghamton, N | 1867 | 39,647 | 41,000 | 6,210.00 | 190.00 | 6,400.00 |
| 94 | Augusta, Ga. | 1798 | 39,441 | 41,000 | 2,364.00 | 196.00 | 2,560.00 |
| 95 | Pawtucket, R | 1886 | 39,231 | 40,630 | 5,721.60 |  | 5,721.60 |
| 96 | Altoona, Pa | 1867 | 38,973 | 40,000 | 1,662.31 |  | 1, 662. 31 |
| 97 | Wheeling, W | 1836 | 38,878 | 40,000 | 2,698.00 | 47.00 | 2,745.00 |
| 98 | Mobile, Ala | 1897 | 38,469 | 38,800 | 3,125.00 | 2,000.00 | 5,125.00 |
| 99 | Birmingham, Ala | 1871 | 38,415 | 41,000 | 4,053.30 |  | 4,053.30 |
| 100 | Little Rock, Ark | 1875 | 38,307 | 41,500 | 7,328.00 | 325.00 | 7,653.00 |
| 101 | Springfield, Ohio | 1850 | 38,253 | 40,000 | 5,760.00 |  | 5,760.00 |
| 102 | Galveston, Tex. | 1901 | 37,789 | 28,000 | 7,494.00 | 640.00 | 8,134.00 |
| 103 | Tacoma, Wash | 1890 | 37,714 | 40,000 | 19,439.00 | 160.00 | 19,599.00 |
| 104 | Haverhill, Mass | 1870 | 37,176 | 37, 175 | 20,431.15 | 48.85 | 20,480.00 |
| 105 | Spokane, Wash. | 1891 | 36,848 | 40,006 | (a) | (a) | 12,960.00 |
| 106 | Terre Haute, Ind | 1899 | 36,673 | 40,000 | 3,440. 75 |  | 3,440.75 |
| 107 | Dubuque, Iowa | 1857 | 36, 297 | 37,500 | 7,040.00 | 640.00 | 7,680.00 |
| 108 | Quiney, Ill ... | 1895 | 36,252 | 38,000 | 3,653.80 |  | 3,653.80 |
| 109 | South Bend, Ind | 1901 | 35, 999 | 42,700 | 4,850.50 | 134.00 | 4,984.50 |
| 110 | Salem, Mass. | 1836 | 35,956 | 36,250 | 4,600.00 |  | (a) |
| 111 | Johnstown, | 1889 | 35,936 | 40,000 | 2,475.98 | 217.35 | 2,693.33 |
| 112 | Elmira, N. Y | 1864 | 35,672 | 36,500 | 4,546.00 | 201.00 | 4,747.00 |
| 113 | Allentown, Pa | 1889 | 35, 416 | 36,000 | 1,999.27 | 82.00 | 2,081. 27 |
| 114 | Davenport, Iowe | 1851 | 35,254 | 36,500 | 5,052.00 |  | 5,052.00 |
| 115 | McKeesport, Pa | 1891 | 34, 227 | 37,500 | 2,245.00 | 82.00 | 2,277.00 |
| 116 | Springfield, Ill | 1840 | 34, 159 | 36,000 | 3,840.00 |  | 3,840.00 |
| 117 | Chelsea, Mass. | 1857 | 34,072 | 35,264 | 1,441.00 |  | 1,441.00 |
| 118 | Chester, Pa . | 1901 | 33, 988 | 35,000 | 3,000.00 |  | 3,000.00 |
| 119 | York, Pa. | 1900 | 33,708 | 37,000 | 2,210.00 | 40.00 | 2,250.00 |
| 120 | Malden, Mass. | 1882 | 33, 664 | 34, 664 | 3,047.00 | 25.00 | 3,072.00 |
| 121 | Topeka, Kans. | 1858 | 33, 608 | 34, 500 | 4,250.00 |  | 4,250.00 |
| 122 | Newton, Mass | 1873 | 33,587 | 36,336 | 9,986.00 | 1,534.00 | 11,520.00 |
| 123 | Sioux City, Iowa | 1886 | 33, 111 | 35,500 | 30,580.00 | 140.00 | 30,720.00 |
| 124 | Bayonne, N. J. | 1872 | 32,722 | 35,000 | 2,580.00 | 1,240.00 | 3,770.00 |
| 125 | Knoxville, Tenn | 1891 | 32,637 | 34,500 | 2,590.00 | 10.00 | 2,600.00 |
| 126 | Schenectady, N. | 1798 | 31,682 | 37,500 | 2,880.00 | 120.00 | 8,000.00 |
| 127 | Fitchburg, Mass. | 1872 | 31,581 | 32,000 | 17,528.00 | 200.00 | 17,728.00 |
| 128 | Superior Wis | 1889 | 31,091 | 32,000 | (a) | (a) | 23, 335.56 |
| 129 | Rockford, Ill | 1852 | 31,051 | 32,000 | 5,084.00 | 100.00 | 5,184.00 |
| 130 | Taunton, Mass | 1864 | 31,036 | 31,036 | 32,000.00 |  | 32,000.00 |
| 131 | Canton, Ohio | 1854 | 30, 667 | 33,000 | 4,350.00 |  | 4,350.00 |
| 132 | Butte, Mont | 1888 | 30, 470 | 32,000 | 1,350.00 |  | 1,350.00 |
| 133 | Montgomery, Ala | 1838 | 30, 346 | 31,500 | 1,792.00 |  | 1,792.00 |
| 134 | Auburn, N.Y | 1848 | 30,345 | 35,000 | (a) |  | 5,760.00 |
| 135 | Chattanooga, Tenn | 1869 | 30, 154 | 32,000 | 2,472.00 | 224.00 | 2,696.00 |
| 136 | East St. Louis, Ill | 1863 | 29,655 | 35,000 | 3,840.00 |  | 3,840.00 |
| 137 | Joliet, Ill. | 1852 | 29,353 | 32,000 | 2,472.00 | 48.00 | 2,520.00 |

$a$ Not reported.

TABLE II.-DATES OF ENDING OF YEARS COVERED BY THE INVESTIGATION.

| Mar- <br> ginal <br> num <br> ber. | Cities. | Dates of ending of years covered by investigation. |
| :---: | :---: | :---: |
| 1 | New York, | Schools, July 31, 1901; libraries, June 30, 1901, to Apr. 30, 1902; all other departments, Dec. 31, 1901. |
| 2 | Chicago, Ill | Schools, June 30, 1901; library, June 1, 1901; all other departments, Dec. |
|  |  | 31, 1901. |
| 3 | Philadelphia, | Dec. 31, 1901. |
| 4 | St. Louis, Mo | Health department, Dec. 31, 1901; schools and school-fund items, June 30, 1901; library, Apr. 30, 1902; all other departments, Apr. 7, 1902. |
| 5 | Boston, Mass | Police department, Nov. 30, 1901; liquor licenses, Apr. 30, 1902; health department, Dec. 31, 1901; schools, June 30, 1901; all other departments, Jan. 31, 1902. |
| 6 | Baltimore, Md.. | Dec. 31, 1901. |
| 7 | Cleveland, Ohio | Divorces, July 1,1901; schools and school-fund items, Aug. 31, 1901; all other departments, Dec. 31, 1901. |
| 8 | Buffalo, N. Y | Police and health departments, parks, streets, libraries, and public works, Dec. 31, 1901; (a) all other departments, June 30, 1901. |
| 1 | San Francisco, | June 30,1901. |
| 10 | Cincinnati, Oh | Divorces and library and library-fund items, June 30, 1901; schools and school-fund items, Aug. 31, 1901; all other departments, Dec. 31, 1901. |
| 11 | Pittsburg, Pa .......... | Fire and health departments, Dec. 31, 1901; schools, Aug. 31, 1901; all other departments, Jan. 31, 1902. |
| 12 | New Orleans, La..... | Schools, June 30, 1901; building permits, Aug. 31, 1901; all other depart ments, Dec. 31, 1901. |
| 13 | Detroit, Mich | Fire alarms, fres, property loss, street railways, and libraries, Dec. 31, 1901; all other departments, June 30, 1901. |
| 14 | Milwaukee, | Police department, Mar. 31, 1902; schools and library, Aug. 31, 1901: all other departments, Dec. 31, 1901. |
| 15 | Washington, | June 30, 1901. |
| 16 | Newark, N.J | Schools, June 3 |
| 17 | Jersey City, N.J | Police, fre, and health departments, Dec. 31, 1901; all other departments, Nov. 30, 1901. |
| 18 | Louisville, K | Parks, Nov. 30, 1901; schools, June 30, 1901; school-fund items, public works, and sinking fund, Dec. 31, 1901; all other departments, Aug. 31, 1901. |
| 19 | Minneapolis, Mi | Schools, June 30, 1901; all other departments, Dec. 31, 1901. |
| 20 | Providence, R.I | Police, fire, and heaith departments, charities, and building permits, Dec. 31,1901 ; divorces, Sept. 21, 1901; schools, June 30, 1901; all other departments, Sept. 30, 1901. |
| 21 | Indianapolis, Ind | Divorces, schools, and library, and school and library fund items, June 30, 1901; all other departments, Dec. $31,1901$. |
| 22 | Kansas City, Mo | Health department, Dec. 31, 1901; schools, and library and school fund items, June 30, 1901; all other departments, Apr. 21, 1902. |
| 23 | St. Paul, | Schools, June 30, 1901; all other departments, Dec. 31, 1901. |
| 24 | Rochester, | Schools, June 30, 1901; all other departments, Dec. 31, 1901. |
| 25 | Denver, Colo | Schools and school-fund items, June 30, 1901; all other departments, Dec. 31, 1901. |
| 26 | Toledo, | Divorces, July 1, 1901; schools, Aug. 31, 1901; all other departments, Dec. 31, 1901 . |
| 27 | Allegheny, Pa | Schools and school-fund items, June 1, 1901; all other departments, Feb. 28, 1902. |
| 28 | Columbus, Ohio | Marriages and births, Mar. 31, 1901; divorces June 30, 1901; schools and school-fund items, Aug. 31, 1901; all other departments, Dec. 31, 1901. |
| 29 | Worcester, Mass | Liquor licenses, May 1, 1902; divorces and health department, Dec. 31, 1901; all other departments, Nov. 30, 1901. |
| 30 | Syracuse, N. Y | Schools, July 31, 1901; library, June 30, 1901; all other departments, Dec. 31,1901. |
| 31 | New Haven | Schools, June 30, 1901; all other departments, Dec. 31, 1901. |
| 52 | Paterson, N.J | Health department and schools and charities, Feb. 28, 1902; library and library-fund items, Feb. 1, 1902; all other departments, Mar. $20,1902$. |
| 33 | Fall River, | Dec. 31, 1901. |
| 34 | St. Joseph, Mo | Police and health departments and charities, Apr. 15, 1902; fire alarms, fires, and property loss, Dec. 31, 1901; schools and school-fund items, June 30, 1901; library, Apr. 30, 1902; all other departments, Apr. 21, 1901. |
| 35 | Omaha, Nebr | Schools, June 30, 1901; all other departments, Dec. 31, 1901. |
| 36 | Los Angeles, Ca | Schools and school-fund items, June 30, 1901; marriages and divorces, Dec. 31, 1901; all other departments, Nov. 30, 1901. |
| 37 | Memphis, Tenn | Schools and school-fund items, June 30, 1901; library, Nov. 30, 1901; all other departments, Dec. 31, 1901. |
| 38 | Scranton, | Police department, Feb. 1, 1902; health department and library, Dec. 31, 1901 ; schools and school-fund items, June 30, 1901; all other departments, Apr. 7, 1902. |
| 39 | Lowell, Mass | Police department and liquor licenses, June 1, 1902; all other departments, Dec. 31, 1901. |
| 40 | Albany, N. Y.......... | Police, fire, and health departments and public works, Oct. 31, 1901; liquor licenses, May 1, 1902; schools, Aug. 31, 1901; all other departments, Dec. 31, 1901. |
| 41 | Cambridge, Mass..... | Health department and schools, Dec. 31, 1901; all other departments, Nov. 30, 1901. <br> a Not including 1 library, June 30, 1901. |

Table II.-DATES OF ENDING OF YEARS COVERED BY THE INVESTIGATION-Continued.

| Marginal number. | Citien. | Dates of ending of years covered-by investigation. |
| :---: | :---: | :---: |
| 42 | Portland, Oreg | Schools, June 30, 1901; school-fund items, Jan. 10, 1902; all other depart ments, Dec. 31, 1901. |
| 43 |  | Schools, June 10, 1901; all other departments, Dec. 31, 1901. |
| 44 | Grand Rapid | Marriages, Dec. 31, 1901; schools and library, Aug. 31, 1901; school and library fund items, Sept. 26, 1901; financial statements, Apr. 19, 1902; all other departments, Apr. 30, 1902. |
| 45 | Dayton, Ohi | Divorces, June 30, 1901; health department and public works, Dec. 31, 1901; schools and library, Aug. 31, 1901; all other departments, Feb. 28, 1902. |
| 46 | Richmond, Va | Schools, July 31, 1901; financial statements, Jan. 31, 1902; all other |
| 47 | Nash |  |
| 48 | Seattle, Wash | Schools and school-fund items, June 30, 1901; all other departments, Dec. 31, 1901. |
| 49 | Hartford, Conn. | Liquor licenses, May 5, 1902; divorces, June 30, 1901; health department, Feb. 28, 1902; parks, May 1, 1901; schools, June 5 to 26, 1901; (a) waterworks, Mar. 1, 1902; all other departments, Mar. 31, 1902. |
| 50 | Reading | Police, fre, and health departments, and building permits, Dec. 31, |
| 51 | Wilmington, Del | Fire department, May 15, 1902; health department, parks, and waterworks, Dec. 31, 1901; streets, sewers, and street railways, Jan. 31, 1902; library, Feb. 28, 1902; building permits, Apr. 30, 1902; all other departments, June 30 , 1901 . |
| 52 | Camden, | Fire and health departments and library, Dec. 31, 1901; schools, June 30 1901: all other departments Jan 31,1902 |
| 53 | Trenton, N. J. | Health department, Dec. 31, 1901; schools, Aug. 31, 1902; school-fund items, June 30, 1901; waterworks, Jan. 31, 1902; all other departments, Feb. 28, 1902. |
| 54 | Bridgeport, Conn | Liquor licenses, June 30, 1902; divorces, July 1, 1902; health department, Dec. 81, 1901; schools, July 14, 1902; library, June 1, 1902; all other departments, Mar. 31, 1902. |
| 55 |  | Financial statements, Dec. 19, 1901; all other departments, Dec. 31, 1901. |
| ${ }_{5}^{56}$ | O2 |  |
|  |  | Liquor licenses, Apr. 30,1902 ; schools, June 30, 1901; all other departments, Dec. 31, 1901. |
| 58 | New Bedford, | Police and fire departments and public works, Dec. 31, 1901; schools, June 30, 1901; all other departments, Dec. 1, 1901. |
| 59 | Des | Health department and library, Dec. 81, 1901; schools, June 2, 1901; all other departments, Mar. 31, 1902. |
| 60 | Springfield, Mass. | Health department, Dec. 31, 1901; schools, June 28, 1901; all other departments, Dec. 10, 1901. |
| ${ }_{62}^{61}$ | Some | Dec. 31, 1901 Liquor licenses, Apr. 30, 1902; schools in Lansingburg district, July 31, |
| 62 |  | Liquor licenses, Apr. 30, 1902; schools in Lansingburg district, July 31, 1901; all other departments, Dec. 31, 1901. |
| 63 | Hoboken, N. J | Police, fire, and health departments, parks, streets, library, and public works, Apr. 30, 1902; schools, June 30, 1901; all other departments, May 5, 1902. |
| 64 | Evansville, Ind | Police, fire and health departments, Mar. 31, 1902; marriages, divorces, street railways, and library, Dec. $\mathbf{3 1}$, 1901; schools, July 31, 1901; all other departments, Aug. 31, 1901. |
|  | Manc |  |
| 66 | Utica, N. Y | Police and fire departments, and police and fire department fund items, Mar. 31, 1902; health department, liquor licenses, parks, and streets, Dec. 31, 1901; schools, July 31, 1901; library, June, 30, 1901; charities, and charity-fund items, Mar. 1, 1902; all other departments, Oct. 1, |
| 67 | Peoria, 111 | Parks and library and park and library fund items, May 31, 1901; schools and school-fund items, June 30, 1901; all other departments, Dec. 31, 1901. |
| 68 | Charleston, | Schools, June 30, 1901; all other departments, Dec. 31, 1901. |
| 69 70 | Savannah, Ga | Schools, June 30, 1901; all other departments, Dec. 31, 1901. ${ }^{\text {a }}$, 1901 . |
| 70 | Salt Lake City, | Schools and school-fund items, June 30, 1901; library, May 31, 1901; all other departments, Dec. 31, 1901. |
| 71 | San Antonio, Tex | Schools and school-fund items, Aug. 31, 1901; all other departments, May 31, 1901. |
| 72 |  |  |
| 73 | Erie, Pa | Police and fire departments, and streets and parks, Mar. 31, 1901; marriages, divorces, street railways, health department, public works, and water-fund items, Dec. 31, 1901; schools, June 26, 1901; school and library fund items, June 3. 1901; financial statements, Apr. 1, 1901. |
| 74 | Elizabeth, | Health department and building permits, Dec. 31, 1901; all other de- |
| 75 | Wilkesbarre, Pa | Fire and health departments, marriages, divorces, and building permits, Dec. 31, 1901; schools and school-fund items, June 3, 1901; all other departments, Apr. 7, 1902. |
| 76 | Kansas City, Kans. | Schools and school-fund items, June 30, 1901; all other departments, Mar. 31, 1902. |
| 77 | Harrisburg, | Schools, June 1, 1902; all other departments, Apr. 7, 1902. Not including high schools, Mar. 31, 1902. |

Table II.-DATES OF ENDING OF YEARS COVERED BY THE INVESTIGATION-Continued.

| $\begin{aligned} & \text { Mar- } \\ & \text { ginal } \\ & \text { num- } \\ & \text { ber. } \end{aligned}$ | Cities. | Dates of ending of years covered by investigation. |
| :---: | :---: | :---: |
| 78 | Portland, Me | Health department, Nov. 31, 1902; marriages, births, and divorces, Jan. 1, 1902; schools, June 30, 1901; all other departments, Dec. 31, 1901. |
| 79 | Yonkers, N. Y. | Health department and charities, Apr. 30, 1902; schools, Aug. 31, 1901; library, June 30,1901 ; waterworks, Nov. 30, 1901; all other departments, Feb. 28, 1902. |
| 80 | Norfolk, | Schools, July 31, 1901; all other departments, June 30, 1901. |
| 81 | Waterbury, Conn | Dec. 31, 1901. |
| 82 | Holyoke, Mass . | Schools, June 30, 1901; public works and water-fund items, Dec. 31, 1901; all other departments, Nov. 30, 1901. |
| 83 | Fort Wayne, I | Marriages and divorces, June 30, 1901; schools and school and library fund items July 81 1901. all other departments Dec 31,1001 |
| 84 | Youngstown, Ohio ... | Police, fire, and health departments, street railways, and charities, Dec. 31, 1901; divorces, July 1, 1901; parks and streets, Feb. 28, 1902; schools, Aug. 31, 1901; waterworks, Mar. 31, 1902; all other departments, Mar. 17, 1902. |
| 85 | Houston, Tex | Police department, Apr. 30, 1902; schools and school-fund items, Aug. 31, 1901: all other departments, Dec. 31, 1901. |
| 86 | Covington, Ky | Marriages and divorces, Sept. 15, 1901; schools, June 30, 1901; all other departments Dec 311001 |
| 87 | Akron, Ohio | Fire department and marriages, Dec. 31, 1901; health department, Mar. 31, 1902; schools, Aug. 31, 1901; all other departments, Mar. 20, 1902. |
| 88 | $\mathrm{D}_{\mathrm{c}}^{\mathrm{c}}$ | Schools, June 30, 1901; all other departments, Apr. 30, 1902. <br> Marriages and births, Dec. 31, 1901; all other departments, June $30,1901$. |
| 90 | Lancaster, Pa | Health department, Dec. 31, 1901; schools, June 1, 1902; all other de- |
| 91 | Lincoln, Nebr | Bírths, June 30, 1902; schools, June 30, 1901; library, May 31, 1902; cemeteries, Apr. 30, 1902; all other departments, Mar. 31 , 1902. |
| 92 | B | Schools, Sept., 1901; all other departments, Nov. 30, 1901. |
| 93 | Bingha | Police and health departments, charities, public works, and building permits, Dec. 31, 1901; fire department, Jan. 31, 1902; schools, July 31, 1901; all other departments, June 30, 1901. |
| 94 | Augusta, G | Fire department and financial statements, Dec. 31, 1901; schools, June 15, 1901; charities and public works, Nov. 30, 1901; all other departments, Dec. 1, 1901. |
| 95 | Pa | Divorces, Sept. 21, 1901; health department, Dec. 31, 1901; schools, June 30 1901: all other departments, Sept. 30 , 1901 . |
| 96 | Altoo | Health department, Dec. 31, 1901; schools, June 4, 1901; all other de- |
| 97 | Whee | 00 |
| 98 |  |  |
|  | M | Schools, Aug. 31, 1901; health department all other departments, Mar. 15, 1902. |
| 99 | Birmingham, | Police department, May 1, 1902; schools and libraries, June 30, 1901; all the departments Deo. 311001 |
| 100 | Little Rock, | Park-fund items, Aug. 31, 1901 ; schools and school-fund items, |
| 101 | Springfield, O | Fire department, Apr. 15, 1902; divorces, June 30, 1901; health department, Dec. 31, 1901; sehools and school-fund items, Aug. 31, 1901; |
| 02 | Galveston, Tex | Schools and school-fund items, June 30, 1901; financial statem |
| 103 | T | Schools and school-fund items, June 30, ${ }^{\text {a }}$ (1901; |
| 104 |  | Dec. 31, 1901. <br> Schools, June 30, 1901; waterworks, Nov. 30, 1901; all other ments, Dec. 31, 1901. |
| 105 | Spokane, Wash |  |
| 106 | Terre Haute | Police department, Feb. 28, 1902; sch |
| 107 | Dubuque | Schools, June 30, 1901; school-fund items, Jan. 31, 1902; all other |
| 108 | Quin | Schools, June 9, 1902; |
| 109 | South Bend, | Marriages and divorces, June 30,1901; schools and library and school and library fund items, July 31, 1901; all other departments, Dec. 31, 1901. |
| 110 | Salem, Mass | Schools, June 30, 1901; all other departments, Nov. 30, 1901. |
| 111 | Joh | Police, fire, and health departments, Dec. 31, 1901: schools and schoolfund ttems, June 4, 1901; all other departments, Apr. 1, 1902. |
| 112 | Elmira, | Liquor licenses, Apr. 30, 1902; health department, Dec. 31, 1901; schools, July 31, 1901; all other departments, Feb. 3, 1902. |
| 113 | Allentown, Pa | Liquor licenses, health department, and building permits, Dec. 31, 1901; schools and school-fund items, June 30, 1901; all other depart ments, Apr. 7, 1902. |
| 114 | Davenport, lowa | Parks and streets. Dec. 31, 1901; schools, June 30, 1901; school-fund items, Feb. 10, 1902; all other departments, Feb. 28 1902; |
| 115 | McKeesport, | Health department, Dec. 31, 1901; schools, June 4, 1901; all other partments, Apr. 7,1902. |
| 116 | Springfield, | Schools and school-fund items, Aug. 31, 1901; bonds and sinking fund, Sept. 30, 1901; all other departments, Feb, 28, 1902. |

Table II.-Dates of ending of years covered by the investigation-Concluded.

| $\begin{aligned} & \text { Mar- } \\ & \text { gina } \\ & \text { num- } \\ & \text { ber. } \end{aligned}$ | Cities. | Dates of ending of years covered by investigation. |
| :---: | :---: | :---: |
| 117 | Chelsea, Mass. | Sc |
| 118 | Chester, | Schools June 4 1901. all other departments |
| 119 | York, Pa. | Police, fire, and health departments, Dec. 31, 1901; liquor licenses, Jan. 21, 1902; schools and school-fund items, June 1, 1901; all other departments, Apr. 8, 1902. |
| 120 | Malden, | Dec 31.1901 |
| 121 | Topeka, Kans. | Schools and school-fund items, June 30, 1901; all other departments, Mar 311902 |
| 122 | Newton, Mass. | Schoois, June 30, 1901; all other departments, Dec. 31, 1901. |
| 123 | Sioux City, Iowa | Schools, June 8, 1901; library, Dec. 31, 1901; all other departments, Mar. 31, 1902. |
| 124 | Bayonne, N.J. | Police and health departments, parks, streets, and public works, Dec 31, 1901; schools, Jane 30, 1901; library, July 31, 1901; all other departments, Apr. 30, 1902. |
| 125 | Knoxville, Ten | Schools, June 30, 1901; all other departments, Jan. 22, 1902. |
| 126 | Schenectady | Liquor licenses, May 1, 1902; schools, June 20, 1901; all other departments, Dec. 31, 1901. |
| 127 | Fitchburg, Mass | Health department, Dec. 31, 1901; schools, June 30, 1901; all other departments, Nov, 30,1901 |
| 128 | Superior, Wis | Police and health departments, parks, streets, and charities, Dec. 31, 1901; schools and library, June 30, 1901; all other departments, Sept. 30, 1901. |
| 129 | Rockford, 1 | Schools, June 30, 1901; library, June 1, 1901; all other departments, Dec. 31, 1901. |
| 130 | Taunton, Mass | Health department and schools, Dec. 31, 1901; all other departments, Nov $30,1901$. |
| 131 | Canton, Ohio | Fire department and waterworks, Mar. 1, 1902; marriages and street railways, Dec. 31, 1901; divorces, July 10, 1901; health department, Feb. 28, 1902; schools, Aug. 31, 1901; charities, Feb. 28, 1902; all other departments, Mar. 17, 1902. |
| 182 | Butte, Mont | Schools and school-fund items, Aug. 31, 1901; library, Mar. 30, 1902; all other departments, Apr. 30, 1902. |
| 138 | Montgomery, | Sept. 30, 1901. |
| 134 | Auburn, N. Y | Police department, Nov. 30, 1901; schools and school-fund items, July 31, 1901; all other departments, Dec. 31, 1901. |
| 135 | Chattanooga, Tenn | Schools and charities, June 30, 1901; building permits and financial statements, Dee. 31, 1901; all other departments. Sept. 30, 1901. |
| 136 | East St. Louis, Ill | Fire department, Dec. 31, 1901; schools and school-fund items, July 12, 1901; library, May. 31, 1902; all other departments, Feb. 28, 1902. |
| 137 | Jollet, ill . | Apr. 30, 1902. |

## TABLe III.-POLICE, RETAIL LIQUOR SALOONS, AND ARRESTS, BY CAUSES.

In this table drunkenness includes "common drunk," "drunk and disorderly," and ali cases where drunkenness in any form was the primary cause of arrest; disturbing the peace includes all cases of disorderly conduct not attributable to drunkenness; assault and battery includes all cases of assault; vagrancy includes arrests of beggars, tramps, loafers, loiterers, and all persons without apparent means of support; housebreaking includes burglary and all cases of breaking and entering, and larceny includes pocket picking, robbery, and all cases of theft.]


## a From $\$ 100$ to $\$ 800$.

$b$ Not including data relating to sanitary district of Chicago.
oIncluding arrests for disturbing the peace.
dIncluded in arrests for drunkenness.
eInnkeepers, $\$ 2,000$; common victualers, $\$ 1,100$; common victualers, second and third classes, $\$ 500$.
$f$ Not including 24 park policemen.
$g$ Not including 75 employed for 6 months.
$h$ From $\$ 100$ to $\$ 1,000$, according to amount of sales of preceding year.
$i$ Including 137 arrests for insanity.
5 Not reported.
$k$ Including 8 detailed as sanitary inspectors.
${ }^{\boldsymbol{t}}$ Innkeepers, $\$ 1,500$; first-class saloons, $\$ 2,000$; second-elass saloons, $\$ 500$.
$m$ For sale of beer only, $\$ 200$.
nInnkeepers, $\$ 2,500$; first-class saloons, $\$ 1,800$; fourth-class saloons, $\$ 1,500$.
o Saloons, $\$ 50$; in connection with other business, $\$ 35$.
$p$ For 9 months only.
$q$ Innkeepers, $\$ 2,000$; common victualers, $\$ 1,800$.

TABLE III-PPOLICE, RETAIL LIQUOR SALOONS, AND ARRESTS, BY CAUSES-Continued.
[In this table drunkenness includes."common drunk," "drunk and disorderly," and all cases where drunkenness in any form was the primary cause of arrest; disturbing the peace includes all cases of disorderly conduct not attributable to drunkenness; assault and battery includes all cases of assault; vagrancy includes arrests of beggars, tramps, loafers, loiterers, and all persons without apparent means of support; housebreaking includes burglary and all cases of breaking and entering, and larceny includes pocket picking, robbery, and all cases of theft.]

| $\begin{gathered} \text { Mar- } \\ \text { gin- } \\ \text { al } \\ \text { num } \\ \text { ber. } \end{gathered}$ | Cities. | Po-licemen. | Licensed retail liquor saloons. |  | Arrests for- |  |  |  |  |  |  |  | Total 8rrests. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | Drunk enness. | $\begin{gathered} \text { Digs } \\ \text { turb- } \\ \text { ing } \\ \text { the } \\ \text { peace } \end{gathered}$ | Assault and battery. | Hom. icide. | Va-grancy. | House breaking. | Lar- | All other of-fenses. |  |
|  |  |  | Number. | Amt. of license. |  |  |  |  |  |  |  |  |  |
| 43 | Atlanta, Ga...... | a161 | 119 | b\$1,000 | 4,163 | 8,642 | 23 | 2 | 2,439 | 42 | 212 | 1,763 | 17,286 |
| 44 | Grand Rapids, |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Mich ......... | 83 | 180 | 510 | 1,081 | 211 | 37 | 2 | 82 | 12 | 188 | 304 | 1,917 |
| 45 | Dayton, Ohio. | - 89 | 418 | 350 | 1,344 | 475 | 258 | 1. | 348 | 46 | 307 | 3,439 | 6,218 |
| 46 | Richmond, Va... | 100 | 297 | (d) | 1,360 | 799 | 1,144 | 9 | 162 | 120 | 519 | 1,024 | 5,137 |
| 47 | Nashville, Tenn.. | 105 | 282 | 72 | 2,136 | 1,958 | 1,433 | 20 | 2,405 | 172 | 1,232 | 1,104 | 10, 460 |
| 48 | Seattle, Wash ... | 77 | 268 | 600 | 1,020 | 1,797 | 158 | 8 | 1,189 | 59 | 306 | e5, 315 | -9,797 |
| 49 | Hartford, Conn. | 98 | 171 | $f 450$ | 2, 602 | 405 | 254 |  | 149 | 20 | 244 | 557 | 4,231 |
| 50 | Reading, Pa...... | 46 | 170 | 500 | - 497 | 102 | 39 | 1 | 122 | 9 | 75 | 298 | 1,143 |
| 61 | Wilmington, Del . | 87 | 178 | 800 | 1,346 | 989 | 351 | 8 | 136 | 27 | 323 | 448 | 3,623 |
| 52 | Camden, N. J..... | 99 | 206 | 500 | 1,146 | 488 | 186 |  |  | 36 | 199 | 229 | 2,287 |
| 53 | Trenton, N. J. | 88 | 288 | 350 | 815 | 719 | 208 | 10 | 190 | 62 | 187 | 539 | 2,730 |
| 54 | Bridgeport, Conn. | 62 | 298 | $f 450$ | 1,036 | 159 | 454 | 2 | 65 | 40 | 248 | 580 | 2,579 |
| 65 | Lynn, Mass....... | 983 | 68 | 1,500 | 2,904 | 155 | 268 | 8 | 17 | 46 | 178 | 665 | 4,230 |
| 56 | Oakland, Cal | 61 | 218 | 400 | 1,383 | 156 | 119 | 3 | 60 | 16 | 119 | 803 | 2,609 |
| 57 | Lawrence, Mass | 62 | 62 | 2,500 | 1,321 | 115 | 197 |  | 25 | 37 | 190 | 512 | 2,397 |
| 68 | New Bedford, | h 85. | 58 |  | 1,197 | 139 | 214 | 5 | 24 | 22 | 187 | 325 | 2,063 |
| 59 | Des Moines, Iowa. | 59 | 78 | 1,200 | 1,669 | 348 | 109 | 8 | 339 | 42 | 126 | 2, 474 | 5,115 |
| 60 | Springfield, Mass. | 69 | 54 | (j) | 1,494 | 52 | 98 | 1 | 65 | 49 | 156 | 411 | 2, 321 |
| 61 | Somerville, Mass . | 55 |  |  | 739 | 33 | 127 | 1 | 17 | 24 | 83 | 352 | 1,376 |
| 62 | Troy, N. Y. | 124 | 289 | 500 | 536 | 572 | 212 |  | 142 |  | 109 | 417 | 1,988 |
| 63 | Hoboken, N. J | 92 | 362 | 250 | 861 | 473 | 197 |  | 32 | 36 | 158 | 407 | 2,178 |
| 64 | Evansville, Ind... | 68 | 292 | 75 | 345 | 121 | 382 | 8 | 132 | 11 | 300 | 798 | 2,097 |
| 65 | Manchester, N. H. | 44 |  |  | 1,085 | 16 | 40 |  |  | 23 | 91 | ${ }^{5} 674$ | k1,929 |
| 66 | Utica, N, Y....... | 48 | 246 | 500 | 1,045 | 13 | 138 | 1 | 306 | 17 | 223 | 430 | 2,168 |
| 67 | Peoria, Ill ........ | 65 | 210 | 500 | 920 | 395 | 237 | 2 | 236 | 76 | 170 | 649 | 2,685 |
| 68 | Charleston, S. C.. | 103 |  |  | 524 | 923 | 271 | 8 | 426 | 67 | 395 | 1,388 | 4,002 |
| 69 | Savannah, Ga.... | $t 110$ | 223 | 200 | 1,217 | 2,088 | 349 | 25 | 412 | 63 | 669 | 430 | 5,253 |
| 70 | Salt Lake City, Utah | 38 | 116 | 1,200 | 928 | 61 | 145 | 1 | 161 | 33 | 104 | 1,101 | 2,534 |
| 71 | San Antonio, Tex. | 45 | 264 | (m) | 561 | 811 | 474 |  | 466 | 20 | 50 | 812 | 3,197 |
| 72 | Duluth, Minn .... | 58 | 168 | 1,000 | 1,014 | 147 | 240 |  | 110 | 11 | 213 | 848 | 2,586 |
| 73 | Erie, Pa. | 40 | 137 | 550 | 684 | 493 | 145 | 3 | 298 | 31 | 106 | 233 | 1,993 |
| 74 | Elizabeth, N. J... | 66 | 220 | 250 | 394 | 204 | 116 |  | 129 | 30 | 83 | 441 | 1,397 |
| 75 | Wilkesbarre, Pa.. | 46 | 144 | 550 | 610 | 407 | 100 | 2 | 80 | 10 | 50 | 49 | 1,308 |
| 76 | KansasCity,Kans. | $\underline{765}$ |  |  | 960 | 574 | 194 | 2 | 547 | 22 | 362 | 796 | 3,457 |
| 77 | Harrisburg, Pa... | 37 | 60 | 550 | 711 | 252 | 105 |  | 60 | 5 | 58 | 237 | 1,418 |
| 78 | Portland, Me. (o). | 55 |  |  | 1,165 | 22 | 65 | 11 | 29 | 26 | 225 | 367 | 1,900 |
| 79 | Yonkers, N. Y.... | 65 | 199 | 350 | 488 | 195 | 245 | 10 | 102 | 22 | 175 | 628 | 1,810 |
| 80 | Norfolk, Va....... | 75 | 141 | $p 250$ | 2,173 | 1,322 | 1,348 | 7 | 290 | 100 | 891 | 1,745 | 7,876 |
| 81 | Waterbury, Conn. | 39 | 208. | $f 450$ | 618 | 212 | 73 | 3 | 30 | 22 | 125 | 394 | 1,477 |
| 82 | Holyoke, Mass.... | 47 | 45 | ( 5 ) | 835) | 15 | 133 | 1 | 44 | 10 | 118 | 247 | 1,403 |

a Not including 22 supernumeraries.
$b$ For sale of beer only, $\$ 250$.

- Including 3 detailed as sanitary inspectors.
a First-class saloons, $\$ 250$; second-class saloons, $\$ 150$; third-class saloons, $\$ 100$; fourth-class ssionens, $\$ 50$.
e Including technical arrests of inmates of houses of prostitution.
$f$ For sale of beer only, $\$ 200$.
$g$ Not including 11 special policemen.
$h$ Not including 20 special policemen.
Innkeepers, $\$ 1,500 ;$ saloons, $\$ 1,100$ to $\$ 1,400$.
5 Innkeepers, $\$ 1,800$; others, $\$ 1,500$.
$k$ Including 535 technical arrests of saloon zeepers.
$l$ Including 24 paid by steamship companies.
$m \$ 25$ for malt, $\$ 150$ for alcoholic liquors.
$n$ Including 7 detailed as sanitary inspectors.
- Data are for 10 months.
$p$ And 5 per cent additional on rental value of buildings oceupied; malt liquors only, $\$ 300$.

TABLE III-POLICE, RETAIL LIQUOR SALOONS, AND ARRESTS, BY CAUSES-Continued.
[In this table drunkenness includes "common drunk," "drunk and disorderly," and all cases where drunkenness in any form was the primary cause of arrest; disturbing the peace includes all cases of disorderiy conduct not attributable to drunkenness; assault and battery includes all cases of assault; vagrancy includes arrests of beggars, tramps, loafers, loiterers, and all persons without apparent means of support; housebreaking includes burglary and all cases of breaking and entering, and larcens includes pocket picking, robbery, and all cases of theft.]

$a \$ 25$ for malt, $\$ 150$ for alcohoile liquors.
$b$ Including 509 pool-room cases.
o Not including 6 special policemen.
a Including aldermen's cases.
e Included in arrests for disturbing the peace.
$f$ Including arrests for drunkenness.
0 Not including 20 special policemen.
h First-class saloons, $\$ 500$; second-class saloons, $\$ 850$.
i From \$25 to \$125.
${ }^{5}$ Not including 6 supernumeraries.
$k$ For sale of beer only, $\$ 250$.
2 Including 1,515 technical arrests of inmates of houses of prostitution and 1,100 of gamblers.
$m$ Including 530 technical arrests of persons applying for lodging.

Table III.-POLICE RETAIL LIQUOR SALOONS, AND ARRESTS, BY CAUSES-Concluded.
IIn this table drunkenness includes "common drunk," "drunk and disorderly," and all cases where druntenness in any form was the primary cause of arrest; disturbing the peace includes all cases of disorderly conduct not attributable to drunkenness; assault and battery includes all cases of assault; vagrancy includes arrests of beggars, tramps, loafers, loiterers, and all persons without apparent means of support; housebreaking Includes burglary and all cases of breaking and entering, and larceny includes pocket picking, robbery, and all cases of theft.]

| $\begin{aligned} & \text { Mar- } \\ & \text { gin- } \\ & \text { al } \\ & \text { num } \\ & \text { ber. } \end{aligned}$ | Cities. | Pomen. | $\begin{gathered} \text { Licensed } \\ \text { retaill liquor } \\ \text { saloons. } \end{gathered}$ |  | Arrests for- |  |  |  |  |  |  |  | Total arrests. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | $\begin{gathered} \text { Drunk- } \\ \text { en- } \\ \text { ness. } \end{gathered}$ | $\begin{gathered} \text { Dis- } \\ \text { turb- } \\ \text { ing } \\ \text { the } \\ \text { peace } \end{gathered}$ | $\begin{aligned} & \text { As- } \\ & \text { sault } \\ & \text { and } \\ & \text { bat- } \\ & \text { tery. } \end{aligned}$ | Hom icide. | $\underset{\text { cy }}{\text { va- }}$ | House breaking. | Lar- | $\left(\left.\begin{array}{c} \text { All } \\ \text { other } \\ \text { of } \\ \text { fen- } \\ \text { ses. } \end{array} \right\rvert\,\right.$ |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | Number. | Amt. |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 126 | Schenectady, N. Y | a 22 | 168 | \$350 | 625 | 127 | 108 | 2 | 110 | 14 | 169 | 333 | 1,488 |
| 127 | Fitchburg, Mass.. |  |  |  | 564 | 56 | 42 |  |  |  | 50 | 234 | 954 |
| 128 | Superior, Wis..... | 30 | 140 | 500 | 929 | 76 | 41 | 2 | 330 | 20 | 132 | 658 | 2,188 |
| 129 | Rackford, mi..... | 19 | 48 | 1,000 | 989 | 217 | ${ }_{64} 4$ |  | ${ }^{60}$ | 2 | ${ }_{59}^{58}$ | 338 | 1,030 |
| 131 | Canton, óhio ..... | 30 | 128 | 350 | 798 | 126 | 8 |  | 124 | 4 | 52 | 168 | 1, 1,389 |
| 132 | Butte, Mont. | 44 | 171 | 900 | 705 | 690 | 197 | 2 | 318 | 58 | 139 | c2,466 | 4,570 |
| 138 | Montgomery, Ala. | 35 | 45 | (d) | (e) | f1,176 | 285 | 1 | 457 | 30 | 281 | 695 | 2,925 |
| 134 | Auburn, N. Y..... | 20 | 106 | 350 |  | 76 | 37 | 1 | 45 | 2 | 67 | 73 | 754 |
| 185 | Chattanooga, Tenn |  |  |  |  | 804 | 280 |  | 213 |  |  | 873 | 3,584 |
| 136 | East St. Louis, 11. | 39 | 160 | 500 | 647 | 337 | 161 | 5 | 141 | 23 | 162 | 1,165 | 2,641 |
| 187 | Joliet, Ill | 33 | 105 | 1,000 | 1,310 | 226 | 41 |  | 411 | 33 | 38 | 207 | 2,266 |

a Not including 8 special policemen.
b Beer saloons, $\$ 650$; others, $\$ 1,600$ to $\$ 2,300$.
c Including 1,698 technical arrests of inmates of houses of prostitution.
$d \$ 401$ within and $\$ 201$ outside of fire limits; for sale of beer only, $\$ 76$.
$e$ Included in arrests for disturbing the peace.
$f$ lncluding arrests for drunkenness.

TABLE IV.-FIREMEN, FIRE EQUIPMENT, AND PROPERTY LOSS FROM FIRES.

| $\begin{gathered} \text { Mar- } \\ \text { ginal } \\ \text { num- } \\ \text { ber. } \end{gathered}$ | Cities. | Firemen. |  |  | Equipment. |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  | Fixe | engines. |  |  |  |  |
|  |  | $\begin{array}{\|l\|} \text { Regu- } \\ \text { lars. } \end{array}$ | $\begin{gathered} \text { Call } \\ \text { men. } \end{gathered}$ | Volun- | Steam. | Hand. | Chem- ical. | Combi- nation chem- ical en- gines and hose wagons. | $\begin{aligned} & \text { Hand } \\ & \text { fireex- } \\ & \text { tin- } \\ & \text { guish } \\ & \text { ers. } \end{aligned}$ | $\begin{aligned} & \text { Fire } \\ & \text { boats. } \end{aligned}$ | $\begin{array}{\|c} \text { Hook } \\ \text { and } \\ \text { ladder } \\ \text { trucks. } \end{array}$ |
|  | New York, N. Y | 2, 555 |  |  |  |  |  |  |  |  |  |
| 2 | Chicago, Ill..... | 1,157 |  |  | 102 | 4 | 17 | 10 | 23 |  | 34 |
| 3 | Philadelphia, Pr .... | 1, 844 |  |  | 50 |  | 6 | 44 | c 149 | 5 | d17 |
| 4 | St. Louis, Mo ......... | 516 |  |  | 48 |  | 1 | 28 | 70 |  | 15 |
| 5 | Boston, Mass ........ | 707 | 83 |  | 52 |  | 13 | 12 | 142 | 2 | 21 |
|  | Baltimore, Md....... | 408 |  |  |  |  | 8 | ${ }^{26}$ | 46 |  |  |
| 8 | Cleveland, Ohio..... | 426 |  |  | 32 |  | 3 | 2 | 27 | 2 | 9 11 |
|  | Buffalo, N. Y ......... | 0486 457 |  |  | 33 $i 52$ |  | 7 | 4 | 76 50 | ${ }^{3}{ }_{2}$ | 110 |
| 10 | Cincinnati, Ohio .... | 334 |  |  | 31 |  | 1 |  | 40 |  |  |
| 11 | Pittsburg, Pa ........ | 416 |  |  | 32 |  | 4 | 6 | 170 |  | 9 |
| 12 | New Orleans, La..... | 302 |  |  | 28 |  |  | 1 | 6 |  |  |
| 13 |  | 495 |  |  | $\stackrel{28}{28}$ |  | ${ }_{8}^{6}$ | 2 | 74 | 2 3 | 13 |
| 14 | Milwaukee, Wis ..... | 337 252 28 |  | - . | ${ }^{23}$ |  | 8 <br> 3 | 2 | 50 06 | 3 | 9 |
| 16 | Newark, N. J . | 234 |  |  | ${ }_{22}^{16}$ |  | ${ }_{3}$ | 10 | ${ }_{6} 6$ |  | 8 |
| 17 | Jersey City, N.J | 190 |  |  | 15 |  | 3 |  | 33 |  | 7 |
| 18 | Louisville, K ${ }^{\text {y }}$....... | 241 |  |  | 18 |  | 1 | $\stackrel{\square}{3}$ | ${ }_{3}$ |  | 5 |
| 19 | Minneapolis, Minn.. | 306 |  |  | 22 |  | 10 | 8 | 24 |  | 7 |
| ${ }_{2}^{20}$ | Providence, R.I ${ }^{\text {P }}$. | 246 |  |  | 11 |  | 3 | 9 | ${ }_{50}^{67}$ |  | 10 |
| 22 | Indianapolis, Ind.... | 196 |  |  | 11 |  | 3 | 2 | 68 |  | 8 |
| 23 | St. Paul, Minn. | 198 |  |  | 15 |  | 4 | 1 | 20 |  | 8 |
| 24 | Rochester, N. Y | 200 |  |  | 8 |  | 2 | 1 | 30 |  | 7 |
| 25 | Denver, Colo ........ | 122 |  | 80 | 8 |  | 1 | , | 31 |  |  |
| ${ }_{27}^{26}$ | Toledo, Ohio ........ | 135 |  |  | 8 |  |  | 10 | 12 |  | 5 |
| 28 | Alegheny, Ca a | 1188 |  |  | 14 |  | $\stackrel{1}{2}$ | $\frac{1}{5}$ | $\stackrel{34}{26}$ |  | 6 |
| 29 | Worcester, Mass ..... | 122 | 107 |  | 7 |  | 3 | 1 | 38 |  | 4 |
| 30 | Syracuse, N. Y . . . . | 138 |  |  | 9 |  | 1 | 3 | 23 |  | 3 |
| 31 | New Haven, Comm... | ${ }^{t 120}$ |  |  | 11 |  |  | 3 | 40 |  | 4 |
| 32 | Paterson, N. J ....... | 103 94 | 97 |  | 9 |  | 1 |  | ${ }_{34} 8$ |  | 3 4 4 |
| 34 | St. Joseph,Mo....... | 60 |  |  | 2 |  | , | 2 | 14 |  | 4 |
| 35 | Omaha, Nebr | 119 |  |  | 4 |  | 2 |  | 22 |  | 4 |
| 36 | Los Angeles, Cal..... | 120 |  |  | 13 |  |  | 10 | 36 |  | 4 |
| 37 38 | Memphis, Tenn...... | 90 64 |  |  | 9 |  | $\stackrel{2}{2}$ | 1 | 16 |  | $\underset{2}{1}$ |
| 39 | Lowell, Mass .......... | 78 | 97 |  | 6 |  | 2 | $x_{2}$ | 16 |  | 4 |
| 40 | Albany, N. Y .......... | 113 | 60 |  | 11 |  |  | 8 | 44 |  |  |
| 41 | Cambridge, Mass .... | 57 | 68 |  | 8 |  | 2 | 7 | 26 |  | ${ }^{3}$ |
| 43 | Atlanta, Ga | bb 108 | 82 | 180 | 210 |  | $\frac{4}{2}$ |  | ${ }_{24}^{32}$ |  | 6 3 |
| 44 | Grand Rapids, Mich. | 128 |  |  | 9 |  | 2 |  | 14 |  | 4 |
| 45 | Dayton, Ohio........ | 108 |  |  | 6 |  |  | 11 | 36 |  | 4 |
| 4 | Richmond, Va....... | 68 | 52 |  | 8 |  |  | , | 25 |  | $\mathbf{3}$ |
| 47 | Nashville, Tenn Seattle, Wash ... | ${ }^{\text {d }} 885$ |  |  | 8 |  | 2 | 3 <br> 8 | 8 |  | 2 |
| 49 | Hartford, Conn | 64 | 71 |  | 10 |  | 1 | 2 | 27 | 1 | 3 |
| 50 | Reading, Pa ........ | 26 |  | 3,300 | 10 |  | 2 |  | 22 |  |  |
| 51 | Wilmington Del .... | 16 |  | 465 | 8 |  | , | 1 | 6 |  | ${ }_{3}^{2}$ |
| 52 | Camden, N. J Trenton | 72 |  |  | 5 |  | 1 |  | ${ }_{21}^{18}$ |  |  |
| 54 | Bridgeport, Conn | 36 | 83 |  | 7 |  |  | 3 | 29 |  | 2 |
| $\begin{aligned} & 55 \\ & 56 \end{aligned}$ | Lynn, Mass | ${ }_{48}^{66}$ | 103 |  | 7 |  | 4 3 | ee 1 | 26 8 |  | $\xrightarrow{09} 4$ |

a Also 117 cisterns.
Including 1,380 police boxes.
cIncluding 64 furnished by fire department to 32 police patrol wagons, 2 on each wagon.
$d$ Including 3 reserve trucks stationed outside city limits.
$e$ Including 3 combination chemical engines and hook and ladder trucks.
$f$ Not incluaing 3 combination chemical engines and hook and ladder trucks.
o Not including 119 substitutes employed 2 months.
$h$ Not reported.
${ }^{2}$ Also 4 monitor batteries.
3 Owned and maintained by State.
ci Also 305 cisterns.
2 Also 80 fire wells.
$m$ Also 561 cisterns.
$n$ Not including 50 Johnson hand foree pumps.
o Also 670 cisterns.
pAlso 164 cisterns
$q$ Including 2 combination hook and ladder trucks and hose wagons.

Table IV.-FIREMEN, FIRE EQUIPMENT, AND PROPERTY LOSS FROM FIRES.

| Equipment. |  |  |  |  |  |  |  |  | Firealarms. | Fires. | Property loss. | $\begin{gathered} \text { Mar- } \\ \text { ginal } \\ \text { num- } \\ \text { ber- } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Fire | hydra | nts. |  |  |  |  |  |  |  |
| Feet ders. | Hose reels and hose wag. ons. | $\begin{gathered} \text { Feet of } \\ \text { hose. } \end{gathered}$ | Owned by city. | Not owned by city. | Total. | $\begin{array}{\|l\|l} \text { Wa- } \\ \text { ter } \\ \text { tow- } \\ \text { ers. } \end{array}$ | Horses. | Firealarm boxes. |  |  |  |  |
| 24, 731 | 170 | 411,700 | 20,230 | 1,127 | 21,357 | 4 | 981 | 2,372 | 9, 327 | 8,424 | \$9, 816, 365 |  |
| 11,153 | 115 | 202, 695 | a19,324 |  | a19,324 | 2 | 481 | b 2,788 | 8,094 | 6,136 | 4,296,433 |  |
| 3,750 | 14 | 105,000 | 13,000 | 185 | 13,185 | 1 | 326 | 1,239 | 3,191 | 3,049 | 2,657,099 |  |
| 4,170 | 25 | 97,650 | 7,676 | 88 | 7,764 | 2 | 247 | 976 | 2, 572 | 2,363 | 2,932, 268 |  |
| 7,904 | 48 | 121, 611 | 7,638 | 315 | 7,953 |  | 374 | 638 | 2, 225 | 2,076 | 1,830, 719 |  |
| 4,008 2,955 | 18 | 74,969 46,050 | 2,673 6,462 |  | 2,673 6,462 | 2 | 188 | 447 876 | 1,498 | 1,443 | 1, 464, 120 |  |
| 3,960 | 30 | 96,250 | 4, 853 | (h) | (h) | 1 | 258 | 572 | 1, 1,083 | 1,039 | 1,576, 128 |  |
| 3,170 | 56 | 79, 500 | 8,767 | 31 | 3,798 | 2 | 285 | (h) | 1,114 | 1,070 | 523, 265 |  |
| 3,401 | 45 | 65, 000 | k2, 695 |  | k2,695 | 1 | 174 | 503 | 1,342 | 1,302 | 1,277,424 | 10 |
| 2,038 | 26 | 106,480 | 3,058 | 95 | 3,153 | 1 | 183 | 506 | 1,211 | 1,167 | 1, 269, 982 | 11 |
| 1,461 | 27 | 35, 823 |  | 21, 706 | ${ }^{11,706}$ | 1 | 153 | 250 | ${ }_{684} 61$ | ${ }^{542}$ | 933, 827 | 12 |
| 3,602 | 19 | 76,360 | m3, 561 | ${ }^{12}$ | m3, 573 | 1 | 201 | 436 | 1,984 | 899 1.154 | 586,693 | 13 |
| 3,023 | 19 | 57,000 | 2,031 | ${ }_{55}{ }_{5}$ | 2,086 | 1 | 138 | ${ }_{251}$ | 1, 710 | 1,628 | -285, 677 | 15 |
| 24,000 | 10 | 38,000 | 2,202 | 40 | 2,242 |  | 109 | 253 | 676 | 543 | 359,700 | 16 |
| 1,711 | 15 | 25, 929 | 2,236 |  | 2,236 |  | 77 | 136 | ${ }^{639}$ | 567 | 422,527 | 17 |
| 1,248 | 17 | 30,050 | o 363 |  | ${ }^{\circ} 836$ | 1 | 107 | 386 | 858 | 821 | 342, 508 | 18 |
| 1,891 | 18 | 42, 876 | 3,312 |  | 3,312 | 1 | 169 | 346 | 1,195 | $\stackrel{(h)}{7}$ | 471,488 | 19 |
| 2,800 | 12 | 33,000 | 1,941 | ${ }_{p 1}^{(1)}$ | ${ }_{p 1,846}{ }^{(h)}$ | 1 | 100 | 362 | ${ }^{1} 791$ |  | 344, 596 | 20 |
| 1,030 | $r 17$ | 30,200 | 2,220 |  | P1,820 | 2 | 106 | 150 | 1,501 | 1,458 | 711,248 | 22 |
| 2,500 | 18 | 50, 200 | 2,346 |  | 2,346 | 1 | 119 | 192 | 783 | 754 | 420, 734 | 23 |
| 1,800 | 13 | 35, 200 | 2,853 | 30 | 2,883 |  | 85 | 208 | 434 | 418 | (h) | 24 |
| 926 | 14 | 17,000 |  | 3,300 | 3,300 | 1 | 67 | 164 | 595 | 573 | 364, 131 | 25 |
| 1,400 | 19 | 32,000 31,500 | 1, 145 | 111 | 1,256 | 1 | 73 69 | 263 541 | 588 | 547 <br> 314 | 441,115 499,650 | $\stackrel{26}{27}$ |
| 1,915 | 11 | 27, 800 | s1,400 | 40 | s 1,440 | 1 | 88 | 164 | 594 | 571 | 137, 359 | 28 |
| 1,324 | 17 | 27,200 | 1,829 | 125 | 1,954 |  | 72 | 167 | 620 | 607 | 111,991 | 29 |
| 1,049 | 8 | 18,959 | 2,680 |  | 2,680 | 1 | 66 | 169 | 375 | 334 | 421,911 | 31 |
| 1,240 | 8 | - ${ }_{\text {23, }}^{15} \mathbf{7 3 4}$ | 1963 1,187 | (b) | ( ${ }^{4}$ ) |  | 59 | ${ }_{v} 211$ | 297 | ${ }_{280}^{285}$ | 121,930 | 31 |
| 1,372 | 12 | 25, 450 | 1,991 | (h) | (h) |  | ${ }_{58}$ | -160 | 152 | 146 | $7,200,000$ 26,347 | 32 |
| 787 | 14 | 12,500 |  | 726 | 726 | 1 | 35 | 9 | 314 | 269 | 196,992 | 34 |
| 1,141 | 12 | 19,803 |  | 1,578 | 1,578 | 1 | 48 | 103 | 469 | 413 | 256,058 | 35 |
| 652 | 10 | 19,000 | 54 | 607 | 661 |  | 77 | 210 | 368 | 319 | 151,190 | 36 |
| 462 | 8 | 15,981 8,000 | 20801 540 | 65 22 | 20866 562 1 | 1 | 51 52 | 69 99 | 493 | 404 | 384, 7597 | 37 |
| 1,324 | 13 | 8, 88.150 | 1,106 | 75 | 1,181 | 1 | 54 | 125 | 398 | 186 | 248, 230 | 39 |
| 1,258 | 13 | 13,500 | 823 | 15 |  |  | 57 | 161 | 651 | 651 | 153,959 | 1 |
| ${ }^{985}$ | 7 | 14,250 | 978 | 19 | 997 |  | 37 | 126 | 291 | 286 | 76,438 | 41 |
| 1,000 | 11 | $22,900$ | aca 565 |  | ${ }^{\text {au }} 555$ |  | 61 | 261 | 204 | 176 | 254, 704 | 42 |
| 1, 600 | 12 | 20, ${ }^{20}$, 400 | $c c 1,231$ 1,361 | 10 | $c ¢ 1,241$ 1,361 |  | 44 58 | $\begin{array}{r}89 \\ 135 \\ \hline\end{array}$ | 582 466 | 5828 <br> 394 | 640,118 202,597 | 4 |
| 1,828 | 3 | 33, 200 | 1,242 |  | 1,242 | 1 | 56 | 183 | 516 | 465 | 133,495 | 45 |
| 768 | 6 | 16,000 | 699 | 35 | 634 |  | 45 | 172 | 473 | 410 | 961, 714 | 40 |
| 799 | 9 | 12,450 | 670 | 30 | 700 |  | 54 | 111 | 333 | 307 | 130,423 | 47 |
| 958 | 9 | 22,000 | 606 |  | 606 |  | 44 | 66 | 377 | 358 | 200, 178 | 989 |
| ¢ 650 |  | 19,000 | 990 | 60 | 950 |  | 47 | 116 | 186 | 186 | 59,362 | $\stackrel{49}{50}$ |
| 516 508 | 7 | 16,610 | 779 |  | 760 |  | 55 | 74 | ${ }_{98}^{89}$ | 87 | 65, 332 | 51 |
| 485 | 7 | 12,000 | 784 | 158 | 987 |  | ${ }_{31}$ | 69 | 166 | 166 | 16,269 | 52 |
| 390 | 7 | 15,050 | 620 | 15 | 635 | 1 | 30 | 95 | 181 | 178 | 94,842 | 63 |
| 700 | 9 | 12,000 | 580 | 47 | 627 |  | 36 | 130 | 166 | 130 | 28,372 | 54 |
| $\left\lvert\, \begin{array}{r}1,465 \\ 700\end{array}\right.$ | 11 | 27, 850 19,450 | 781 | 8 | 789 | hh 1 | 50 47 | ${ }_{(h)}^{115}$ | ${ }_{184}^{359}$ | 355 153 | 134,006 44,120 | 55 56 |

$r$ Not including 2 combination hook and ladder trucks and hose wagons.
3 Also 52 cisterns.
$t$ Not including 48 substitutes.
$u$ Including 39 private fire-alarm boxes.
vIncluding 31 private fire-alarm boxes.
to Also 51 cisterns.
$x$ Combination chemical engines and hook and ladder trucks.
$y$ Not including 2 combination chemical engines and hook and ladder trucks.
$z$ Also 1 battery.
aa Also 82 cisterns.
${ }^{\mathrm{bb}}$ Not including 6 supernumeraries.
cc Also 23 cisterns.
ad Not including 8 substitutes.
ee Combination chemical engine and hook and ladder truck.
if Not including 1 combination chemical engine and hook and ladder truck.
og Not including 1 combination hook and ladder truck and water tower.
hih Combination hook and ladder truck and water tower.

Table IV -FIREMEN, FIRE EQUIPMENT, AND PROPERTY LOSS FROM FIRES-Continued.

| Mar-ginalnum-ber. | Cities. | Firemen. |  |  | Equipment. |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | Fire engines. |  |  |  | Handfireex-tin-guishers. | Fire boats | $\begin{array}{\|l} \text { Hook } \\ \text { and } \\ \text { ladder } \\ \text { trucks. } \end{array}$ |
|  |  | $\begin{aligned} & \text { Regu- } \\ & \text { lars. } \end{aligned}$ | $\begin{gathered} \text { Call } \\ \text { men. } \end{gathered}$ | Volun | Steam. | Hand. | Chemical. | Combination chemgines and wagons. |  |  |  |
|  | Lawrence, Mass |  | 32 |  |  |  | 2 | 3 | 20 |  |  |
| 58 | New Bedford, Mass.. | 44 | 176 |  | 8 |  |  | 4 | 16 |  | 3 |
| 59 | Des Moines, Iowa.... | 74 |  | 10 |  |  | 3 | 5 | 6 |  | 3 |
| 60 | Springfield, Mass .... | 73 | 105 | 7 |  |  | 2 | 3 | 26 |  | 6 |
| 61 | Somerville, Mass .... Troy N Y | 31 | 83 | 940 | 3 9 |  | 1 | 1 | 20 17 |  | 3 <br> 3 |
| 68 | Hoboken, $\mathrm{N} . \mathrm{J}$.... | 65 |  | 940 | 9 |  | 1 |  | 12 |  | $\stackrel{3}{2}$ |
| 64 | Evansvile, Ind. | 63 | 4 |  | 5 |  |  |  | 14 |  | 2 |
| 65 | Manchester, $\mathrm{N} . \mathrm{H}$ | 39 | 127 | 38 | 7 |  | 1 |  | 15 |  | 4 |
| 66 | Utica, N. Y .......... |  |  |  |  |  | 1 | ${ }^{3}$ | 18 |  | 2 |
| 67 |  | 57 45 | 54 | 75 | 3 10 |  | 1 | 2 | 8 |  | $\stackrel{2}{3}$ |
| 69 | Savannah, Ga ... | 681 |  |  | 7 |  | 2 | $\cdots$ | 22 |  | d2 |
| 70 | Salt Lake City, Utah. | 38 |  |  | 2 |  | 1 | 1 | 5 |  | 2 |
| 71 | San Antonio, Tex ... | 54 | 20 |  | 4 |  | 1 | 1 | 3 |  | 1 |
| 72 | Duluth, Minn ....... | 87 |  |  |  |  | 7 | 1 | 18 |  | 4 |
| 78 | Erie, Pa ${ }_{\text {Elizabeth, }}^{\text {N. }}$. ${ }^{\text {J }}$........ | 44 | 28 | 460 | 7 |  | 1 | 1 | 18 |  | $\frac{1}{2}$ |
| 75 | Wilksbarre, Pa ....... | 26 | 90 |  | 5 |  | 1 |  | 14 |  | 2 |
| 76 | Kansas City, Kans .. | $f 45$ |  |  | 1 |  |  | $\stackrel{2}{2}$ | 16 |  | 2 |
| 77 | Harrisburg, Pa ...... |  |  | 1,500 | 7 |  |  |  | 12 |  |  |
| 78 | Portland, Me ${ }_{\text {P }}(\mathrm{g}) . .$. | 39 42 | 163 | $\cdots$ | 7 |  | 1 | h1 5 5 | 26 | 1 | d 5 |
| 80 | Norfolk, Va .......... | 50 | 2 |  |  |  | i | ${ }^{3}$ | 12 |  | 2 |
| 81 | Waterbury, Conn.... | 23 | 36 | 101 | 2 |  |  | 1 | 8 |  |  |
| 82 | Holyoke, Mass.... | ${ }^{39}$ | 94 |  |  |  | 2 | 1 | 26 |  | ${ }^{3}$ |
| 888 | Fort Wayne, ind .... | 57 |  |  |  |  | 1 | 4 | 12 |  | 2 |
| 85 | Houston, Tex.. | 63 |  |  | 7 |  | i | 2 | 18 |  | 2 |
| 86 | Covington, Ky | 33 |  |  | , |  | 1 |  | 6 |  | 2 |
| 87 | Akron, Ohio......... | 40 | 18 |  | 6 |  |  | 4 | 13 |  | 2 |
| 88 89 | Dallas, Tex Mich....... | ${ }_{33} 3$ |  |  | 4 |  | 2 | . | 8 |  | 3 |
| 90 | Lancaster, Pa ........ | 14 | 34 |  | 6 |  |  |  | 4 |  |  |
| 91 | Lincoln, Nebr....... | 30 |  |  | 3 |  | 1 |  | 8 |  |  |
| 92 | Brockton, Mass ..... | 36 | 43 |  | 5 |  | 1 |  | 24 |  | 3 |
| 93 94 | Binghamtou, Augusta, Ga | 17 60 | 4 | 528 | 2 | ...... | 1 |  |  |  | 2 |
| 95 | Pawtucket, R.T...... | 36 | 20 |  | 2 |  |  | $\ddot{6}$ | 20 |  | 3 |
| 96 | Altoona, Pa ......... | 23 | 24 |  | 8 |  |  |  | 18 |  | 2 |
| 97 | Wheeling, W. Va.... | 36 |  |  | 4 |  | 1 | 6 | 10 |  | 1 |
| 98 98 | Mobile, Ala . . . . . . | 26 |  |  | 3 |  |  |  | 2 |  | 2 |
| 99 100 | Birmingham, Ala ... | 46 |  |  | 4 |  | 1 | 1 | 12 |  | 1 |
| 101 | Springfiela, ohio.... | 82 |  |  | 2 |  | 1 | 1 | 4 |  | 2 |
| 102 | Galveston, Tex...... | 52 |  |  | 2 |  | 1 |  | 6 |  |  |
| 103 | Tacoma, Wash ...... | 47 |  |  | 6 |  | 2 |  | 9 |  | 8 |
| 104 | Haverhill Mass ..... | ${ }_{68} 5$ | 84 |  | 5 |  |  | 8 | 9 |  | 3 |
| 106 | Terre Haute, Ind.... | 65 |  |  |  |  | 2 | 3 | 12 |  |  |
| 107 | Dubuque, Iowa...... | 37 |  |  | ${ }^{8}$ |  | 1 |  | 5 |  | 2 |
| 108 | Quincy, Ill ......... | 28 | 14 |  | 5 |  | 1 | 1 | 12 |  | 1 |
| 109 | South Bend, Ind .... | 42 |  |  |  |  | 1 | 1 | 13 |  | 2 |
| 110 | Salem, Mass ......... | 18 | 89 |  |  |  | 1 |  | 13 |  | 2 |
| 112 | Elmira, N. ${ }^{\text {J }}$......... | + 40 |  |  | 8 6 |  |  | 4 | $r 8$ |  | 1 |
| 118 | Allentown, Pa........ | 25 |  | 904 | 6 |  | 2 | 2 | 20 |  | 1 |
| $\begin{aligned} & 114 \\ & 115 \end{aligned}$ | Davenport, Iowa.... | ${ }_{27} 5$ |  |  |  |  |  | 1 | ${ }_{12} 6$ |  | 2 |

$a$ Not reported.
$b$ Not including 6 supernumeraries.
o Including 1 combination chemical engine and hook and ladder truck.
a Not including 1 combination chemical engine and hook and ladder truck.
$e$ Owned by members of fire department.
$f$ Not including 4 substitutes.
$g$ Data are for 9 months.
$\boldsymbol{h}$ Combination chemical engine and hook and ladder truck.
Including 1 combination hook and ladder truck and hose wagon.
j Not including 1 combination hook and ladder truck and hose wagon.

TABLE IV.-FIREMEN, FIRE EQUIPMENT, AND PROPERTY LOSS FROM FIRES-Continued.

| Equipment. |  |  |  |  |  |  |  |  | $\begin{gathered} \text { Fire } \\ \text { alarms. } \end{gathered}$ | Fires. | Property loss. | $\begin{aligned} & \text { Mar- } \\ & \text { ginal } \\ & \text { num- } \\ & \text { ber. } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Fire | hydra | ts. |  |  |  |  |  |  |  |
| Feet of ladders. | Hose <br> reels and hose wag. ons. | Feet of hose. | Owned by city. | $\left\lvert\, \begin{gathered} \text { Not } \\ \text { owned } \\ \text { by } \\ \text { eity. } \end{gathered}\right.$ | Total. | $\begin{array}{\|c\|} \text { Wa- } \\ \text { ter } \\ \text { tow- } \\ \text { ers. } \end{array}$ | Horses. | Firealarm boxes. |  |  |  |  |
| 1,300 | 4 | 18,000 | 584 | 173 | 757 |  | 37 | 61 | 169 | 61 | \$13,738 | 7 |
| 1,020 | 7 | 18,000 | 750 | (a) | (a) |  | 45 | 93 | 193 | 193 | 30, 861 | 8 |
| 1,530 |  | 15,950 | 1,040 |  | 1,040 |  | 43 | 55 | 455 | 435 | 415,184 | 59 |
| 1,599 | 10 | 24,000 | 964 | 91 | 1,055 | 1 | 63 | 137 | 236 | 231 | 96,409 | 60 |
| 1,284 | 6 | 9,350 | 926 | 43 | 969 |  | 38 | 98 | 246 | 246 | 66,774 | 61 |
| 763 | 11 | 23, 200 | 959 | 59 | 1,018 |  | 37 | 105 | 290 | 290 | 125, 108 | 62 |
| 580 | 4 | 12,450 | 237 580 | 25 | 262 |  | ${ }_{23}^{22}$ | 45 | ${ }_{946}^{157}$ | 157 | 138, 629 | 63 |
| 414 | 10 | 12,000 | 580 |  | 580 |  | ${ }_{41}^{33}$ |  | $\underline{946}$ | 173 | 209, 105 | $\stackrel{65}{65}$ |
| 925 <br> 844 | 6 3 | 25,450 14,000 | 753 | ${ }_{65}^{(a)}$ | ${ }_{829}{ }^{\text {a }}$ |  | $\stackrel{41}{32}$ | ${ }_{98}^{68}$ | 197 | 193 | 34,379 233,170 | 65 66 |
| 572 | 9 | 23, 163 |  | 1,067 | 1,067 |  | 33 | 145 | 378 | 365 | 125,819 | 67 |
| 631 | 10 | 9,207 |  | 525 | 525 |  | 30 | 104 | 151 | 121 | 66,810 | 68 |
| 650 | 10 | 17,365 | 604 |  | 604 |  | 42 | 79 | 263 | 193 | 61,744 | 69 |
| 450 | 4 | 11,150 | 975 |  | 975 |  | 21 | 55 | 154 | 153 | 310,870 | 70 |
| 265 | 6 | 10,000 |  | 878 | 878 |  | 30 | 110 | 165 | 162 | 500,000 | 71 |
| 1,000 | 10 | (19, $\begin{aligned} & 20,650 \\ & 19,450\end{aligned}$ | ${ }_{632}^{497}$ |  | 497 |  | 414 | $\begin{array}{r}110 \\ 87 \\ \hline\end{array}$ | 180 | 177 | 186,429 161,671 | 73 |
| 480 | 7 | 5,000 | 300 |  | 300 | 1 | e 26 | 60 | 109 | 56 | 235, 316 | 4 |
| 425 | 4 | 17,500 | 242 |  | 242 |  | 27 | 71 | 107 | 101 | 124, 234 | 75 |
| 290 | 5 | 11, 400 |  | 395 | 395 |  | 22 |  | 346 | 332 | 199,245 | 76 |
| 277 | 9 | 10,500 | 639 | 25 | 664 |  | 27 | 40 | 84 | 80 | 158,031 | 77 |
| 1,498 | 12 | 32,000 | 599 | 5 | 604 |  | 38 | 110 | 168 | 168 | 261, 164 | 78 |
| 1,100 | 14 | 18, 200 | 858 | (a) | (a) |  | 27 | 86 | 193 | 188 | 126,087 | 79 |
| 462 | 6 | 10,000 | 247 |  | 256 |  | ${ }^{30}$ | 41 | 219 | 112 | 18, 381 | 8 |
| 616 546 | 6 | 23,300 | 536 | 105 | 450 |  | ${ }_{37}^{18}$ | ${ }^{65}$ | 124 | 182 | 18, ${ }^{181}$ | 82 |
| 541 | 8 | 13,450 | 698 | 12 | 710 |  | 42 | 81 | 203 | 193 | 49,241 | 83 |
| 402 | 2 | 7,250 | 588 | 18 | 606 |  | 16 | 53 | 230 | 207 | 90, 305 | 84 |
| 623 | 5 | 13, 450 |  | 567 | 567 |  | 32 | ${ }_{54}^{64}$ | 306 | 297 | 259,672 | 85 |
| 660 | 5 | 4,000 | 330 |  | 330 |  | 14 | 54 | 180 | 104 | 49,040 | 86 |
| 644 | 52 | 6,850 | ${ }^{2} 3350$ | 40 | k 390 |  | ${ }_{33}^{23}$ | 98 | 167 | 149 | 688,213 | 87 |
| 655 375 375 | ${ }^{6}$ | 10,000 | 432 |  | 750 |  | 33 26 |  | 269 | 334 199 | 507,802 50,752 | 88 |
| 285 | 5 | 5,000 | 543 |  | 543 |  | 17 | 48 | 48 | 48 | 19,032 | 0 |
| 519 | 3 | 6, 950 | 463 |  | 463 |  | 23 | 40 | 153 | 144 | 46, 135 | 91 |
| 700 | 5 | 12,340 | 650 | ${ }_{8}^{6}$ | 656 | 1 | 35 | 78 | 222 | 162 | 22, 108 | 92 |
| 550 407 | 6 | 7,500 8,300 | 726 675 | 8 | 734 675 |  | 21 |  | 106 | 62 | 79,257 176,876 | 93 |
| 407 | 1 | 8,300 14,400 | 675 566 |  | ${ }_{\text {(a) }} 675$ |  | ${ }_{21}^{26}$ | 177 $m 96$ | 169 | 162 | 176,876 30,275 | 94 95 |
| 430 | 7 | 8,000 | 452 | 48 | 500 |  | 22 | 58 | 266 | 244 | 32,575 | ${ }_{96}$ |
| 265 |  | 7,800 | 442 |  | 442 |  | 26 | 71 | 230 | 228 | 87, 368 | 97 |
| 378 | 5 | 8,000 | 654 | 283 | 937 |  | ${ }^{13}$ | 57 | 224 | 221 | 253, 590 | 98 |
| 313 | 4 | 8,000 | 277 | 7 316 |  |  | 24 |  | ${ }_{\text {n } 231}$ | 286 | 186,519 | 99 100 |
| 250 668 | 7 | 4,200 9,000 | 516 | 316 | 516 |  | $\stackrel{20}{25}$ | 35 112 | 7241 209 | 183 | 58,700 406,682 | 100 |
| 528 | 6 | 9,200 | 485 |  | 485 |  | 24 | 54 | 178 | 172 |  | 102 |
| 311 | 7 | 15,600 | 891 |  | 391 |  | 33 | 59 | 229 | 173 | 44,918 | 103 |
| 1,200 | 9 | 16,825 | 0341 | 5 |  |  | 30 | 62 | 238 | 151 | 59, 626 | 104 |
| 387 | 3 | 11,700 | 528 |  | 528 |  | 30 | 42 | 230 | 125 | 84, 188 | 105 |
| ${ }^{317}$ | 7 | 9,000 |  | 79 | 779 |  |  |  | 229 | 202 | 89, 368 | 106 |
| 429 225 | 4 | 7,300 | 342 | 309 | 342 309 |  | $\stackrel{21}{28}$ | (b) ${ }^{53}$ | 233 140 | 119 | ${ }^{(a)}$ (a00,000 | 108 |
| 728 | 6 | 12,725 | 474 | 134 | 608 |  | 21 | 75 | 181 | 165 | 110,278 | 109 |
| 697 |  | 19,250 | 476 | ${ }^{23}$ | 499 |  | 28 | 90 | 138 | 121 | 78,020 | 110 |
| $r 222$ | $r 14$ | r15,900 | 129 | 12 | 141 |  | $r 34$ | 57 | 72 | 56 | 10,514 | 111 |
| 475 | 1 | 8,150 | 450 | ${ }^{6}$ | 456 |  | 20 | 17 | 173 | 173 | 85,341 | 112 |
| 276 <br> 394 | 5 | 9,650 8,605 | 310 | 571 | $\begin{aligned} & 325 \\ & 571 \end{aligned}$ | 1 | 30 19 | 51 52 | 49 165 | 46 149 | 612,076 | 1114 |
| 308 | 4 | 7,500 | $\cdots 342$ | 15 | s 357 |  | 12 | 56 | 183 | 147 | 30,280 | 115 |

* Also 19 cisterns.
$l$ Including 19 private fire-alarm boxes.
$m$ Including 27 private fire-alarm boxes.
$n$ Including 3 outside city limits.
- Also 16 reservoirs.
$p$ Telephone system
q Paid by volunteer fire company.
rowned by volunteer fire company.
s Also 1 reservoir.

TABLE IV.-FIREMEN, FIRE EQUIPMENT, AND PROPERTY LOSS FROM FIRES-Concluded.

| Mar- <br> ginal <br> num- <br> ber. | Cities. | Firemen. |  |  | Equipment. |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  | Fire e | ngines. |  |  |  |  |
|  |  | Regulars. | Call men. | $\begin{aligned} & \text { Volun- } \\ & \text { teers. } \end{aligned}$ | Steam. | Hand. | Chemical. | Combination chemical engines and hose wagous. | Hand freex-tin-guishers. | Fire boats. | Hook and ladder trucks. |
| 116 | Springfield, Ill | 65 |  |  | 4 |  | 2 | 3 | 14 |  | 2 |
| 117 | Chelsea, Mass . . . . . . . | 19 | 57 |  | 3 |  | 1 | 1 | 7 |  | 1 |
| 118 | Chester, Pa. . . . . . . . . |  |  | 395 | 3 |  |  | 1 | 4 |  | 1 |
| 119 | York, Pa............ | 15 | .- | 900 | 6 |  | 1 | 8 | 14 | . | 1 |
| 120 | Malden, Mass . . . . . . | 24 | 38 |  | 2 |  | 3 | 1 | 12 |  | 2 |
| 121 | Topeka, Kans . | 29 |  |  | 1 |  | 2 |  | 27 |  | 1 |
| 122 | Newton, Mass | 30 | 63 | $\cdots$ | 3 |  | 2 |  | 18 |  | 2 |
| 123 | gioux City, Iowa . . . | 31 |  | 20 | 1 |  | 3 | 1 | 10 |  | 2 |
| 124 | Bayonne, N. J........ |  |  | 600 | 7 |  | 1 | 1 | 12 | ... | 2 |
| 125 | Knoxville, Tenn.... | 29 | 4 | ...... | 3 |  |  |  | 12 | ...... | 1 |
| 126 | Schenectady, N. Y .. | 22 |  | 219 | 1 |  |  | 1 | 21 |  | 1 |
| 127 | Fitchburg, Mass..... | 17 | 78 |  | 2 |  | 1 | 2 | 16 | ...... | 3 |
| 128 | Superior, Wis........ | 44 | 55 |  | 2 | 1 | 2 |  | 14 | ...... | 2 |
| 129 | Rockford, In . . . . . . . | 30 | 1 | ....... | 3 |  |  | 4 | 6 |  | 2 |
| 130 | Taunton, Mass . . . . . | 17 | 88 | 48 | 3 |  |  | 1 | 17 | - | 3 |
| 131 | Canton, Ohio......... | 40 | 38 |  | 2 | ... | 2 | 1 | 9 | ...... | 2 |
| 132 | Butte, Mont. . . . . . . . | 29 |  |  |  |  | 1 | 1 | 12 |  | 2 |
| 133 | Montgomery, Ala ... | 30 |  |  | 8 |  |  |  | 16 |  | 2 |
| 134 | Auburn, N. Y ....... | 25 | 13 |  | 1 |  | 1 |  | 6 |  | 1 |
| 135 | Chattanooga, Tenn.. | 48 | 6 |  | 5 |  | 1 | 4 | 10 |  | 1 |
| 136 | East St. Louis, Ill ... | 25 |  |  |  |  |  | 2 |  |  | 1 |
| 137 | Joliet, Ill ............. | 28 |  |  |  | ..... |  | 1 | 5 | …… | 1 |

a Also 8 cisterns.
$b 18$ hired as needed.

TABLE IV.-FIREMEN, FIRE EQUIPMENT, AND PROPERTY LOSS FROM FIRES-Concluded.

| Equipment. |  |  |  |  |  |  |  |  | Fire alarms. | Fires. | Property loss. | Mar- <br> ginal <br> num- <br> ber. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Fire | hydra | ts. |  |  |  |  |  |  |  |
| Feet of ladders. | Hose <br> reels and hose wagons. | Feet of hose. | Owned by city. | $\begin{gathered} \text { Not } \\ \text { owned } \\ \text { by } \\ \text { city. } \end{gathered}$ | Total. | Water towers. | Horses. | Firealarm boxes. |  |  |  |  |
| 375 | 4 | 7,500 | 305 | 18 | 323 |  | 30 | 83 | 212 | 190 | \$63,306 | 116 |
| 460 | 6 | 10,100 | 263 | 14 | 277 |  | 18 | 72 | 152 | 150 | 21,854 | 117 |
| 197 | 3 | 6,000 |  | 151 | 151 |  | 14 |  | 87 | 86 | 30,000 | 118 |
| 400 | 2 | 8,500 | 320 | 13 | 333 |  | 22 | 49 | 55 | 55 | 24,473 | 119 |
| 650 | 3 | 12,350 | 400 | 18 | 418 |  | 22 | 90 | 103 | 101 | 37,878 | 120 |
| 173 | 6 | 8,000 |  | a 322 | a 322 |  | 18 | 47 | 190 | 184 | 19,380 | 121 |
| 675 | 8 | 17,589 | 946 | 25 | 971 |  | 38 | 142 | 172 | 152 | 74,814 | 122 |
| 431 | 5 | 9,700 | 257 | 12 | 269 |  | 21 | 37 | 179 | 162 | 162,808 | 123 |
| 392 | 10 | 6,000 | 339 | 15 | 354 |  | (b) | 33 | 57 | 57 | 75,000 | 124 |
| 262 | 4 | 5,450 |  | 252 | 252 |  | 14 | 46 | 167 | 152 | 60,876 | 125 |
| 385 | 4 | 8,400 | - 544 | 15 | e 559 |  | 14 | 31 | 121 | 115 | 54,892 | 126 |
| 1,189 | 5 | 14,000 | 428 | 84 | 512 |  | 20 | 69 | 102 | 65 | 15, 274 | 127 |
| 1503 | 7 | 11,950 | .... | 585 | 585 |  | 24 | 110 | 108 | 97 | 32,492 | 128 |
| 311 | 1 | 6, 350 | 391 | ..... | 391 | ...... | 19 | 52 | 144 | 136 | 10,356 | 129 |
| 950 | 8 | 14, 100 | 794 | (d) | (d) |  | 26 | 89 | 127 | 120 | 66,859 | 130 |
| 500 | 5 | 7,000 | 340 | 30 | 370 |  | 20 | 65 | 133 | 124 | 45,312 | 131 |
| 360 | 4 | 8,250 | .... | 397 | 397 |  | 15 | 54 | 140 | 138 | 52, 415 | 132 |
| 547 | 5 | 6,300 | 292 | 59 | 351 |  | 16 | 34 | 152 | 140 | 70, 168 | 133 |
| 356 | 4 | 6,350 | 488 | 68 | 556 |  | 12 | 88 | 75 | 63 | 15,953 | 134 |
| 385 | 2 | 9,000 | 232 | 7 | 239 |  | '23 | 58 | 230 | 225 | 71,724 | 135 |
| 204 | 4 | 7,550 | $\cdots$ | 332 | 332 |  | 11 | 29 | 150 | 142 | 225, 100 | 136 |
| 180 | 5 | 8,100 | 243 | ...... | 243 | - | 22 | 97 | 176 | 127 | 62, 350 | 137 |

c Also 9 cisterns.
$d$ Not reported.

TABLE V.-MARRIAGES, DIVORCES, AND BIRTHS.

| Marginal number. | Cities. | Marriage licenses issued. | Marriages. | Divorces granted. | Births. |  |  | Birth rate per 1,000 population. | Stillbirths. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  | Male. | $\mathrm{Fe}-$ male. | Total. |  |  |
| 1 | New York, N. Y |  | 83, 447 | 817 | 41,096 | 39,639 | 80,735 | 22. 58 | 5,750 |
| 2 | Chicago IIl.. | a18,312 | a16,684 | a1, 808 | 13,980 | 13, 015 | 26,995 | 15.00 | 1,674 |
| 3 | Philadelphia, P | 11,887 | 9,912 | - 492 | 14,534 | 13, 681 | 28, 215 | 21.13 | 1,288 |
| 4 | St. Louis, Mo.. | 5,959 | (b) | 573 | 5,503 | 6,193 | c10,705 | 17.99 | 686 |
| 5 | Boston, Mass | 7,009 | 6,312 | 446 | 7,954 | 7,654 | 15, 608 | 27.21 | 576 |
| 6 | Baltimore, Md | 4,902 | 4,890 | 170 | 4,509 | 4,286 | 8,795 | 16.91 | 672 |
| 7 | Cleveland, Ohio | 8,204 | 8,199 | 454 | 4,122 | 3,915 | 8,037 | 20.61 | 328 |
| 8 | Buffalo, N. Y. |  | 3,448 | a 88 | 3,601 | 3,323 | 6,924 | 18.71 | 387 |
| 9 | San Francisco, Ca | 3,716 | 8, 656 | 846 | 2,527 | 2,346 | d4,875 | 18.93 | 264 |
| 10 | Cincinnati, Ohio. | 3,539 | 3,518 | a 405 | 2,733 | 2,358 | 5,091 | 14.97 | 425 |
| 11 | Pittsburg, Pa ... | a7,910 | 3,443 | $a 186$ | 3,949 | 3,675 | 7,624 | 22.86 | 505 |
| 12 | New Orleans, | 2,119 | 2,104 | 151 | 3,351 | 3,288 | 6,639 | 22.13 | 442 |
| 13 | Detroit, Mich | 2,786 | 2, 681 | 297 | 1,510 | 1,308 | 2,818 | 9.39 | 365 |
| 14 | Milwaukee, Wis | a2, 805 | 2, 460 | 0225 | 3,749 | 3,666 | 7,415 | 24.92 | 328 |
| 15 | Washington, D.C | 3,334 | 8, 188 | 168 | 2,335 | 2,196 | 4,531 | 15. 79 | 524 |
| 16 | Newark, N.J. | (e) | 2,441 | (b) | 3,175 | 2,837 | $f 6,016$ | 23.59 | 324 |
| 17 | Jersey City, N. | (e) | 2,062 | (b) | 2,330 | 2,132 | 4,462 | 20.89 | 285 |
| 18 | Louisville, KY... | 1,683 | 1,559 | 174 | 1,933 | 1,867 | 3,800 | 17.67 | 249 |
| 19 | Minneapolis, Minn | a2, 172 | (b) | a 180 | 2,221 | 1,883 | -4,105 | 19.55 | 209 |
| 20 | Providence, R.I | 1,979 | 1,875 | 327 | 2,484 | 2,212 | 4,696 | 26.38 | 216 |
| 21 | Indianapolis, In | a2,653 | a2,608 | $a 471$ | 1,747 | 1,625 | h3,377 | 18.50 | 112 |
| 22 | Kansas City, Mo | a2,164 | a1, 704 | $a 420$ | 1,595 | 1,372 | 42,989 | 17.38 | 119 |
| 23 | St. Paul, Minn | u1, 491 | a1,478 | a 194 | 1,638 | 1,689 | 3,227 | 18.98 | 102 |
| 24 | Rochester, N. Y |  | 1,492 | $a 156$ | 1,744 | 1,170 | 2,914 | 17.14 | 158 |
| 25 | Denver, Colo | a1,937 | a 1,918 | a 162 | (b) | (b) | (b) | (b) | 98 |
| 26 | Toledo, Ohio | 1,114 | 1,102 | a 191 | - 476 | 487 | 963 | 6.42 | 204 |
| 27 | Allegheny, Pa | a 7,910 | 970 | a 186 | 757 | 686 | 1,443 | 10.85 | 172 |
| 28 | Columbus, Ohio | a1,572 | a 1,572 | $a 148$ | a 958 | a 875 | a 1, 828 | a13.80 | 45 |
| 29 | Worcester Mass | 1,297 | 1,247 | 57 | 1,602 | 1,669 | 3,271 | 27.03 | 136 |
| 30 | Syracuse, N. Y. | 1,207 | - 688 | a 47 | 1,724 | 1,679 | 1,403 | 11. 69 | 58 |
| 31 | New Haven, Con | 937 | 918 | 92 | 1,441 | 1,360 | 2,801 | 25.01 | 135 |
| 32 | Paterson, N.J. | (e) | 962 | 125 | (b) | (b) | 1,896 | 17.62 | 123 |
| 33 | Fall River, Mas | 1,124 | 1,152 | 54 | 2,090 | 2,138 | 4,228 | 39.51 | 193 |
| 34 | St. Joseph, Mo | a 898 | a 868 | 110 | - 280 | - 827 | f 611 | 5.90 | 21 |
| 35 | Omaha, Nebr | 1,006 | 1,003 | 206 | 857 | 822 | 1,679 | 15.26 | 67 |
| 36 | Los Angeles, Ca | a 1,917 | a 1, 818 | $a 405$ | 818 | 754 | 1,572 | 14.29 | 48 |
| 37 | Memphis, Tenn | a 1,991 | a 1, 838 | a 290 | (b) | (b) | (b) | (b) | 156 |
| 38 | Scranton, Pa. | a 1, 801 | 320 | $a 45$ | 512 | 450 | 962 | 9.34 | 94 |
| 39 | Lowell, Mass | 1,044 | 1,022 | (b) | 1,431 | 1,339 | 2,770 | 29.17 | 142 |
| 40 | Albany, N. Y |  | - 535 | (b) 39 | 1,664 | 1,635 | 1,299 | 12.99 | 118 |
| 41 | Cambridge, Ma | 1,075 | 1,107 | 283 | 1,418 | 1,355 | 2,773 | 29.47 | 111 |
| 42 | Portland, Oreg | a 977 | a 999 | $\alpha 144$ | 1,610 | 1,546 | 1,156 | 12.30 | 39 |
| 43 | Atlanta, Ga.... | 1,535 | 1,489 | 358 | 487 | 434 | 1,921 | 9.80 | 210 |
| 44 | Grand Rapids, | 1,043 | 1,041 | 180 | 663 | 627 | 1,290 | 13.58 | 56 |
| 45 | Dayton, Ohio. | a 1,218 | a 1, 216 | $\boldsymbol{\sim} 135$ | 806 | 793 | 1,599 | 17.77 | 85 |
| 46 | Richmond, Va | 816 | , 752 | 53 | 376 | 358 | 1,729 | 7.92 | 210 |
| 47 | Nashville, Tenn | a 1,423 | a 1,352 | a 195 | 804 | 736 | 1,540 | 18.94 | 131 |
| 48 | Seattle, Wash. | a 1, 879 | a 1,351 | $a 823$ | 470 | 449 | 919 | 10.21 | 66 |
| 49 | Hartiord, Conn | 790 | 748 | 82 | 932 | 891 | 1,823 | 22.34 | 62 |
| 50 | Reading, Pa | 812 | 914 | 105 | 875 | 826 | 1,701 | 20.74 | 68 |
| 51 | Wilmington, Del | 950 | 924 | 29 | 625 | 561 | 1,186 | 15.11 | 73 |
| 52 | Camden, N. J. | (e) | 1,362 | (b) | 647 | 627 | 1,274 | 15.98 | 80 |
| 53 | Trenton, N. J | (e) | 676 | 60 | 400 | 375 | , 775 | 10.33 | 67 |
| 54 | Bridgeport, Co | 677 | 642 | 38 | 963 | 877 | 1,840 | 23.90 | 72 |
| 55 | Lynn, Mass | 807 | 829 | 39 | 820 | 837 | 1,657 | 23.67 | 55 |
| 56 | Oakland, Cal | a 1, 396 | a 1, 340 | $a 143$ | 534 | 420 | 1,954 | 12.72 | 41 |
| 57 | Lawrence, Mass.. | 818 | - 816 | (b) | 1,093 | 799 | 1,892 | 29.11 | 80 |
| 58 | New Bedford, Mas | ${ }^{738}$ | -776 | (b6 | 1,398 | 1,067 | 2,465 | 37.35 | 75 |
| 59 | Des Moines, Iowa. | a 1,075 | $a 1,000$ | a 133 | - 454 | 1,408 | , 862 | 12.31 | 19 |
| 60 | Springfield, Mass | 626 | -642 | 84 | 736 | 695 | 1,431 | 22.02 | 49 |
| 61 | Somerville, Mass | 671 | 693 |  | 808 | 743 | 1,551 | 24.43 | 62 |
| 6.2 | Troy, N. Y |  | 475 | 23 | 343 | 316 | -659 | 8.78 | 82 |
| 63 | Hoboken, N. J. | (e) | 884 | 40 | 855 | 805 | 1,660 | 27.21 | 90 |
| 64 | Evansville, Ind.. | 695 | 671 | 120 | 498 | 486 | 984 | 16.35 | 45 |
| 65 | Manchester, N. H. | 617 | 611 | 49 | 829 | 834 | 1,663 | 28.83 | 86 |
| 66 | Utica, $\mathrm{N} . \mathrm{Y}$ |  | 317 | a 66 | 568 | 580 | 1,098 | 18.93 | 57 |
| 67 | Peoria, Ill | a 968 | a 967 | $a 120$ | (b) | (b) | (b) | (b) | 47 |
| 68 | Charleston, S . |  | 492 |  | 548 | 528 | d 1,078 | 16.58 | 192 |
| 69 | Savannah,Ga. | 919 | 831 | 57 | 761 | 672 | k 1, 436 | 23.16 | 187 |

## $a$ Data are for county.

$b$ Not reported.

- Including 9 births, sex not reported.
$d$ Including 2 births, sex not reported.
e No license required except for nonresidents of State.
$f$ Including 4 births, sex not reported.
gIncluding 1 birth, sex not reported.
hincluding 5 births, sex not reported.
${ }^{i}$ Including 22 births, sex not reported.
$f$ Not including 4 limited divorces.
$k$ Including 3 births, sex not reported.

Table V.-Marriages, divorces, and births-Concluded.

| Mar- <br> ginal <br> number. | Cities. | Marriage licenses issued. | Mar- <br> riages. | $\begin{aligned} & \text { Di- } \\ & \text { vorces } \\ & \text { grant- } \\ & \text { ed. } \end{aligned}$ | Births. |  |  | Birth rate per 1,000 population. | Stillbirths. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | Male. | $\begin{gathered} \text { Fe- } \\ \text { male. } \end{gathered}$ | Total. |  |  |
| 70 | Salt Lake City, Utah | a 1,172 | $a 1,164$ | a 166 | 626 | 587 | 1,213 | 18.66 | 51 |
| 71 | San Antonio, Tex ... | a982 | a 964 | a 183 | 280 | 241 | 1, 521 | 9.39 | 49 |
| 72 | Duluth, Minn .... | a1, 038 | (b) | $a 75$ | 586 | 551 | 1,137 | 20.30 | 39 |
| 73 | Erie, Pa....... | 540 | 519 | $a 76$ | 639 | 565 | 1,204 | 21.89 | 46 |
| 74 | Elizabeth, N.J | (c) | 321 | (b) | 456 | 455 | 911 | 16.56 | 43 |
| 75 | Wilresbarre, Pa.. | a2,479 | a2, 479 | ${ }^{\text {a }} 4$ | 506 | 478 | 984 | 18.92 | 48 |
| 76 | Kansas City, Kans | a1,060 | a 1,027 | a154 | 238 | 235 | d484 | 8.88 | 34 |
| 77 | Harrisburg, Pa ... | 468 | 463 | (b) | 444 | 463 | 907 | 16.49 | 49 |
| 78 | Portland, Me. | 449 | 434 | 53 | 521 | 655 | 1,176 | 22.62 | 44 |
| 79 | Yonkers, N. |  | 408 | 9 | 549 | 606 | 1,155 | 22.65 | 48 |
| 80 | Norfolk, Va. | 543 | 522 | 30 | 399 | 410 | $e 810$ | 14.73 | 75 |
| 81 | Waterbury, Con | $f 440$ | $f 440$ | J39 | f726 | $f 549$ | f1,275 | f 26.49 | 84 |
| 82 | Holyoke, Mass. | 452 | 452 | 14 | 885 | 813 | 1,698 | 35.66* | 62 |
| 83 | Fort Wayne, Ind. | $a 674$ | a 654 | $a 119$ | 358 | 334 | 692 | 13.57 | 15 |
| 84 | Youngstown, Ohio. | 438 | 411 | a 57 | 488 | 472 | 960 | 19.20 | 966 |
| 85 | Houston, Tex ...... | a 931 | a 913 | $a 215$ | 263 | 242 | 505 | 10.10 | 47 |
| 86 | Covington, Ky...... | a881 | a 874 | $a 28$ | 361 | 297 | 658 | 15.13 | 28 |
| 87 | Akron, Ohio... | ${ }^{517}$ | 490 | $a 164$ | 516 | 466 | $h 986$ | 21.91 | 37 |
| 88 | Dallas, Tex.. | a 1,841 | a 1,291 | $a 210$ | (b) | (b) | (b) | (b) | 30 |
| 89 | Saginaw, Mich | 487 | 480 | $a 87$ | 537 | 477 | 1,014 | 22.53 | 28 |
| 90 | Lancaster, Pa.. | 330 | 330 | 30 | 259 | 304 | 568 | 13.58 | 59 |
| 91 | Lincoln, Nebr | 468 | 451 | $a 107$ | 198 | 180 | 378 | 8.89 | 20 |
| 92 | Brockton, Mass. | 492 | 484 | 15 | (b) | (b) | 920 | 21.65 | 46 |
| 93 | Binghamton, N . |  | 585 | a 30 | 280 | 258 | 538 | 13.12 | 31 |
| 94 | Augusta, Ga. | 630 | 503 | 54 | (b) | (b) | (b) | (b) | 77 |
| 95 | Pawtucket, R. | 420 | 454 | 48 | 528 | 431 | 954 | 23.48 | 53 |
| 96 | Altoona, Pa ...... | (b) | 338 | (b) | 566 | 566 | 1,132 | 28.30 | 45 |
| 97 | Wheeling, w. Va.. | - 758 | a 699 | ${ }^{\text {a }} 24$ | (b) | (b) | (b) | (b) | 27 |
| 98 | Mobile, Ala. . . . . . | $a 776$ | a 724 | 91 | 459 | 445 | 904 | 23.30 | 114 |
| 99 | Birmingham, Ala | a2,287 | a2,210 | a 165 | 462 | 452 | 914 | 22.29 | 82 |
| 100 | Little Rock, Ark... | a 1, 220 | a1,216 | $a 194$ | 318 | 210 | 528 | 12.72 | 951 |
| 101 | Springfield, Ohio .. | 490 | 490 | 60 | 389 | 340 | 729 | 18. 23 | 34 |
| 102 | Galveston, Tex. | a561 | $\alpha 549$ | a 103 | (b) | (b) | (b) | (b) | 24 |
| 103 | Tacoma, Wash. | $a 755$ | a 691 | $a 99$ | 350 | 266 | 616 | 15.40 | g36 |
| 104 | Heverhill, Mass | 389 | 320 | 34 | 395 | 384 | 779 | 20.95 | 55 |
| 105 | Spokane, Wash. | a781 | a 720 | a 149 | 338 | 322 | 660 | 16.50 | 32 |
| 106 | Terre Haute. Ind | 472 | 466 | 145 | 355 | 291 | 646 | 16.15 | 27 |
| 107 | Dubuque, Iowa. | $\mathrm{a}_{500}$ | a 412 | a47 | 344 | 279 | 623 | 16.61 | 22 |
| 108 | Quiney, Ill.. | a 308 | $a 269$ | $a 41$ | (b) | (b) | (b) | (b) | 24 |
| 109 | South Bend, Ind... | a 600 | a 589 | a 125 | 254 | 254 | ¢589 | 12.62 | 57 |
| 110 | Salem, Mass...... | (b) 38 | 288 | 10 | 471 | 452 | 923 | 25. 46 | 32 |
| 111 | Johnstown, Pa | (b) | 412 | (b) | 487 | 437 | 924 | 23.10 | 32 |
| 112 | Elmira, N. Y . |  | 437 | a 21 | 257 | 252 | 509 | 13.95 | 41 |
| 113 | Allentown, Pa | a950 | 210 | $a 51$ | 411 | 404 | 815 | 22.64 | 39 |
| 114 | Davenport, Iowa | $a 592$ | a 584 | (b) | (b) | (b) | (b) | (b) | 19 |
| 115 | McKeesport, Pa | a7,910 | 186 | a 186 | 568 | 552 | 1,120 | 29.87 | 41 |
| 116 | Springfield, Ill | a 818 | a 814 | $a 116$ | (b) | (b) | (b) | (b) | 30 |
| 117 | Chelsea, Mass . | 439 | 448 | 52 | 450 | 480 | 930. | 26.37 | 39 |
| 118 | Chester, Pa.. | 240 | 224 | 8 | 256 | 277 | 583 | 15.23 | 11 |
| 119 | York, Pa... | 411 | 396 | 33 | 354 | 322 | 676 | 18.27 | 32 |
| 120 | Malden, Mass. | 363 | 392 | 7 | 428 | 458 | 886 | 25.56 | 31 |
| 121 | Topeka, Kans | a 624 | a606 | a 114 | 149 | 142 | 291 | 8.43 | 22 |
| 122 | Newton, Mass | 345 | 355 | 9 | 418 | 386 | 804 | 22.13 | 33 |
| 123 | Sioux City, Iowa | $a 617$ | a 566 | (b) | (b) | (b) | (b) | (b) | 22 |
| 124 | Bayonne, N. J. . . | (b) | 259 | 10 | 596 | 510 | 1,106 | 31.60 | 51 |
| 125 | Knoxville, Tenn | a923 | a900 | a 108 | (b) | (b) | (b) | (b) | 123 |
| 126 | Schenectady, N. Y . |  | 269 | 3 | 348 | 325 | 673 | 17.95 | 25 |
| 127 | Fitchburg, Mass. | 318 | 338 | 10 | 492 | 480 | 972 | 30.38 | 29 |
| 128 | Superior, Wis. | a 298 | (b) | a 29 | 260 | 264 | 524 | 16.38 | 23 |
| 129 | Rockford, Ill. | 267 | 267 | 38 | (b) | (b) | (b) | (b) | 7 |
| 130 | Taunton, Mass | 306 | 322 | 17 | 440 | 400 | 840 | 27.07 | 29 |
| 131 | Canton, Ohio. | 321 | 315 | a 103 | (b) | (b) | (b) | (b) | 12 |
| 132 | Butte, Mont. | a 610 | $a 610$ | $a 89$ | 417 | 385 | 802 | 25.06 | 35 |
| 133 | Montgomery, Ala | $a 970$ | c904 | $\boldsymbol{a} 52$ | 280 | 229 | 509 | 16.16 | 46 |
| 134 | Auburn, N, Y.. |  | 213 | a 30 | 277 | 216 | 493 | 14.09 | 29 |
| 135 | Chattanooga, Tenn. | a 597 | a 558 | a 103 | (b) | (b) | (b) | (b) | 47 |
| 136 | East St. Louis, I1].. | ( 1,305 | a 1,301 | 70 | (b) | (b) | (b) | (b) | 25 |
| 137 | Joliet, Ill . . . . . . . . . . | 295 | 256 | 47 | (b) | (b) | (b) | (b) | (b) |

[^1]Table VI.-DEATHS, BY CAUSES (1).

| Marginal number. | Cities. | Number of deaths from- |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Typhoid fever. | Malaria. | $\begin{aligned} & \text { Small- } \\ & \text { pox. } \end{aligned}$ | Measles. | Scarlet fever. | $\begin{aligned} & \text { Whoop- } \\ & \text { ing } \\ & \text { cough. } \end{aligned}$ | Diphtheria and croup. | Grippe | $\begin{aligned} & \text { Dys- } \\ & \text { en- } \\ & \text { tery. } \end{aligned}$ | Other epidemic diseases. |
| 1 | New York, N. Y.... | 727 | 195 | 410 | 449 | 1,162 | 289 | 2,068 | 856 | 348 | 209 |
| 2 | Chicago, IIl ........ | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) |
| 3 | Philadelphia, Pa ... | 444 | 19 | 156 | 26 | 220 | 261 | 662 | 196 | 68 | 79 |
| 4 | St. Louis, Mo....... | 198 | 80 | 9 | 34 | 69 | 81 | 307 | 81 | (b) | 51 |
| 5 | Boston, Mass. | 142 | 1 | 74 | 103 | 210 | 65 | 353 | 166 | 28 | 4 |
| 6 | Baltimore, Md | 142 | 35 |  | 3 | 11 | 63 | 171 | 128 | 49 | 51 |
| 7 | Cleveland, Ohio | 140 | 6 | 20 | 10 | 34 | 11 | 216 |  | 21 | 27 |
| 8 | Búffalo, N. Y... | 99 |  | 2 | 22 | 45 | 64 | 143 | 36 | 37 | 18 |
| 9 | San Francisco, Cal. | 70 | 14 | 3 | 27 | 13 | 61 | 97 | 57 | 16 | 50 |
| 10 | Cincinnati, Ohio ... | 182 | 15 | 1 | 45 | 24 | 17 | 69 | 109 | 49 | 1 |
| 11 | Pittsburg, Pa ....... | 416 | 4 | 3 | 66 | 117 | 115 | 165 | 112 | 26 | 139 |
| 12 | New Orleans, La.... | 141 | 116 | 52 | 1 | 62 | 22 | 41 | 77 | 76 | 27 |
| 13 | Detroit, Mich....... | 47 | 11 | 1 | 49 | 15 | 10 | 62 | 17 |  | 29 |
| 14 | Milwaukee, Wis.... | 63 |  | 1 | 17 | 16 | 21 | 100 | 75 | 3 |  |
| 15 | Washington, D. C . . | 193 | 48 |  | 17 | 7 | 74 | 86 | 181 | 32 | 23 |
| 16 | Newark, N. J....... | 57 | 10 | 71 | 13 | 23 | 29 | 103 | 25 | 26 | 19 |
| 17 | Jersey City, N. J.... | 35 | 13 | 4 | 11 | 28 | 14 | 120 | 31 | 22 | 15 |
| 18 | Louisville, Ky...... | 121 | 15 | 2 | 2 | 3 | 6 | 53 | 60 | 37 | 8 |
| 19 | Minneapolis, Minn - | 121 |  |  | 10 | 12 | 15 | 190 | 24 | 1 | 48 |
| 20 | Providence, R. I... | 47 | 2 |  | 3 | 9 | 13 | 87 | 64 | 19 |  |
| 21 | Indianapolis, Ind .. | 50 | 17 | 2 | 5 | 10 | 5 | 36 | 39 | 20 | 11 |
| 22 | Kansas City, Mo.... | 74 | 17 | 6 |  | 28 | 3 | 40 | 39 | 6 | 7 |
| 23 | St. Paul, Minn...... | 24 |  | 1 | 6 | 18 | 3 | 52 | 14 | 14 | 6 |
| 24 | Rochester, N. Y ... | 31 |  |  | 7 | 4 | 6 | 22 | 15 | 10 | 7 |
| 25 | Denver, Colo.... | 67 | 1 | 3 | 6 | 54 | 3 | 46 | 23 | 3 | 17 |
| 26 | Toledo, Ohio | 45 | 3 |  | 5 | 10 | 15 | 62 | 23 | 6 | 3 |
| 27 | Allegheny, Pa. | 134 | 3 | 1 | 27 | 29 | 25 | 53 | 18 | 20 | 34 |
| 28 | Columbus, Ohio | 47 | 5 |  |  | 20 | 6 | 10 | 38 | 12 | 7 |
| 29 | Worcester, Mass.... | 26 | 3 | 4 | 2 | 18 | 12 | 17 | 13 | 10 | 10 |
| 30 | Syracuse, $\mathrm{N} . \mathrm{Y} \ldots .$. | 18 | 1 |  | 1 | 3 | 3 | 23 | 7 | 3 | 4 |
| 31 | New Haven, Conn . | 103 | 10 |  | 12 | 6 | 22 | 30 | 61 | 35 | 20 |
| 32 | Paterson, N, J...... | 29 | 1 | 2 | 1 | 11 | 13 | 20 | 5 | 17 | 1 |
| 33 | Fall Riv r, Mass. . . | 21 | 3 | 1 | 7 | 2 | 9 | 23 | 8 | 25 | 210 |
| 34 | St. Joseph, Mo...... | 20 | 3 | 10 | 5 | 5 | 5 | 12 | 5 | 3 | 1 |
| 35 | Omaha, Nebr....... | 24 |  |  |  | 10 | 9 | 12 | 15 | 5 | 3 |
| 36 | Los Angeles, Cal.... | 32 |  |  | 1 | 6 | 4 | 20 | 28 | 6 | 5 |
| 37 | Memphis, Tenn..... | 44 | 121 | 11 |  | 6 | 2 | 5 | 38 | 39 | 11 |
| 38 | Scranton, Pa......... | 31 | 1 |  | 8 | 5 | 12 | 42 | 27 | 11 | 5 |
| 39 | Lowell, Mass ........ | 18 | 2 |  | 17 | 3 | 14 | 117 | 26 | 4 |  |
| 40 | Albany, N. Y ........ | 24 | 2 |  | 6 | 8 | 4 | 43 | 30 |  | 7 |
| 41 | Cambridge, Mass ... | 10 | 1 | 8 | 10 | 8 | 11 | 59 | 49 | 2 | 10 |
| 42 | Portland, Oreg ..... | 23 |  |  | 4 | 3 |  | 26 | 34 | 6 | 10 |
| 43 | Atlanta, Ga......... | 58 | 12 | 1 | 18 | 20 | 15 | 24 | 37 | 27 | 9 |
| 44 | Grand Rapids, Mich. | 33 | 6 |  | 1 | 7 | 1 | 18 | 5 | 9 | 7 |
| 45 | Dayton, Ohio....... | 23 | 1 |  | 1 | 3 | 2 | 18 | 8 | 25 | 2 |
| 46 | Richmond, Va. | 32 | 22 |  |  |  | 35 | 11 | 44 | 19 | 14 |
| 47 | Nashville, Tenn .... | 37 | 26 |  |  | 11 | 7 | 12 | 31 | 28 | 3 |
| 48 | Seattle, Wash....... | 22 |  | 3 | 3 | 7 | 2 | 13 | 3 | 4 | 6 |
| 49 | Hartford, Conn ..... | 25 | 6 |  | 3 | 13 | 1 | 35 | 12 | 1 | 9 |
| 50 | Reading, Pa ........ | 35 | 1 |  | 1 | 22 | 19 | 58 | 15 | 4 | 3 |
| 51 | Wilmingtom, Del ... | 33 | 3 |  |  | 3 | 9 | 39 | 20 | 8 | 2 |
| 52 | Camden, N. J ........ | 13 | $\cdots$ |  |  | 6 | 7 | 60 | 11 | 5 | 3 |
| 53 | Trenton, N. J ........ | 14 | 2 | 1 | 2 |  | 10 | 10 | 12 | 5 | 2 |
| 54 | Bridgeport, Conn... | 13 | 10 |  | 4 | 14 | 12 | 20 | 30 |  | 3 |
| 55 | Lynn, Mass.......... | 10 | 1 |  |  | 8 |  | 34 | 9 | 3 | 1 |
| 56 | Oakland, Cal ........ | 10 | 1 |  | 2 | 2 | 1 | 11 | 10 | 4 | 2 |
| 57 | Lawrence, Mass.... | 12 |  |  | 1 |  | 1 | 16 | 11 | 2 | 1 |
| 58 | New Bedford, Mass. | 19 |  | 6 | 2 | 10 |  | 14 | 6 | 6 | 2 |
| 59 | Des Moines, Iowa... | 13 |  | 1 | 1 | 7 |  | 33 | 17 | 1 | 3 |
| 60 | Springfield, Mass ... | 16 | 4 |  | 1 | 2 | 5 | 13 | 13 | 3 | 1 |
| 61 | Somerville, Mass ... | 12 |  |  | $\begin{array}{r}3 \\ \\ \hline\end{array}$ | 5 | 6 | 28 | 14 | 5 | 4 |
| 62 | Troy, N. Y ......... | 43 |  |  | 19 | 8 | 10 | 26 | 50 | 8 | 5 |
| 68 | Hoboken, N.J ...... | 14 |  | 6 | 6 | 10 | 1 | 30 |  | 6 | 3 |
| 64 | Manchester ( N H.... | 16 | 4 |  |  | 1 | 4 | 8 | 7 | 9 | 1 |
| 66 | Utica, N. Y........... | 11 | 1 |  | 3 | 9 2 | 8 10 | 8 25 | 8 10 | 8 | 1 |
| 67 | Peoria, Ill .......... | 15 | 4 | 1 | 5 | 2 |  | 6 | 14 | 8 | 7 |
| 68 | Charleston, S. C..... | 48 | 48 |  |  | 6 |  | 10 | 41 | 17 | 11 |
| 69 | Savannah, Ga ...... | 6 | 75 |  |  | 10 |  | 10 | 19 | 11 | 1 |
| 70. | SaltLake City, Utah. | 20 |  | 4 | 2 | 22 |  | 46 | 15 | 5 | 4 |

[^2]Included in deaths from diarrhea and enteritis under 2 years.
c Including deaths from hydrocephalus.

Table VI.-DEATHS, BY CAUSES (1).

| Number of deaths from- |  |  |  |  |  |  |  |  |  |  |  |  | Marginal ber. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{aligned} & \text { Puru- } \\ & \text { lent } \\ & \text { and } \\ & \text { septi- } \\ & \text { inmeric } \\ & \text { infec } \\ & \text { tion. } \end{aligned}$ | $\begin{gathered} \text { Pul- } \\ \text { mo- } \\ \text { nary } \\ \text { tuber- } \\ \text { culolo- } \\ \text { sis. } \end{gathered}$ | Other forms tuber-culosis. | $\begin{aligned} & \text { Can- } \\ & \text { cer. } \end{aligned}$ | $\left\lvert\, \begin{aligned} & \text { other } \\ & \text { gen- } \\ & \text { eral } \\ & \text { dis- } \\ & \text { eases. } \end{aligned}\right.$ | $\left\|\begin{array}{c} \text { Men- } \\ \text { in- } \\ \text { gitis. } \end{array}\right\|$ | Cere- bral conges- tion and hemor- rhage. | $\begin{aligned} & \text { Pa- } \\ & \text { raly- } \\ & \text { sis. } \end{aligned}$ | Con-vulsions of infants. | $\left\lvert\, \begin{gathered} \text { Other } \\ \text { dis- } \\ \text { eases } \\ \text { of } \\ \text { nerv- } \\ \text { ous } \\ \text { sys- } \\ \text { tem. } \end{gathered}\right.$ | Bronchitis acute and chron ic. | Pneumonia bron-cho-pneu- monia | Other dis- eases o respir- atory system |  |
| 55 | 8,135 | 1,254 | 2,463 | 1,554 | 1,163 | 2,540 | 243 | 805 | 981 | 2,152 | 9,168 | 814 |  |
| (a) | (a) | (a) | $\stackrel{\text { a }}{ }$ | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) |  |
| 200 | 2,946 |  | 775 | 390 | 761 | 942 | 386 | 655 | 302 | 380 | 2,577 |  |  |
| 53 | 1,128 | c 147 | 345 | 139 | d 160 | 196 | (e) | 197 | $f 485$ | 373 | -995 | 286 |  |
| 98 | 1,309 | 205 | 368 | 496 | 201 | 460 | 109 | 97 | 219 | 301 | 1,099 | 116 |  |
| 41 | 1,138 | 250 | 358 | 205 | 164 | 394 | 180 | 232 | - 178 | 294 | 1,147 | 175 |  |
| 62 | 433 |  | 211 | 105 | 204 | 134 | 122 | 335 | 50 | 110 | 614 | 99 |  |
| 1 | 475 | 23 | 274 | 153 | 149 | 186 | 47 | 73 | 96 | 198 | 539 | 81 |  |
| 68 | 944 | 168 | 398 | 326 | 123 | 239 | 1 | 58 | 246 | 161 | 691 | 138 |  |
| 35 | 742 | 80 | 228 | 104 | 210 | 223 | 80 | 121 | 115 | 266 | 633 | 102 | 10 |
| 40 | 360 | 175 | 142 | 361 | 87 | 167 | 33 | 171 | 123 | 166 | 775 | 83 | 11 |
| 60 | 886 | 85 | 206 | 133 | 115 | 257 | 68 | 67 | 207 | 119 | 485 | 74 | 12 |
| 37 | 330 | 27 | 180 | 163 | 108 | 160 | 108 | 158 | 79 | 216 | 465 | 85 | 13 |
| 14 | 400 | 73 | 206 | 128 | 93 | 160 | 9 | 124 | 57 | 176 | 326 | 48 | 14 |
| 19 | 871 | 62 | 194 | 145 | 107 | 306 | 51 | 93 | 183 | 115 | 497 | 137 | 15 |
| 6 | 581 | 49 | 180 | 82 | 159 | 240 | 32 | 115 | 56 | 157 | 421 | 74 |  |
| 9 | 467 | 32 | ${ }^{96}$ | 65 | 136 | 193 | 14 | 166 | 72 | 133 | 391 | 70 | 17 |
| 5 | 423 | 39 | 109 | 64 | 89 | 121 | 105 | 82 | 56 | 95 | ${ }^{331}$ | 109 | 18 |
| 17 | 262 | 60 | 133 | 74 | 68 | 93 | 6 | 35 | 42 | 60 | 214 | 31 | 19 |
|  | 384 | 88 | 143 | 59 | 55 | 166 | 21 | 27 | 56 | 102 | 281 | 44 | 20 |
| 34 50 | ${ }_{306}^{224}$ | ${ }_{23}^{23}$ | 85 74 | 40 59 | 72 | 142 | $\stackrel{20}{47}$ | 58 | 52 | ${ }_{5}^{57}$ | 224 | 86 | 21 |
| 50 | 306 | $\stackrel{23}{25}$ | 74 | 59 | 47 | 82 | 47 | 51 | 44 | 39 | ${ }^{256}$ | 42 | ${ }_{23}^{22}$ |
| 1 | 263 | 14 | 150 | 64 | 84 | 124 | 5 | 55 | 89 | 71 | 214 | 27 | 4 |
| 38 | 547 | 51 | 92 | 75 | 77 | 65 | 26 | 30 | 73 | 24 | 323 | 76 | 25 |
| 26 | 139 | 24 | 75 | 45 | 43 | 59 | 10 | 49 | 43 | 35 | 142 | 34 | 26 |
| 19 | 148 | 98 | 48 | 61 | 56 | 69 | 13 | 65 | 53 | 68 | 312 | 42 | 27 |
| 14 | 206 | 13 | 71 | 34 | 55 | 58 | 32 | 33 | 30 | 11 | 139 | 21 | 28 |
| 1 | 242 | 19 | 67 | 32 | 55 | 113 | 11 | 38 | 92 | 43 | 274 | 10 | 29 |
| 16 | 160 | 15 | 74 | 30 | 31 | 87 | 24 | 32 | 23 | 38 | 124 | 40 | 30 |
| ${ }^{3}$ | 110 | 11 | 79 | 55 | 30 | 59 | ${ }^{6}$ | 31 | 151 | 57 | 146 | 30 | 31 |
| 11 | 215 | 5 | 72 | 71 | 75 | 67 | 13 | 55 | 20 | 44 | 177 | 43 | 32 |
| 13 | 182 | 43 | 50 | 18 | 79 | 13 | 23 | 100 | 67 | 112 | 225 | 157 | 33 |
| 7 | 65 | 8 | 18 | 14 | 15 | 23 | 12 | 2 | 14 | 14 | 65 | 13 | $\stackrel{34}{ }$ |
| 20 8 | 78 | 8 | $\stackrel{38}{ }$ | 31 | 44 | 42 | 14 | 35 | 10 | 18 | 113 | 31 | 35 |
| 8 | 347 | 82 | 98 | 58 | 42 | 107 | 30 | 98 | 34 | $\stackrel{24}{20}$ | 166 | 42 | 36 |
| ${ }_{16}^{27}$ | 239 | 22 | 36 | 31 | 39 | 29 | ${ }_{3}^{22}$ | 288109 | 24 | 20 | 151 | ${ }^{22}$ | $\stackrel{37}{38}$ |
| 16 1 | 112 | 20 | 40 57 | 24 <br> 32 | 55 67 | ${ }_{75}^{32}$ | ${ }_{37} 3$ | 109 41 | 17 | 67 | 243 | 22 | 39 |
| 27 | 217 | 32 | 106 | 23 | 36 | 147 | 9 | 40 | 19 | 28 | 143 | 28 | 40 |
| 10 | 184 | 24 | 92 | 22 | 8 | 12 | 10 | 24 | 148 | 37 | 174 | 30 | 41 |
| 18 | 126 | 15 | 77 | 12 | 38 | 27 | 19 |  | 11 | 5 | 112 | 27 | 42 |
| 25 | 218 |  | 34 | 47 | 33 | 72 | 60 | 63 | 28 | 29 | 243 | 28 | 43 |
| 5 | 76 |  | 76 | 34 | 18 | 53 | 24 | 13 | 30 | 33 | 81 | 40 |  |
| 14 | 130 | 26 | 66 | 13 | 58 | 8 | 73 | 35 | 11 | 17 | 115 | 12 | 45 |
| 16 | 161 | 111 | 47 | 32 | 36 | 76 | 63 | 42 | 53 | 42 | 185 | 84 | 46 |
| 10 9 | $\stackrel{221}{86}$ | ${ }_{23}^{23}$ | 40 | 35 | 23 | 62 | $\stackrel{30}{17}$ | 60 | 39 | 31 | 175 | 31 | 47 |
|  | 125 |  | 67 | ${ }_{27}$ | ${ }_{36}^{22}$ | 59 | 14 | 19 | 30 | 30 | 123 | ${ }_{3}$ | 49 |
| 12 | 113 | 7 | 37 | 21 | 31 | 63 | 21 | 90 | 29 | 17 | 122 | 18 | 50 |
| 7 | 149 | 8 | $\stackrel{23}{ }$ | 28 | 48 | 54 | 53 | 33 | 11 | 21 | 141 | 22 | 51 |
| 4 | 154 | 8 | 43 | 16 | 52 | 85 | 29 | 33 | 21 | 11 | 127 | $\stackrel{33}{ }$ | 52 |
| 4 | 133 | 12 | 37 | 20 | 32 | 93 | 43 | 39 | 30 | 21 | 104 | 27 | 53 |
| 6 | 143 | 31 | 47 | 26 | 24 | 37 | 13 | 41 | 12 | 40 | 127 | 17 | 54 |
|  | 142 | 3 | 55 | 25 | 32 | 33 | 25 | 11 | 13 | 17 | 120 | 12 | 55 |
| 8 | 151 | 14 | 56 | 25 | 32 | 53 | 15 | 10 | 13 | 21 | 119 | 21 | 56 |
|  | 108 | 9 | 42 | 15 | 57 | 27 | 20 | 37 | $\stackrel{21}{23}$ | 28 | 129 | 20 | 57 |
| 110 | 139 | 14 | 51 | 26 | 48 | 34 | 14 | 25 | ${ }_{15}^{23}$ | 54 | ${ }_{93}^{99}$ | 17 | 58 59 |
| 10 9 | 101 | 21 | ${ }_{40}^{17}$ | 18 | 17 | 26 37 | 5 | 12 | 27 | 16 | 78 |  | 60 |
|  | 92 | 7 | 39 | 26 | 22 | 44 | 22 | 7 | 11 | 35 | 85 | 22 | 61 |
| 4 | 245 | 19 | ${ }^{68}$ | 33 | 42 | 104 | 4 | 33 | 21 | 27 | 233 | 19 | 62 |
| 6 | 149 | 1 | 27 | 28 | 64 | 58 | 11 | 34 | 12 | 81 | 132 | 17 | 63 |
|  | 118 | 11 | 30 | 16 | 9 | 6 | 11 | 5 | 28 | 19 | 54 | 23 |  |
| 7 6 | 104 | 8 | ${ }_{3}^{43}$ | ${ }^{23}$ | 55 | ${ }_{51}^{33}$ | 26 | 16 | 26 | 38 | 105 | 30 | 65 |
| 6 1 | 112 | 12 | ${ }^{33}$ | $\stackrel{21}{ }$ | 29 | 51 | 19 | 9 | 31 | 22 | 137 | 18 | ${ }_{67}^{66}$ |
| 12 | 205 | $\stackrel{9}{9}$ | 3 | 31 | 13 | 75 | 31 | ${ }_{28}$ | 81 | 23 | 116 | 17 | 68 |
| 16 | 198 |  | 17 | 81 | 13 | 58 | 33 | 31 | 34 | 24 | 121 | 39 | 69 |
| 7 | 35 | 3 | 20 | 15 | 24 | 18 | 8 | 12 | 14 | 10 | 58 | 14 | 70 |

dIncluding deaths from encephalitis.
e Included in deaths from other diseases of nervous system.
$f$ Including deaths from paralysis, but not including deaths from encephalitis.

Table VI.-DEATHS, BY CAUSES (2).

| Mar- <br> ginal <br> num- <br> ber. | Cities. | Number of deaths from- |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Organic heart disease. | Other | Diarrhea and enteritis. |  | Hernia and intestinal ob-struction. | Peri-tonitis. | Appendicitis. | Other diseases of digestive system. | Bright's disease. |
|  |  |  | dis- <br> eases of circulatory system. | $\begin{array}{\|l} \text { Under } \\ 2 \\ \text { years. } \end{array}$ |  |  |  |  |  |  |
| 1 | New York, N. Y | 4,626 | 737 | 5,796 | 977 | 478 | 118 | 439 | 1,838 | 4,813 |
| 2 | Chicago, Ill .... | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) |
| 3 | Philadelphia, Pa | 1,898 | 128 | 1,147 | 502 | 195 | 301 | 130 | 409 | -976 |
| 4 | St. Louis, Mo. | (b) | c 740 | d 786 | (e) |  | (e) | 15 | f182 | 427 |
| 5 | Boston, Mass | 871 | 273 | 610 | 86 | 102 | 110 | 104 | 228 | 123 |
| 6 | Baltimore, Md | 533 | 240 | 726 | 88 | 90 | 48 | 57 | 307 | 610 |
| 7 | Cleveland, Ohio | 271 | 214 | $l 339$ | (e) | 44 | 131 |  | 158 | 238 |
| 8 | Buffalo, N. Y ... | 290 | 136 | 399 | ${ }^{5} 1$ | 44 | 34 | 54 | 169 | 223 |
| 9 | San Francisco, Cal | 529 | 260 | 49 | 194 | 38 | 42 | 42 | 302 | 271 |
| 10 | Cincinnati, Ohio.. | 312 | 205 | 251 | 108 | 43 | 51 | 33 | 244 | 297 |
| 11 | Pittsburg, Pa .... | 205 | 154 | 503 | 67 | 41 | 62 | 38 | 220 | 209 |
| 12 | New Orleans, La | 520 | 137 | 300 | 106 | 48 | 26 | 25 | 185 | 429 |
| 13 | Detroit, Mich. | 275 | 83 | 290 | 61 | 30 | 76 | 35 | 169 | 183 |
| 14 | Milwaukee, Wis | 197 | 46 | 301 | 18 | 35 | 51 | 28 | 127 | 132 |
| 15 | Washington, D. C | 389 | 145 | 370 | 70 | 40 | 23 | 27 | 182 | 281 |
| 16 | Newark, N, J..... | 203 | 165 | 231 | 60 | 46 | 30 | 20 | 145 | 256 |
| 17 | Jersey City, N. J. | 169 | 107 | 254 | 57 | 40 | 41 | 16 | 133 | 137 |
| 18 | Louisville, Ky..... | 177 | 132 | 105 | 15 | 48 | 45 | 15 | 98 | 178 |
| 19 | Minneapolis, Minn | 137 | 48 | 70 | 24 | 23 | 58 | 32 | 63 | 76 |
| 20 | Providence, R.I.. | 251 | 50 | 273 | 76 | 38 | 17 | 30 | 202 | 194 |
| 21 | Indianapolis, Ind | 220 | 57 | 89 | 9 | 1 | 115 | 9 | 52 | 85 |
| 22 | Kansas City, Mo.. | 108 | 86 | 31 | 87 | 15 | 72 | 11 | 82 | 102 |
| 23 | St. Paul, Minn ... | 108 | 58 | 104 | 4 | 13 | 21 | 26 | 50 | 105 |
| 24 | Rochester, $\mathbf{N}$. Y | 260 | 45 | 59 | 40 | 14 | 43 | 22 | 78 | 119 |
| 25 | Denver, Colo. . | 110 | 73 | 64 | 25 | 24 | 38 | 26 | 74 | 100 |
| 26 | Toledo, Ohio. | 107 | 36 | 94 | 23 | 10 | 31 | 9 | 69 | 51 |
| 27 | Allegheny, Pa.. | 125 | 31 | 195 | 81 | 19 | 35 | 4 | 60 | 51 |
| 28 | Columbus, Ohio | 130 | 20 | 72 | 11 | 17 | 16 | 5 | 57 | 72 |
| 29 | Worcester, Mass | 191 | 7 | 119 | 9 | 15 | 30 | 20 | 31 | 96 |
| 30 | Syracuse, N. Y . | 128 | 78 | 48 | 38 | 27 | 13 | 1 | 48 | 87 |
| 31 | New Haven, Conn | 126 | 37 | 156 | 12 | 12 | 13 | 4 | 58 | 107 |
| 32 | Paterson, N. J.. | 135 | 26 | 122 | 27 | 9 | 38 |  | 20 | 47 |
| 33 | Fall River, Mass | 67 | 12 | 30 | 20 | 7 | 22 | 4 | 42 | 38 |
| 34 | St. Joseph, Mo. | 38 | 8 | 30 | 13 | 4 | 11 | 3 | 21 | 22 |
| 35 | Omaha, Nebr. | 56 | 7 | 18 | 6 | 6 | 23 | 11 | 26 | 13 |
| 36 | Los Angeles, Cal | 97 | 74 | 4 | 43 | 13 | 31 | 14 | 66 | 112 |
| 37 | Memphis, Tenn . | 49 | 15 | 91 | 41 | 11 | 31 | 18 | 34 | 129 |
| 38 | Scranton, Pa ... | 59 | 42 | 52 | 38 | 10 | 29 | 9 | 48 | 59 |
| 39 | Lowell, Mass | 197 | 24 | 185 | 37 | 15 | 18 | 6 | 41 | 41 |
| 40 | Albany, N. Y | 141 | 74 | 46 | 22 | 8 | 19 | 15 | 45 | 144 |
| 41 | Cambridge, Mass | 130 | 18 | 56 | 32 | 6 | 18 | 3 | 35 | 6 |
| 42 | Portland, Oreg . | 85 | 37 | 10 | 35 | 24 | 34 | 19 | 29 | 46 |
| 43 | Atlanta, Ga........ | 92 | 38 | 71 | 88 | 11 | 26 | 4 | 54 | 64 |
| 44 | Grand Rapids, Mich | 87 | 31 | 35 | 13 | 8 | 17 | 7 | 52 | 38 |
| 45 | Dayton, Ohio........ | 113 | 35 | 43 | 11 | 5 | 11 | 3 | 10 | 85 |
| 46 | Richmond, Va. | 103 | 20 | 48 | 67 | 16 | 14 | 6 | 64 | 55 |
| 47 | Nashville, Tenn | 108 | 14 | 75 | 38 | 10 | 22 | 1 | 38 | 48 |
| 48 | Seattle, Wash.. | 67 | 20 | 18 | 21 | 7 | 24 | 14 | 29 | 39 |
| 49 | Hartford, Conn. | 101 | 6 | 47 | 6 |  | 23 | 10 | 42 | 84 |
| 50 | Reading, Pa .... | 65 | 15 | 57 | 15 | 8 | 16 | 5 | 38 | 40 |
| 51 | Wilmington, Del | 90 | 41 | 87 | 3 | 6 | 17 | 1 | 47 | 39 |
| 52 | Camden, N. J . . . | 102 | 22 | 36 | 7 | 18 | 14 | 2 | 25 | 83 |
| 53 | Trenton, N. J | 77 | 42 | 64 | -31 | 6 | 9 |  | 19 | 38 |
| 54 | Bridgeport, Conn | 88 | 37 | 113 | 45 | 10 |  | 7 | 10 | 77 |
| 55 | Lynn, Mass.. | 89 | 38 | 35 | 4 | 11 | 18 | 6 | 31 | 22 |
| 56 | Oakland, Cal ...... | 118 | 35 | $l 19$ | (e) | 7 | 12 | 5 | 36 | 47 |
| 57 | Lawrence, Mass ... | 71 | 30 | 38 | 8 | 6 | 12 | 1 | 28 | 14 |
| 58 | New Bedford, Mass . | 112 | 24 | 95 | 48 | 14 | 11 | 2 | 14 | 1 |
| 59 | Des Moines, Iowa. | 26 | 17 | .19 | 10 | 6 | 12 | 2 | 40 | 32 |
| 60 | Springfield, Mass. | 105 | 19 | 38 | 7 | 4 | 9 | 6 | 13 | 87 |
| 61 | Somerville, Mass . | 74 | 10 | 18 | 21 | 2 | 10 | 5 | 30 | 23 |
| 62 | Troy, N.Y.... | 110 | 32 | 77 | 24 | 14 | 15 | 5 | 44 | 80 |
| 63 | Hoboken, N. J .. | 74 | 25 | 65 | 23 | 8 | 1 | 3 | 30 | 55 |
| 64 | Evansville, Ind. | 31 | 32 | 18 | 31 | 6 | 18 | 3 | 20 | 23 |
| 65 | Manchester, N. H | 70 | 28 | 119 | 28 | 5 | 14 |  | 35 | 46 |
| 66 | Utica, N. Y... | 71 | 26 | 33 | 21 | 7 | 23 | 4 | 42 | 52 |
| 67 | Peoria, Ill .. | 20 | 52 | 22 | 1 | 13 | 5 | 9 | 19 | 41 |
| 68 | Charleston, S. C. | 50 | 54 | 21 | 152 | 7 | 7 | 7 | 69 | 205 |
| 69 70 | Savannah, Ga | 70 | 20 | 7 | 64 | 2 | 14 | 4 | 58 | 85 |
| 70 | Salt Lake City, Utah | 47 | 12 | 20 | 4 |  | 8 | 1 | 15 | 29 |

a Data not obtainable.
$b$ Included in deaths from other diseases of circulatory system.
oIncluding deaths from organic heart disease.
d Including deaths from dysentery, diarrhea and enteritis 2 years or over, peritonitis, and gastritis.
$e$ Included in deaths from diarrhea and enteritis under 2 years.
$f$ Not including deaths from gastritis. $\quad g$ Included in deaths from other forms of tuberculosis.

Tarle VI.-DEATHS, BY゙ CAUSES (2).

\begin{tabular}{|c|c|c|c|c|c|c|c|c|c|c|c|c|c|}
\hline \multicolumn{12}{|c|}{Number of deaths from-} \& \& \\
\hline  \& Puerperal septic® mia. \& Other puerperal diseases. \& Diseases of the skin cellular
tissue. tissue \& Diseases of locomotor system. \& \[
\begin{aligned}
\& \text { Hy- } \\
\& \text { dro- } \\
\& \text { ceph- } \\
\& \text { alus. }
\end{aligned}
\] \& \[
\begin{gathered}
\text { Other } \\
\text { mal- } \\
\text { forma- } \\
\text { tons. }
\end{gathered}
\] \& \[
\left\{\left.\begin{array}{c}
\text { Infan } \\
\text { tile } \\
\text { dis- } \\
\text { eases. }
\end{array} \right\rvert\,\right.
\] \& Senile debility. \& \[
\begin{aligned}
\& \text { Sui- } \\
\& \text { cide. }
\end{aligned}
\] \& Accident. \& \[
\begin{gathered}
\text { nli-de } \\
\text { fined } \\
\text { dis- } \\
\text { eases. }
\end{gathered}
\] \& Total deaths \& \[
\begin{aligned}
\& \text { Mar- } \\
\& \text { ginal } \\
\& \text { num- } \\
\& \text { ber- }
\end{aligned}
\] \\
\hline 1,299 \& 244 \& 404 \& 192 \& 140 \& \& \& 1,822 \& 1,231 \& 713 \& 4,152 \& 2,230 \& 70, 720 \& \\
\hline (1) \({ }^{(a)}\) \& ( \({ }^{2}\) ) \& \({ }^{(a)}\) \& \(\stackrel{(a)}{74}\) \& \({ }^{(a)} 2\) \& \[
\dddot{(a)}
\] \& (a) \& (1, \({ }^{(a)}\) \& (a) \& (a) \({ }_{\text {(a) }}\) \& (a)
1,275 \& \& 24,406 \& 2 \\
\hline 1, \({ }^{174}{ }^{370}\) \& 23 \& \begin{tabular}{l}
83 \\
30 \\
\hline
\end{tabular} \& \begin{tabular}{l}
74 \\
16 \\
\hline
\end{tabular} \& \({ }_{6}^{2}\) \& \({ }^{21}\) \& (in) \({ }^{\text {a }}\) \& 71, 126 \& 823
580 \& 146 \& 1, 734 \& 162
17 \& 24, 137 \& \\
\hline 483 \& 31 \& 48 \& 18 \& 6 \& (5) \& \({ }^{2} 38\) \& , 834 \& 323 \& 87 \& 584 \& 117 \& 11, 300 \& \\
\hline 182 \& 55 \& 71 \& 33 \& 23 \& \& 16 \& 935 \& 373 \& 57 \& 484 \& 147 \& 10,479 \& \\
\hline 18 \& 21 \& 16 \& \& \& 7 \& 15 \& 606 \& 289 \& 56 \& 281 \& 181 \& 6,834 \& \\
\hline 109 \& 58 \& 65 \& 12 \& 9 \& \& 39 \& 206 \& 334 \& 53 \& 309 \& 5 \& 5,360 \& \\
\hline 156 \& 21 \& 43 \& 18 \& 2 \& 4 \& 6 \& 302 \& 191 \& 150 \& 416 \& 3 \& 7,008 \& \\
\hline 165 \& 29 \& 17 \& \(4{ }^{6}\) \& 7 \& \& 18 \& 262 \& 250 \& 73 \& 296 \& 2 \& 6, 155 \& 10 \\
\hline 41 \& \({ }_{31}^{32}\) \& 43 \& 5 \& 10 \& 11 \& 25 \& 266 \& 70 \& 45 \& 636 \& 63 \& 6,592 \& 11 \\
\hline \({ }_{6}^{91}\) \& 31
22 \& 30
78 \& \({ }_{12}^{23}\) \& 6 \& \& \& 149
260 \& 285
199 \& 32 \& 428
207 \& 228
60 \& - \(\begin{array}{r}\text { 6, } 478 \\ m 4.513\end{array}\) \& 12 \\
\hline 54
64 \& 22 \& 78
21 \& 12 \& 2 \& 6 \& \({ }^{22}\) \& 260
290 \& 199 \& 33
59 \& 207
170 \& 60
14 \& m4,513 \& 13 \\
\hline 137 \& 19 \& 36 \& 31 \& 17 \& \& 8 \& 421 \& 177 \& 38 \& 226 \& 9 \& 6,087 \& 15 \\
\hline 88 \& 27 \& 24 \& 21 \& \& 10 \& 15 \& 350 \& 119 \& 68 \& 331 \& 61 \& 4,806 \& 16 \\
\hline 98 \& 27 \& 20 \& 14 \& 7 \& 3 \& 9 \& \({ }_{329}^{329}\) \& 85 \& \({ }^{33}\) \& 291 \& 39 \& 4, 042 \& 17 \\
\hline \(\stackrel{44}{68}\) \& \(\begin{array}{r}9 \\ 13 \\ \hline 1\end{array}\) \& 19 \& 7 \& 7 \& 3 \& 9 \& \({ }_{106}^{232}\) \& 205
74 \& 26
20 \& 165
140 \& 19 \& 3, 497
2,510 \& 18 \\
\hline 117 \& 11 \& 28 \& 14 \& 3 \& \& 36 \& 114 \& 79 \& 15 \& 186 \& 34 \& 3,444 \& 20 \\
\hline 26 \& 1 \& 4 \& \& \& 18 \& \& 184 \& 122 \& 27 \& 238 \& 24 \& 2,579 \& 21 \\
\hline 32 \& 2 \& 7 \& 19 \& 2 \& \& 1 \& \(\begin{array}{r}236 \\ \hline 179\end{array}\) \& 59 \& 24 \& 250 \& 107 \& 2,673 \& 22 \\
\hline \({ }^{6}\) \& 2 \& 1 \& 17 \& 2 \& 2 \& 1 \& 179 \& 49 \& 19 \& 110 \& 14 \& 1,805 \& 23 \\
\hline 27
60 \& 5 \& 27 \& 7 \& 3 \& \& \& \& \& 11 \& 118 \& \({ }^{6}\) \& 2, 467 \& 24 \\
\hline 60
31 \& 2 \& 71
10 \& 2 \& 2 \& \({ }^{3}\) \& 5
6 \& \({ }_{64}^{83}\) \& 65
118 \& 16 \& 136
119 \& 14 \& 2,732 \& 25 \\
\hline 24 \& 7 \& 18 \& 1 \& 2 \& 4 \& 9 \& 108 \& 63 \& 24 \& 138 \& 30 \& 2, 425 \& 27 \\
\hline 10 \& 6 \& 3 \& 8 \& 1 \& \& 1 \& 73 \& 72 \& 23 \& 77 \& 11 \& 1,547 \& 28 \\
\hline 15 \& 18 \& 4 \& \& \& \& 4 \& 136 \& 90 \& 15 \& 85 \& \& 1,998 \& 29 \\
\hline 8 \& 8 \& 5 \& 10 \& \& \& 4 \& 80 \& 72 \& 8 \& 83 \& 71 \& 1,574 \& 30 \\
\hline 25 \& 13 \& 2 \& 18 \& 2 \& 2 \& 1 \& 119 \& 56 \& 14 \& 96

105 \& 35 \& 1,975 \& 31 <br>
\hline 40 \& 1 \& \& $\begin{array}{r}20 \\ 3 \\ \hline\end{array}$ \& 1 \& \& 7 \& ${ }_{315}^{156}$ \& \& 6
1 \& 105
50 \& ${ }_{23}^{33}$ \& 1, ${ }_{\text {2, }} \mathbf{1 4 3}$ \& 32 <br>

\hline \& \& $$
\begin{aligned}
& 6 \\
& 8
\end{aligned}
$$ \& \[

$$
\begin{aligned}
& \mathbf{3} \\
& \mathbf{1}
\end{aligned}
$$
\] \& 1 \& \& 1 \& 315

56 \& 47
20 \& 2 \& 50
64 \& 11 \& 2, 143 \& ${ }_{34}^{33}$ <br>
\hline 33 \& 9 \& 10 \& 8 \& \& 3 \& \& 104 \& 59 \& 3 \& 55 \& 18 \& 1,035 \& 35 <br>
\hline 42 \& 18 \& \& 10 \& 2 \& \& 1 \& 101 \& 62 \& 19 \& 82 \& 48 \& 1,985 \& <br>
\hline 6 \& 18 \& 1 \& 3 \& 1 \& \& 3 \& 44 \& 43 \& 16 \& 175 \& 220 \& 1, 926 \& 37 <br>
\hline 11 \& 1 \& \& 10 \& \& 2 \& 1 \& 119 \& 8 \& \& 171 \& \& 1,732 \& 38 <br>
\hline 58 \& 8 \& 7 \& 3 \& ${ }_{2}^{2}$ \& \& \& 205 \& 40 \& 9 \& 71 \& 32 \& 2, 038 \& 39 <br>
\hline 13
65 \& 9 \& 10
8 \& 5

4 \& $\stackrel{1}{3}$ \& $\frac{1}{7}$ \& 1 \& | 56 |
| :--- |
| 42 | \& 50

34 \& 10 \& 86
59 \& ${ }_{98}^{88}$ \& 1,759 \& 4 <br>
\hline 22 \& \& 8 \& 6 \& 1 \& 1 \& \& 52 \& 50 \& \& 118 \& 8 \& 1,172 \& 42 <br>
\hline 23 \& 2 \& 5 \& 3 \& 1 \& 2 \& 2 \& 83 \& 17 \& 2 \& 86 \& 156 \& 1, 931 \& 43 <br>
\hline 24 \& 5 \& 4 \& 3 \& 1 \& 2 \& \& 83 \& 50 \& 16 \& 55 \& 19 \& 1,140 \& 44 <br>
\hline 18
39 \& 4 \& \& 11 \& 1 \& \& \& 85
76
76 \& \& 7 \& 60
68 \& 23
98 \& 1, 1,907 \& 45
46 <br>
\hline \& 13 \& 8 \& 11 \& 1 \& \& 1 \& 76
142 \& 70
48 \& 6 \& 68
58 \& 98 \& $\xrightarrow{1,907}$ \& 46
47 <br>
\hline 5 \& 4 \& 3 \& 1 \& 1 \& \& \& 30 \& 16 \& 21 \& 61 \& 19 \& -876 \& 48 <br>
\hline \& \& \& \& \& \& 9 \& 92 \& 53 \& 8 \& 46 \& 26 \& 1,198 \& <br>
\hline 18 \& \& 2 \& 3 \& \& 1 \& \& 112 \& 29 \& 6 \& 75 \& 114 \& 1, 359 \& 50 <br>
\hline 24 \& \& 3 \& 16 \& \& 4 \& \& 113 \& 31 \& 4 \& 102 \& \& 1,404 \& 51 <br>
\hline 14 \& 8 \& 3 \& 8 \& 3 \& 2 \& 6 \& 147 \& 30 \& 4 \& 58 \& 47 \& 1,356 \& 52 <br>
\hline $\stackrel{45}{9}$ \& $\stackrel{3}{7}$ \& 5 \& 1 \& \& \& 8 \& 94 \& 27 \& 7 \& 74 \& 22 \& 1,231 \& 53 <br>
\hline $\stackrel{9}{3}$ \& 7 \& 9 \& 1 \& \& \& 7
3 \& 68
47 \& 48 \& 7 \& 50
37 \& 37
27 \& 1,224 \& $\stackrel{54}{55}$ <br>
\hline 19 \& 4 \& 1 \& 8 \& \& 2 \& \& 60 \& 34 \& 16 \& 46 \& 8 \& 1,048 \& 56 <br>
\hline 15 \& 7 \& 6 \& 4 \& 3 \& 2 \& 1 \& 204 \& 29 \& 13 \& 37 \& 35 \& 1,118 \& 57 <br>
\hline 69 \& 2 \& 1 \& 4 \& 2 \& \& 2 \& 116 \& 50 \& 6 \& 31 \& 12 \& 1,236 \& 58 <br>
\hline ${ }_{9}^{6}$ \& 5 \& ${ }_{6}$ \& 1 \& 1 \& $\stackrel{3}{3}$ \& $\frac{1}{3}$ \& 55 \& 24 \& \& 34 \& 55 \& 740 \& 59 <br>
\hline ${ }^{9}$ \& 5 \& 6 \& 2 \& \& 2 \& 3 \& 73 \& 42 \& 4 \& 50 \& 15 \& 933 \& 60 <br>
\hline 30
24 \& 3 \& 6 \& 7 \& \& \& 3 \& 47 \& 27 \& 5 \& 21 \& \& 831 \& 61 <br>
\hline 24 \& 11 \& 7 \& 2 \& \& 2 \& 5 \& 66 \& 55 \& ${ }^{6}$ \& 27 \& 35 \& 1, 662 \& 62 <br>
\hline ${ }^{2}$ \& 17
3 \& 11 \& \& \& \& 9 \& 50
59 \& 22 \& ${ }_{13}^{26}$ \& 88
40 \& 11 \& 1,157 \& ${ }_{64}^{63}$ <br>
\hline 10 \& 3 \& 3 \& 3 \& 2 \& \& 8 \& 101 \& 15 \& \& 35 \& 38 \& 1,131 \& 65 <br>
\hline 15 \& 2 \& 6 \& 10 \& \& \& 2 \& 55 \& 27 \& 8 \& 31 \& 27 \& 1,031 \& 66 <br>
\hline 5 \& 6 \& 4 \& \& \& \& 3 \& 31 \& 57 \& 11 \& 48 \& 21 \& 791 \& 67 <br>
\hline 19 \& 4 \& 14 \& \& 4 \& $\stackrel{3}{3}$ \& 49 \& 75 \& 45 \& 1 \& 52 \& 114 \& 1,725 \& 68 <br>
\hline \& \& \& \& \& \& \& 86 \& 49 \& 9 \& 65 \& \& 1,437 \& 69
70 <br>
\hline
\end{tabular}

$h$ Included in deaths from infantile diseases.
$j$ Included in deaths from other malformations.
$i$ Including deaths from other malformations.
$k$ Including deaths from hydrocephaius.
Including deaths from diarrhea and enteritis 2 years or over
$m$ Including 303 deaths occurring outside city limits. $n$ Not including 81 deaths of nonresidents.

Table VI.-DEATHS, BY CaUSES (1)-Concluded.

|  |  | Number of deaths from- |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Mar- <br> ginal <br> number. | Cities. | Typhoid fever. | $\begin{gathered} \text { Mala- } \\ \text { ria. } \end{gathered}$ | $\begin{gathered} \text { Small. } \\ \text { pox. } \end{gathered}$ | Measles. | $\begin{gathered} \text { Scar- } \\ \text { let } \\ \text { fever. } \end{gathered}$ | $\begin{aligned} & \text { Whoop- } \\ & \text { ing } \\ & \text { cough. } \end{aligned}$ | Diphtheria and croup. | Grippe | $\begin{aligned} & \text { Dys- } \\ & \text { en- } \\ & \text { tery. } \end{aligned}$ | Other epidemic diseases. |
| 71 | San Antonio, Tex .. | 23 | 43 |  | 9 | 12 | 7 | 20 | 23 | 18 | 6 |
| 72 | Duluth, Minn ....... | 41 |  | 1 |  | 1 | 1 | 27 | 5 | 2 | 7 |
| 73 | Erie, Ya............. | 8 | 1 |  | 40 | 3 | 19 | 9 | 2 | 2 | 2 |
| 74 | Elizabeth, N. J. | 15 | 1 |  | 1 | 4 | - 2 | 22 | 5 | 2 | 7 |
| 75 | Wilkesbarre, Pa.... | 18 |  |  | 3 | 9 |  | 19 | 6 | 1 | 4 |
| 76 | Kansas City, Kans. | 43 | 7 | 2 | 10 | 18 | 3 | 11 | 6 | 2 |  |
| 77 | Harrisburg, Pa ..... | 21 | 2 |  | 1 | 4 | 6 | 12 | 2 | 13 |  |
| 78 | Portland, Me....... | 13 | 2 | 1 | 1 |  | 7 | 23 | 4 | 3 | $\overline{3}$ |
| 79 | Yonkers, N. Y . . . . . | 6 | 2 | 10 |  | 2 | 1 | 19 |  | 1 | 3 |
| 80 | Norfolk, Va ......... | 32 | 21 |  | 3 |  | 22 | 6 | 15 | 16 | 3 |
| 81 | Waterbury, Conn. (a) | 15 | 3 |  | 1 | 6 | 13 | 16 | 26 | 5 | 6 |
| 82 | Holyoke, Mass ..... | 7 | 1 |  | 1 | 2 | 17 | 45 | 10 | 2 | 3 |
| 83 | Fort Wayne, Ind... | 16 | 1 | 2 | 2 | 5 | 2 | 8 | 11 | 5 | 1 |
| 84 | Youngstown, Ohio. | 59 | 5 |  | 4 | 3 |  | 23 | 12 | 2 |  |
| 85 | Houston, Tex ...... | 26 | 60 | 7 |  | 4 | 1 | 11 | 7 | 12 | 1 |
| 86 | Covington, Ky ..... | 17 | 5 |  | 1 | 1 | 9 | 13 | 24 | 10 | 4 |
| 87 | Akron, Ohio........ | 12 | 5 |  | 2 |  |  | 9 | 4 |  | 4 |
| 88 | Dallas, Tex......... | 17 | 33 |  | 3 | 4 | 1 | 4 | 4 | 12 | 4 |
| 89 | Saginaw, Mich . . . . | 13 | 5 | 1 |  | 1 | 2 | 16 | 9 | 3 | 5 |
| 90 | Lancaster, Pa ...... | 10 |  |  |  | 3 | 3 | 19 | 27 | 6 | 3 |
| 91 | Lincoln, Nebr ...... | 12 | 2 |  | 3 |  | 4 | 18 | 2 | 2 |  |
| 92 | Brockton, Mass..... | 6 | 2 |  | 1 | 9 |  | 11 | 10 | 2 | 14 |
| 93 | Binghamton, N. Y.. | 23 |  |  | 5 | 5 | 4 | 21 | 11 | 3 |  |
| 94 | Augusta, Ga........ | 15 | 43 | 1 | 5 | 10 | 3 | 11 | 19 | 10 | 6 |
| 95 | Pawtucket, R. I .... | 6 | 3 |  | 1 | 1 |  | 21 | 16 | 4 | 1 |
| 96 | Altoona, Pa ........ | 11 |  |  | 1 | 6 |  | 20 | 2 | 8 |  |
| 97 | Wheeling, W. Vr... | 38 | 1 | 1 | 5 | 12 | 6 | 24 | 17 | 2 | 2 |
| 98 | Mobile, Ala ........ | 28 | 20 | 3 |  | 7 | 1 | $\cdot 3$ | 9 | 8 | 7 |
| 99 | Birmingham, Ala .. | 38 | 6 |  | 1 | 13 |  | 9 | 4 | 18 | 2 |
| 100 | Little Rock, Ark ... | 28 | 25 | 1 | 1 | 5 | 4 | 4 | 24 |  | 8 |
| 101 | Springfield, Ohio... | 8 |  |  | 1 | 4 | 1 | 13 | 7 | 2 | 1 |
| 102 | Galveston, Tex.... | 10 | 8 | 6 |  | 1 |  | 8 | 3 | 10 | 3 |
| 103 | Tacoma, Wash ..... | 11 |  |  | 6 | 5 | 3 | 11 | 4 | 1 | 1 |
| 104 | Haverhill, Mass .... | 10 | 1 |  |  | 2 | 2 | 14 | 19 |  | 2 |
| 105 | Spokane, Wash..... | 19 |  | 2 |  | 4 | 1. | 5 | 7 | 2 | 1 |
| 106 | Terre Haute, Ind... | 27 | 6 |  | 3 | 8 | $-10$ | 13 | 17 | 3 |  |
| 107 | Dubuque, Iowa..... | 7 | 2 | 2 |  | 2 | 1 | 2 | 4 | 2 | 3 |
| 108 | Quincy, Ill .......... | 23 |  | 2 |  | 5 |  | 2 | 2 | 1 | 1 |
| 109 | South Bend, Ind ... | 19 | 1 |  | 1 | 1 | 2 | 6 | 11 | 5 | 2 |
| 110 | Salem, Mass ........ | 4 | 5 |  | 1 | 16 | 1 | 12 | 1.3 | 7 | 13 |
| 111 | Johnstown, Pa ..... | 40 |  |  |  | 8 | 1 | 23 | 2 | 6 | 1 |
| 112 | Elmira, N. Y ....... | 10 |  |  | 1 |  | 17 | 18 | 19 | 1 |  |
| 113 | Allentown, Pa....... | 17 |  |  |  |  |  | 15 | 4 |  | 2 |
| 114 | Davenport, Iowa ... | 11 |  | 1 | 4 | 5 | 5 | 6 | 5 | 5 | 3 |
| 115 | McKeesport, Pa.... | 29 |  |  | 1 | 14 | 1 | 16 |  | 5 | 2 |
| 116 | Springfield, Ill ..... | 8 | 1 | 3 | 5 | 1 | 2 | 25 | 4 |  | 4 |
| 117 | Chelsea, Mass ...... | 7 |  |  | 3 | 3 | 3 | 18 | 8 | 2 | 2 |
| 118 | Chester, Pa. . . . . . . . . | 14 | 1 | 3 |  |  | 1 | 18 | 8 | 2 |  |
| 119 | York, Pa. | 14 |  |  | 1 |  | 2 | 11 | 4 | 2 | 3 |
| 120 | Malden, Mass ...... | 9 |  | 1 | 1 |  | 7 | 11 | 8 | 2 | 1 |
| 121 | Topeka, Kans ....... | 15 | 6 |  |  | 8 | 3 | 4 | 3 | 1 |  |
| 122 | Newton, Mass....... | 6 | 1 | 1 |  | 1 |  | 11 |  | 3 |  |
| 123 | Sioux City, Iowa ... | 7 |  | 3 | 6 | 1 | 2 | 4 | 3 |  | 2 |
| 124 | Bayonne, N. J ....... | 2 | 1 | 2 | 6 | 4 | 1 | 11 | 6 | 3 |  |
| 125 | Knoxville, Tenn ... | 18 | 2 | 4 |  | 21 |  | 8 | 7 | 2 | 1 |
| 126 | Schenectady, N. Y... | 13 | 1 |  | i* | 3 | 1 | 29 | 2 |  | 4 |
| 127 | Fitchburg, Mass.... | 7 |  | 1 |  |  | 3 | 12 | 4 |  | 4 |
| 128 | Superior Wis....... | 14 |  |  | 2 | 2 | 1 | 9 | 12 |  | 5 |
| 129 | Rockford, Ill....... | 2 |  |  |  | 1 | 3 | 1 | 8 | 6 |  |
| 130 | Taunton, Mass ...... | 6 |  |  |  | 4 | 1 | 6 | 8 | 3 | 3 |
| 131 | Canton, Ohio ....... | 4 | 1 |  |  |  | 2 | 6 | 1 |  | 1 |
| 132 | Butte, Mont......... | 9 |  |  |  | 19 | 3 | 12 | 2 |  | 1 |
| 133 | Montgomery, Ala .. | 8 | 10 |  |  | 7 |  | 2 | 4 | 6 |  |
| 134 | Auburn, N. ${ }^{\text {Y }}$...... | 8 |  |  | i | 1 | i | 3 | 6 | 1 |  |
| 135 | Chattanooga, Tenn. | 22 | 7 |  |  | 2 | $\stackrel{2}{2}$ | 10 | 9 | 9 | 1 |
| 136 | East St. Louis, Ill .. | 14 | 4 | 2 |  | 11 | 2 | 10 | 7 | 1 |  |
| 137 | Joliet, Ill............ | 7 | 3 |  | 2 | 3 | 4 | 5 | 3 | 2 | 1 |

$a$ Including data for township.

Table VI.-DEATHS BY CAUSES (1)-Concluded.


Table VI.-DEATHS, BY CAUSES (2)-Concluded.

| Mar- <br> ginal <br> num- <br> ber. | Cities. | Number of deaths from- |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Other | Diarrh ente | ea and ritis. | Hernia |  |  | Other |  |
|  |  | Organic heart disease. | diseases of circula. tory system. | $\left.\begin{gathered} \text { Under } \\ 2 \\ \text { years. } \end{gathered} \right\rvert\,$ |  | and intestinal ob-struction. | Peri-tonitis. | Appendicitis. | eases of digestive system. | Bright's disease. |
| 71 | San Antonio, Tex .... | 38 | 28 | 92 | 15 | 1 | 10 | 8 | 44 | 52 |
| 72 | Duluth, Minn ........ | 23 | 17 | 66 | 5 | 6 | 11 | 9 | 13 | 31 |
| 73 | Erie, Pa . . . . . . . . . . . . . . | 52 | 11 | 49 | 10 | 10 | 9 | 9 | 26 | 33 |
| 74 | Elizabeth, N.J........ | 48 | 44 | 85 | 14 | 5 | 6 | 1 | 17 | 51 |
| 75 | Wilkesbarre, Pa ...... | 48 | 4 | 46 | 3 | 6 | 13 | 4 | 16 | 36 |
| 76 | Kansas City, Kans.... | 39 | 27 | 9 | 19 | 4 | 18 | 5 | 26 | 31 |
| 77 | Harrisburg, $\mathrm{Pa} . . . . .$. | 52 | 6 | 39 | 4 | 6 | 7 | 5 | 22 | 22 |
| 78 | Portland, Me. | 81 | 10 | 28 |  | 3 | 12 | 4 | 18 | 76 |
| 79 | Yonkers, N. Y | 44 | 31 | 45 | 11 | 7 | 7 | 7 | 25 | 44 |
| 80 | Norfolk, Va............ | 76 | 13 | 41 | 63 | 15 | 10 | 8 | 41 | 34 |
| 81 | Waterbury, Conn. (a) . | 27 | 23 | 79 | 11 | 11 | 2 | 5 | 24 | 33 |
| 82 | Holyoke, Mass........ | - 26 | 12 | 84 | 10 | 5 | 8 | 6 | 31 | 22 |
| 83 | Fort Wayne, Ind. | 17 | 18 | 19 | 5 | 2 | 17 | 2 | 26 | 33 |
| 84 | Youngstown, Ohio.... | 55 | 7 | 35 | 9 | 5 | 6 |  | 21 |  |
| 85 | Houston, Tex.......... | 35 | 11 | 49 | 15 | 4 | 7 | 4 | 42 | 33 |
| 86 | Covington, Ky......... | 65 | 44 | 29 | 7 | 4 | 15 | 3 | 27 | 29 |
| 87 | Akron, Ohio ............ | 38 | 4 | 16 | 3 | 3 | 7 | 1 | 14 | 21 |
| 88 | Dallas, Tex............ | 23 | 16 | 29 | 12 | 5 | 7 | 11 | 47 | 25 |
| 89 | Saginaw, Mich | 53 | 6 | 21 | 5 | 11 | 12 | 9 | 26 | 20 |
| 90 | Lancaster, Pa.......... | 46 | 14 | 16 | 22 | 4 | 2 | 3 | 17 | 22 |
| 91 | Lincoln, Nebr ........ | 15 | 6 | 10 | 3 | 4 | 3 | 2 | 15 | 13 |
| 92 | Brockton, Mass....... | 41 | 8 | 9 | 13 | 2 | 5 | 3 | 28 | 8 |
| 93 | Binghamton, N. Y.... | 35 | 13 | 13 | 1 |  | 12 | 11 | 20 | 32 |
| 94 | Augusta, Ga........... | 27 | 17 | 23 | 67 | 1 | 15 | 3 | 35 | 29 |
| 95 | Pawtucket, R, I........ | 72 | 6 | 47 | 13 | 6 | 1 | 2 | 21 | 28 |
| 96 | Altoona, Pa........... | 23 | 21 | 22 | 13 | 2 | 9 | 2 | 19 | 25 |
| 97 | Wheeling, W. Va | 46 | 9 | c 30 | ( ${ }^{\text {d }}$ | 11 | 7 | 4 | 35 | 21 |
| 98 | Mobile, Ala........... | 51 | 8 | 11 | 29 | 6 | 13 | 2 | 28 | 83 |
| 99 | Birmingham, Ala .... | 30 | 10 | 7 | 53 | 4 | 17 | 3 | 32 | 23 |
| 100 | Little Rock, Ark...... | 26 | 19 | 27 | 40 | 8 | 6 | 4 | 25 | 18 |
| 101 | Springfield, Ohio | 30 | 1 | 7 | 3 | 1 | 6 | 3 | 10 | 40 |
| 102 | Galveston, Tex ....... | 27 | 5 | 21 | 14 | 3 | 4 | 6 | 24 | 66 |
| 103 | Tacoma, Wash......... | 63 | 11 | 4 | 5 | 2 | 8 | 6 | 8 | 17 |
| 104 | Haverhill, Mass ...... | 36 | 10 | 29 | 4 | 5 | 3 | 2 | 9 | 20 |
| 105 | Spokane, Wash ....... | 36 | 9 | 12 | 6 | 4 | 11 | 10 | 19 | 17 |
| 106 | Terre Haute, Ind.... | 46 | 10 | 30 | 6 | 11 | 16 | 5 | 26 | 10 |
| 107 | Dubuque, Iowa....... | 33 | 11 | 17 | 1 | 2 | 7 | 3 | 18 | 20 |
| 108 | Quincy, Ill ............ | 19 | 9 | 24 | 5 |  | 8 | 4 | 21 | 23 |
| 109 | South Bend, Ind ..... | 14 | 16 | 31 | 3 | 6 | 9 | 2 | 15 | 19 |
| 110 | Salem, Mass ........... | 40 | 26 | 12 | 28 | 2 | 4 | 3 | 16 | 9 |
| 111 | Johnstown, Pa . . . . . . | 47 | 8 | 42 | 25 | 3 | 7 | 6 | 13 | 15 |
| 112 | Elmira, N. Y........... | 39 | 15 | 20 |  | 6 | 6 | 5 | 20 | 36 |
| 113 | Allentown, Pa........ | 39 | 4 | 12 | 5 | 3 | 5 | 3 | 14 | 26 |
| 114 | Davenport, Iowa ..... | 39 | 14 | 21 | 6 | 6 | 6 | 6 | 11 | 13 |
| 115 | McKeesport, Pa ...... | 18 | 6 | 39 | 32 | 5 | 18 | 2 | 20 | 6 |
| 116 | Springfiela, Ill......... | 21 | 4 | 17 | 9 | 6 | 9 | 7 | 27 | 30 |
| 117 | Chelsea, Mass.......... | 70 | 20 | 6 | 31 | 5 | 5 | 1 | 16 | 21 |
| 118 | Chester, Pa . . . . . . . . . . . | 33 | 12 | 37 | 4 | 10 | 6 |  | 17 | 10 |
| 119 | York, Pa. | 23 | 16 | 85 | 10 | 2 | 3 |  | 13 | 15 |
| 120 | Malden, Mass. | 43 | 14 | 17 | 10 | 2 | 4 | 2 | 10 | 14 |
| 121 | Topeka, Kans . . . . . . . | 26. | 9 | 16 | 6 |  | 6 | 13 | 24 | 3 |
| 122 | Newton, Mass . . . . . . . | 32 | 10 | 26 | 5 | 7 | 3 | 2 | 10 | 12 |
| 123 | Sloux City, Iowa. . . . . | 27 | 4 | 14 | 8 | 5 | 11 | 3 | 16 | 10 |
| 124 | Bayonne, $\mathbf{N}$. J. . . . . . . . | 4 | 17 | 49 | 8 | 4 | 8 |  | 23 | 23 |
| 125 | Knoxville, Tenn....... | 43 | 12 | 14 | 6 | 1 | 12 |  | 24 | 19 |
| 126 | Schenectady, N. Y ..... | 23 | 12 | 45 | 9 | 10 | 10 | 3 | 10 | 18 |
| 127 | Fitchburg, Mass . . . . . | 55 | 7 | 31 | 6 | 1 | 7 |  | 11 | 5 |
| 128 | Superior, Wis . . . . . . . . . | 17 | 3 | 46 | 3 | 4 | 4 |  | 6 | 12 |
| 129 | Rock ford, Ill ........... | 19 | 12 | 18 |  | 5 | 4 | 6 | 14 | 3 |
| 130 | Taunton, Mass. . . . . . . . | 37 | 6 | 42 |  | 5 | 5 | 4 | 6 | 18 |
| 131 | Canton, Ohio . . . . . . . . | 81 | 2 | 11 | 3 | 4 | 3 | 2 | 11 | 13 |
| 132 | Butte, Mont ........... | 16 | 2 | 24 | 11 | 4 | 7 | 6 | 11 | 27 |
| 133 | Montgomery, Ala..... | 29 |  | 22 | 15 | 2 | 8 | 2 | 22 | 19 |
| 134 | Auburn, N. Y ......... | 27 | 6 | 14 | 10 | 1 | 8 | 4 | 17 | 22 |
| 135 | Chattanooga, Tenn ... | 22 | 10 | 24 | 4 |  | 7 | 1 | 29 | 24 |
| 136 | East St. Louis, Ill . . . . | 9 | 6 | 11 | 3 | 8 | 4 | 2 | 7 | 8 |
| 137 | Joliet, Ill . . . . . . . . . . . . | 11 | 1 | 23 | 3 | 4 | 4 | 1 | 6 | 13 |

a Including data for township.
$\iota$ Not including deaths from premature birth.

Tarle VI.—DEATHS, BY CAUSES (2)-Concluded.

| Number of deaths from- |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Other dis- eases of gen- ito- uri- nary sys- tem. | Puerperal septi-COmia. | Other puerperal diseases. | Diseases of the skin and cellular tissue. | Diseases of l0comotor system. | $\begin{aligned} & \text { Hy- } \\ & \text { dro- } \\ & \text { ceph- } \\ & \text { alus. } \end{aligned}$ | Other mal-formations. | $\begin{gathered} \text { Infan- } \\ \text { tile } \\ \text { dis- } \\ \text { eases. } \end{gathered}$ | Senile debility. | Suicide. | Accident. | Ill-defined diseases. | Total | Mar- <br> ginal <br> number. |
| 8 | 7 | 6 | 4 | 8 | 2 | 4 | 64 | 28 | 12 | 69 | 39 | 1,255 | 71 |
| 2 | 5 | 2 | 2 | 1 | 1 | 1 | 26 | 16 | 11 | 80 | 12 | 725 | 72 |
| 10 | 9 | 4 | 2 |  |  | 5 | 66 | 25 | 8 | 38 | 7 | 811 | 73 |
| 15 | 4 | 6 | 1 |  | 1 | 2 | 80 | 25 | 7 | 68 | 17 | 966 | 74 |
| 1 | 8 | 3 | 8 |  |  | 2 | 69 | 33 | 6 | 67 | 36 | 746 | 75 |
| 13 |  | 6 | 2 |  |  |  | 40 | 20 | 3 | 59 | 60 | 858 | 76 |
| 14 | 6 |  | 6 |  | 1 |  | 72 | 39 | 1 | 55 | 23 | 719 | 77 |
| 13 | 6 | $\ddot{3}$ | 5 | $\ddot{2}$ | 1 |  | 49 | 45 | 2 | 39 | 13 | 878 | 78 |
| 24 | 3 | 4 | 1 |  | 2 | . 2 | 48 | 12 | 3 | 44 | 11 | 808 | 79 |
| 28 | 2 | 5 | 2 |  |  |  | 86 | 15 | 1 | 50 | 16 | 1,075 | 80 |
| 22 | 11 | 2 | 3 | 3 | 4 | - ${ }^{\circ}$ | 82 | 18 | 1 | 41 | 31 | - 895 | 81 |
| 14 | 1 | 2 | 2 |  | 1 | 3 | 88 | 17 | 6 | 38 | 22 | 876 | 82 |
| 21 | 3 | 4 | 5 |  |  | 2 | 37 | 26 | 6 | 41 | 17 | 681 | 83 |
| 18 | 1 | 1 | 3 | 1 |  | 1 | b 35 | 24 | 8 | 63 | 23 | b 701 | 84 |
| - 3 | 5 | 2 |  |  | 2 |  | 50 | 20 | 6 | 76 | 32 | 862 | 85 |
| 74 | 6 | 14 | 4 | 2 | 1 |  | 57 | 51 | 12 | 52 | 13 | 1,047 | 86 |
| 4 |  | 2 |  |  | 1 |  | 39 | 18 | 1 | 40 | 36 | 479 | 87 |
| 4 | 4 | 4 | 4 | 1 | 1 | 3 | 49 | 16 | 8 | 72 | 90 | 872 | 88 |
| 9 |  | 4 | 1 |  |  |  | 39 | 84 | 8 | 35 | 4 | 611 | 89 |
| 7 |  |  | 3 |  | 1 | 1 | 45 | 32 | 2 | 22 | 7 | 592 | 90 |
| 3 | 1 | 2 | 3 | 1 | 1 | 1 | 22 | 12 | 7 | 30 | 29 | 406 | 91 |
| 20 | 2 |  |  | 2 | 2 | 5 | 30 | 19 | 3 | 6 | 9 | 523 | 92 |
| 19 |  | 5 | 1 |  |  |  | 38 | 45 | 6 | 38 | 53 | 755 | 93 |
| 10 | 4 | 3 | 4 | 2 | 1 | 1 | 64 | 7 |  | 23 | 62 | 917 | 94 |
| 9 | 2 | 5 |  |  |  |  | 58 | 22 | 5 | 23 | 3 | 667 | 95 |
| 3 | 7 | 1 | 2 |  |  |  | 49 | 41 | 6 | 37 | 12 | 628 | 96 |
| 23 | 3 | 2 | 4 |  |  | 1 | 28 | 27 | 5 | 46 | 1 | 683 | 97 |
| 9 | 3 | 9 | 3 |  | 1 |  | 53 | 33 | 3 | 34 | 27 | 930 | 98 |
| 15 | 5 | 11 | 4 | 1 |  |  | 52 | 15 |  | 117 | 62 | 1,008 | 99 |
| 2 |  | 4 | 3 |  | 4 |  | b 21 | 10 |  | 46 | 58 | ${ }^{\text {b }} 794$ | 100 |
| 8 | 1 | 1 | 1 | 2 |  |  | 34 | 38 | 2 | 18 | 10 | 458 | 101 |
| 13 | 1 | 3 | 1 | . |  |  | 35 | 14 | 2 | 44 | 60 | 575 | 102 |
| 4 |  |  | 4 |  | 1 | 2 | b 26 | 11 | 11 | 44 | 17 | $b 474$ | 103 |
| 14 |  | 3 | 4 | 2 |  |  | 26 | 21 | 9 | 27 | 3 | 547 | 104 |
| 4 | 8 | 2. | 2 |  |  | ....... | 28 | 19 | 10 | 29 | 8 | 476 | 105 |
| 17 | 5 | 5 | 5 | 2 |  |  | 69 | 57 | 8 | 42 | 7 | 697 | 106 |
| 4 | 1 | 1 | 3 | 1 | 2 | 3 | 33 | 36 | 5 | 26 | 5 | 444 | 107 |
| 12 | 7 | 1 | 3 |  |  |  | 29 | 48 | 9 | 39 | 27 | 609 | 108 |
| 11 | 1 | 5 | 4 | 2 |  | 2 | 58 | 19 | 2 | 25 | 18 | 503 | 109 |
| 15 | 2 | 4 | 2 |  | 5 | ....... | 23 | 17 | 2 | 13 | 10 | 630 | 110 |
| 9 | 1 |  | 8 | 1 |  |  | 59 | 16 | 4 | 61 | 15 | 657 | 111 |
| 24 | 1 | 3 | 3 | 3 |  | 2 | 32 | 17 | 6 | 29 | 1 | 568 | 112 |
| 1 |  |  |  |  |  |  | 49 | 14 | 4 | 21 | 39 | 530 | 113 |
| 6 | 6 | 1 |  | 1 | 1 |  | 22 | 44 | 8 | 30 | 16 | 530 | 114 |
| 7 | 4 | 1 |  |  |  | 4 | 39 | 9 | 6 | 74 | 44 | 652 | 115 |
| 9 | 2 |  | 1 |  |  |  | 19 | 48 | 4 | 34 | 71 | 622 | 116 |
| 7 |  | 3 |  |  |  |  | 40 | 23 | 2 | 20 | 13 | 577 | 117 |
| 19 | 3 | 6 | 3 | 1 |  |  | 39 | 17 | 1 | 57 | 14 | 535 | 118 |
| 1 |  | 1 | 2 | 2 |  |  | 31 | 18 | 2 | 22 | 19 | 464 | 119 |
| 14 | 1 | . | 5 |  |  |  | 39 | 14 | 3 | 16 | 4 | 486 | 120 |
| 16 | 1 | 3 |  | 1 |  | ...... | 5 | 35 | 6 | 49 | 112 | 614 | 121 |
| 20 | 6 | 3 |  |  |  | 2 | 23 | 21 |  | 23 | 7 | 484 | 122 |
| 15 | 2 | 1 | 3 | 1 | 1 |  | 30 | 9 |  | 40 | 17 | 446 | 123 |
| 9 | 1 | 6 | 2 | 3 | 1 | 7 | 44 | 6 | 4 | 46 | 21 | 581 | 124 |
| 2 | 6 |  |  | 1 |  |  | 25 | 15 | 2 | 24 | 36 | 565 | 125 |
| 14 | 3 | 2 |  | 1 |  |  | 34 | 15 | 1 | 45 | 37 | 606 | 126 |
| 11 | 5 |  |  |  |  |  | 67 | 28 | 2 | 24 | 2 | 469 | 127 |
| 2 | 2 |  | 2 | 2 |  |  | 48 | 23 | 3 | 57 | 21 | 475 | 128 |
| 6 | 5 | 4 | 2 |  |  |  | 25 | 19 | 5 | 15 | 23 | 422 | 129 |
| 15 | 6 |  | 1 | 1 |  |  | 38 | 41 | 6 | 16 | 5 | 560 | 130 |
| 1 |  |  |  |  | 2 | 1 | 14 | 17 |  | 10 | 9 | 288 | 131 |
| 13 |  | 2 |  |  |  | 1 | 33 | 11 | 10 | 62 | 36 | 486 | 132 |
| 10 |  |  |  | 1 | 2 |  | 8 | 15 | 2 | 19 | 20 | 381 | 133 |
| 7 |  |  |  |  |  | 1 | 43 | 20 | 2 | 21 | 8 | 426 | 134 |
| 3 |  |  | 1 |  |  |  | 39 | 17 | 1 | 39 | 60 | 585 | 135 |
| 3 | 3 | 1 |  |  |  |  | 19 | 15 |  | 61 | 35 | 439 | 136 |
| 7 | 1 |  | 2 | 1 |  | ........ | 80 | 16 | 3 | 28 | 26 | 365 | 137 |

c Including deaths from diarrhea and enteritis 2 years or over.
a Included in deaths from diarrhea and enteritis under 2 years.

Table VII-PERCENTAGE OF DEATHS FROM EACH SPECIFIED CAUSE (1).

| $\begin{aligned} & \text { Mar- } \\ & \text { ginal } \\ & \text { num- } \\ & \text { ber. } \end{aligned}$ | Cities. | Ty- phoid fever. | $\begin{gathered} \text { Mala- } \\ \text { ria. } \end{gathered}$ | $\begin{aligned} & \text { Small- } \\ & \text { pox. } \end{aligned}$ | Measles. | $\begin{gathered} \text { Scar- } \\ \text { lete } \\ \text { fever. } \end{gathered}$ | $\left.\begin{aligned} & \text { Whoop- } \\ & \text { ing } \\ & \text { cough. } \end{aligned} \right\rvert\,$ | Diphand croup. | Grippe. | $\begin{aligned} & \text { Dys- } \\ & \text { en- } \\ & \text { tery. } \end{aligned}$ | Other epidemic diseases. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | New York, N. Y | 1.03 | 0.28 | 0.58 | 0.63 | 1.64 | 0.41 | 2.92 | 1.21 | 0.49 | 0.30 |
| 2 | Chicago, $111 .$. | (a) | (a) | (a) | (a) | (a) | ${ }^{(a)}$ | (a) | (a) | (a) | (a) |
| 3 | Philadelphia, | 1.84 | . 08 | . 65 | . 11 | . 91 | 1.08 | 2. 74 | . 81 |  | . 38 |
| 4 | St. Louis, Mo. | 1.87 | . 75 | . 09 | .32 | . 65 | . 76 | 2.90 | . 76 | (b) | . 48 |
| 5 | Boston, Mass | 1. 26 | . 01 | 65 | . 91 | 1.86 | . 67 | 3.12 | 1.47 | . 25 | . 04 |
| 6 | Baltimore, Md. | 1.36 | 33 |  | . 03 | . 10 | . 60 | 1.63 | 1.22 | . 47 | . 49 |
| 8 | Cleveland, Ohio | 2.40 | 10 | . 34 | .17 | . 58 | . 19 | 3.70 |  | . 36 | . 46 |
| 8 | Buffalo, N. Y..... | 1.85 |  | . 04 | . 41 | . 84 | 1.19 | 2.67 | . 67 | .69 | . 31 |
| 10 | Cincinnatis Ohio. | 1.00 | . 20 | .04 | ${ }^{.38}$ | . 19 | . 87 | 1.38 | . 81 | . 23 | . 71 |
| 11 | Cittsburg, Pa .... | 6.31 | . 24 | 05 | 1.3 1.00 | 1.77 | +28 | 1.12 2.50 | 1.77 1.70 | . 89 | $\stackrel{.02}{2}$ |
| 12 | New Orleans, La | 2.18 | 1.79 | . 80 | . 02 | . 96 | . 34 | . 63 | 1.19 | 1.17 | . 42 |
| 13 | Detroit, Mich. | 1.04 | . 24 | . 02 | 1.09 | . 33 | . 22 | 1.37 | . 38 |  | . 64 |
| 14 | Miswaukee, Wis | 1.64 |  | 08 | . 44 | 42 | 55 | 2.61 | 1.96 | 08 |  |
| 15 | Wasnington, D.C | 3.17 1.19 | . 79 |  | . 28 | . 11 | 1.21 | 1.41 | 2.97 | ${ }_{54}^{53}$ | ${ }_{39} 38$ |
| 17 |  | 1.87 | . 32 | 1.48 .10 | . 27 | . 69 | .60 | 2.14 | . 77 | . 54 | . 37 |
| 18 | Lousvile, Ky | 3.46 | . 43 | . 06 | .06 | .09 | . 17 | 1.52 | 1.43 | 1.06 | . 23 |
| 19 | Minneapolis, Min | 4.82 |  |  | . 40 | . 48 | . 60 | 7.57 | 96 | . 04 | 1.91 |
| 20 | Proviaence, R.I. | 1.36 | 06 | . 06 | . 09 | .26 | . 38 | 2.53 | 1.86 | . 57 |  |
| 21 | Indianapolis, Ind. | 1.94 | . 64 | 08 | . 19 | . 39 | . 19 | 1.40 | 1.51 | . 77 | . 48 |
| 22 | Kansas C ty Mo. | 2.77 | . 64 | 22 |  | 1.05 | . 11 | 1.50 | 1.46 | . 22 | . 26 |
| 23 | St Paul, Minn | 1.33 |  | 06 | . 38 | 1.00 | .17 | 2.88 | . 78 | . 78 | . 33 |
| 24 | Rochester, N. Y | 1.26 2.45 |  | 11 | . 28 | . 16 | . 24 | . 89 | . 61 | . 41 | . 28 |
| 26 | Toledo Ohio | 2.63 | . 17 |  | .29 | 1.8 | 88 | 1.62 | 1.34 | .35 | 17 |
| 27 | Allegheny, P | 5.53 | . 12 | 04 | 1.11 | 1. 20 | 1.03 | 2.19 | . 74 | . 83 | 1.40 |
| 28 | Corumbus, Ohio | 3.04 | . 32 |  |  | 1.29 | . 39 | 65 | 2.46 | . 78 | . 45 |
| 29 | Worcester, Mass | 1.30 | . 15 | 20 | . 10 | . 65 | . 60 | . 8.85 | ${ }^{65}$ | . 50 | 50 |
| 30 31 |  | 1.14 5.21 | . 51 |  | .61 | . 19 | 1.11 | 1.46 | $\begin{array}{r}\text { 3.09 } \\ \hline\end{array}$ | 1.77 | 1.01 |
| 32 | Paterson, N.J. | 1.60 | . 05 | . 11 | . 05 | .61 | . 72 | 1.11 | . 28 | . 94 | 05 |
| 33 | Fall Rıver, Mass | . 98 | . 14 | . 05 | . 33 | . 09 | . 42 | 1.07 | . 37 | 1.17 | 9.80 |
| 34 | St. Joseph, Mo | 2.98 | . 45 | 1.49 | . 74 | . 74 | . 74 | 1.79 | . 74 | . 45 | . 15 |
| 35 | Omaha, Nebr .-. | 2.32 |  | 39 |  | . 97 | . 87 | 1.16 | 1.45 | 48 | . 29 |
| 36 87 | Los Angeles, $\mathrm{Cal} . .$. | 1.61 |  |  | . 05 | . 31 | .20 | 1.01 | 1.41 | . 30 | . 25 |
| 38 | Memphis, Tenn | 2.28 1.79 | ${ }^{6.28}$ | . 57 | . 46 | . 31 | . 10 | $\stackrel{\text { 2, }}{26}$ | 1.97 1.56 | 2.03 .63 | . 27 |
| 39 | Lowell, Mass | . 88 | . 10 |  | . 83 | . 15 | .69 | 5.74 | 1.27 | .20 | . 34 |
| 40 | Albany, N. Y | 1.36 | 11 |  | .34 | . 45 | . 23 | 2. 44 | 1.71 |  | . 40 |
| 41 | Cambridge, Mass | . 64 | . 06 | 19 | ${ }^{64}$ | . 51 | . 70 | 3.75 | 3.11 | 13 | . 64 |
| 42 | Portland, Oreg | 1.96 |  |  | . 34 | . 26 |  | 2. 22 | 2.90 | . 51 | . 85 |
| 43 | Atlanta, Ga . .i. | 3.00 | . 62 | . 05 | . 93 | 1.04 | . 78 | 1.24 | 1.92 | 1.40 | . 47 |
| 44 | Grand Rapids, Mich. | 2.89 | . 58 |  | . 08 | . 61 | . 09 | 1.58 | . 44 | . 79 | . 61 |
| 46 | Richmond, Va | 1.68 | 1.15 |  | . 08 | . 24 | 1.84 | 1.48 .68 | - 2.65 | 2.04 1.00 | . 73 |
| 47 | Nashville, Tenn | 2.33 | 1. 64 |  |  | . 69 | . 44 | .76 | 1.95 | 1.76 | 19 |
| 48 | Seattle, Wash | 2.51 |  | . 34 | . 34 | 80 | . 23 | 1.48 | .34 | . 46 | 69 |
| 49 | Hartford, Conn | 2.08 | . 50 |  | . 25 | 1.09 | . 08 | 2.92 | 1.00 | . 08 | . 75 |
| 50 | Reading, Pa. | 2.58 | . 07 |  | . 07 | 1.62 | 1.40 | 4. 27 | 1.10 | 29 | . 22 |
| 51 | Wilmington, De | 2.35 | . 21 |  |  | . 21 | . 64 | 2.78 | 1.42 | . 57 | 14 |
| 52 | Camden, N.J. | . 96 |  | 07 |  | 44 | . 62 | 4.42 | 81 | . 37 | 22 |
| 58 | Trenton, N.J. | 1.14 | . 16 | . 08 | . 16 |  | . 81 | . 81 | . 97 | 41 | . 16 |
| 54 | Bridgeport, Conn <br> Lynn, Mass | 1.06 .98 | . 82 |  | . 33 | $\begin{array}{r}1.14 \\ \hline\end{array}$ | . 98 | 1.63 | 2.45 |  | . 25 |
| ${ }_{56}$ | Oakland, Cal. | . 98 | . 10 |  | . 19 | . 18 | . 10 | 1.33 <br> 1.05 | . 98 | . 29 | 110 |
| 57 | Lawrence, Mass | 1.07 |  |  | . 09 |  | . 09 | 1.43 | . 98 | . 18 | . 09 |
| 58 | New Bedford, Mass. | 1.54 |  | . 49 | .16 | . 81 |  | 1.13 | 49 | . 49 | . 16 |
| 59 | Des Moines, Iowa .- | 1.76 | . 13 | 13 | . 13 | . 95 |  | 4.46 | 2.30 | . 13 | .41 |
| 60 | Springfield, Mass... | 1.72 | . 43 |  | . 11 | .21 | . 54 | 1.39 | 1.39 | . 32 | . 11 |
| 61 | Somerville, Mass... | 1.44 |  |  | . 36 | . 60 | . 72 | 3.37 | 1.69 | . 60 | . 48 |
| 62 | Troy, N. Y. | 2.59 |  |  | 1.14 | . 48 | . 60 | 1.57 | 3.01 | 48 | . 30 |
| 63 | Hoboken, N.J. | 1.21 |  | . 52 | . 52 | : 86 | . 09 | 2.59 |  | . 52 | . 26 |
| 64 | Evansville, Ind | 2.15 | . 54 |  |  | :13 | . 54 | 1.07 | . 94 | 1.21 | 13 |
| ${ }_{6}^{65}$ | Manchester, N . H... | . 97 | 09 |  |  | . 80 | . 71 | . 71 | . 71 | . 71 | . 09 |
| 67 | Utica, Peoria, Ill | .87 1.90 | . 51 | . 13 | . 29 | . 19 | . 97 | 2.43 .76 | 1. 77 | $\begin{array}{r}.49 \\ \hline 1.01\end{array}$ | . 89 |
| 68 | Charleston; S . | 2.78 | 2.78 |  |  | . 35 |  | . 58 | 2.38 | . 99 | 64 |
| 70 | Savannah, Ga Saltuakecity, Utah. | $\stackrel{4}{4} 8$ | 5. 22 | 57 | 28 | + | 8 | ${ }_{6} .70$ | 1.32 | . 76 | 07 |

a Data not obtainable.
$b$ Included in deaths from diarrhea and enteritis under 2 years.
c Including deaths from hydrocephalus.

Table VII－－PERCENTAGE OF DEATHS FROM EACH SPECIFIED CAUSE（1）．

|  |  |
| :---: | :---: |
|  <br>  |  |
|  |  |
| 笑 | $\mathbb{O}_{1}^{\circ}$ |
|  |  |
|  <br>  | 管第 |
| N תix |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  <br>  |  |
|  \＆ |  |
|  |  |

## d Including deaths from encephalitis．

$e$ Included in deaths from other diseases of nervous system．
fIncluding deaths irom paralysis，but not including deaths from encephalitis．

TABLE VII.-PERCENTAGE OF DEATHS FROM EACH SPECIFIED CAUSE (2).

| $\begin{aligned} & \text { Mar- } \\ & \text { ginal } \\ & \text { num- } \\ & \text { ber. } \end{aligned}$ | Cities. | Organic heart disease | Other diseases of circulatory system. | Diarrhea and enteritis. |  | $\begin{array}{\|c\|} \text { Her- } \\ \text { nia } \\ \text { and } \\ \text { intesti- } \\ \text { nal ob- } \\ \text { struc- } \\ \text { tion. } \end{array}$ | Peri-tonitis. | Appen dicitis | Other diseases of digestsystem. | Bright's disease |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\left\lvert\, \begin{gathered} \text { Under } \\ 2 \\ \text { years. } \end{gathered}\right.$ | $\begin{gathered} 2 \\ \text { years } \\ \text { or } \\ \text { over. } \end{gathered}$ |  |  |  |  |  |
| 1 | New Y | 6.54 | 1.04 | 8.20 | 1.38 | 0.68 | 0.17 | 0.62 | 2.60 |  |
| 3 | Chicago, Ill. |  | ${ }^{(a)}$ | (a) | (a) | ${ }^{(a)}$ | (a) | ${ }^{(a)}$ |  |  |
| 4 | St. Louis, Mo | (b) | c6. ${ }^{\text {c }} 9$ | 47.41 | (e) | . 81 | (e) 1.25 | . 14 | ${ }^{1.69}$ | 4.04 4.03 |
| 5 | Boston, Mass | 7.71 | 2.42 | 5. 40 | . 76 | 9 | . 97 | . 92 | 2.02 | 1.09 |
| 6 | Baltimore, Md | 5.09 | 2.29 | 6.93 | . 84 | . 86 | . 46 | . 54 | 2.93 | 5.82 |
| 7 | Cleveland, Oh | 4.65 | 3.67 | $t 5.81$ | (e) | . 75 | 2.25 |  | 2. 62 | 4.08 |
| 8 | Buffalo, N. Y. | 5.41 | 2.54 | 7.44 |  | . 82 | . 64 | 1.01 | 3.15 | 4.16 |
| 10 | San Francisco, C | 7.55 | 3.71 | . 70 | 2.77 | . 54 | 60 | . 60 | 4.31 | 3.87 |
| 10 | Cincinnati, Ohio | 5.07 | 3.33 | 4.08 | 1.75 | . 70 | . 83 | . 54 | 3. 96 | 4. 82 |
| 11 | Pittsburg, Pa | 3.11 | 2.34 | 7.63 | 1.02 | . 62 | .94 | . 58 | 3.34 | 3.17 |
| 12 | New Orleans, | 8.03 | 2.11 | 4. 63 | 1.64 | . 74 | +40 | . 39 | 2.86 | 6.62 |
| 13 | Detroit, Mich. | 6.09 | 1.84 | 6.43 | 1.35 | . 67 | 1.68 | 78 | 3.74 | 4.06 |
| 14 | Milwaukee, Wis. | 5.14 | 1.20 | 7.85 | . 47 | .91 | 1.33 | . 73 | 3.31 | 3.44 |
| 15 | Washington, D.C..... | 6.39 | 2.38 | 6.08 | 1.15 | .66 | . 38 | . 44 | 2.99 | 4.62 |
| 16 | Newark, N. J. | 4.22 | 3. 43 | 4.81 | 1.25 | . 99 | . 62 | . 42 | 3.02 | 5.33 |
| 17 | Jersey City, N. J ...... | 4.18 | 2.65 | 6. 28 | 1. 41 | +.99 | 1.01 | . 40 | 3. 29 | 3.39 |
| 18 | Louisville, Ky ........ | 5.06 | 3.77 | 3.00 | . 43 | 1.37 | 1. 29 | . 43 | 2.80 | 5.09 |
| 19 | Minneapolis, Min | 5.46 | 1.91 | 2.79 | 96 | 91 | 2.11 | 1.27 | 2.51 | 3.03 |
| 20 | Providence, R.I. | 7.29 | 1.45 | 7.93 | 2.21 | 1.10 | . 49 | . 87 | 5.86 | 5.63 |
| 21 | Indianapolis, Ind | 8.53 | 2.21 | 3.45 |  | . 04 | 4.46 | . 35 | 2.02 | 3.30 |
| 22 | Kansas City, Mo. | 4.04 | 3.22 | 1.16 | 3.25 | . 56 | 2.69 | 41 | 3.07 | 3.81 |
| 23 | St. Paul, Minn. | 5. 98 | 3.21 | 5.76 | 22 | . 72 | 1.16 | 1.44 | 2.77 | 5.82 |
| 24 | Rochester, N. Y | 10.54 | 1.83 | 2. 39 | 1.62 | . 57 | 1.74 | 89 | 3. 16 | 4.82 |
| 25 | Denver, Colo | 4.03 | 2.67 | 2.34 | . 91 | . 88 | 1.39 | . 95 | 2.71 | 3.66 |
| 27 | Toledo, Ohio | 6.25 | 2.10 | 5.49 | 1.34 | . 58 | 1.81 | 53 | 4.03 | 2.98 |
| 28 | Allegheny, ${ }^{\text {Columbus }}$ | 5.15 | 1.28 | 8.04 | 3. 31 | 78 | 1.44 | 17 | 2.47 | 2.10 |
| 29 | Worcester, Ma | 8.40 9.56 | $\begin{array}{r}1.29 \\ \hline 5\end{array}$ | 4. 65 5.96 | .71 | 1.10 .75 | 1.03 1.50 | - 1.00 | 3.68 1.55 | 4. <br> 4.81 |
| 30 | Syracuse, N . Y. | 8.13 | 4.96 | 3.05 | 2.41 | 1.72 | . 88 | . 06 | 3. 05 | 9.53 |
| 31 | New Haven, Con | 6.38 | 1.87 | 7.90 | . 61 | . 61 | 66 | . 20 | 2.94 | 5.42 |
| 32 | Paterson, N. J | 7.47 | 1.44 | 6.75 | 1.49 | . 50 | 2.10 |  | 1.11 | 2.60 |
| 33 | Fall River, Mas | 3.13 | 56 | 1. 40 | 93 | . 33 | 1.03 | . 19 | 1.96 | 1.77 |
| 34 | St. Joseph, Mo | 5.66 | 1.19 | 4.47 | 1.93 | . 60 | 1.64 | .45 | 3.13 | 3.27 |
| 35 | Omaha, Nebr | 5.41 | 68 | 1.74 | 58 | . 58 | 2.22 | 1.06 | 2.51 | 1.26 |
| 36 | Los Angeles, Ca | 4.89 | 3.73 | . 20 | 2.17 | . 65 | 1.56 | . 71 | 3.33 | 5.64 |
| 87 | Memphis, Tenn | 2.55 | 78 | 4.73 | 2.13 | . 57 | 1.61 | 93 | 1.77 | 6.70 |
| ${ }_{39}^{38}$ | Scranton, Pa, | 3.41 | 2.42 | 3.00 | 2.19 | . 58 | 1.67 | 52 | 2.77 | 3.41 |
| 39 | Lowell, Mass | 8.67 | 1.18 | 9.08 | 1.82 | . 74 | . 88 | . 29 | 2.01 | 2.01 |
| 41 | Albany, N. Y ... | 8.02 | 4.21 | 2.62 | 1.25 | . 45 | 1.08 | . 85 | 2.56 | 8.19 |
| 42 | Cambridge, Mass | 8.26 | 1.14 | 3.56 | 2.03 | . 38 | 1.14 | 19 | 2.22 | . 38 |
| 42 | Portland, oreg | 7.25 | 3.16 | . 85 | 2.99 | 2.05 | 2. 90 | 1.62 | 2.47 | 3.92 |
| 44 | Atlanta, Ga. | 4.76 | 1.97 | 3.68 | 4. 56 | . 70 | 1.35 | . 21 | 2.80 <br> 4 <br> 8 | 3.31 |
| 45 | Drayton, Ohio | 7.63 9.21 | 1.82 2.85 | 3.07 8.50 | $\begin{array}{r}1.14 \\ .90 \\ \hline\end{array}$ | . 71 | 1.49 .90 | . 61 | $\begin{array}{r}4.56 \\ .82 \\ \\ \hline 8\end{array}$ | 3.33 6.93 |
| 46 | Richmond, Va | 5.40 | 1.05 | 2.52 | 3.51 | . 84 | . 73 | . 31 | 3.36 | 2.88 |
| 47 | Nashville, Ten | 6.81 | . 88 | 4.73 | 2.39 | . 63 | 1.39 | . 06 | 2.39 | 3.03 |
| 48 | Seattle, Wash. | 7.65 | 2.28 | 2.05 | 2.40 | . 80 | 2.74 | 1.60 | 3.31 | 4.45 |
| 49 | Hartford, Conn | 8.48 | . 50 | 3.92 | . 50 |  | 1.92 | . 84 | 3.61 | 7.01 |
| 50 | Reading, Pa | 4.78 | 1.10 | 4.19 | 1.10 | . 59 | 1.18 | . 37 | 2.80 | 2.94 |
| 51 | Wilmington, D | 6. 41 | 2.92 | 6. 20 | . 21 | .43 | 1.21 | . 07 | 3.35 | 2.78 |
| 52 | Camden, N.J | ${ }^{7.52}$ | 1.62 | 2. 66 | . 52 | 1.33 | 1.03 | .15 | 1.84 | 6.12 |
| 53 | Trenton, N. J | 6. 26 | 3.41 | 5.20 | 2.52 | . 49 | 73 |  | 1.54 | 3.09 |
| 54 55 | Bridgeport, C | 7.19 | 3.02 | 9.23 | 3.68 | 82 |  | . 57 | . 82 | 6. 29 |
| 55 56 | Lynn, Mass.. | 8.73 | 3.73 | 3.43 | . 39 | 1.08 | 1.76 | . 69 | 3.04 | 2.16 |
| 56 57 | Oakiand, Cal ... | 11. 26 | 3.34 | ${ }^{11.81}$ | (e) | . 64 | 1.15 | . 48 | 3.44 | 4.48 |
| $\stackrel{57}{58}$ | Lewrence, Mars. ${ }^{\text {New }}$ | 6.35 9.06 | 2.68 | 3.40 7 | ${ }^{1} 8$ | . 54 | 1.07 | . 16 | 2.50 | 1.25 |
| 59 | Des Moines, Iowa .. | 3.51 | 2.30 | 2.57 | 1.35 | 1.81 | 1.62 | .27 | 5.41 | 4.33 |
| 60 | Springfield, Mass | 11. 25 | 2.04 | 4.07 | 75 | . 43 | 96 | . 64 | 1.39 | 9.33 |
| 61 | Somerville, Mass | 8.91 | 1.20 | 2.17 | 2.53 | . 24 | 1.20 | . 60 | 3.61 | 2.77 |
| 62 | Troy, N. Y | 6.62 | 1.93 | 4.63 | 1.44 | . 84 | . 90 | . 30 | 2.65 | 4.81 |
| ${ }_{64}^{63}$ | Hoboken, $\mathrm{N} . \mathrm{J}$ | 6.39 | 2.16 | 5.62 | 1. 99 | 26 | .09 | .26 | 2.59 | 4.75 |
| ${ }_{6}^{64}$ | Evansville, Ind | 4.16 | 4.30 | 2.42 | 4.16 | . 80 | 2.42 | . 40 | 2.68 | 3.09 |
| 65 66 | Manchester, N. H | 6.19 | 2.48 | 10.52 | 2.48 | 44 | 1.24 |  | 3.09 | 4.07 |
| 66 | Utica, N. Y | 6.89 | 2.52 | 3.20 | 2.04 | 68 | 2.23 | . 39 | 4.07 | 5.04 |
| 68 | Peoria, III | 2.53 | 6.57 | 2.78 | . 13 | 1.64 | . 68 | 1.14 | 2.40 | 5.18 |
| 68 | Charleston,S.C | 2.90 | 3.13 | 1.22 | 8.81 | . 11 | 41 | . 21 | 4.00 | 11.88 |
| 70 | Savannah, Ga Salt Lake City, Utah.. | 4.87 6.66 | 1.39 1.70 | .49 2.83 | 4.45 .57 | . 71 | .97 1.13 | $\begin{array}{r}28 \\ \hline 9\end{array}$ | ${ }_{2}^{4.04}$ | 5.91 4.11 |

$a$ Data not obtainable.
bIncluded in deaths from other diseases of circulatory system.
$\sigma$ Including deaths from organic heart disease.
a Including deaths from dysentery, diarrhea and enteritis 2 years or over, peritonitis, and gastritis.
$\epsilon$ Included in deaths from diarrhea and enteritis under 2 years.
$f$ Not including deaths from gastritis.
g Included in deaths from other forms of tuberculosis.

Table VII.-PERCENTAGE OF DEATHS FROM EACH SPECIFIED CAUSE (2).

| Other disof gen-itonary sys- tem. | Puerperal septi-cæmia. | $\left\lvert\, \begin{aligned} & \text { Other } \\ & \text { puer- } \\ & \text { peral } \\ & \text { dis- } \\ & \text { eases. } \end{aligned}\right.$ | $\begin{aligned} & \text { Dis- } \\ & \text { eases } \\ & \text { of the } \\ & \text { skin } \\ & \text { and } \\ & \text { cellu- } \\ & \text { lisur } \\ & \text { tissue. } \end{aligned}$ | Dis- eases of loco- motor sys- tem. | Hy-cephalus. | $\begin{gathered} \text { Other } \\ \text { mal- } \\ \text { forma- } \\ \text { tions. } \end{gathered}$ | $\left\lvert\, \begin{gathered} \text { Infan- } \\ \text { tile } \\ \text { dis- } \\ \text { eases. } \end{gathered}\right.$ | $\begin{gathered} \text { Senile } \\ \text { debil- } \\ \text { ity. } \end{gathered}$ | $\begin{aligned} & \text { Sui- } \\ & \text { cide. } \end{aligned}$ | Accident. | $\left\|\begin{array}{c} \text { Ill-de- } \\ \text { fined } \\ \text { dis- } \\ \text { eases. } \end{array}\right\|$ | Total deaths. | $\begin{aligned} & \text { Mar- } \\ & \text { ginal } \\ & \text { num- } \\ & \text { ber- } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1.84 | 0.35 | 0. | 0.27 | 0.20 |  | 61 | 2.58 | 1.74 | 1.01 | 5.87 | 3.15 | 100 |  |
| (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) |  | (a) | (a) | 100.00 |  |
| 4.86 | . 10 | . 34 | $\stackrel{31}{ }$ | . 01 | 0.09 |  | 7.59 | 3.41 | 60 | 5.28 | ${ }^{\text {. }} 63$ | 100.00 |  |
| 3.49 | . 14 | . 28 | . 15 | .06 | (g) | (h) | i10.62 | 5.47 | 1.35 | 6.92 | .16 | 100.00 |  |
| 4.27 | . 27 | . 42 | .16 | . 05 | ( ${ }^{\text {) }}$ | k. 34 | 7.38 | 2.86 | . 77 | 5.17 | 1.04 | 100.00 |  |
| 1.74 | . 52 | . 68 | . 31 | . 22 |  | . 15 | 8.92 | 3.56 | ${ }_{96} 5$ | 4.62 | 1.40 | 100.00 |  |
| .31 2.03 | .36 1.08 | .27 1.21 | . 22 | . 17 | . 12 | . 26 | $\begin{array}{r}10.39 \\ 3.84 \\ \hline\end{array}$ | 4.95 6.23 | . 96 | 4.82 5.77 | 3.10 .09 | 100.00 100.00 |  |
| 2.23 | . 30 | . 61 | .26 | . 03 | . 06 | . 09 | 4.31 | 2.72 2.8 | 2.14 | 5. 94 | .04 | 100.00 | 9 |
| 2.68 | . 47 | .28 | . 75 | . 11 |  | .21 | 4.26 | 4.06 | 1.19 | 4.81 | . 03 | 100.00 | 10 |
| . 62 | . 49 | . 65 | . 08 | . 15 | . 17 | . 38 | 4.03 | 1.06 | . 68 | 9.65 | . 96 | 100.00 | 11 |
| 1.40 | . 48 | . 46 | . 35 | . 09 |  | . 49 | 2. 30 | 4.40 | 49 | 6.61 | 3.52 | 100.00 | 12 |
| 1.20 | . 49 | 1.73 | . 27 | . 02 | . 13 | . 49 | 5.76 | 4.41 | ${ }^{73}$ | 4.59 | 1. 37 | m100.00 | 14 |
| 1.67 | . 73 | . 55 | . 50 | . 05 |  | .16 | 7.57 | 3.00 | 1.54 | 4.44 | . 37 | 100.00 | 14 |
| 2.25 | . 31 | . 59 | . 51 | . 28 |  | . 13 | 6.92 | 2.91 | ${ }^{6} .6$ | 3.71 | . 15 | 100.00 | 15 |
| 1.83 | . 56 | . 50 | . 44 | . 17 | .21 | .31 | 7.28 | 2. 48 | 1.41 | 6.89 7.20 | 1.27 | 100.00 | 16 |
| 2.42 1.26 | . 67 | .50 1.14 | . 35 | . 20 | . 09 | . 22 | 8.14 6.63 | 2.10 5.86 | . 74 | 7.20 4.72 | . 97 | 100.00 100.00 | 17 |
| 2.71 | . 52 | . 76 | .16 |  |  | .36 | 4.22 | 2.95 2.9 | 80 | 5.58 | .60 | 100.00 | 19 |
| 3.40 | . 32 | . 81 | . 41 | . 09 |  | 1.04 | 3.31 | 2.29 | 44 | 5.40 | . 99 | 100.00 | 20 |
| 1.01 | . 04 | . 16 |  | . 23 | . 70 |  | 7.13 | 4.73 | 1.05 | 9.23 | 93 | 100.00 | 21 |
| 1.20 | . 07 | . 26 | . 71 | . 07 |  | . 04 | 8.83 | 2.21 | . 90 | 9.35 | 4.00 | 100.00 | 22 |
| ${ }^{.33}$ | . 11 | 06 | . 94 | . 11 | . 11 | . 06 | 9.92 | 2.71 | 1.05 | 6.09 4 4 4 | . 78 | 100.00 | 23 |
| 1. 09 | . 20 | 1.09 | . 28 | .12 |  |  | 6.49 | ${ }^{6.41}$ |  | 4.78 4.98 | $\stackrel{.}{24}$ | 100.00 | 24 |
| 2.20 1.81 | . 07 | $\begin{array}{r}1.60 \\ .58 \\ \hline\end{array}$ | . 22 | . 07 | . 11 | . 18 | 3.04 3.74 | 2.38 6.89 | . 93 | 4.98 6.95 | 1.61 .82 | 100.00 100.00 | $\stackrel{25}{26}$ |
| . 99 | . 29 | . 74 | . 04 | . 08 | . 17 | . 37 | 4.45 | 2.60 | 39 | 5.69 | 1.24 | 100.00 | 27 |
| . 65 | . 39 | . 19 | . 52 | . 06 |  | . 06 | 4.72 | 4.65 | 1.49 | 4.98 | 71 | 100.00 | 28 |
| . 75 | . 90 | 20 | . 30 |  |  | . 20 | 6.81 | 4.51 | 75 | 4.26 |  | 100.00 | 29 |
| . 51 | . 51 | . 32 | . 64 |  |  | . 25 | 5.08 | 4.57 | . 51 | 5.27 | 4.51 | 100.00 | 30 |
| 1.27 | .66 | . 10 | . 91 | . 10 | 10 | . 05 | 6.02 | 2.84 | . 71 | 4.86 | 1.77 | 100.00 | 31 |
| 2.21 | . 05 |  | 1.11 | . 28 |  | . 39 | 8. 63 | 2.38 | . 33 | 5.81 | 1.82 | 100.00 | 32 |
| 2.99 |  | . 28 | . 14 | . 05 |  |  | 14.70 | 2.19 | . 05 | 2.33 | 1.07 | 100.00 | 33 |
| 1.93 | 1.04 | 1.19 | . 15 |  | . 39 | . 15 | 8.33 | 2.98 | . 30 | 9. 52 | 1.64 | 100.00 | 34 |
| 3.19 | . 87 | . 97 | . 77 | . 29 | . 29 |  | 10.05 | 5.70 | . 29 | 5.31 | 1.74 | 100.00 | 35 |
| $\begin{array}{r}2.12 \\ .31 \\ \hline\end{array}$ | . 93 | .25 | . 50 | . 10 | …… | . 05 | 5.09 2.28 | ${ }_{2}^{3.12}$ | . 96 | 4.13 9.09 | 11.42 | 100.00 100.00 | 36 37 |
| . 63 | . 06 | . 06 | . 58 | . 12 | .12 | . 06 | 6.87 | . 46 | . 75 | 9.87 | 3.93 | 100.00 | 38 |
| 2.85 | . 39 | . 34 | . 15 | . 10 | . 10 |  | 10.06 | 1.96 | 44 | 3.48 | 1.57 | 100.00 | 39 |
| . 74 | . 51 | . 57 | . 28 | . 06 | . 06 | . 11 | 3.18 | 2.84 | 1.42 | 4.89 | . 45 | 100.00 | 40 |
| 4.13 | . 06 | . 51 | . 25 | . 19 | . 44 | . 06 | 2.67 | 2.16 | . 64 | 3.75 | 6.23 | 100.00 | 41 |
| 1.88 1.19 | . 10 | . 17 | . 51 | . 09 | .09 .10 | . 10 | 4.44 4.30 | 4.27 .88 | 10 | 10.07 4.45 | 8.08 | 100.00 100.00 | 3 |
| 2.11 | . 44 | . 35 | .26 | . 09 | . 18 |  | 7.28 | 4.39 | 1.40 | 4.82 | 1.67 | 100.00 | 44 |
| 1.47 | . 33 | . 08 | . 57 | . 16 |  | . 08 | 6.93 | 3.42 | . 57 | 4.89 | 1.87 | 100.00 | 45 |
| 2.05 | . 68 | . 37 | . 58 | . 05 |  | . 26 | 3.99 | 3.67 | . 05 | 3.57 | 5.14 | 100.00 | 46 |
| . 38 | . 25 | . 50 | . 06 |  |  | . 06 | 8.95 | 3.03 | 38 | 3.65 | 1.51 | $n 100.00$ | 7 |
| - 57 | . 46 | . 34 | . 11 | . 11 |  |  | 4.11 | 1.83 | 2.40 | 6.96 | 2.17 | 100.00 | 8 |
| .59 1.33 |  |  | 22 |  |  | . 75 | 7.68 | 4.42 | . 67 | 3.84 | 2.17 | 100.00 | 9 |
| 1.71 | . 43 | .21 | 1.14 | . 07 | .28 | . 07 | 8 | 2.21 | . 28 | 5.62 7.27 | 8.39 3.85 | 100.00 | 5 |
| 1.03 | . 59 | . 22 | . 22 | . 22 | . 15 | . 44 | 10.84 | 2.21 | . 30 | 4.28 | 3.47 | 100.00 | 2 |
| 3.66 | . 24 | . 41 | . 73 |  |  | . 65 | 7.64 | 2.19 | . 41 | 6.01 | 1.79 | 100.00 | 53 |
| . 74 | . 57 |  | . 08 |  |  | . 57 | 5.56 | 1.23 | . 57 | 4.08 | . 25 | 100.00 | 54 |
| 3.14 | . 39 | . 59 | . 59 |  |  | . 29 | 4.61 | 4.71 | 20 | 3.63 | 2.65 | 100.00 |  |
| 1.81 | . 29 | . 10 | . 38 |  | . 19 |  | 5.73 | 3.24 | 1.53 | 4.39 | . 29 | 100.00 | 6 |
| 1.34 | . 63 | . 54 | . 36 | . 27 | . 18 | . 09 | 18. 25 | 2.59 | 1.16 | 3. 31 | 3.13 | 100.00 | 57 |
| 5.88 | $\cdot 16$ | . 81 | . 32 | . 13 |  | . 13 | ${ }^{9} 7.39$ | ${ }^{4.05}$ | . 81 | 2.51 | \% 97 | 100.00 | 8 |
| ${ }_{96}$ | . 54 | . 61 | . 21 | . 13 | .41 | . 32 | 7.43 7.82 | 3.24 4.50 | . 81 | 4.60 5.36 | 7.43 1.61 | 100.00 100.00 | 60 |
| 3.61 | . 36 | . 72 | . 84 |  |  | . 36 | 5.66 | 3.25 | . 60 | 2.53 |  | 100.00 | 61 |
| 1.44 | 66 | . 42 | . 12 |  | . 12 | . 30 | 3.97 | 3.31 | 36 | 1.63 | 2.11 | 100.00 | 62 |
| . 17 | 1.47 |  | . 60 |  |  | 78 | 4.32 | 1.90 | 2. 25 | 7.61 | . 95 | 100.00 | 63 |
| $\begin{array}{r}4.70 \\ \hline 88\end{array}$ | . 40 | 1.48 | . 13 |  |  |  | 7.92 8.93 | 2.28 1.33 | 1.74 | 5.37 | ${ }^{4} 90$ | 100.00 100 | 64 |
| 1.86 | . 19 | . 58 | . 27 | . 18 | . 19 | . 71 | 8.93 5.34 | 1.33 2.62 | . 78 | 3.09 3.01 | 2.92 2.62 | 100.00 100.00 | 65 |
| . 63 | . 76 | 51 |  | . 25 | . 25 | 38 | 3.92 | 7.21 | 1.39 | 6.07 | 2.65 | 100.00 | 67 |
| 1.10 | . 23 | . 81 | . 81 | . 23 | . 14 | 2.84 | ${ }^{4.35}$ | ${ }_{3}^{2.62}$ | . 63 | 3.01 | ${ }^{1.04}$ | 100.00 | 68 |
| $\begin{array}{r}\text { 3. } \\ \hline 88\end{array}$ | .42 1.28 | 1.04 .57 | . 49 | . 07 | . 14 | .42 1.42 | 5.98 7.51 | 3.62 6.94 | 63 | 4.52 5.52 | 7. 93 1.27 | 100.00 100.00 | 69 70 |

[^3]Table VII.-PERCENTAGE OF DEATHS FROM EACH SPECIFIED CAUSE (1)-Concluded.

| Mar- <br> ginal <br> num- <br> ber. | Cities. | Typhoid fever. | Malaria. | $\underset{\text { Small }}{\text { sox. }}$ | Measles. | $\begin{gathered} \text { Scar- } \\ \text { let } \\ \text { fever. } \end{gathered}$ | $\begin{aligned} & \text { Whoop- } \\ & \text { ing } \\ & \text { cough. } \end{aligned}$ | Diphtheria and croup. | Grippe | Dys-entery. | Other epidemic diseases. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 71 | San Antonio, Te | 1.83 | 3.43 |  | 0.72 | 0.96 | 0.56 | 1. 69 | 1.83 | 1.03 | 0.48 |
| 72 | Duluth, Minn. | 5.65 |  | 0.14 |  | . 14 | 14 | 3.72 | . 69 | . 28 | .96 |
| 73 | Erie, Pa | . 99 | . 12 |  | 4.98 | . 37 | 2.34 | 1.11 | . 25 | . 25 | . 25 |
| 74 | Elizabeth, N.J | 1.55 | . 10 |  | . 10 | . 41 | . 21 | 2.28 | . 52 | . 21 | . 73 |
| 75 | Wilkesbarre, Pa | 2.41 |  |  | . 40 | 1.21 |  | 2.55 | . 80 | . 13 | . 54 |
| 76 | Kansas City, Kans | 5.01 | . 82 | 23 | 1.17 | 2.10 | . 35 | 1.28 | . 70 | . 23 |  |
| 77 | Harrisburg, Pa... | 2.92 | . 28 |  | . 14 | . 56 | . 83 | 1.67 | . 28 | 1.81 |  |
| 78 | Portland, Me. | 1.48 | . 23 | . 11 | . 11 |  | . 80 | 2.62 | . 46 | . 34 | . 34 |
| 79 | Yonkers, N. Y | . 74 | . 25 | 1.24 |  | . 25 | . 12 | 2.35 |  | . 12 | . 37 |
| 80 | Norfolk, Va. | 2.98 | 1.95 |  | . 28 |  | 2.05 | . 56 | 1.40 | 1.49 | . 28 |
| 81 | Waterbury, Conn (a) | 1.68 | . 34 |  | . 11 | . 67 | 1.45 | 1.79 | 2.90 | . 56 | . 67 |
| 82 | Holyoke, Mass..... | . 80 | . 11 |  | . 11 | . 23 | 1.94 | 5.14 | 1.14 | . 23 | . 34 |
| 83 | Fort Wayne, Ind | 2.54 | . 16 | . 32 | . 32 | . 79 | . 32 | 1.27 | 1.74 | . 79 | . 16 |
| 84 | Youngstown, Ohio.. | 8.42 | . 71 |  | . 57 | . 43 |  | 3.28 | 1.71 | . 29 |  |
| 85 | Houston, Tex....... | 3.02 | 6.96 | . 81 |  | . 46 | . 12 | 1.28 | . 81 | 1.39 | . 12 |
| 86 | Covington, Ky | 1.62 | . 48 |  | . 10 | . 10 | . 86 | 1.24 | 2.29 | 95 | . 38 |
| 87 | Akron, Ohio . | 2.51 | 1.04 |  | . 42 |  |  | 1.88 | . 83 |  | . 83 |
| 88 | Dallas, Tex | 1.95 | 3. 78 |  | . 34 | . 46 | . 12 | . 46 | . 46 | 1.38 | . 46 |
| 89 | Saginaw, Mi | 2.13 | . 82 | 16 |  | . 16 | . 33 | 2.62 | 1.47 | . 49 | . 82 |
| 90 | Lancaster, Pa....... | 1.69 |  |  |  | . 51 | . 51 | 3.21 | 4.56 | 1.01 | . 51 |
| 91 | Lincoln, Nebr | 2.96 | . 49 |  | . 74 |  | . 99 | 4.43 | . 49 | . 49 |  |
| 92 | Brockton, Mass ...... | 1.15 | . 38 |  | . 19 | 1.72 |  | 2.10 | 1.91 | . 38 | 2.68 |
| 93 | Binghamton, N. Y.. | 3.05 |  |  | . 66 | . 66 | . 53 | 2.78 | 1.46 | . 40 | . 13 |
| 94 | Augusta, Ga........ | 1.64 | 4.69 | 11 | . 54 | 1.09 | . 33 | 1.20 | 2.07 | 1.09 | . 66 |
| 95 | Pawtucket, R.I..... | . 90 | . 45 |  | . 15 | . 15 |  | 3.15 | 2.40 | . 60 | . 15 |
| 96 | Altoona, Pa......... | 1.75 |  |  | . 16 | . 96 |  | 3.18 | . 32 | 1.27 |  |
| 97 | Wheeling, w. Va ... | 5.56 | $\stackrel{.15}{ }$ | 15 | . 73 | 1.76 | . 88 | 3.51 | 2.49 | . 29 | . 29 |
| 98 | Mobile, Ala. | 3.01 | 2.80 | . 32 |  | . 75 | . 11 | . 32 | . 97 | . 86 | . 75 |
| 99 | Birmingham, Ala... | 3.77 | . 59 |  | . 10 | 1.29 |  | . 89 | . 40 | 1.78 | . 20 |
| 100 | Little Rock, Ark.... | 3.53 | 3.15 | 13 | . 13 | . 63 | . 50 | . 50 | 3.02 |  | 1.01 |
| 101 | Springfield, Ohio ... | 1.75 |  |  | . 22 | .87 | . 22 | 2.84 | 1. 53 | + ${ }^{44}$ | . 22 |
| 102 | Galveston, Tex ..... | 1.74 | 1.39 | 1.04 |  | . 17 |  | 1.39 | . 52 | 1.74 | . 52 |
| 103 | Tacoma, Wash....... | 2.32 |  |  | 1.27 | 1.05 | . 63 | 2.32 | . 84 | . 21 | . 21 |
| 104 | Haverhill, Mass .... | 1.83 | 18 |  |  | .37 | . 37 | 2.56 | 3.47 |  | . 37 |
| 105 | Spokant, Wash | 3.99 |  | 42 |  | . 84 | . 21 | 1.05 | 1.47 | . 42 | . 21 |
| 106 | Terre Haute, Ind... | 3.87 | . 86 |  | . 43 | 1.15 | 1. 43 | 1.87 | 2.44 | . 43 |  |
| 107 | Dubuque, Iowa..... | 1.58 | . 45 | . 45 |  | . 45 | . 22 | . 45 | . 90 | . 45 | . 68 |
| 108 | Quincy, Ill......... | 3.78 |  | . 33 |  | . 83 |  | . 33 | . 33 | . 16 | . 16 |
| 109 | South Bend, Ind.... | 3.78 | . 20 |  | . 20 | . 20 | . 40 | 1.19 | 2.19 | . 99 | . 40 |
| 110 | Salem, Mass. | . 63 | . 79 |  | . 16 | 2.54 | . 16 | 1.91 | 2.06 | 1.11 | 2.06 |
| 111 | Johnstown, Pa | 6.09 |  |  |  | 1.22 | . 15 | 3.50 | . 30 | . 91 | .15 |
| 112 | Elmira, N. Y | 1.76 |  |  | 18 |  | 2.99 | 3.17 | 3.34 | . 18 |  |
| 113 | Allentown, Pa....... | 3.21 |  |  |  |  |  | 2.83 | . 75 |  | . 38 |
| 114 | Davenport, Iowa. | 2.08 |  | 19 | . 76 | . 94 | . 94 | 1.13 | . 94 | . 94 | . 57 |
| 115 | McKeesport, Pa | 4.45 |  |  | . 15 | 2.15 | . 15 | 2.45 |  | . 77 | . 31 |
| 116 | Springfield, Ill. | 1.29 | 16 | . 48 | . 80 | . 16 | . 32 | 4.02 | . 64 |  | . 64 |
| 117 | Chelsea, Mass. | 1.21 |  |  | 52 | . 52 | . 52 | 3.12 | 1.39 | . 35 | . 35 |
| 118 | Chester, Pa | 2.62 | . 19 | . 56 |  |  | . 19 | 3.36 | 1.49 | . 37 |  |
| 119 | York, Pa, | 3.02 |  |  | . 22 |  | . 43 | 2.37 | . 86 | . 43 | . 65 |
| 120 | Malden, Mass | 1.85 |  | . 21 | . 21 | . 21 | 1. 44 | 2.26 | 1. 64 | . 41 | . 21 |
| 121 | Topeka, Kans ....... | 2.44 | . 98 |  |  | 1.30 | . 49 | . 65 | . 49 | . 16 |  |
| 122 | Newton, Mass........ | 1.38 | 23 | . 23 |  | . 23 |  | 2.54 |  | . 69 |  |
| 123 | Sioux City, Iowa.... | 1.57 |  | . 67 | 1. 35 | . 22 | . 45 | . 90. | . 67 |  | . 45 |
| 124 | Bayonne, N. J . . . . . | . 34 | . 17 | . 34 | 1.03 | . 69 | . 17 | $1.89{ }^{\circ}$ | 1.03 | . 52 |  |
| 125 | Knoxville, Tenn.... | 3.19 | . 35 | 71 |  | 3.72 |  | 1.42 | 1.24 | . 35 | . 18 |
| 126 | Schenectady, N.Y.. | 2.15 | . 16 |  | 16 | . 49 | . 16 | 4.79 | . 33 |  | . 66 |
| 127 | Fitchburg, Mass.... | 1.49 |  | . 21 |  |  | . 64 | 2.56 | . 85 |  | . 43 |
| 128 | Superior Wis ....... | 2.95 |  |  | . 42 | . 42 | . 21 | 1.90 | 2.53 | . 42 | 1.05 |
| 129 | Rockford, Ill | .47 |  |  |  | . 24 | . 71 | . 24 | 1.90 | 1.42 |  |
| 130 | Taunton, Mass...... | 1.07 | . 36 |  |  | . 71 | . 18 | 1.07 | 1.43 | . 54 | . 54 |
| 131 | Canton, Ohio........ | 1.39 | . 35 |  |  |  | . 69 | 2.08 | . 35 |  | . 35 |
| 132 | Butte, Mont ......... | 1.85 |  |  |  | 3.91 | . 62 | 2.47 | . 41 |  | . 21 |
| 183 | Montgomery, Ala... | 2.10 | 2.63 | 26 |  | 1.84 |  | . 52 | 1. 05 | 1.58 |  |
| 134 | Auburn, N. Y . . . . . | 1.88 3.76 |  |  | . 23 | . 23 | .23 | $\begin{array}{r}.71 \\ \hline 1.71\end{array}$ | 1.41 | 1.23 1.54 |  |
| 135 | Chattanooga, Tenn. | 3.76 | 1.20 | 1.02 |  | +.34 | . 34 | 1.71 | 1.54 | 1.54 | . 17 |
| 136 | East St. Louis, Ill... | 3.19 | . 91 | 46 | . 56 | 2.61 | .46 1.10 | 2.28 | 1.59 82 | . 23 |  |
| 137 | Joliet, Ill . . . . . . . . . . | 1.92 | . 82 |  | . 55 | . 82 | 1.10 | 1.37 | . 82 | . 50 | . 27 |

$a$ Including data for township.

Table VII.-PERCENTAGE OF DEATHS FROM EACH SPECIFIED CAUSE (1)-Concluded.

|  |  |
| :---: | :---: |
|  8\% |  |
| (14 |  |
|  <br>  | ¢\% |
| - <br>  |  |
|  <br>  |  |
|  <br>  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  <br>  |  |
|  |  |
|  |  |

Table VII.-PERCENTAGE OF DEATHS FROM EACH SPECIFIED CAUSE (2)-Concluded.

|  |  |  | Other | Diarrh ente | ea and ritis. |  |  |  | r |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{aligned} & \text { ginal } \\ & \text { num- } \\ & \text { ber. } \end{aligned}$ | Cities. | ic heart disease. | eases of tory system. | $\begin{gathered} \text { Under } \\ 2 \\ \text { years. } \end{gathered}$ | $\begin{gathered} 2 \\ \text { years } \\ \text { or } \\ \text { over. } \end{gathered}$ | intesti- <br> nal ob-struction. | Peri- <br> tis. | Appendicitis. | digestIve system | Bright's disease. |
| 71 | San Antonio, | 3.03 | 2.23 | 7.33 | 1.19 | 0.08 | 0.80 | 0.64 | 3.51 | 4.14 |
| 72 | Duluth, Minn | 3.17 | 2.34 | 9.10 | . 69 | 83 | 1.52 | 1.24 | 1.79 | 4.28 |
| 73 | Erie, Pa . | 6.41 | 1.36 | 6.04 | 1.23 | 1.23 | 1.11 | 1.11 | 3.21 | 4.07 |
| 74 | Elizabeth, N. J | 4.97 | 4.55 | 8.80 | 1.45 | . 52 | . 62 | . 10 | 1.76 | 5.28 |
| 75 | Wilkesbarre, Pa | 5.76 | . 54 | 6.17 | . 40 | . 80 | 1.74 | . 54 | 2.14 | 4.83 |
| 76 | Kansas City, Kans. | 4.54 | 3.15 | 1.05 | 2. 21 | . 47 | 2. 10 | . 58 | 3.03 | 3.61 |
| 77 | Harrisburg Pa . | 7.23 | . 81 | 5. 42 | . 56 | . 83 | . 97 | . 70 | 3.06 | ${ }^{3.06}$ |
| 78 | Portland, Me. | 9.23 | 1.14 | 3.19 |  | . 34 | 1.37 | . 46 | 2.05 | 8.66 |
| 79 | Yonkers, N. | 5.45 | 3.84 | 5. 57 | 1.36 | . 87 | . 87 | . 87 | 3.09 | 5.45 |
| 80 | Norfolk, Va.......... | 7.07 | 1.21 | 3.81 | 5.86 | 1.40 | . 93 | . 74 | 3.81 | 3.16 |
| 81 | Waterbury Conn. (a) | 3.02 | 2.57 | 8.83 | 1. 23 | 1.23 | . 22 | . 56 | 2.68 | 3. 69 |
| 82 | Holyoke, Mass. | 2.97 | 1.37 | 9. 59 | 1.14 | . 57 | . 91 | . 69 | 3.54 | 2.51 |
| 83 | Fort Wayne, Ind | 2.69 | 2.85 | 3.01 | . 79 | 32 | 2.69 | . 32 | 4.12 | 5. 23 |
| 84 | Youngstown, Ohi | 7.85 | 1.00 | 4.99 | 1.28 | 71 | 86 |  | 3.00 |  |
| 85 | Houston, Tex. | 4.06 | 1.28 | 5.68 | 1.7 t | . 46 | . 81 | . 46 | 4.87 | 3.83 |
| ${ }_{87}^{86}$ | Covington K Y | 6.21 | 4.20 | 2.77 | . ${ }^{1}$ | . 38 | 1.43 | . 29 | 2.58 | 2.77 |
| 88 | Akron, onio | 7.93 <br> 2.64 | 1.83 1.83 | 3.34 <br> 3.33 <br> . | .63 1.38 | . 63 | 1.46 .80 | . 1.26 | 2.92 | 4.39 2.87 |
| 89 | Saginaw, Mi | 8.67 | 1.98 | 3.44 | . 82 | 1.80 | 1.96 | 1.47 | 4.26 | 3.27 |
| 90 | Lancaster, $\mathbf{P}$ | 7.77 | 2.36 | 2.70 | 3.72 | . 68 | . 34 | . 51 | 2.87 | 3.72 |
| 91 | Lincoln, Nebr | 3.69 | 1. 48 | 2.46 | 74 | . 99 | . 74 | . 49 | 3.69 | 3.20 |
| 92 | Brockton, Mass | 7.84 | 1.58 | 1.72 | 2.49 | . 38 | - 96 | . 57 | 5.36 | 1.53 |
| 93 | Binghamton, N . | 4.64 | 1.72 | 1.72 | 13 |  | 1.59 | 1.46 | 2.65 | 4.24 |
| 94 | Augusta, Ga | 2.94 | 1.85 | 2.51 | 7.31 | . 11 | 1.64 | . 33 | 3.82 | 3.16 |
| 95 | Pawtucket, | 10.79 | . 90 | 7.04 | 1.95 | . 90 | 15 | . 30 | 3.15 | 4.20 |
| 96 97 | Altoona, Pa. | 3.66 6.74 | 3.34 1.32 | 3.50 c4.39 | ${ }_{(d)}^{2.07}$ | . 1.61 | 1.43 1.02 | . 32 | 3.03 5.12 | 3.98 3.07 3 |
| 98 | Mobile, Ala. | 5. 48 | . 86 | 1.18 | 3.12 | . 65 | 1.40 | 21 | 3.01 | 8.92 |
| 99 | Birmingham, A | 2. 98 | 99 | . 6 | 5. 26 | 40 | 1.69 | 30 | 3.17 | 2.28 |
| 100 | Little Rock, Ark | 3.27 | 2.39 | 3.40 | 5.04 | 1.01 | 76 | 50 | 3.15 | 2.27 |
| 101 | Springfield, Ohio | 6. 55 | . 22 | 1.53 | 65 | . 22 | 1.31 | 65 | 2.18 | 8.73 |
| 102 | Galveston, Tex | 4.70 | 87 | 3.65 | 2.44 | . 52 | 70 | 1.04 | 4.18 | 11.48 |
| 103 | Tacoma Wash. | 13.29 | 2.32 | . 84 | 1.05 | . 42 | 1.69 | 1.27 | 1.69 | 3.59 |
| 104 | Haverhill, Ma.s | 6.88 | 1.83 | 5.30 | 73 | . 91 | 55 | . 37 | 1.64 | 3.66 |
| 105 | Spokane, Wash | 7.57 | 1.89 | 2.52 | 1.26 | . 84 | 2.31 | 2.10 | 3.99 | 3.57 |
| 106 | Terre Haute, I | 6.60 | 1.43 | 4.30 | . 86 | 1.58 | 2.30 | . 72 | 3.78 | 1.43 |
| 107 | Dubuque Io | 7.43 | 2.48 | 3.83 | .22 | . 45 | 1.58 | . 68 | 4.05 | 4.50 |
| 108 | Quincy, Ill | 1.64 | 1.31 | 3.94 | . 49 |  | 1.31 | . 66 | 3.12 | 3. 78 |
| 1109 | South Bend, I | 2.78 | 3.18 | 6.16 | . 60 | 1.19 | 1.79 | . 40 | 2.98 | 3.78 |
| 110 | Salcm, Mass | ${ }^{6.35}$ | 4.13 | 1.91 | $\begin{array}{r}4.44 \\ 3 \\ \hline\end{array}$ | . 32 | 63 | . 48 | 2.54 | 1.43 |
| 111 | Johnstown, | 7.15 <br> 6.87 | 1.22 | 6. 39 | 3.81 | . 46 | 1.07 | . 91 | 1.98 | 2.28 |
| 112 | Elmira, N. Y.. | ${ }^{6.87}$ | 2.64 | 3.52 |  | 1.06 | 1.06 | 88 | 3.52 | 6.34 |
| 113 | Allentown, Pa | 7.36 | 75 | 2.26 | 94 | 57 | 94 | 57 | 2.64 | 4.91 |
| 114 | Davenport, Iowa | ${ }^{7.36}$ | 2.64 | 3.96 | 1.13 | 1.13 | 1.13 | 1.13 | 2.08 | 2.45 |
| 115 | McKeesport, P | 2.76 | . 92 | 5.98 | 4.91 | . 77 | 2.76 | . 31 | 3.07 | 92 |
| 116 | Chringfeld, | 3.38 12.13 | .64 3.47 | 2.73 1.04 | 1.45 5.37 | . 96 | 1.45 .87 | 1.13 .17 | 4. 34 2.77 | 4.82 3.64 |
| 118 | Chester, Pa | 6.17 | 2.24 | 6.92 | . 75 | 1.87 | 1.12 |  | 3.18 | 1.87 |
| 119 | York, Pa | 4.96 | 3.45 | 7.54 | 2.15 | . 43 | . 65 |  | 2.80 | 3.23 |
| 120 | Malden, Mass | 8.85 | 2.88 | 3.50 | 2.06 | . 41 | . 82 | . 41 | 2.06 | 2.88 |
| 121 | Topeka, Kans. | 4.23 | 1.47 | 2.61 | 98 |  | . 98 | 2.12 | 8.91 |  |
| 122 | Newton, Mass. | 7.38 | 2.30 | 5. 99 | 1.15 | $1.61^{\circ}$ | . 69 | $\stackrel{.}{ }{ }^{.46}$ | 2. 30 | 2.77 |
| 123 | Sioux City, Iowa | 6.06 | 90 | 3.14 | 1.79 | 1.12 | 2.47 | . 67 | 3. 59 | 2.24 |
| 124 | Bayonne, 1. | . 69 | 2.93 | 8.43 | 1.38 | . 69 | 1.38 |  | 8.96 | 3.96 |
| 125 | Knoxville, Tenn | 4.07 | 2.12 | 2.48 | 1.06 | . 18 | 2.12 | . 71 | 4.25 | 3. 36 |
| 126 | Schenectady, N. | 3.80 | 1.98 | 7.43 | 1.48 | 1.65 | 1.65 | . 49 | 1.65 | 2.97 |
| 127 | Fitchburg, Mass | ${ }^{11.73}$ | 1.49 | 6.61 | 1.28 | . 21 | 1.49 |  | 2.34 | 1.07 |
| 128 | Superior, Wis. | 3.58 |  | 9.68 | . 63 | 84 | . 84 | 1.26 | 1.26 | 2.53 |
| 129 | Rockford, M11. | 4.50 6.61 | 2.84 1.07 | 4.27 7.50 |  | 1.19 .89 | . 89 | 1.42 | 3.32 | . 71 |
| 131 | Canton, Ohio | 10.76 | . 69 | 3.82 | 1.04 | 1.39 | 1.04 | 69 | 3.82 | 4.51 |
| 132 | Butte, Mont | 3.29 | . 41 | 4.94 | 2.26 | . 82 | 1.44 | 1.23 | 2.26 | 5.56 |
| 133 | Montgomery, Al | ${ }_{6}^{7.61}$ |  | 5. 77 | 3.94 | 52 | . 78 | 52 | 5. 77 | 4.99 |
| 134 | Auburn, N. Y ..... | ${ }^{6.34}$ | 1.41 | 3.29 | 2.35 | . 23 | 1.88 | . 94 | 3.99 | 5.16 |
| 136 | Chattanooga, Tenn | 3.76 <br> 2.05 | 1.71 1.37 | 4.10 2.51 | . 68 | 1.82 | 1.20 .91 | . 17 | 4.96 1.59 | 4.10 1.82 |
| 137 | Joliet, Ill | 3.01 | . 27 | 6.30 | . 82 | 1.10 | 1.10 | . 27 | 1.65 | 3.56 |

[^4]Table VII.-PERCENTAGE OF DEATHS FROM EACH SPECIFIED CAUSE (2)-Concluded.

| Other dis- eases ofgen ito uri- nary sys- tem. | Puerperal septi-сæmia. | Other puerperal diseases. | Disof the skin and cellutissue. | Diseases of loco-system. | $\begin{gathered} \text { Hy- } \\ \text { dro- } \\ \text { ceph- } \\ \text { alus. } \end{gathered}$ | $\begin{gathered} \text { Other } \\ \text { mal- } \\ \text { forma- } \\ \text { tions. } \end{gathered}$ | $\begin{gathered} \text { Infan- } \\ \text { tile } \\ \text { dis- } \\ \text { eases. } \end{gathered}$ | Senile debility. | $\begin{array}{\|l} \text { Sui- } \\ \text { cide. } \end{array}$ | Accident. | $\begin{array}{\|c\|} \text { Ill-de- } \\ \text { fned } \\ \text { dis- } \\ \text { eases. } \end{array}$ | Total | $\begin{array}{\|l\|l\|} \text { Mar- } \\ \text { ginal } \\ \text { num- } \\ \text { ber. } \end{array}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 0.64 | 0.56 | 0.48 | 0.32 | 0.64 | 0.16 | 0.32 | 5.10 | 2.23 | 0.96 | 5.50 | 3.11 | 100.00 |  |
| . 28 | . 69 | . 28 | . 28 | . 14 | .14 | 14 | 3.59 | 2.21 | 1.52 | 11.03 | 1.65 | 100.00 | 72 |
| 1.2 | 1.11 | . 49 | . 25 |  |  | . 62 | 8.14 | 3.08 | . 99 | 4.68 | . 86 | 100.00 | 73 |
| 1.55 | . 41 | . 62 | . 10 |  | .10 | . 21 | 8.28 | 2.59 | . 73 | 7.04 | 1. 76 | 100.00 | 74 |
| . 13 | . 40 | . 40 | 1.07 |  |  | . 27 | 7.91 | 4.42 | . 80 | 8.98 | 4.83 | 100.00 |  |
| 1.52 |  | . 70 | . 23 | 23 |  |  | 4.66 | 2.38 | . 35 | 6.88 | 6.99 | 100.00 | 6 |
| 1.95 | . 83 |  | . 83 |  | . 14 |  | 10.01 | 5.42 | . 14 | 7.65 | 3.20 | 100.00 | 7 |
| 1.48 <br> 1.97 | . 68 | . 34 | . 57 | . 23 | . 11 | . 25 | 5.58 | 5.13 1.48 | . 23 | 4.44 <br> 5.45 | 1.48 1.36 | 100.00 100.00 | 78 |
| 1.97 2.60 | . 19 | . 49 | . 12 |  |  | . 25 | 5.94 8.00 | 1.48 | . 09 | 5.45 4.65 | 1.36 1.49 | 100.00 100.00 | 79 80 |
| 2.46 | 1.23 | . 22 | . 34 | . 34 | . 45 | . 11 | 9.16 | 2.01 | . 11 | 4.58 | 3.46 | 100.00 | 81 |
| 1.60 | . 11 | . 23 | . 23 |  | . 11 | . 34 | 10.05 | 1.94 | . 69 | 4.34 | 2.51 | 100.00 | 82 |
| 3.33 | . 48 | . 63 | . 79 |  |  | . 82 | 5. 86 | 4.12 | . 95 | 6.50 | 2.69 | 100.00 | 83 |
| 2.57 | . 14 | . 14 | . 43 | 14 |  | . 14 | b4.99 | 3. 42 | 1. 14 | 8.99 | 3. 28 | $b 100.00$ | 84 |
| ${ }^{7} .85$ | . 5 | + 23 | 88 | 19 | 10 |  | 5.80 | 2.32 | . 70 | 8.82 | 3.71 | 100.09 |  |
| . 83 |  | 1.34 .42 | . 8 |  | .21 |  | 8.14 | $\stackrel{4.81}{2.7}$ | 1.15 .21 | 4.95 8.35 | 7.52 | 100.00 100 | 7 |
| . 46 | .46 | . 46 | . 46 | 12 | .12 | . 34 | 5.62 | 1.83 | . 92 | 8.26 | 10.32 | 100.00 |  |
| 1.47 |  | . 66 | . 16 |  |  | . 49 | 6.38 | 5.57 | . 49 | 5.73 | 66 | 100.00 | 89 |
| 1.18 |  |  | . 51 |  | . 17 | . 17 | 7.60 | 5.40 | . 34 | 3.72 | 1.18 | 100.00 | 90 |
| . 78 | . 25 | . 49 | . 74 | . 25 | .25 | . 25 | 5.42 | ${ }_{3}^{2.96}$ | 1.72 | 7.39 | 7.14 | 100.00 | 92 |
| 3.82 2.52 |  | . 66 | . 13 | . 88 | . 38 | . 96 | 5.74 4.37 | - | . 80 | $\stackrel{1.15}{1.03}$ | 7.02 | 100.00 100.00 | 2 |
| 1.09 | .44 | . 33 | . 44 | 22 | . 11 | ii | 6.98 | . 76 |  | 2.51 | 6.76 | 100.00 | 94 |
| 1.35 | . 30 | . 75 |  |  |  |  | 8.69 | 3.30 | . 75 | 3.45 | 45 | 100.00 | 95 |
| . 48 | 1.11 | . 16 | . 32 |  |  | . 32 | 7.80 | 6. 58 | . 96 | 5.89 | 1.91 | 100.00 | 96 |
| 3.37 | . 44 | . 29 | . 59 |  |  | . 15 | 4.10 | 3.95 | . 73 | 6.74 3 | . 15 | 100.00 | 97 |
| . 97 | . 32 | . 97 | . 32 |  | 11 |  | 5. 70 | 3.55 1.49 | . 32 | 3.66 | 2.90 | 100.00 | 98 |
| 1.49 | . 50 | 1.09 | . 40 | 10 |  |  | 5.16 | 1.49 |  | 11. 61 | 6.15 | 100.00 | 100 |
| . 25 |  | . 50 | . 38 |  | . 50 |  | ${ }^{\text {b }} 2.65$ | 1.26 |  | 5.79 | 7.30 | $b 100.00$ | 100 |
| . 65 | . 22 | . 22 | . 22 | 44 |  |  | 7.42 | 8. 30 | . 44 | 3.93 | 2.18 | 100.00 | 101 |
| 2.26 | .17 | . 52 | . 17 |  | , | 17 | ${ }_{6}^{6.09}$ | 2.44 | ${ }^{3} 35$ | 7.65 | 10.44 | 100.00 | 102 |
| 2.56 | . 55 | . $55^{\circ}$ | . 84 | . 37 | . 21 | . 18 | 65.49 4.75 | 2.32 3.84 | 2.32 1.64 | 9.28 4.94 | 3.59 .65 | b 100.00 100.00 | 103 |
| 2.84 | 1.68 | . 42 | . 42 |  |  |  | 4.83 | 3.99 | 2.10 | 6.09 | 1.68 | 100.00 | 105 |
| 2.44 | . 72 | . 72 | . 72 | . 29 |  | . 14 | 9.90 | 8.18 | 1.15 | 6.03 | 1.00 | 100.00 | 106 |
| . 90 | . 22 | . 22 | . 68 | 22 | . 45 | . 68 | 7.43 | 8.11 | 1.13 | 5.86 | 1.13 | 100.00 | 107 |
| 1.97 2.19 | 1.15 | .16 | . 79 | 40 |  | 40 | ${ }_{11}^{4.11}$ | 7.88 3.78 | $\begin{array}{r}1.48 \\ \hline\end{array}$ | 5.42 4.97 | 8.87 <br> 3.58 | 100.00 100 | 108 |
| 2.38 <br> 2.3 | . 32 | . 93 | . 79 | . 40 | . 79 | . 40 | ${ }_{3.65}^{11.33}$ | 3.78 2.70 | . 32 | 4.97 2.06 | 3.58 1.59 | 100.00 100 | 110 |
| 1.37 | . 15 |  | 1.22 | 15 |  | . 15 | 8.98 | 2.44 | . 61 | 9.29 | 2.28 | 100.00 | 111 |
| 4.22 | . 18 | . 53 | . 53 | 53 |  | . 35 | 5.63 | 2.99 | 1.06 | 5.10 | . 18 | 100.00 | 112 |
| . 19 |  |  |  |  |  |  | 9. 25 | 2.64 | . 75 | 3.96 | 7.36 | 100.00 | 113 |
| 1.13 | 1.18 | . 19 |  | 19 | 19 | . 19 | 4.15 | 8.30 | 1.51 | 5. 66 | 3. 02 | 100.00 | 114 |
| 1.07 | ${ }^{61}$ | . 15 | . 77 |  |  | . 61 | 5.98 | 1.38 | . 77 | ${ }_{5} 11.35$ | 6.75 | 100.00 | 115 |
| 1.45 1.21 | . 32 | 52 | 16 |  |  |  | 3.06 6.93 | 7.72 3.98 | . 64 | 5.47 3.47 | 11. ${ }_{2} 2$ | 100.00 100.00 | 116 |
| 3.55 | . 56 | 1.12 | . 56 | . 19 |  |  | 7.29 | 3.18 | . 19 | 10.65 | 2.62 | 100.00 | 118 |
| . 22 |  | . 22 | 43 | 43 |  |  | 6.68 | 3.88 | . 43 | 4.74 | 4.09 | 100.00 | 119 |
| 2.88 | . 21 |  | 1.03 |  | . 21 |  | 8.02 | 2.88 | . 62 | 3.29 | 82 | 100.00 | 120 |
| 2.61 | . 16 | . 49 |  | . 16 | .16 |  | . 81 | 5.70 | . 98 | 7.98 | 18.24 | 100.00 | 121 |
| 4.61 | 1.38 | 69 | . 46 |  |  |  | 5.30 | 4.84 |  | 5.30 | 1.61 | 100.00 | 122 |
| 3.36 | . 17 | . 22 | . 67 | . 22 | . 22 | . 45 | 6.73 | 2.02 | . 67 | 8.97 | 3.81 | 100.00 | 123 |
| 1.55 .35 | . 1.06 | 1.03 | . 34 | . 52 | . 17 | 1.21 | 7.57 4.42 | 1.03 2.65 | . 69 | 7.92 4.25 | 3.61 6.37 | 100.00 100.00 | 125 |
| 2.31 | 1.49 .49 | . 33 |  | . 16 |  |  | 5.61 | 2.68 | $\stackrel{.}{ }$. | 4.4 7.43 | 6.11 | 100.00 | 126 |
| 2.34 | 1.07 |  | . 21 |  |  |  | 14. 29 | 5.97 | . 43 | 5.12 | . 43 | 100.00 | 127 |
| . 42 | . 42 | . 21 | . 42 | 42 |  | . 21 | 10.11 | 4.84 | . 63 | 12.00 | 4.42 | 100.00 | 128 |
| 1.42 | 1.19 | . 95 | . 47 |  |  |  | 5. 92 | 4.50 | 1.19 | 3.55 | 5.45 | 100.00 | 129 |
| 2.68 | 1.07 |  | . 18 | . 18 |  |  | 6.79 4.86 | 7.32 | 1.07 | 2.86 3.47 | - 89 | 100.00 | 131 |
| 2.68 |  | . 41 |  |  |  | $\stackrel{.}{21}$ | 4.79 6.79 | 2.26 | 2.06 | 12.76 | 7.41 | 100.00 | 132 |
| 2.63 |  |  |  | . 26 | . 52 |  | 2.10 | 3.94 | . 52 | 4.99 | 5.25 | 100.00 | 133 |
| 1.64 |  |  | . 17 |  |  | 23 | 10.09 | 4.70 | . 47 | 4.98 | 1.88 | 100.00 | 134 |
| . 51 | . 34 | . 17 | . 17 |  |  |  | 6.67 <br> 4.33 <br> 8. | 2.91 3.42 | . 17 | ${ }^{66.67}$ | 10.26 7.97 | 100.00 100.00 | ${ }_{136}^{135}$ |
| 1.92 | . 27 |  | . 55 | . 27 |  |  | 8.22 | 4.38 | . 88 | ${ }^{1} \mathbf{7} .67$ | 7.12 | 100.00 | 137 |

c Including deaths from diarrhea and enteritis 2 years or over. $d$ Included in deaths from diarrhea and enteritis under 2 years,

TABLE VIII.-DEATH RATE PER 1,000 POPULATION, BY CAUSES (1).

| Mar- <br> ginal ber. | Cities. | Thoid fever. | $\begin{gathered} \text { Mala- } \\ \text { riaa. } \end{gathered}$ | small- | $\underset{\text { Mes- }}{\text { Mea- }}$ | $\begin{gathered} \text { Scar- } \\ \text { let } \\ \text { fever. } \end{gathered}$ | $\begin{aligned} & \text { Whoop- } \\ & \text { ing } \\ & \text { cough. } \end{aligned}$ | Diphand croup. | Grippe. | $\begin{aligned} & \text { Dys- } \\ & \text { en- } \\ & \text { tery. } \end{aligned}$ | Other epidemic diseases. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | New York, N . | 0.203 | 0.054 | 0.114 | 0.125 | 0.324 | 0.081 | 0.677 | 0.239 | 0.097 | 0.058 |
| 2 | Chicago IIll... | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) |
| 3 | Philadelphia, P |  | . 014 | . 117 | . 019 | . 165 | . 196 | . 496 | . 147 | . 051 | . 059 |
| 4 | St. Louis, Mo.. | . 333 | . 134 | . 015 | . 057 | . 116 | . 136 | 516 | . 136 | (b) | 086 |
| 5 | Boston, Mass | . 248 | . 002 | . 129 | . 180 | . 366 | . 113 | . 615 | .289 | . 049 | . 007 |
| 6 | Baltimore, Mc | . 273 | . 067 |  | . 006 | . 021 | . 121 | . 329 | . 246 | . 094 | . 098 |
| 7 | Cleveland, Oh | . 389 | . 015 | . 0051 | . 026 | . 087 | . 023 | . 564 |  | . 054 | . 069 |
| 8 | Buffalo, N. Y | . 268 |  | . 005 | . 059 | . 122 | . 173 | . 386 | . 097 | . 100 | . 049 |
| 9 | San Francisco, | 200 | . 040 | . 009 | . 077 | . 037 | . 174 | . 277 | .163 | . 046 | . 143 |
| 10 | Cincinnati, Ohio | 635 | . 044 | . 003 | . 132 | . 071 | . 050 | . 203 | . 322 | . 144 | . 003 |
| 11 | Pittsburg, Pa | 1. 247 | . 012 | . 009 | . 198 | . 351 | . 345 | . 495 | . 338 | . 078 | . 417 |
| 12 | New Orleans, La | . 470 | . 387 | . 173 | . 003 | . 205 | . 073 | . 137 | . 257 | 253 | . 090 |
| 13 | Detroit, Mich. | . 157 | . 037 | . 003 | . 163 | . 050 | . 033 | . 207 | . 057 |  | . 097 |
| 14 | Milwaukee, Wis | . 212 |  | . 003 | . 057 | . 054 | . 071 | . 336 | . 252 | . 0112 |  |
| 15 | Washington, D.C | . 673 | . 167 |  | . 059 | . 024 | . 258 | . 300 | . 631 | . 112 | . 080 |
| 16 | Newark, N.J. | .224 | . 0391 | . 278 | . 051 | ${ }^{090}$ | . 114 | . 564 | . 145 | . 102 | .074 <br> .070 |
| 18 | Louisville, Ky | 563 | . 070 | . 009 | . 009 | . 014 | . 028 | . 247 | .233 | . 172 | . 037 |
| 19 | Minneapolis, Minn. | . 576 |  |  | . 048 | . 057 | . 071 | . 905 | . 114 | . 005 | . 2229 |
| 20 | Providence, R. I | . 264 | . 011 | . 011 | . 017 | . 051 | . 073 | . 489 | . 360 | . 107 |  |
| 21 | Indianapolis, Ind... | . 274 | . 0909 | . 011 | . 027 | . 055 | . 027 | .197 | . 214 | . 110 | . 060 |
| 22 | Kansas City, Mo.... | . 429 | . 099 | . 035 |  | . 162 | . 017 | . 232 | . 228 | . 035 | . 041 |
| 24 | Rt. Paul, Minn | . 182 |  | . 006 | . 041 | . 1024 | . 035 | . 129 | . 088 | . 088 | . 041 |
| 25 | Denver, colo | . 479 | . 007 | . 021 | . 043 | . 388 | . 021 | .329 | . 164 | . 021 | 122 |
| 26 | Toledo, Ohio | 300 | . 020 |  | . 033 | . 066 | . 100 | . 413 | . 153 | . 040 | . 020 |
| 27 | Allegheny, P | 1. 008 | . 023 | . 007 | . 203 | . 218 | . 188 | . 398 | . 135 | . 150 | . 256 |
| 28 | Columbus, Ohio | ${ }_{215} 35$ | . 038 |  |  | . 151 | . 045 | . 075 | . 287 | . 091 | . 053 |
| 29 | Worcester, Mass | . 215 | . 0208 | 033 | . 017 | . 107 | . 099 | . 192 | . 107 | . 083 | . 083 |
| 31 | Syracuse, N. Y..... | . 1520 | . 088 |  | . 108 | . 025 | . 192 | ${ }^{.} 1928$ | . 545 | . 025 | 033 179 |
| 32 | Paterson, N, J | . 270 | . 009 | . 019 | . 009 | . 102 | . 121 | . 186 | . 046 | . 158 | . 009 |
| 33 | Fall River, Mass | 196 | . 028 | . 009 | . 065 | . 019 | . 084 | . 215 | . 075 | . 234 | 1.963 |
| 34 | St. Joseph, Mo | 193 | . 029 | . 097 | . 048 | . 048 | . 048 | . 116 | . 048 | . 029 | . 010 |
| 35 | Omaha, Nebr. | 218 |  | . 036 |  | . 095 | . 082 | .109 | .136 | . 045 | . 027 |
| 36 | Los Angeles, Cal | . 291 |  |  | . 009 | . 054 | . 036 | ${ }^{182}$ | . 255 | . 054 | . 045 |
| 37 | Memphis, Tenn Scranton, Pa. | . 409 | 1. 1210 | . 102 |  | . 056 | . 0119 | . 046 | . 353 | . 363 | . 102 |
| 39 | Scranton, Pa Lowell, Mass | . 189 | . 010 |  | . 078 | . 049 | . 116 | . 408 | . 262 | . 107 | . 049 |
| 39 40 | Lowell, Mass | . 1840 | . 021 |  | . 1798 | . 038 | . 1470 | $\begin{array}{r}1.232 \\ .430 \\ \hline\end{array}$ | . 2700 | . 042 | . 074 |
| 41 | Cambridge, Mass | . 106 | . 011 | . 032 | . 106 | . 085 | . 117 | . 627 | . 521 | $\cdots$ | .106 |
| 42 | Portland, Oreg. | . 245 |  |  | . 043 | . 032 |  | . 277 | . 362 | . 064 | 106 |
| 43 | Atlanta, Ga. | . 617 | . 128 | . 011 | . 191 | . 213 | . 160 | . 255 | . 394 | . 287 | . 096 |
| 44 | Grand Rapids, Mich | . 347 | . 011 |  | . 010 | . 074 | . 010 | . 189 | . 053 | . 095 | . 074 |
| 45 | Dayton, Ohio | . 2548 | . 211 |  | . 011 | . 033 | . 022 | . 2200 | . 0878 | . 278 | . 022 |
| 47 | Nashville, Tenn | . 455 | . 323 |  |  | . 135 | . 0880 | . 148 | . 381 | . 344 | . 1037 |
| 48 | Seattle, Wash.. | . 244 |  | 033 | . 033 | . 078 | . 022 | . 144 | . 033 | . 044 | . 067 |
| 49 | Hartford, Conn | . 306 | . 073 |  | . 037 | . 159 | . 012 | . 429 | . 147 | . 012 | . 110 |
| 50 | Reading, Pa | . 427 | . 012 |  | . 012 | . 268 | . 232 | . 707 | . 183 | . 049 | . 037 |
| 51 | Wilmington, D | . 420 | . 088 |  |  | . 038 | . 115 | . 497 | .255 | . 102 | . 0205 |
| 52 |  | . 162 |  | . 012 |  | . 075 | . 087 | . 760 | . 137 | . 062 | . 037 |
| 53 | Trenton, N.J | . 187 | . 026 | 013 | . 026 |  | . 138 | . 133 | . 160 | . 067 | . 026 |
| 54 | Bridgeport, Co | . 169 | . 1314 |  | 052 | . 118 | . 156 | . 260 | . 390 |  | . 039 |
| 56 | Oakland, Cal | . 143 | . 014 |  | 27 | . 114 |  | . 486 | . 129 | . 043 | . 014 |
| 57 | Lawrence, Mas | . 185 | . 01 |  | . 015 | . 027 | . 015 | . 248 | . 1169 | . 0331 | . 0275 |
| 58 | New Bedford, Mass. | . 288 |  | . 091 | . 030 | . 152 |  | .212 | . 091 | . 091 | . 030 |
| 59 | Des Moines, Iowa... | . 186 | . 014 | . 014 | . 014 | . 100 |  | . 471 | . 243 | . 014 | . 043 |
| 60 | Springfield, Mass... | . 246 | . 062 |  | . 015 | . 031 | . 077 | . 200 | 200 | . 046 | . 015 |
| 62 | Somerville, Mass | .189 .573 |  |  | . 047 | . 079 | . 0935 | . 441 | . 221 | . 079 | .063 |
| 63 | Hoboken, $\mathrm{N} . \mathrm{J}$ | . 230 |  | . 098 | . 2098 | . 164 | . 013 | . 492 | . 666 | . 1098 | . 0467 |
| 64 | Evansville, Ind | . 266 | . 066 |  |  | . 017 | . 066 | . 133 | . 116 | . 149 | . 017 |
| 65 | Manchester, N. H... | . 191 | 017 |  |  | . 156 | . 139 | . 139 | . 139 | . 139 | . 017 |
| 66 | Utica, N.Y | . 155 |  |  | . 052 | . 035 | 172 | . 431 | . 172 | . 086 | . 052 |
| 67 | Peoria, In | . 250 | ${ }^{.} 067$ | . 016 | . 083 | . 033 |  | .100 | . 233 | . 133 | . 117 |
| 69 | Savannah, Ga | . 838 | 1.210 |  |  | . 092 |  | . 164 | . 381 | . 178 | . 169 |
| 70 | Salt Lake City, Utai | . 345 |  | 06 | . 034 | . 879 | .034 | .793 | 259 | . 086 | 08 |

[^5]Table VIII.-DEATH Rate PER 1,000 POPULATION, by CAUSES (1).

| $\begin{aligned} & \text { Puru- } \\ & \text { lent } \\ & \text { and } \\ & \text { septi- } \\ & \text { cemfec } \\ & \text { infe- } \\ & \text { tion. } \end{aligned}$ | $\begin{gathered} \text { Pul- } \\ \text { mo- } \\ \text { nary } \\ \text { cuber- } \\ \text { culo- } \\ \text { sis. } \end{gathered}$ | Other forms tuber-culosis. | $\begin{gathered} \text { Can- } \\ \text { cer. } \end{gathered}$ | $\left\lvert\, \begin{aligned} & \text { Other } \\ & \text { gen- } \\ & \text { eral } \\ & \text { dis-- } \\ & \text { eases. } \end{aligned}\right.$ | $\left\|\begin{array}{c} \text { Men- } \\ \text { in- } \\ \text { gitis. } \end{array}\right\|$ | Cere conges tion and hemorrhage. | $\begin{array}{\|l} \text { Pa- } \\ \text { raly- } \\ \text { sis. } \end{array}$ | Con-vulsions of infants. | Other diseases nerv. ous system. | $\begin{aligned} & \text { Bron- } \\ & \text { chitil, } \\ & \text { acute } \\ & \text { and } \\ & \text { chron- } \\ & \text { ic. } \end{aligned}$ | Pneumonia and bron-pneumonia | Other dis- eases of respir- atory system. | $\begin{gathered} \text { Mar- } \\ \text { ginal } \\ \text { num- } \\ \text { ber. } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 0.01 | 2.270 | 0.350 | 0.687 | 0.434 | 0.825 | 0.709 | 0.068 | 0.225 | 0.274 | 0.600 | 2. | 0.227 |  |
| ${ }^{\text {a }}$ ) | ${ }^{(a)}$ | (a) | (a) | (a) | (a) | (a) |  | (a) | (a) | (a) | (a) | (a) |  |
|  | 2.207 | . 020 |  | . 292 | . 563 | . 706 | . 289 | . 491 | . 226 | . 285 | 1.930 | . 288 |  |
| . 089 | 1.896 | c. 247 | . 580 | . 234 | d. 269 | . 329 | (e) | . 331 | f. 815 | 627 | 1.672 | . 481 |  |
| . 171 | 2.282 | . 357 | . 642 | . 865 | . 850 | . 802 | . 190 | . 169 | . 382 | . 525 | 1.916 | . 202 |  |
| . 137 | 2.189 1.110 | . 481 | . 684 | . 389 | . 315 | . 758 | . 346 | . 446 | . 338 | 565 | 2.206 | . 337 |  |
| . 183 | 1.110 1.284 | 062 | . 6441 | . 269 | . 528 | . 344 | . 127 | . 8197 | . 128 | . 282 | 1.574 1.457 | . 254 |  |
| . 194 | 2.697 | . 480 | 1.137 | . 981 | . 351 | . 683 | . 003 | . 166 | . 703 | . 460 | 1.974 | . 394 | 9 |
| . 103 | 2.182 | . 235 | . 671 | . 306 | . 618 | . 656 | . 235 | . 356 | . 338 | . 782 | 1.862 | . 300 | 10 |
| . 120 | 1.079 | . 525 | . 428 | . 082 | . 261 | . 501 | . 099 | . 513 | . 369 | . 498 | 2.324 | 249 | 11 |
| . 210 | 2. 95 | . 288 | . 687 | . 443 | . 383 | 857 | . 193 | 223 | . 690 | . 397 | 1.617 | 247 | 12 |
| . 124 | 1.100 1.344 | . 099 | . 600 | . 543 | . ${ }^{630}$ | 533 | . 360 | . 527 | .263 | 720 | 1.650 | 283 | 13 |
| . 047 | 1.344 | .245 | . 692 | . 430 | . 3178 | 538 | . 030 | 417 | . 192 | . 592 | 1.096 | . 161 | 14 |
| . 066 | 3.035 | . 216 | . 676 | . 505 | . 373 | 1.066 | . 178 | . 384 | . 638 | . 401 | 1.732 | . 477 | 16 |
| . 024 | 2.278 2.187 | . 192 | . 706 | . 822 | . 6237 | . 9404 | . 126 | . 475 | . 2220 | . 616 | 1.651 1.831 | . 8298 | 16 |
| . 023 | 1.967 | . 181 | . 507 | . 298 | . 414 | . 563 | . 488 | . 381 | . 220 | . 442 | 1.644 | . 507 | 18 |
| . 081 | 1.248 | . 286 | . 633 | . 362 | . 324 | . 448 | . 029 | . 167 | . 200 | . 286 | 1.019 | . 148 | 19 |
| . 022 | 2.157 | . 494 | . 808 | . 331 | . 309 | 033 | . 118 | 152 | . 315 | 573 | 1.579 | 247 | 20 |
| . 186 | 1.227 | . 126 | . 466 | . 219 | . 395 | 778 | . 110 | 208 | 285 | . 312 | 1. 227 | 471 | 21 |
| . 290 | 1.774 | . 183 | . 429 | . 342 | . 272 | . 475 | . 272 | . 296 | . 255 | . 2226 | 1.484 | 244 | 2 |
| . 106 | 1.247 | . 1487 | . 4782 | . 2411 | . 253 | . 7276 | . 053 | . 294 | . 082 | . 247 | . 924 1.259 | . 124 | 24 |
| . 271 | 3.907 | . 364 | . 657 | . 536 | . 550 | . 464 | . 186 | . 214 | . 522 | . 171 | 2.307 | . 543 | 25 |
| . 173 | . 927 | . 160 | . 500 | . 300 | . 287 | . 398 | . 066 | . 327 | . 287 | . 233 | . 947 | . 227 | 26 |
| . 143 | 1.113 | . 737 | . 361 | . 459 | . 421 | . 519 | . 098 | 489 | . 398 | 511 | 2.346 | 316 | 27 |
| . 106 | 1. 565 | . 098 | . 686 | . 257 | . 415 | . 438 | . 241 | . 249 | . 226 | 083 | 1.049 | . 158 | 8 |
| . 008 | 2. 000 | . 157 | . 554 | . 264 | . 455 | .934 | . 091 | 314 | . 760 | . 355 | 2.264 | . 083 | 29 |
| . 133 | 1.333 | ${ }_{0}^{125}$ | . 617 | . 250 | . 258 | . 725 | . 200 | ${ }^{267}$ | . 192 | ${ }^{317}$ | 1.033 | ${ }^{333}$ | 30 |
| . 1027 | 1.982 | . 048 | . 769 | . 681 | . 2688 | ${ }^{627}$ | . 054 | . 2711 | 1.348 .186 | $\begin{array}{r}.509 \\ \hline 409\end{array}$ | 1. 1.304 | .268 .400 | 2 |
| . 122 | 1. 701 | . 402 | - 467 | . 168 | . 738 | . 122 | . 215 | . 935 | . 626 | 1.047 | 2.103 | 1. 467 | 33 |
| . 068 | 628 | . 058 | . 174 | . 135 | . 145 | . 222 | . 116 | . 019 | . 135 | 135 | . 628 | . 126 | 34 |
| . 187 | . 709 | . 073 | . 345 | . 282 | . 400 | . 382 | . 127 | . 318 | . 091 | . 164 | 1.027 | . 282 | 5 |
| . 2781 | 3.155 | . 745 | . 8391 | . 488 | . 382 | . 973 | . 273 | . 054 | . 309 | 218 | 1.509 | . 382 | 36 |
| . 155 | 1.087 | . 058 | . 388 | . 233 | . 534 | . 505 | . 320 | 1.058 | . 243 | 718 | 2.214 | 612 | 8 |
| . 010 | 1.579 | . 210 | . 600 | . 337 | . 705 | 790 | . 390 | . 432 | . 179 | 705 | 2.559 | . 232 | 39 |
| . 270 | 2.170 | . 322 | 1.060 | . 230 | . 360 | 1. 470 | . 090 | . 400 | . 190 | 280 | 1.430 | . 280 | 40 |
| . 106 | 1. 956 | . 225 | . 878 | . 234 | . 085 | . 128 | . 100 | . 255 | 1.573 | . 393 | 1. 850 | . 319 | 41 |
| . 296 | 1.340 2.319 | . 160 | . 8196 | . 128 | . 404 | . 287 | . 202 | . 670 | . 117 | . 063 | 1.192 2.585 | . 2898 | 42 |
| . 053 | . 800 | . 211 | . 800 | . 358 | . 189 | . 558 | . 253 | . 137 | . 316 | 347 | . 803 | . 421 | 4 |
| . 156 | 1.445 | . 289 | . 733 | . 144 | . 644 | . 089 | . 811 | . 389 | . 122 | . 189 | 1.278 | . 138 | 45 |
| . 174 | 1.750 | 1. 207 | . 511 | . 348 | . 391 | . 826 | . 685 | . 456 | . 576 | . 456 | 2.011 | . 913 | 46 |
| . 123 | 2.718 | . 288 | . 492 | . 431 | . 283 | . 763 | . 369 | . 738 | . 480 | . 311 | 2.102 | . 381 | 47 |
| . 100 | 1.631 | . 256 | . 4821 | ${ }^{.} 356$ | . 244 | . ${ }^{356}$ | . 178 | . 111 | . 156 | . 111 | 1.111 | . 1228 | 48 |
| .146 | 1.378 | . 085 | . 451 | . 256 | . 378 | . 768 | . 256 | 1. 098 | . 354 | . 207 | 1.488 | . 219 |  |
| . 089 | 1.898 | . 102 | . 293 | . 357 | . 611 | . 688 | . 675 | . 420 | . 140 | . 268 | 1.796 | . 280 | 51 |
| . 050 | 1.925 | . 100 | . 638 | . 200 | . 650 | 1.063 | . 363 | 413 | . 263 | 137 | 1.588 | 418 |  |
| . 053 | 1.774 | . 160 | . 493 | . 267 | . 427 | 1.240 | . 573 | . 520 | . 400 | 280 | 1,387 | . 360 |  |
| . 078 | 1.857 | . 403 | . 610 | . 338 | . 312 | . 480 | . 169 | . 532 | . 156 | . 519 | 1.649 | . 221 |  |
|  | 2.029 | . 043 | . 786 | . 357 | . 457 | . 471 | . 357 | . 157 | . 186 | 243 | 1.714 | . 171 |  |
| . 107 | 2.014 | . 187 | . 747 | . 338 | . 427 | . 707 | . 200 | . 138 | . 173 | . 280 | 1.587 | . 280 |  |
|  | 1.6 | . 138 | . 647 | . 231 | . 877 | . 515 | $\begin{array}{r}308 \\ .212 \\ \hline\end{array}$ | . 569 | ${ }^{.323}$ | . 4318 | 1.939 | 308 |  |
| . 143 | 2.100 .900 | . 071 | . 243 | . 157 | . 243 | . 371 | . 114 | . 143 | . 214 | 157 | 1.329 | . 257 |  |
| . 138 | 1.554 | . 323 | . 615 | . 27 | . 185 | . 09 | . 074 | . 185 | . 415 | 246 | 1.200 |  | O |
|  | 1.449 | . 110 | . 614 | . 409 | . 346 | 693 | . 346 | . 110 | . 173 | . 561 | 1.339 | . 346 | 61 |
| . 058 | 3. 264 | . 258 | . 906 | . 440 | . 559 | 1.386 | . 053 | . 440 | . 280 | . 360 | 3.104 | 253 | 62 |
| . 098 | 2.443 | . 016 | . 443 | . 459 | 1.049 | . 951 | . 180 | . 557 | . 197 | . 508 | 2.164 | . 279 | 63 |
|  | 1.960 | . 183 | . 718 | . 266 | . 149 | . 100 | . 183 | . 083 | . 465 | . 316 | . 897 | . 382 | 64 |
| . 121 | 1.803 | . 139 | . 745 | . 399 | . 953 | . 572 | . 451 | . 277 | . 451 | . 659 | 1.820 | . 520 | 65 |
| . 103 | 1. 981 | . 207 | . 569 | . 362 | . 500 | . 879 | . 328 | . 155 | . 534 | . 379 | 2362 | . 315 | ${ }_{6}^{66}$ |
| . 018 | 8. 154 | . 136 | . 598 | . 387 | . 21200 | . 1.150 | . 477 | . 2131 | 1.238 | . 450 | 1.500 1.785 | . 1562 | 8 |
| . 258 | 3.11 | . 016 | 274 | . 500 | . 210 | . 985 | . 532 | . 500 | . 548 | 387 | 1. 952 | 629 | 69 |
| 121 | . 604 | 052 | 345 | 259 |  | 310 | 138 | 207 | 241 | 172 |  | 241 | 70 |

a Including deaths from encephalitis.
eIncluded in deaths from other diseases of nervous system.
fIncluding deaths from paralysis, but not including deaths from encephalitis.

TABLE VIII.-DEATH RATE PER 1,000 POPULATION, BY CAUSES (2).

| Mar- <br> ginal <br> num- <br> ber. | Cities. | Organic heart disease. | $\begin{gathered} \text { Other } \\ \text { dis- } \\ \text { eases of } \\ \text { circula- } \\ \text { tory } \\ \text { system. } \end{gathered}$ | Diarrhea and enteritis. |  | Her- nia and <br> intestinal ob-struction. | Peri-tonitis. | Appendicitis. | Other diseases of digestive system. | Bright's disease. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{gathered} \text { Under } \\ 2 \\ \text { years. } \end{gathered}$ |  |  |  |  |  |  |
| 1 | New York, N. Y | 1.291 | 0.206 | 1.617 | 0.273 | 0.138 | 0.083 | 0.123 | 0.513 | 1.343 |
| 2 | Chicago, Ill.. | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) |
| 3 | Philadelphia, Pe | 1. 422 | . 096 | . 859 | . 376 | . 146 | . 225 | . 097 | . 306 | . 731 |
| 4 | St. Louis, Mo.. | (b) | c1.244 | d]. 321 | (e) |  | (e) | . 025 | f. 306 | . 718 |
| 5 | Boston, Mass | 1. 519 | . 476 | 1. 064 | . 150 | . 178 | . 192 | . 181 | . 398 | . 214 |
| 6 | Baltimore, Md | 1.025 | . 462 | 1.396 | . 169 | .173 | . 092 | . 110 | . 690 | 1.173 |
| 7 | Cleveland, Oh | . 695 | . 549 | 1.869 | (e) | . 113 | . 336 |  | . 392 | . 610 |
| 8 | Buffalo, N.Y.. | . 784 | . 368 | 1.078 | . 138 | . 119 | . 092 | . 146 | . 457 | . 603 |
| 9 | San Francisco, | 1.511 | . 743 | . 140 | . 554 | . 109 | . 120 | . 120 | . 863 | . 774 |
| 10 | Cincinnati, Ohio.. | . 918 | . 603 | . 738 | . 318 | . 126 | . 150 | . 097 | . 718 | . 873 |
| 11 | Pittsburg, Pa | . 614 | . 462 | 1.508 | . 201 | . 123 | . 186 | . 114 | . 659 | . 626 |
| 12 | New Orleans, I | 1.733 | . 457 | 1.000 | . 353 | .160 | . 087 | . 083 | . 617 | 1.430 |
| 13 | Detroit, Mich. | . 917 | . 277 | . 967 | . 203 | . 100 | . 253 | . 117 | . 568 | . 610 |
| 14 | Milwaukee, Wis | . 662 | . 155 | 1. 012 | . 060 | . 118 | . 171 | . 094 | . 427 | . 444 |
| 15 | Washington, D. | 1.355 | . 505 | 1. 289 | .244 | . 139 | . 080 | . 094 | . 634 | . 979 |
| 16 | Newark, N. J | . 796 | . 647 | . 906 | . 235 | . 180 | . 118 | . 078 | . 569 | 1.004 |
| 17 | Jersey City, N . | . 791 | . 501 | 1.189 | . 267 | . 187 | . 192 | . 075 | . 623 | . 641 |
| 18 | Louisville Ky | . 823 | 614 | . 488 | . 070 | . 223 | . 209 | . 070 | . 456 | . 828 |
| 19 | Minneapolis, Min | . 652 | . 229 | . 383 | . 114 | . 109 | . 252 | . 162 | . 300 | . 362 |
| 20 | Providence, R. I | 1.410 | . 281 | 1. 584 | . 427 | . 213 | . 095 | . 169 | 1. 135 | 1.090 |
| 21 | Indianapolis, Ind | 1.206 | . 312 | . 488 | . 049 | . 006 | . 630 | . 049 | . 285 | . 466 |
| 22 | Kansas City, Mo | . 626 | .499 | . 180 | . 504 | . 087 | . 417 | . 064 | . 475 | . 591 |
| 23 | St. Paul, Mina | . 635 | . 341 | . 612 | . 024 | . 076 | . 124 | . 153 | . 294 | . 618 |
| 24 | Rochester, N. Y | 1.530 | . 265 | . 347 | . 235 | . 082 | . 253 | . 129 | . 459 | . 700 |
| 25 | Denver, Colo | . 786 | . 522 | . 457 | . 179 | . 171 | . 271 | . 186 | . 529 | . 714 |
| 26 | Toledo, Ohio | . 714 | . 240 | . 627 | . 153 | . 066 | . 207 | . 060 | . 460 | . 340 |
| 27 | Allegheny, Pa | . 940 | . 283 | 1. 466 | . 609 | . 143 | . 263 | . 030 | .451 | . 383 |
| 28 | Columbus, Ohio | . 981 | . 151 | . 543 | . 083 | . 128 | . 121 | . 038 | .480 | . 543 |
| 29 | Worcester, Mass | 1.579 | . 058 | . 983 | . 074 | . 124 | . 248 | . 165 | . 256 | . 793 |
| 80 | Syracuse, N. Y | 1. 067 | . 650 | . 400 | . 817 | . 225 | . 108 | . 008 | . 400 | . 725 |
| 31 | New Haven, Con | 1.125 | . 330 | 1.393 | . 107 | . 107 | . 116 | . 036 | . 518 | . 955 |
| 32 | Paterson, N.J | 1. 255 | . 242 | 1. 134 | . 251 | . 084 | . 353 |  | . 186 | . 437 |
| 33 | Fall River, Mass | . 626 | . 112 | . 280 | . 187 | . 065 | . 206 | . 038 | . 893 | . 355 |
| 34 | St. Joseph, Mo. | . 367 | . 077 | . 290 | . 126 | . 039 | . 106 | . 029 | .203 | . 213 |
| 35 | Omaha, Nebr | . 509 | . 064 | . 164 | .056 | . 056 | . 209 | . 100 | . 236 | . 118 |
| 36 | Los Angeles, Cal | . 882 | . 673 | . 036 | . 391 | . 118 | . 282 | . 127 | . 600 | 1. 018 |
| 37 | Memphis, Tenn | . 456 | . 140 | . 847 | . 381 | . 102 | . 288 | . 167 | . 316 | 1. 200 |
| 38 | Scranton, Pa . | . 573 | . 408 | . 505 | . 369 | . 097 | . 282 | . 087 | .466 | . .573 |
| 39 | Lowell, Mass | 2.074 | . 253 | 1.948 | . 390 | . 158 | . 189 | . 063 | . 432 | . 432 |
| 40 | Albany, N. Y | 1.410 | . 740 | .8460 | . 2220 | . 080 | .190 | . 150 | .450 | 1. 440 |
| 41 | Cambridge, Mass | 1.382 | . 191 | . 595 | .340 | . 064 | . 191 | . 032 | . 372 | . 064 |
| 42 | Portland, Oreg | . 904 | . 394 | . 106 | . 372 | . 255 | . 362 | . 202 | . 309 | . 489 |
| 43 | Atlanta, Ga ... | . 979 | . 404 | . 755 | . 936 | . 117 | . 277 | . 043 | . 574 | . 681 |
| 44 | Grand Rapids, Mich | . 916 | . 326 | . 368 | . 137 | . 084 | . 179 | . 074 | . 547 | . 400 |
| 45 | Dayton, Ohio...... | 1.256 | . 389 | . 478 | . 122 | . 056 | . 122 | . 033 | . 111 | . 944 |
| 46 | Richmond, Va | 1.120 | . 217 | . 522 | . 728 | . 174 | .152 | . 065 | . 696 | . 598 |
| 47 | Nashville, Ten | 1.328 | . 172 | . 922 | . 467 | . 123 | . 271 | . 012 | .467 | . 590 |
| 48 | Seattle, Wash | . 745 | . 222 | . 200 | . 233 | . 078 | . 267 | . 156 | . 322 | . 433 |
| 49 | Hartford, Conn | 1.237 | . 073 | . 576 | . 073 |  | . 282 | . 123 | . 515 | 1. 029 |
| 50 | Reading, Pa.... | . 793 | . 183 | . 695 | . 183 | .098 | . 195 | . 061 | . 464 | . 488 |
| 51 | Wilmington, De | 1.147 | . 522 | 1.108 | . 038 | .076 | . 217 | . 013 | . 599 | . 497 |
| 52 | Camden, N.J | 1.275 | . 275 | $\underline{.} 450$ | . 087 | . 225 | . 175 | . 025 | . 313 | 1.038 |
| 53 | Trenton, N, J | 1.027 | . 660 | . 858 | . 413 | . 080 | . 120 |  | . 253 | . 507 |
| 54 | Bridgeport, Conn | 1.143 | . 480 | 1. 467 | . 584 | . 130 |  | . 091 | .130 | 1. 000 |
| 55 | Lynn, Mass. | 1. 271 | . 548 | . 500 | . 057 | . 157 | . 257 | . 086 | . 443 | . 314 |
| 56 | Oakland, Cal | 1.573 | . 467 | l. 253 | (e) | . 098 | . 160 | . 067 | . 480 | . 627 |
| 57 | Lawrence, Mass. | 1.092 | . 462 | . 585 | . 123 | . 092 | . 185 | .015 | .431 | . 215 |
| 58 | New Bedford, Mass | 1. 697 | . 364 | 1.439 | . 727 | . 212 | . 167 | . 030 | .212 | . 015 |
| 59 | Des Moines, Iowa . | . 371 | . 243 | . 271 | . 143 | . 086 | . 171 | . 029 | . 572 | . 457 |
| 60 | Springfield, Mass. | 1. 616 | . 292 | . 585 | . 108 | . 062 | . 138 | . 092 | . 200 | 1.339 |
| 61 | Somerville, Mass. | 1.165 | . 158 | . 284 | . 381 | . 032 | . 158 | . 079 | . 472 | . 362 |
| 62 | Troy, N. Y...j | 1.465 | . 426 | 1.026 | . 320 | . 186 | . 200 | . 067 | . 586 | 1. 066 |
| 63 | Hoboken, N.J.. | 1. 213 | . 410 | 1.066 | . 377 | . 049 | . 016 | . 049 | . 491 | . 902 |
| 64 | Evansville, Ind | . 515 | . 531 | . 299 | . 515 | . 100 | . 299 | . 050 | . 332 | . 382 |
| 65 | Manchester, N. H | 1. 213 | . 485 | 2.063 | . 485 | . 087 | . 243 |  | . 607 | . 797 |
| 66 | Utica, N. Y | 1. 224 | . 448 | . 569 | . 362 | . 121 | . 397 | . 069 | . 724 | . 897 |
| 67 | Peoria, Ill. | . 333 | . 867 | . 367 | . 016 | . 217 | . 083 | . 150 | . 317 | . 684 |
| 68 | Charleston, S. ${ }^{\text {C }}$ | . 769 | . 831 | . 323 | 2.338 | . 108 | . 108 | . 108 | 1.062 | 3.154 |
| 69 | Savannah, Ga..... | 1.129 | . 323 | . 113 | 1.032 | . 032 | . 226 | . 065 | . 935 | 1. 371 |
| 70 | Salt Lake City, Utah | . 810 | . 207 | . 345 | . 069 | . 086 | . 138 | . 121 | . 259 | . 500 |

$a$ Data not obtainable.
$b$ Included in deaths from other diseases of circulatory system.

- Including deaths from organic heart disease.
a Including deaths from dysentery, diarrhea and enteritis 2 years or over, peritonitis, and gastritis.
e Included in deaths from diarrhea and enteritis under 2 years.
$f$ Not including deaths from gastritis.
o Included in deaths from other forms of tuberculosis.

Table VIII.-DEATH RATE PER 1,000 POPULATION, BY CAUSES (2).

| Other <br> dis- <br> eases <br> of gen <br> ito <br> uri- <br> nary <br> sys- <br> tem. | Puerperal septi-cemia. | Other puerperal diseases. | Disof the skin and lar tissue. | $\begin{array}{\|c\|} \text { Dis- } \\ \text { eases } \\ \text { of } \\ \text { loco- } \\ \text { motor } \\ \text { sys- } \\ \text { tem. } \end{array}$ | $\begin{aligned} & \text { Hy- } \\ & \text { dro- } \\ & \text { ceph- } \end{aligned}$ | Other maltions. | $\begin{gathered} \text { Infan- } \\ \text { tile } \\ \text { dis- } \\ \text { eases. } \end{gathered}$ | $\begin{gathered} \text { Senile } \\ \text { debil } \\ \text { ity. } \end{gathered}$ | $\begin{aligned} & \text { Sui- } \\ & \text { cide. } \end{aligned}$ | Acci- | $\begin{array}{\|} \text { H1-de- } \\ \text { fined } \\ \text { dis- } \\ \text { eases. } \end{array}$ | Total | $\begin{gathered} \text { Mar- } \\ \text { ginal } \\ \text { num- } \\ \text { ber. } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 0.36 | 0.06 | 0.113 | 0.054 | 0.039 |  | 0.120 | 0.5 | 0.343 | 0.199 | 1.159 | 0.6 |  |  |
| (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | 13.559 |  |
| . 879 | . 017 | . 062 | . 055 | . 002 | . 016 |  | 1.372 | . 616 | . 109 | 955 | . 114 | 18.080 |  |
| . 622 | . 025 | . 050 | . 027 | . 010 | (g) | (h) | i1.892 | . 975 | . 240 | 1.234 | . 029 | 17.817 |  |
| . 842 | . 054 | . 084 | . 031 | . 010 | (j) | k. 066 | 1.454 | . 563 | . 115 | 1.018 | . 204 | 19.701 |  |
| . 350 | . 106 | . 131 | . 063 | . 044 |  | . 031 | 1.798 | . 717 | . 110 | . 931 | . 283 | 20.152 |  |
| . 04 | . 054 | . 041 | 03 |  | . 018 | . 039 | 1. 554 | . 741 | . 144 | . 721 | . 464 | 14.959 |  |
| .446 | . 156 | . 1723 | .051 | . 024 | . 011 | . 0105 | . 5657 | . 546 | . 429 | 1.189 | . 013 | 14.486 20.023 |  |
| . 485 | . 085 | . 050 | . 135 | . 021 |  | . 038 | . 771 | . 735 | . 215 | 871 | . 006 | 18.103 | 10 |
| . 123 | . 096 | . 129 | . 015 | . 030 | . 033 | . 075 | . 797 | . 210 | 135 | 1.907 | . 189 | 19.766 | 11 |
| . 303 | . 103 | . 100 | . 076 | . 020 |  | . 107 | . 497 | . 950 | . 1107 | 1.427 | . 760 | 21.593 | 12 |
| . 180 | . 073 | . 260 | . 040 | . 003 | . 020 | . 073 | 867 | . 664 | . 110 | . 690 | . 200 | $n 15.043$ | 13 |
| . 215 | . 094 | . 071 | . 064 | . 007 |  | . 020 | 975 | . 387 | . 198 | 571 | . 047 | 12.884 | 14 |
| . 477 | . 066 | . 126 | . 108 | . 059 |  | . 028 | 1.467 | . 617 | . 132 | 788 | . 031 | 21.209 | 15 |
| . 345 | . 106 | . 094 | . 082 | . 031 | . 031 | . 059 | 1.373 | . 467 | . 267 | 1.298 | . 239 | 18.847 | 16 |
| . ${ }^{459}$ | ${ }^{.126}$ | . 094 | . 066 | . 014 | . 014 | . 042 | 1.540 | . 398 | . 154 | 1.362 | . 183 | 18.925 | 17 |
| . 2024 | . 062 | . 186 | . 033 | . 033 | . 014 | . 0043 | 1.079 .505 | . 954 | . 129 | . 767 | . 088 | 16.265 11.952 | 18 |
| . 657 | . 062 | . 157 | . 079 | . 017 |  | . 202 | . 640 | . 444 | . 084 | 1.045 | . 191 | 19.348 | 20 |
| . 142 | . 006 | . 022 |  | . 033 | . 099 |  | 1.008 | . 669 | . 148 | 1.304 | . 132 | 14.132 | 21 |
| . 186 | . 012 | . 041 | . 110 | . 012 |  | . 006 | 1.368 | . 342 | . 139 | 1.449 | . 620 | 15.496 | 22 |
| . 035 | . 012 | . 006 | . 100 | . 012 | 012 | . 006 | 1.053 | . 288 | . 112 | . 647 | . 082 | 10.618 | 23 |
| . 159 | . 029 | . 159 | . 041 | . 018 |  | . 012 | . 941 | . 930 | . 065 | . 694 | . 035 | 14.512 | 24 |
| . 429 | . 014 | . 507 | . 043 | . 014 | . 021 | . 036 | . 593 | . 464 | . 007 | . 972 | . 314 | 19.514 | 25 |
| . 207 | . 040 | . 066 | . 013 |  | . 007 | . 040 | . 427 | . 787 | . 107 | 794 | . 093 | 11.420 | 26 |
| . 180 | . 053 | . 135 | . 007 | . 015 | . 030 | . 068 | . 812 | . 474 | . 180 | 1.038 | . 226 | 18.233 | 27 |
| . 075 | . 045 | . 023 | . 060 | . 008 |  | . 008 | . 551 | . 543 | . 174 | . 581 | . 083 | 11.675 | 28 |
| . 124 | . 149 | . 033 | . 050 |  |  | . 033 | 1.124 | . 744 | . 124 | . 702 |  | 16.512 | 29 |
| . 067 | . 067 | . 042 | . 083 |  |  | 033 | . 667 | . 600 | . 067 | . 692 | . 592 | 13.117 | 30 |
| . 223 | . 116 | . 018 | . 161 | . 018 | . 018 | . 009 | 1.062 | . 500 | . 125 | . 857 | . 312 | 17.634 | 31 |
| - 372 | . 009 |  | . 186 | . 046 |  | . 065 | 1.450 | . 400 | . 056 | . 976 | . 307 | 16.805 | 32 |
|  |  |  | . 028 | . 009 |  |  | 2.944 | . 439 | . 009 | . 467 | . 215 | 20.028 | 33 |
| . 126 | . 068 | . 077 | . 010 |  | . 019 | . 010 | 541 | . 193 | . 019 | . 619 | . 106 | 6.493 | 34 |
| . 300 | . 082 | . 091 | . 073 | . 027 | . 027 |  | . 946 | . 536 | . 027 | . 500 | . 164 | 9.409 | 35 |
| . 382 | . 164 | . 045 | . 091 | . 018 |  | . 009 | . 918 | . 564 | . 173 | . 745 | . 437 | 18.045 | 36 |
| . 056 | . 167 | . 056 | . 028 | . 009 |  | 028 | . 409 | . 400 | . 149 | 1.628 | 2.047 | 17.916 | 37 |
| . 107 | . 010 | . 010 | . 097 | . 019 | . 019 | . 010 | 1.155 | . 078 | . 126 | 1.660 | . 660 | 16.816 | 38 |
| . 611 | . 084 | . 074 | . 032 | . 021 | . 021 |  | 2.159 | . 421 | . 095 | . 748 | . 337 | 21.460 | 39 |
| . 130 | . 090 | . 100 | . 050 | . 010 | . 010 | . 020 | . 560 | . 500 | . 250 | . 860 | . 080 | 17.590 | 40 |
| . 691 | . 011 | . 085 | . 043 | . 032 | . 074 | . 011 | . 446 | . 361 | . 106 | . 627 | 1.042 | 16.730 | 41 |
| . 234 |  | . 021 | . 064 | . 011 | . 011 |  | . 553 | . 532 |  | 1.255 |  | 12.468 | 42 |
| . 245 | . 021 | . 053 | . 032 | . 011 | . 021 | . 021 | . 883 | . 181 | . 021 | . 915 | 1. 660 | 20.543 | 43 |
| . 2253 | . 0048 | . 042 | . 032 | . 010 | . 021 |  | . 8744 | . 526 | . 1688 | . 6769 | ${ }^{.} 200$ | 12.000 13.633 | 44 |
| . 200 | . 144 | . 011 | . 078 | . 022 |  |  | . 944 | . 767 | . 078 | . 667 | - 256 | 13.633 20.728 | 45 |
| . 424 | . 141 | . 076 | . 1212 | . 011 |  | . 012 | + 1.826 | . 761 | . 071 | . 7313 | 1.065 | 20.728 | 46 |
| . 074 | . 049 | . 0938 | . 012 |  |  | . 012 | 1.746 | . 590 |  | . 713 | . 2911 | - $\begin{array}{r}\text { 19. } \\ 9 \\ 9\end{array}$ | 47 |
| . 056 | . 044 | . 033 | . 011 | 011 |  | .iio | 1. 1200 | . 649 | . 238 | . 6764 | ${ }_{.}^{219}$ | $\begin{array}{r}9.733 \\ 14.678 \\ \hline\end{array}$ | 8 |
| . 219 |  | . 024 | . 037 |  | . 012 | . 012 | 1.366 | . 354 | . 073 | . 915 | 1.390 | 16.573 | 50 |
| . 306 | . 076 | . 038 | . 204 | . 013 | . 051 |  | 1. 1.440 | . 395 | . 051 | 1. 299 | . 688 | 17.885 | 51 |
| . 175 | . 100 | . 037 | . 037 | . 037 | . 025 | . 075 | 1.838 | . 375 | . 050 | . 725 | . 588 | 16.950 | 2 |
| . 600 | . 040 | . 067 | . 121 |  |  | . 107 | 1.254 | . 360 | . 067 | . 987 | . 293 | 16.413 | 3 |
| . 117 | . 091 |  | . 013 |  |  | . 091 | . 883 | . 195 | . 091 | . 649 | . 039 | 15. 896 | 54 |
| . 457 | . 057 | . 086 | . 086 |  |  | . 043 | . 671 | . 686 | . 028 | . 529 | . 386 | 14.571 |  |
| . 253 | . 040 | . 013 | . 053 |  | . 027 |  | 800 | .453 | . 213 | . 613 | . 040 | 13.973 | 5 |
| + ${ }^{231}$ | . 108 | . 092 | . 062 | . 046 | . 031 | . 015 | 3.139 | 446 | . 200 | . 569 | . 538 | 17.200 | 57 |
| 1.045 | . 030 | . 015 | . 061 | . 030 |  | 030 | 1.758 | 758 | . 091 | . 470 | . 182 | 18.727 | 58 |
| . 086 | . 043 | . 086 | . 014 | . 014 | . 043 | . 014 | . 788 | . 343 | . 086 | . 486 | . 788 | 10. 571 | 59 |
| . 138 | . 077 | . 092 | . 031 |  | . 031 | . 046 | 1. 123 | . 646 | . 062 | . 769 | . 231 | 14.354 | 60 |
| . 472 | . 047 | . 095 | . 110 |  |  | . 047 | . 740 | . 425 | . 079 | . 331 |  | 13.087 | 61 |
| . 320 | . 146 | . 093 | . 027 |  | . 027 | . 067 | . 879 | . 733 | . 080 | . 360 | . 466 | 22.143 | 62 |
| . 038 | . 279 | . 183 | . 115 | . 017 |  | . 14 | .820 .980 | . 3821 | . 426 | 1.443 .664 | . 180 | 18.967 12.375 | 63 |
| . 173 | . 052 | . 052 | . 052 | . 034 |  | .139 | 1.751 | .260 | . 087 | . 607 | . 572 | 19.606 | 65 |
| . 259 | . 035 | . 103 | . 172 |  | . 035 | . 035 | . 948 | . 465 | . 138 | . 534 | . 466 | 17.776 | 66 |
|  | . 100 | . 067 |  | . 33 | . 033 | 050 | 517 | . 950 | . 183 | . 800 | 350 | 13.183 | 67 |
| . 292 | . 061 | . 215 | . 2113 | . 061 | . 0436 | . 754 | 1.154 | . 6892 | . 1415 | 1.800 | 1.839 | 26.538 | 69 |
| . 448 | . 155 | . 069 | . 052 | . 017 |  | . 17 | . 914 | .845 | 14 | . 672 | 1.155 | 12.172 | 70 |

$h$ Included in deaths from infantile diseases.
including deaths from other malformations.
$j$ Included in deaths from other malformations.
kincluding deaths from hydrocephalus.
$t$ Including deaths from diarrhea and enteritis 2 years or over.
$m$ Including 808 deaths occurring outside city limits.
$n$ Not including 81 deaths of nonresidents.

Table VIII.-DEATH RATE PER 1,000 POPULATION, BY CAUSES (1)—Concluded.

| Marginal number. | Cities. | Typhoid fever. | $\begin{gathered} \text { Mala- } \\ \text { Tia. } \end{gathered}$ | Small- | Measles. | Scarlet fever. | $\begin{aligned} & \text { Whoop- } \\ & \text { ing } \\ & \text { cough. } \end{aligned}$ | Diphtheria and croup. | Grippe | $\begin{aligned} & \text { Dys- } \\ & \text { en- } \\ & \text { tery. } \end{aligned}$ | Other epidemic diseases. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 71 | San Antonio, Tex .- | 0.415 | 0.775 |  | 0.162 | 0.216 | 0.126 | 0.361 | 0.415 | 0. 234 | 0.108 |
| 72 | Duluth, Minn ...... | . 732 |  | 0.018 |  | . 018 | . 018 | . 482 | . 089 | . 036 | . 125 |
| 73 | Erie, Pa..... | . 145 | . 018 |  | . 727 | . 055 | .346 | . 164 | . 036 | . 036 | . 036 |
| 74 | Elizabeth, N.J | . 278 | . 018 |  | . 018 | . 073 | . 056 | . 400 | . 091 | . 036 | . 127 |
| 75 | Wilkesbarre, Pa.... | . 346 |  |  | . 058 | . 173 |  | . 365 | .115 | . 019 | . 077 |
| 76 | Kansas City, Kans - | . 789 | . 129 | . 037 | . 183 | . 330 | . 055 | . 202 | . 110 | . 037 |  |
| 77 | Harrisburg, Pa. .... | . 382 | . 036 | -0.7- | .018 | . 073 | . 109 | . 218 | . 036 | . 236 |  |
| 78 | Portland, Me....... | . 250 | . 038 | . 019 | . 019 |  | . 135 | . 442 | . 077 | . 058 | . 058 |
| 79 | Yonkers, $\mathrm{N} . \mathrm{Y}$ | . 118 | . 089 | .196 |  | . 089 | . 020 | . 372 |  | . 020 | . 059 |
| 80 | Norfolk, Va | . 582 | . 382 |  | . 055 |  | . 400 | . 109 | . 273 | .291 | . 055 |
| 81 | Waterbury, Conn(a) | . 312 | . 062 |  | . 021 | . 125 | . 270 | .332 | . 640 | . 104 | . 125 |
| 82 | Holyoke, Mass....... | . 147 | . 021 |  | . 021 | . 042 | . 357 | . 945 | . 210 | . 042 | . 063 |
| 83 | Fort Wayne, Ind ... | . 314 | . 020 | . 039 | . 089 | . 098 | . 039 | . 157 | . 216 | . 098 | . 020 |
| 84 | Youngstown, Ohio.. | 1.180 | . 100 |  | . 080 | . 060 |  | . 460 | . 240 | . 040 |  |
| 85 | Houston, Tex ...... | . 520 | 1.200 | . 140 |  | . 080 | . 020 | . 220 | . 140 | . 240 | . 020 |
| 86 | Covington, Ky ...... | . 391 | . 115 |  | . 023 | . 023 | . 207 | . 299 | . 652 | . 230 | . 092 |
| 87 | Akron, Ohio.. | . 267 | . 111 |  | . 044 |  |  | . 200 | . 089 |  | . 089 |
| 88 | Dallas, Tex. | . 340 | . 660 |  | . 060 | . 080 | . 020 | . 080 | . 080 | . 240 | . 080 |
| 89 | Saginaw, Mich | . 289 | . 111 | . 022 |  | . 022 | . 044 | . 356 | . 200 | . 067 | .111 |
| 90 | Lancaster, Pa | . 241 |  |  |  | . 072 | . 072 | . 458 | . 651 | . 145 | . 072 |
| 91 | Lincoln, Nebr | . 282 | . 047 |  | . 071 |  | . 094 | . 424 | . 047 | . 047 |  |
| 92 | Brockton, Mass .... | . 141 | .047 |  | . 023 | .212 | . | .259 | . 235 | . 047 | . 329 |
| 93 | Binghamtom, N.Y.. | . 561 |  |  | . 122 | . 122 | . 098 | . 512 | . 268 | . 073 | . 024 |
| 94 | Augusta, Ga....... | .366 | 1.049 | . 024 | . 122 | . 244 | . 073 | . 268 | . 463 | . 244 | . 146 |
| 95 | Pawtucket, R. I .... | . 148 | . 074 |  | . 025 | . 025 |  | . 517 | . 394 | . 098 | . 025 |
| 96 | Altoona, Pa. | . 275 |  |  | . 025 | . 150 |  | . 500 | . 050 | . 200 |  |
| 97 | Wheeling, W. Va | . 950 | . 025 | . 025 | . 125 | . 300 | .150 | . 600 | . 425 | . 050 | . 050 |
| 98 | Mobile, Ala ........ | . 722 | . 670 | . 077 |  | . 180 | . 026 | . 077 | . 232 | . 206 | . 180 |
| 99 | Birmingham, Ala | . 927 | . 146 |  | . 024 | . 317 |  | . 219 | . 098 | . 489 | . 049 |
| 100 | Little Rock, Ark ... | . 675 | . 602 | . 024 | . 024 | . 121 | . 096 | . 096 | . 678 |  | . 193 |
| 101 | Springfield, Ohio ... | . 200 |  |  | . 025 | . 100 | . 025 | . 325 | . 175 | . 050 | . 025 |
| 102 | Galveston, Tex. | . 357 | . 286 | . 214 |  | . 086 |  | . 286 | . 107 | . 357 | . 107 |
| 103 | Tacoma, Wash.. | . 275 |  |  | 150 | . 125 | . 075 | . 275 | . 100 | . 025 | . 025 |
| 104 | Haverhill, Mass | . 269 | . 027 |  |  | . 054 | . 054 | . 377 | . 511 |  | . 054 |
| 105 | Spokane, Wash..... | . 475 |  | . 050 |  | . 100 | . 025 | . 125 | . 175 | . 050 | . 025 |
| 106 | Terre Haute, Ind... | . 675 | . 150 |  | . 075 | .200 | .250 | . 325 | . 425 | . 075 |  |
| 107 | Dubuque, Iowa..... | . 187 | . 053 | . 053 |  | . 053 | . 027 | . 053 | . 107 | . 053 | . 080 |
| 108 | Quincy, Ill .......... | . 605 |  | . 058 |  | . 132 | , | . 053 | . 053 | . 026 | . 026 |
| 109 | South Bend, Ind ... | . 445 | . 023 |  | . 023 | . 023 | . 047 | . 141 | . 258 | .117 | . 047 |
| 110 | Salem Mass . | . 110 | . 138 |  | . 028 | .441 | . 028 | . 331 | . 359 | . 193 | . 359 |
| 111 | Johnstown Pa | 1.000 |  |  |  | . 200 | . 025 | . 575 | . 050 | . 150 | . 025 |
| 112 | Elmira, N. Y......... | . 274 |  |  | . 027 | . 200 | . 466 | . 498 | . 521 | . 027 |  |
| 113 | Allentown, Pa...... | . 472 |  |  |  |  |  | . 417 | . 111 |  | . 056 |
| 114 | Davenport, Iowa... | . 302 |  | . 027 | . 110 | . 137 | . 137 | . 164 | . 137 | . 137 | . 082 |
| 115 | McKeesport, Pa .... | . 773 |  |  | . 027 | . 373 | . 027 | . 427 |  | . 133 | . 058 |
| 116 | Springfield, Ill | . 222 | . 028 | . 083 | . 139 | . 028 | . 056 | . 695 | . 111 | . 13 | . 111 |
| 117 | Chelsea, Mass | . 198 |  |  | . 085 | . 085 | . 085 | . 510 | . 227 | 057 | . 057 |
| 118 | Chester, Pa.......... | . 400 | . 028 | . 086 |  |  | . 028 | . 514 | . 2229 | . 057 | . 0. |
| 119 | York, Pa ..... | . 378 |  |  | . 027 |  | . 054 | .297 | . 108 | . 054 | . 081 |
| 120 | Malden, Mass | .260 |  | . 029 | . 029 | . 029 | . 202 | . 317 | . 231 | . 058 | . 029 |
| 121 | Topeka, Kans | . 435 | . 174 |  |  | . 232 | . 087 | .116 | . 087 | . 029 |  |
| 122 | Newton, Mass ....... | . 165 | . 027 | . 027 |  | . 027 |  | . 308 |  | . 083 |  |
| 123 | Sioux City, Iowa... | .197 |  | . 084 | .169 | . 028 | . 056 | .118 | . 084 |  | .056 |
| 124 | Bayonne, N. J...... | . 057 | . 029 | . 057 | . 171 | . 114 | . 029 | . 814 | .171 | . 086 |  |
| 125 | Knoxville, Tenn ... | . 522 | . 058 | . 116 |  | . 609 |  | . 232 | . 208 | . 058 | . 029 |
| 126 | Schenectady, N. Y... | . 347 | . 026 |  | . 026 | . 080 | . 026 | . 774 | . 053 |  | .107 |
| 127 | Fitchburg, Mass.... | . 219 |  | . 031 |  |  | . 094 | . 375 | . 125 |  | . 062 |
| 128 | Superior, Wis . . . . . . | . 437 |  |  | .063 | . 063 | . 0041 | . 281 | . 375 | . 063 | .156 |
| 129 | Rockford, Ill ........ | . 062 |  |  |  | . 081 | .094 | . 081 | . 250 | . 188 |  |
| 130 | Taunton, Mass | . 193 | . 065 |  |  | . 129 | . 082 | . 198 | . 258 | . 097 | . 097 |
| 131 | Canton, Ohio........ | .121 | . 030 |  |  |  | . 061 | .182 | . 030 |  | . 030 |
| 132 | Butte, Mont........ | . 281 |  |  |  | . 594 | . 094 | . 375 | . 062 |  | . 031 |
| 183 | Montgomery, Ala ..- | . 254 | 317 | 082 | . 029 | . 2222 | . 029 | . 064 | . 127 | 190 .029 |  |
| 185 | Chattanooga, Tenn. | . 688 | . 219 | . 187 |  | . 062 | . 062 | . 313 | . 281 | . 281 | .081 |
| 136 | East St. Louis, Ill... | . 400 | . 114 | . 057 | . 057 | . 314 | . 057 | . 286 | . 200 | . 028 |  |
| 187 | Joliet, Ill ........... | . 219 | . 094 |  | . 062 | . 094 | . 125 | . 156 | . 094 | . 062 | . 081 |

a Including data for township.

Table VIII.—DEATH RATE PER 1,000 POPULATION, BY CAUSES (1)-Concluded.

| ©ivece我: |  |
| :---: | :---: |
|  No |  |
|  |  |
|  | ¢ $9_{9}$ |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

TABLE VIIL-DEATH RATE PER 1,000 POPULATION, BY CAUSES (2)-Cóncluded.

|  |  |  | Other | Diarrh ente | ea and ritis. | Her- |  |  | er |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Mar- <br> ginal <br> num- <br> ber. | Cities. | Organ- <br> ic heart <br> disease. | eases of circulatory system. | $\begin{gathered} \text { Under } \\ 2 \\ \text { years. } \end{gathered}$ | $\begin{gathered} 2 \\ \text { years } \\ \text { or } \\ \text { over. } \end{gathered}$ | and intestinal ob-struction. | Peri-tonitis. | Appendicitis. | cases of digestive system. | Bright's disease. |
| 71 | San Antonio, Tex | 0.685 | 0.505 | 1.658 | 0.270 | 0.018 | 0.180 | 0.144 | 0.793 | 0.937 |
| 72 | Duluth, Minn .... | . 411 | . 303 | 1.179 | . 089 | . 107 | .196 | . 161 | . 232 | . 554 |
| 73 | Erie, Pa...... | . 946 | . 200 | . 891 | . 182 | 182 | . 164 | . 164 | .478 | . 600 |
| 74 | Elizabeth, N. | . 873 | . 800 | 1.546 | . 255 | . 091 | . 109 | . 018 | . 309 | .927 |
| 75 | Wilkesbarre, Pa | . 827 | . 077 | . 885 | . 058 | . 115 | . 250 | . 077 | . 308 | . 692 |
| 76 | Kansas City, Kans ... | . 716 | . 495 | . 165 | . 349 | . 073 | . 330 | . 092 | .477 | . 569 |
| 77 | Harrisburg, Pa ....... | . 946 | . 109 | . 709 | . 073 | . 109 | .127 | . 091 | . 400 | . 400 |
| 78 | Portland, Me. | 1. 558 | . 192 | . 538 |  | . 058 | . 231 | . 077 | . 346 | 1. 462 |
| 79 | Yonkers, N . Y | . 868 | . 608 | . 882 | . 216 | . 137 | .137 | . 137 | . 490 | . 863 |
| 80 | Norfolk, Va | 1.382 | . 236 | . 745 | 1.146 | . 273 | . 182 | . 145 | . 745 | .618 |
| 81 | Waterbury, Conn. (a). | . 561 | . 478 | 1.641 | . 228 | . 228 | . 041 | . 104 | . 499 | . 685 |
| 82 | Holyoke, Mass ........ | . 546 | . 252 | 1. 765 | . 210 | . 105 | . 168 | . 126 | . 651 | . 462 |
| 83 | Fort Wayne, Ind | . 333 | . 353 | . 378 | . 098 | . 089 | .338 | . 059 | . 510 | . 647 |
| 84 | Youngstown, Ohio | 1.100 | 140 | . 700 | . 180 | . 100 | . 120 |  | . 420 |  |
| 85 | Houston, Tex | . 700 | . 220 | . 980 | . 300 | . 080 | . 140 | . 080 | . 840 | 660 |
| 86 | Covington, Ky........ | 1.494 | 1.011 | . 666 | .161 | . 092 | . 345 | . 069 | . 621 | 666 |
| 87 | Akron, Ohio........... | . 844 | . 089 | . 356 | . 067 | . 067 | . 155 | . 022 | . 311 | . 467 |
| 88 | Dallas, Tex............ | . 460 | . 320 | . 580 | . 240 | . 100 | . 140 | . 2220 | . 940 | . 500 |
| 89 | Saginaw, Mich ....... | 1.178 | . 133 | .467 | . 111 | . 244 | . 267 | . 200 | . 578 | . 444 |
| 90 | Lancaster, Pa ......... | 1.110 | . 338 | . 386 | . 591 | . 096 | . 048 | . 072 | . 410 | . 531 |
| 91 | İncoln, Nebr ......... | . 353 | . 141 | . 235 | . 071 | . 094 | . 071 | . 047 | . 353 | . 306 |
| 92 | Brockton, Mass. ...... | . 965 | . 188 | . 212 | . 306 | . 047 | . 118 | . 071 | . 659 | . 188 |
| 93 | Binghamton, N. Y ... | . 854 | . 317 | . 817 | . 024 |  | . 293 | . 268 | . 488 | . 781 |
| 94 | Augusta, Ga....... | . 659 | . 415 | . 561 | 1.634 | . 024 | . 368 | . 073 | . 854 | . 707 |
| 96 | Pawtucket, R.I. | 1. 772 | . 148 | 1.157 | . 320 | . 148 | . 025 | . 049 | . 517 | . 689 |
| 96 | Altoona, Pa .-. | . 575 | . 525 | . 650 | . 325 | . 050 | . 225 | . 050 | . 475 | . 625 |
| 97 | Wheeling, W. Ve | 1.150 | . 225 | c. 750 | ${ }^{(d)}$ | . 275 | . 175 | . 100 | . 878 | . 525 |
| 98 | Mobile, Ala | 1. 314 | . 206 | . 284 | . 748 | . 155 | . 335 | . 052 | . 722 | 2.139 |
| 99 | Birmingham, Ala .... | . 732 | . 244 | . 171 | 1. 298 | . 098 | . 415 | . 073 | . 780 | . 561 |
| 100 | Little Rock, Ark ..... | . 627 | . 458 | . 651 | . 964 | . 193 | . 145 | . 096 | . 602 | . 434 |
| 101 | Springfield, Ohio. | . 750 | . 025 | . 175 | . 075 | . 025 | . 150 | . 075 | . 250 | 1. 000 |
| 102 | Galveston, Tex. | . 964 | . 179 | . 750 | . 500 | . 107 | . 143 | . 214 | . 857 | 2.357 |
| 103 | Tacoma, Wash . | 1.575 | . 275 | . 100 | . 125 | . 050 | . 200 | . 150 | . 200 | . 425 |
| 104 | Haverhill, Mass | . 968 | . 269 | . 780 | . 108 | . 134 | . 081 | . 054 | . 242 | . 538 |
| 105 | Spokane, Wash. | . 900 | . 225 | . 300 | . 150 | . 100 | . 275 | . 250 | . 475 | . 425 |
| 106 | Terre Haute, Ind | 1.150 | . 250 | . 750 | . 150 | . 275 | .400 | . 125 | .650 | . 250 |
| 107 | Dubuque, Iowa. | . 880 | . 298 | . 453 | . 027 | . 053 | . 187 | . 080 | . 480 | . 534 |
| 108 | Quincy, Ill. | . 500 | . 237 | . 632 | . 192 |  | . 210 | . 105 | . 553 | . 605 |
| 109 | South Bend, Ind....... | . 328 | . 375 | . 726 | . 070 | . 141 | . 211 | . 047 | . 351 | . 445 |
| 110 | Salem, Mass | 1.103 | . 717 | . 331 | . 772 | . 055 | .110 | . 088 | . 441 | . 248 |
| 111 | Johnstown, P | 1.175 | .200 | 1.050 | . 625 | . 076 | .175 | . 150 | . 325 | . 375 |
| 112 | Elmira, N . Y | 1.069 | .411 | . 648 |  | . 164 | . 164 | . 137 | . 548 | . 986 |
| 113 | Allentown, Pa... | 1.083 | . 111 | . 333 | .139 | . 083 | . 139 | . 083 | . 389 | . 722 |
| 114 | Davenport, Iowa | 1.069 | . 384 | . 575 | .164 | . 164 | . 164 | . 164 | . 302 | . 356 |
| 115 | McKeesport, Pa | . 480 | . 160 | 1.040 | . 853 | . 133 | . 480 | . 053 | . 533 | . 160 |
| 116 | Springfield, Ill. . . . . . . | . 583 | . 111 | . 472 | . 250 | . 167 | . 250 | . 194 | . 750 | . 833 |
| 117 | Chelsea, Mass.......... | 1. 985 | . 567 | . 170 | . 879 | . 142 | . 142 | . 028 | . 454 | . 596 |
| 118 | Chester, Pa | . 943 | . 343 | 1.057 | . 114 | . 286 | . 171 |  | . 486 | . 286 |
| 119 | York, Pa.. | . 622 | . 433 | . 946 | . 270 | . 054 | . 081 |  | . 351 | . 405 |
| 120 | Malden, Mass. | 1. 241 | . 404 | . 490 | . 288 | . 058 | .115 | . 058 | . 288 | . 404 |
| 121 | Topela, Kans. | . 763 | . 261 | . 464 | . 174 |  | . 174 | . 377 | . 696 | . 087 |
| 122 | Newton, Mass. | . 881 | . 275 | . 716 | . 138 | . 198 | . 083 | . 055 | . 275 | . 330 |
| 123 | Bioux City, Iow | . 761 | . 113 | . 394 | . 225 | . 111 | . 310 | . 084 | . 451 | . 282 |
| 124 | Bayonne, N. J. | . 114 | . 486 | 1.400 | . 229 | . 114 | . 229 |  | . 657 | . 657 |
| 125 | Knoxville, Tenn | . 666 | . 348 | . 406 | . 174 | . 029 | . 348 | . 116 | . 695 | . 551 |
| 126 | Schenectady, N. Y | . 613 | . 320 | 1.200 | . 240 | . 267 | . 267 | . 080 | . 267 | . 480 |
| 127 | Fitchburg, Mass | 1. 719 | . 219 | . 969 | . 187 | . 031 | . 219 |  | . 344 | . 156 |
| 128 | Superior, Wis | . 531 | . 094 | 1.437 | . 094 | . 125 | . 125 | .187 | . 187 | . 375 |
| 129 | Rockford, Ill. | . 594 | . 375 | . 668 |  | . 156 | . 125 | . 188 | . 437 | . 094 |
| 130 | Taunton, Mass. | 1.192 | . 193 | 1. 353 |  | . 161 | . 161 | . 129 | . 193 | . 580 |
| 131 | Canton, Ohio | . 939 | . 061 | . 333 | . 091 | . 121 | . 091 | . 061 | . 333 | . 394 |
| 132 | Butte, Mont | . 500 | . 062 | . 750 | . 344 | . 125 | . 219 | . 187 | . 344 | 844 |
| 133 | Montgomery, Ala..... | . 921 |  | . 698 | . 476 | . 064 | . 095 | . 064 | . 698 | . 603 |
| 134 | Auburn, N. Y .......... | . 771 | .171 | . 400 | . 286 | . 029 | . 2229 | . 114 | . 4886 | .628 750 |
| 135 | Chattanooga, Tenn... | . 688 | . 313 | . 750 | . 125 |  | . 2114 | .031 | . 906 | . 750 |
| 136 | East St. Louis, Ill ..... | . 257 | . 171 | . 314 | . 086 | . 2229 | . 114 | . 057 | . 200 | . 229 |
| 137 | Joliet, Ill . ............... | . 344 | . 081 | . 719 | . 094 | . 125 | . 125 | . 081 | . 188 | . 406 |

[^6]Table VIII.-DEATH RATE PER 1,000 POPULATION, BY CAUSES (2)-Concluded.

| Other disof gen. itonary sys- tem. | Puerperal septi-cæmia. | Other puerperal diseases. | Disof the skin and cellular tissue. | Diseases of 10c0-system. | $\begin{aligned} & \text { Hy- } \\ & \text { dro- } \\ & \text { cepp- } \\ & \text { alus. } \end{aligned}$ | $\begin{gathered} \text { Other } \\ \text { mal- } \\ \text { forma- } \\ \text { tions. } \end{gathered}$ | $\begin{gathered} \text { Infan- } \\ \text { tile } \\ \text { dis- } \\ \text { ceases. } \end{gathered}$ | $\begin{aligned} & \text { Senile } \\ & \text { debil- } \\ & \text { ity. } \end{aligned}$ | $\begin{aligned} & \text { Sui- } \\ & \text { cide. } \end{aligned}$ | Acci- | $\begin{array}{\|l} \text { Ill-de- } \\ \text { fined } \\ \text { dis- } \\ \text { eise. } \end{array}$ | Total deaths. | $\begin{gathered} \text { Mar- } \\ \text { ginal } \\ \text { num- } \\ \text { ber. } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 0.144 | 0.12 | 0.108 | 0.072 | 0.144 | 0.036 | 0.072 | 1.153 | 0.505 | 0.216 | 1.243 | 0.70 |  |  |
| . 036 | . 089 | . 036 | . 036 | . 018 | . 018 | . 018 | . 464 | . 286 | . 196 | 1.429 | . 214 | 12.946 | 72 |
| . 18 | . 16 | . 073 | 36 |  |  | . 091 | 1.200 | . 455 | . 145 | . 691 | . 127 | 14.745 | 73 |
| . 273 | . 073 | .109 | . 018 |  | 018 | . 036 | 1. 455 | . 455 | . 127 | 1.237 | . 309 | 17.564 | 74 |
| . 019 | . 058 | . 058 | . 154 |  |  | . 038 | 1.135 | . 635 | . 115 | 1.288 | . 692 | 14.346 | 75 |
| . 23 |  | . 110 | . 037 | . 087 |  |  | 734 | . 367 | . 055 | 1.083 | 1.101 | 15.743 | 76 |
| . 255 | . 1109 |  | . 109 |  | . 018 |  | 1.309 | . 709 | . 018 | 1. 000 | . 418 | 13.073 | 77 |
| . 250 | . 115 | . 058 | . 096 | . 038 | . 019 |  | 942 | . 866 | . 038 | . 750 | . 2250 | 16.885 | 78 |
| . 471 | . 059 | . 078 | . 023 |  | . 039 | . 039 | - 9481 | . 235 | . 018 | . 8083 | ${ }_{.} 2181$ | 15.843 | 80 |
| . .409 | . 036 | . 0941 | . 0362 |  |  |  | 1.564 1.703 | . 273 | . 0181 | $\begin{array}{r}.909 \\ .852 \\ \hline\end{array}$ | . 294 | 19.545 18.592 | 30 |
| . 457 | . 2281 | . 042 | . 042 | . 062 | . 083 | . 0263 | 1.703 | . 374 | . 1221 | . 8788 | . 6462 | 18.592 18.399 |  |
| . 412 | . 059 | . 078 | . 098 |  |  | . 039 | . 726 | . 510 | . 118 | . 804 | . 333 | 12.373 |  |
| . 360 | . 020 | . 020 | . 060 | 020 |  | . 020 | b. 700 | . 480 | . 160 | 1.260 | . 460 | ${ }^{6} 14.020$ |  |
| . 060 | . 100 | . 040 |  |  | 040 |  | 1.000 | . 400 | . 120 | 1.520 | . 640 | 17.240 |  |
| 1.701 | . 138 | . 322 | . 092 | . 046 | - |  | 1.810 | 1.172 | . 276 | 1.195 | 299 | 24.069 | 86 |
|  |  | . 044 |  |  | . 022 |  | 867 | 289 | . 022 | . 889 | 800 | 10.644 | 87 |
| . 080 | . 080 | . 080 | . 080 | 020 | . 020 | . 060 | . 980 | . 320 | . 160 | 1.440 | 1.800 | 17.440 | 88 |
| . 200 |  | . 089 | . 022 |  |  | . 067 | . 867 | . 756 | . 067 | 778 | . 089 | 13.578 | 89 |
| . 167 |  |  | . 072 |  |  | . 024 | 1.085 | . 772 | . 048 | . 531 | . 169 | 14.279 | 90 |
| . 0771 | . 023 | . 047 | . 071 | . 023 | . 0237 | . 023 | . 518 | . 282 | . 1671 | . 7141 | . 682 | 9.653 12.306 | ${ }_{92}^{91}$ |
| . 46 |  | . 122 | . 024 |  |  |  | . 805 | 1.098 | . 146 | . 927 | 1. 293 | 18.415 |  |
| . 244 | . 09 | . 073 | . 098 | . 049 | . 024 | . 024 | 1. 561 | 171 |  | . 561 | 1.512 | 22.366 | 94 |
| . 221 | . 049 | . 123 |  |  |  |  | 1.427 | . 541 | . 123 | . 560 | . 074 | 16. 416 |  |
| . 075 | . 175 | . 025 | . 105 |  |  | . 020 | 1.225 | 1.025 .675 | . 125 | 1.150 | . 300 | 15.700 17.075 | 97 |
| . 366 | . 122 | . 268 | . 098 | . 024 |  |  | 1. 268 | . 366 |  | 2.854 | 1.512 | 24.585 |  |
| . 048 |  | . 096 | . 072 |  | . 096 |  | b. 506 | 241 |  | 1.108 | 1.398 | b19.133 | 100 |
| . 075 | . 025 | . 025 | . 025 | . 05 |  |  | . 850 | . 950 | . 050 | . 450 | . 250 | 11.450 | 101 |
| . 464 | . 036 | . 107 | . 036 |  | . 038 | . 036 | 1. 250 | . 500 | . 077 | 1.572 | 2.143 | 20.5366 | 102 |
| . 100 |  |  | . 100 |  | . 025 |  | b. 650 |  | . 274 | 1.100 | . 425 | ${ }^{\text {b } 11.850}$ | 103 |
| . 377 | . 081 | . 081 | . 108 | 054 |  | . 027 | .699 <br> .575 | . 5685 | .242 | . 726 | . 081 | 14.714 11.900 | 1105 |
| . 100 | . 200 | . 050 | . 125 | . 050 |  | . 025 | 1.725 | 1.425 | . 200 | 1.050 | . 175 | 17.425 | 106 |
| . 107 | . 027 | . 027 | . 080 | . 027 | . 053 | . 080 | . 880 | . 960 | . 133 | 693 | . 133 | 11.840 | 107 |
| . 316 | . 184 | . 026 | . 079 |  |  |  | 763 | 1.263 | . 237 | 1.026 | . 711 | 16.026 | 109 |
| . 258 | . 023 | . 117 | . 094 | . 047 |  | . 047 | 1.358 | . 445 | . 047 | 5 | . 422 | 11.780 | 110 |
| . 414 | . 055 | . 110 | . 055 |  | 138 |  | . 635 | . 469 | . 055 | 359 | . 276 | 17.879 | 110 |
| . 225 | . 025 |  | . 200 | . 025 |  | . 025 | 1.475 | . 400 | . 100 | 1. 525 | . 3775 | 16. 425 | 111 |
| $\begin{array}{r} .658 \\ .028 \end{array}$ | . 027 | . 082 | . 082 | . 082 |  | . 055 | 1.877 | . 466 | . 111 | . 795 | 1.027 | 15.562 14.722 | 112 |
| . 164 | .164 | . 0 |  | 27 | . 027 | . 227 | . 603 | 1.206 | . 219 | . 822 | . 439 | 14.521 | 114 |
| . 188 | . 107 | . 027 | . 133 |  |  | . 107 | 1.040 | 240 | . 133 | 1.974 | 1.174 | 17.387 | 110 |
| . 250 | . 066 |  | . 028 |  |  |  | . 528 | 1.333 | . 111 | . 945 | 1.972 | 17.278 | 116 |
| . 198 |  | . 085 |  |  |  |  | 1.134 | . 652 | . 057 | 567 | . 369 | 16.362 | 117 |
| . 543 | . 086 | . 171 | . 086 | . 028 |  |  | 1. 115 | . 486 | . 028 | 1.629 | . 400 | 15.286 | 118 |
| . 027 |  | . 027 | . 054 | . 054 |  |  |  | . 487 | . 054 | . 595 | 514 | 12.541 | 119 |
| . 404 | . 029 |  | . 144 |  | . 029 |  | 1. 125 | 404 | . 087 | . 462 | 115 | 14.020 | 120 |
| . 464 | . 029 | . 087 |  | 02 | . 029 |  | . 145 | 1. 014 | . 174 | 1.420 | 3. 246 | 17.797 | 121 |
| . 550 | . 165 | . 083 | . 0 |  |  | . 05 | . 685 | . 578 |  | . 638 | - 193 | 11.944 | 122 |
| . 428 | . 056 | . 028 | . 084 | . 028 | . 028 | . 056 | . 845 | . 254 | . 084 | 1.127 | . 479 | 12.563 | 23 |
| . 257 | . 029 | . 171 | . 057 |  | . 029 | . 200 | 1.257 | . 171 | . 114 | 1.314 .695 | . C .600 | 16.600 | 124 |
| . 373 | . 080 | .063 |  | . 026 |  |  | 907 | . 400 | . 026 | 1. 200 | . 987 | 16.160 | 126 |
| . 344 | . 156 |  | . 031 |  |  |  | 2.094 | . 8 | . 062 | 750 | . 062 | 14.656 | 127 |
| . 063 | . 063 | . 031 | . 063 | . 063 |  | 03 | 1.500 | . 719 | . 094 | 1.781 | . 656 | 14.844 | 128 |
| . 188 | . 156 | . 125 | . 062 |  |  |  |  |  | . 156 |  | . 719 | 13.188 | 129 |
| . 483 | . 193 |  | . 032 | . 03 |  |  | 1. 225 | 1.321 | . 193 | . 516 | . 167 | 18.044 | 130 |
| ${ }^{.030} 40$ |  | . 030 |  |  | . 061 | $\begin{aligned} & .030 \\ & .031 \end{aligned}$ | 1. 024 | . 315 | . 313 | - 1.938 | 1.273 | $\begin{array}{r}8.727 \\ 15.188 \\ \hline\end{array}$ | 181 |
| . 317 |  |  |  | 03 | 064 |  | . 254 | . 476 | . 064 | . 603 | . 635 | 12.095 | 133 |
| . 200 |  |  | . 0 |  |  | . 29 | 1. 228 | . 571 | . 057 | 600 | 229 | 12.171 | 134 |
| . 094 | . 06 | . 031 | . 031 |  |  |  | 1.219 | . 531 | . 031 | 1.219 | 1.875 | 18.281 | 135 |
| . ${ }_{219}$ | . 081 | . 028 |  |  |  |  | ${ }_{938}$ | . 500 | . 094 | 1.743 .875 | 1.000 .813 | 12.543 11.406 | 136 137 |
| . 219 | . 081 |  | . 062 | . 031 |  |  | . 38 | . 00 |  | . 815 |  |  | 18 |

cIncluding deaths from diarrhea and enteritis 2 years or over.
aIncluded in deaths from diarrhea and enteritis under 2 years.

Table IX.-DEATH RATE PER 1,000 POPULATION.

| $\begin{aligned} & \text { Mar- } \\ & \text { ginal } \\ & \text { num- } \\ & \text { ber. } \end{aligned}$ | Cities. | $\begin{gathered} \text { Population } \\ \text { estimated by } \\ \text { health } \\ \text { department. } \end{gathered}$ | Official death rate (not including stillbirths). | Estimated population, Jan. 1, 1902. | Death rate on basis of estimated population, Jan. 1, 1902 (notincluding stillbirths). |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | New York, N. Y | 3,536,517 | 20.00 | 3,583,930 | 19.73 |
| 2 | Chicago, $11 . .$. | 1,758,025 | 13.88 | 1,800,000 | 13.56 |
| 3 | Philadelphia, | 1,321,408 | 18.27 | 1,335,000 | 18.08 |
| 4 | St. Louis, Mo . | 598,000 | 17.73 | 595, 000 | 17.82 |
| 5 | Boston, Mass | 578, 579 | 19.70 | 573, 579 | 19.70 |
| 6 | Baltimore, Md | 518,000 | 20.23 | 520,000 | 20.15 |
| 8 | Cleveland, Ohio | 390,000 | 14.96 | 390,000 | 14.96 |
| 8 | Buffalo, N. Y Y ...... | 365,000 360 | 14. 68 | 3700000 | 14.49 |
| 10 | Cincinuati, Ohio.. | 3360,000 | 19.47 | 350,000 340,000 | 20.02 18.10 |
| 11 | Pittsburg, Pa | 333,858 | 19.74 | 3333,500 | 19.77 |
| 12 | New Orleans, | 305,000 | 21.24 | 300,000 | 21.59 |
| 13 | Detroit, Mich. | 305,000 | a 13.80 | 300,000 | b 15.04 |
| 14 | Milwaukee, Wis | 295,000 | 12.99 | 297, 500 | 12.88 |
| 15 | Washington, D. 0 | 278,880 | 21.83 | 287,000 | 21.21 |
| 16 | Newark, N. J | 250,000 | 19.22 | 255,000 | 18.85 |
| 17 | Jersey city, N. | 211,177 | 19.14 | 213,577 | 18.93 |
| 19 | Minneapolis, Min | 215,000 215,000 | 11. 67 | 215,000 210000 | 16.27 11.95 |
| 20 | Providence, R. I. | 178,000 | 19.35 | 178,000 | 19.35 |
| 21 | Indianapolis, Ind | 185,000 | 18.94 | 182, 500 | 14. 13 |
| 22 | Kansas City, Mo. | 200,000 | 13.37 | 172,500 | 15. 50 |
| ${ }_{24}^{23}$ | St. Paul, Minn. | 170,000 | 10.62 | 170,000 | 10.62 |
| 24 | Rochester, N. Y | 162,608 | ${ }^{c} 14.67$ | 170,000 | 14.51 |
| 26 | - ${ }_{\text {Lonver, }}$ Toledo, Ohio | 150,000 150 | d 17.89 | 140,000 | 19.51 |
| 27 | Allegheny, Pa. | 130,000 | 18.65 | 133,000 | 18.23 |
| 28 | Columbus, Ohio | 140,000 | 11.05 | 132,500 | 11,68 |
| 29 | Worcester, Mass | 121,064 | 16.50 | 121,000 | 16.51 |
| 30 | Syracuse, N. Y | 108,374 | ${ }^{\text {e }} 14.25$ | 120,000 | 13.12 |
| 31 | New Haven, Conn | 112,000 | 17.63 | 112,000 | 17.63 |
| ${ }_{3}^{32}$ | Paterson, N . ${ }^{\text {J }}$. | 107,857 | 16.76 | 107,587 | 16.81 |
| 33 34 | Fill River, Mass | 107,000 105,000 | 20.03 | 107, 000 | 20.03 |
| 35 | St. Joseph, Mo | 105,000 110,000 | 6.40 | 103,500 | 6. 49 |
| 36 | Los Angeles, Cal | 120,000 | f 16.14 | 110,000 | 18.05 |
| 37 | Memphis, Tenn | 110,000 | 17.51 | 107,500 | 17.92 |
| 38 | Scranton, Pa | 102,026 | 16.98 | 103,000 | 16.82 |
| 39 | Lowell, Mass | 94, 969 | 21.46 | 94, 969 | 21.46 |
| 40 |  | 100,000 | 17.59 | 100,000 | 17. 59 |
| 41 | Cambridge, Mass | -94,084 | 16.73 | 94,084 | 16. 73 |
| 43 | Portland, Oreg | 100,000 | 911.43 | 94,000 | 12.47 |
| 43 | A tlanta, Ga ........ | 135,000 | 14.30 | 94,000 | 20.54 |
| 45 | Grand Rapids, Mich | 90, 000 | 12.67 | 95,000 | 12.00 |
| 46 | Dayton, ohio | 90,000 100,000 | 13.63 | 90,000 | 13.63 |
| 47 | Nashville, Teni | 181,320 | $\begin{array}{r}19.07 \\ \\ \hline 19.52\end{array}$ | 92,000 81 | $\begin{array}{r}20.73 \\ \quad \mathrm{~h} \\ \hline\end{array}$ |
| 48 | Seattle, Wash | 110,000 | 7.96 | 90,000 | 9.73 |
| 49 | Hartford, Conn | 80,000 | 14.98 | 81,619 | 14.68 |
| 60 | Reading, Pa. | 82,000 | 16.57 | 82,000 | 16.57 |
| 51 | Wilmington, Del | 77,000 | 18.23 | 78,500 | 17.89 |
| 52 | Camden, N. J. | 80,000 | 16.95 | 80,000 | 16.95 |
| 53 | Trenton, N. J. | 75,000 | 16.41 | 75,000 | 16.41 |
| 54 | Bridgeport, Conn | 72,000 | 17.00 | 77,000 | 15.90 |
| 55 | Lynn, Mass. | 70,000 | 14.57 | 70,000 | 14.57 |
| 56 | Oakland, Cal. | 75,000 | i13.64 | 75,000 | 13.97 |
| 57 | Lawrence, Mass. | 65,000 | 17.20 | 65,000 | 17.20 |
| 58 | New Bedford, Mass | 66,000 | 18.73 | 66,000 | 18.73 |
| 59 | Des Moines, lowa | 75,000 | 9.87 | 70,000 | 10. 57 |
| 60 | Springfield, Mass. | 65,000 | 14. 35 | 65,000 | 14.35 |
| 61 | Somerville, Mass | 63,000 | 13.19 | 63,500 | 13.09 |
| 62 | Troy, N. Y.... | 75, 057 | 22.14 | 75,057 | 22.14 |
| 63 | Hoboken, N , J | 61,000 | 18.97 | 61,000 | 18.97 |
| 64 | Evansville, Ind. | 65, 000 | 11.46 | 60, 200 | 12.38 |
| 65 | Manchester, N. H | 56,987 | 19.85 | 57,687 | 19.61 |
| ${ }_{6}^{66}$ | Utica, N. Y. | 56,000 | 18.41 | 58,000 | 17.78 |
| 67 | Peoria, Ill | 60,000 | 13.18 | 60,000 | 13.18 |
| 68 | Charleston, S. | 65, 000 | 26.54 | 65,000 | 26.54 |
| 69 | Savannah, Ga | 56,000 | 25.66 | 62,000 | 23.18 |

a Not including 303 deaths occurring outside city limits. $b$ Including 303 deaths occurring outside city limits. c Not including 82 deaths from premature birth.
$d$ Not including 49 deaths from premature birth.
$e$ Not including 80 deaths from premature birth.
$f$ Not including 48 deaths from premature birth.
$g$ Not including 29 deaths from premature birth.
$h$ Not incluaing 81 deaths of nonresidents.
6 Not including 81 deaths of nonresidents.

Table IX.-DEatH Rate PER 1,000 POPULATION-Concluded.


[^7]Table X.-AREA OF PUBLIC PaRKS and miles of streets, sewers, and street RAILWAYS.

| $\begin{gathered} \text { Mar- } \\ \text { ginal } \\ \text { num- } \\ \text { ber. } \end{gathered}$ | Cities. | Public parks (acres). |  | Miles of streets paved with- |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | $\begin{aligned} & \text { Owned by } \\ & \text { city. } \end{aligned}$ | Other. | Cobble stones. |  | Bricks. | Wooden blocks |  |
|  |  |  | 1.00 |  | 449.23 | 21.00 | 0.08 | 298.71 |
|  | Chicaro, | 2,185 |  | 2.29 | 30.84 | $\underset{ }{57.28}$ | 737.98 | 109.18 |
|  | St. Louis, Mo | 2,183.39 |  |  | ${ }_{54.87}$ | 352.89 |  | 12.47 |
|  | Boston, Mass | 2,620.00 | (a) | . 69 | ${ }^{90} 9$ | ${ }^{2} 22$ | . 87 | 19.17 |
|  | Baltimore, Md | 1,284.34 |  |  | 32.36 | 921.34 | 1.50 | 17.00 12.61 |
|  | Buffalo, N'. Y. | 1,049.00 |  |  | 99.84 | 9.15 | . 01 | 224.91 |
|  | San Prancisco, ${ }^{\text {Cab }}$ | 1,197.43 | 1,607.00 | ${ }_{69}^{20.20}$ | ${ }_{47}^{91.20}$ | 40,00 | 06 50 | 82.70 <br> 26.50 |
|  | Pittsburg, Pa | 910.00 |  | 39.20 | 95.30 |  |  | ${ }^{22} .47$ |
|  | New Orieans, | 1,1922.60 | 220.00 85.36 | ${ }_{1}^{38.19}$ | $\underset{\substack{25.95}}{\text { 23 }}$ | 24.85 |  | 26. 27 |
|  | Milwaukee, Wis | 1,503.00 |  |  | 8.44 | ${ }_{3.20}$ | 48.45 | 17.55 |
|  | Washington, D. | ${ }^{\text {9, } 98}$ | $\begin{array}{r} 3,596.27 \\ 812.50 \end{array}$ | ${ }_{12.50}^{11.01}$ | - 27.69 | . 52 4.45 |  | 140.97 |
|  | Jersey Crity, N. ${ }^{\text {S }}$ | 22.20 |  |  | ${ }_{76} 78$ | 05 |  | 14.83 |
|  | Louisville, Ky | 1,350.00 | 20.00 | 9.11 | ${ }_{9.91}^{17.53}$ | 32.30 | 57.31 | +18.85 |
|  | Providence, R . 1. | ${ }^{1,540.00}$ |  | 4.70 | 30.12 | ${ }^{4} .4$ |  | 4.61 |
|  | ${ }_{\text {Indianapoirs, }}$ | ${ }_{11,896.91}^{1,23500}$ | 24.00 |  | 2.24 | ${ }_{37}^{25.65}$ | ${ }^{15.78}$ | 106.77 |
|  | St. Paul, Minn | 1,204. 42 |  |  |  | 5.41 | 19.81 | ${ }^{17.40}$ |
|  | Renester, Colio | 521.00 |  | 98 | ${ }_{2.29}$ |  |  | ${ }_{19.41}$ |
|  | Toledo,0 | 809.00 |  |  | 26.20 | 57. 57 | 12.72 |  |
|  | Allegheny, Pa, | 36600 1060 | 912.00 | ${ }_{8.69}$ | ${ }_{9.48}^{27.38}$ | ${ }_{75.88}^{13.87}$ |  | ${ }_{1782}^{27.67}$ |
|  | Worcester, M M | 3868. 29 |  | . 02 | 11. 81 | . 22 |  | ${ }_{45} 4$ |
|  | New Haven, Col | 1,100.00 |  | 18 | ${ }_{4.16}$ | ${ }_{5.85}$ |  | 30.27 |
|  | Paterson, N , J | 96.42 |  | 1.14 | ${ }^{\text {P }} 8$ | 6.70 |  | 3. 35 |
|  | Ste | 899.32 27.00 |  |  | 8.10 | 6.15 | . 0 |  |
|  | Omana, ${ }^{\text {Nebeb }}$ | 592.44 |  |  | ${ }^{25} 128$ | 11.57 | 12.65 | ${ }_{3}^{33.92}$ |
|  | ${ }_{\text {Lemphis, }}^{\text {Len }}$ | $\underset{781.81}{\substack{3,720.04}}$ |  |  | ${ }_{3.19}^{1.28}$ | ${ }_{6} .46$ | 1.67 |  |
|  | Scranto | 100.00 |  | 3.19 | 1.51 | 4.82 |  |  |
|  | Loweny, Mass... | 68.50 267.66 |  | 19.87 | ${ }^{16.98}$ | 18.85 |  | ${ }_{9.58}^{2.28}$ |
|  | Cambridge, Mass. | ${ }^{485.85}$ | (a) |  | 6.07 | 1.08 |  |  |
|  | Portand, Oreg | ${ }^{\text {a }} 15156.00$ |  |  | ${ }^{4} \mathbf{4} .71$ | +.90 | ${ }^{1.780}$ | 3.129 3.29 |
|  | Grand Rapids, Mich | -134.98 |  | . 76 |  | -5.04 | 43 | 66.87 |
|  | Richmond, Va | 376.00 | 12.00 |  | ${ }^{15.50}$ | 12.66 .10 |  | ${ }^{17.42}$ |
|  | Nashville, Tenn |  |  |  | 3.64 | 2.34 |  |  |
|  | Hartiord, Con | 1,040.00 | 14.44 |  | d |  |  | 8.66 |
|  | Reading, Pa . | 197.79 |  | 4.00 |  | . 83 |  |  |
|  | Camden, N. J | 269.68 4.50 |  |  | 10.80 | 1.82 |  | ${ }^{17.09}$ |
|  | Trenton, N . J. |  |  | . 55 | 00 | 7.88 <br> 1.45 |  | $\begin{array}{r}3.30 \\ 1.49 \\ \hline\end{array}$ |
|  | Lynn, Mass. | 2,463.75 |  |  | ${ }_{3.50}$ | 13 |  |  |
|  | Oakiand, Cal | 182.00 | 180.00 |  |  |  |  | 6.5 |

## $a$ Not reported.

$b$ Including 22 miles of road outside city limits.
cIncluding 31 miles of-road outside city limits.
$d$ Including road outside city limits, mileage not reported.
e Including 14.05 miles of road outside city limits.
$f$ Including 98 miles of road outside city limits.
gIncluding 7.78 miles of road outside city limits.
hIncluding 223.80 miles of road outside city limits.
including 105.14 miles of road outside city limits.
3 Including 65.97 miles of road outside city limits.
$k$ Including 19.50 miles of road outside city limits.
$i$ Including 1,350 acres outside city limits.
$m$ Including 9.34 miles of road outside city limits.
$n$ Including 23.63 milles of road outside city limits.
o Including 21.94 miles of road outside city limits.
$p$ Not including road outside city limits.
q Including 8 milese of road outside city limits.
s Including 84.99 miles of road outside city limits.

Table X.-AREA of PUBLIC Parks and Miles of streets, sewers, and street RAILWAYS.

| Miles of streets paved with- |  |  | Total miles of streets paved. | Miles of streets unpaved. | Miles of sewers. |  |  |  | Street railways. |  | Marginal number. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Macadam. | Gravel. | All other kinds of pavement. |  |  | Brick. | Tile. | Othe:. | Total. | Miles.of track. | Number of em-ployees. |  |
| 760.34 | 17.86 |  | 1,765. 42 | 761.99 | (a) | (a) | (a) | 1,543. 32 | 1,236.68 | 25,692 | 1 |
| 403.95 |  | 4.88 | 1,346.40 | 2,816. 71 | 588.00 | 890.00 | 22.86 | 1,500.86 | 1,080.00 | 10,386 | 2 |
| 226.12 |  | 40.27 | 1,126.69 | 413.31 | 919.12 |  |  | 919.12 | $b 480.00$ | 7,381 | 3 |
| 249.53 |  | 93.74 | ${ }^{1} 445.38$ | 432. 66 | 228.44 | 263.47 | 12.30 | 504.21 | c 321.00 | 4,982 | 4 |
| 295. 26 | 81.85 | 8.60 | 496.90 | 90.45 | (a) | (a) | (a) | 575.18 | 213.68 | 5,000 | 5 |
| . 86 | 5. 00 |  | 378.92 | 51.30 | 28.60 | 3.90 | 9.16 | 41.66 | d 353.00 | 2,670 | 6 |
| . 73 |  | 92.30 | 198.84 | 374.16 | 229.05 | 76.63 | 1.25 | 806.93 | e218. 05 | 1,919 | 7 |
| 3.51 |  |  | 337.42 | 300.00 | 140.16 | 280.91 |  | 421.07 | $f 293.00$ | 1,788 | 8 |
| 176.42 |  |  | 370.63 | 383.00 | 110.97 | 175.90 | 23.00 | 309.87 | $g 258.76$ | 8,161 | 9 |
| 192.00 | 4.00 | 12.00 | 891.00 | 234.00 | 52.28 | 168.00 | 6.00 | 226.28 | 208.00 | 2,200 | 10 |
| 10.32 |  | 12.75 | 250.04 | 130.00 | 42.09 | 203.06 |  | 295.15 | 172.41 | 1,955 | 11 |
|  | 45.35 | 63.08 | 204.77 | 495.23 |  |  |  |  | 175.90 | 1,991 | 12 |
| 12.73 |  | 2.20 | 290.00 | 276.03 | 347.61 | 160.29 |  | 507.90 | h 379.45 | 2,235 | 13 |
| 237.73 |  |  | 315.27 | 207.98 | 100.78 | 239. 70 |  | 340.48 | i 219.97 | 2,437 | 14 |
| 45.88 | 15.00 |  | 241.07 | 79.11 | 90.21 | 328.18 |  | 418. 39 | $j 208.51$ | 1,798 | 15 |
| 10.80 |  |  | 124.53 | 94.12 | 64.94 | 119.55 |  | 184.49 | 89.68 | 1,500 | 16 |
| 17.33 |  |  | 108.97 | 92.76 | 66.04 |  | 42.23 | 108.27 | 61.37 | -675 | 17 |
| 77. 65 | 1.05 | 10.16 | 166. 65 | 59.50 | (a) | (a) | (a) | 99.45 | 122.00 | 817 | 18 |
| 8.16 |  | 3.89 | 103.11 | 686.34 | 92.72 | 31.11 | 37.74 | 161.57 | $k 131.00$ | 984 | 19 |
| 150.46 | 36.72 | . 47 | 227.50 | 13.28 | 125.10 | 67.50 |  | 192.60 | 81.00 | 1,850 | 20 |
| 4.04 | 114.00 |  | 208.94 | 215.00 | 60.00 | 48.00 |  | 108.00 | 110.00 | -870 | 21 |
| 37.70 |  |  | 185.08 | 254.92 | 44.25 | 134.50 |  | 178.75 | $m 139.50$ | 1,300 | 22 |
| 11.58 |  | 14.46 | 68.66 | 375.00 | 31.21 | 123.44 | 20.66 | 175.31 | n 127.23 | 734 | 23 |
| 25.26 | 15. 29 |  | 126.33 | 195.91 | 8.46 | 131.98 | 88.32 | 228.76 | 0105.60 | 799 | 24 |
| 5.57 |  | 3.26 | 30.53 | 844.00 | 9.91 | 250.00 |  | 259.91 | 144.03 | 827 | 25 |
| 15.29 |  |  | 137.06 | 234.24 | 126.81 | 37.42 | . 05 | 164. 28 | 102.00 | 782 | 26 |
|  |  |  | 85.05 117.49 | 91.50 | 26.36 | 70.62 | . 40 | 97.38 | p52.04 | 472 | 27 |
| 5.62 |  |  | 117.49 | 199.24 | 69.22 | 78. 28 |  | 147.50 | q90.00 | 503 | 28 |
| 39.44 | 90.86 |  | 142.86 | 42.61 | 35.42 | 118.69 | 3.38 | 157.49 | r 140.00 | 1,000 | 29 |
|  |  |  | 40.60 | 246.00 | 61.36 | 32.05 | 89.28 | 182.69 | 899.72 | 570 | 30 |
| 62.57 |  | . 41 | 76. 39 | 127.42 | 40.03 | 43.81 | 15.22 | 99.06 | 55.00 | 425 | 31 |
| 51.98 |  | 3.33 | 67.34 | 139.62 | 21.75 | 51.06 |  | 72.81 | 49.19 | 110 | 32 |
| 30.00 | 55.00 |  | 94.02 | 40.97 | 19.79 | 37.06 | 1.28 | 58.13 | 39.24 | 225 | 33 |
| 33.00 |  | . 50 | 48.41 | 93.00 | 11.50 | 49.70 | 1.25 | 62.45 | 40.00 | 250 | 34 |
| 1.92 |  |  | 85.21 | 296.69 | 31.19 | 99.36 |  | 130.55 | $q 71.70$ | 615 | 35 |
| 4. 10 | 211.59 | 7.84 | 237.29 | 315.00 | 8.00 | 154.90 |  | 162.90 | u285.50 | 1,710 | 36 |
| . 46 | 54.34 | . 13 | 74.22 | 153.34 | 1.37 | 168.84 | . 75 | 170.96 | w 100.80 | 350 | 37 |
|  |  |  | 21.32 | 164.84 | 2.97 | 60.70 |  | 63.67 | x 76.66 | 589 | 38 |
| 19.90 |  | .16 | 37.86 | 86.04 | 40.00 |  | 45.61 | 85.61 | $y 69.71$ | 350 | 39 |
| 3.17 |  |  | 81.90 | 52.00 | 17.51 | 45.76 | 27.95 | 91.22 | 27.55 | 700 | 40 |
| 41. 65 | 73.79 |  | 122.74 | (a) | 70. 00 | 36. 42 | 6.11 | 111.58 | 39.22 | 952 | 41 |
| 43.90 3.00 | 50.62 | 17.60 | 122.05 | 75.93 | 12.73 | 87.67 79 | . 36 | 100.76 | $\boldsymbol{z} 119.00$ | $\begin{array}{r}570 \\ \hline\end{array}$ | 42 |
| 3.00 |  | 4.09 | 63.39 103.87 | 137.00 | 14.01 | 79.62 108 |  | 98.68 | bb 145.00 | 1,350 | 43 |
| 5.87 | $134.37$ | . 53 | 163.87 | 119.93 | 23.48 | 108.94 | 1.73 | 134.15 | cc 52.97 | 350 | 44 |
|  | 160.00 |  | 191. 66 | 40.00 | 21.00 | 107.00 | . 75 | 128.75 | 72.00 | 548 | 45 |
| 6.50 | 60.00 |  | 92.10 | 28.30 | 27.00 | 25.00 | 3.00 | 55.00 | bb 118.00 | 940 | 46 |
| 189.95 |  | 1.40 | 197.33 | 90.48 | 14.83 | 37.38 | 4.21 | 56.42 | dd 64.00 | 350 | 47 |
| 1.65 |  | 12.00 | 23.53 | 115.50 | (a) | (a) |  | 73.90 | ee 90.00 | 512 | 48 |
| 79.64 |  |  | 88.87 | 30.61 | 52.00 | 39.86 | 1.00 | 92.86 | ff 76.61 | 315 | 49 |
| 51.75 |  | 10.00 | 72.58 | 62.42 | (a) |  | (a) | 70. 55 | 33.00 | 185 | 50 |
| 17.68 |  | 1.43 | 54.28 | 39.02 | (a) | (a) | (a) | 9066. 60 | hh 62.00 | 233 | 51 |
| 1. 72 |  | 16.26 | 56.74 | 112.18 | 51.20 | . 50 |  | 51.70 | ii 67.00 | 428 | 52 |
| 5.50 |  | . 48 | 23.61 | 101.39 | 12.00 | 25.00 | 7.00 | 44.00 | jf 39.30 | 250 | 53 |
| 75.00 |  |  | 79.18 | 69.28 | 5.10 | 64.90 |  | 70.00 | $k k 90.40$ | 455 | 54 |
| 48.45 145.00 |  |  | 52.08 151.50 | 62.92 85.00 | 18.75 | 41.10 178.00 |  | 69.85 | 41.90 | 240 | 55 |
| 145.00 |  |  | 151.50 | 85.00 |  | 178.00 |  | 178.00 | l 13130.00 | 700 | 56 |

$t$ Including 3,015 acres outside city limits.
$u$ Including 128.50 miles of road outside city limits.
$v$ Including 594.81 acres outside city limits.
${ }^{w}$ Including 30 miles of road outside city limits.
$x$ Including 43.16 miles of road outside city limits.
$y$ Including 32 miles of road outside city limits.
$z$ Including 35 miles of road outside city limits.
aa Including 6 acres outside city limits.
bb Including 25 miles of road outside city limits.
coIncluding 6.04 miles of road outside city limits.
ad Including 17 miles of road outside city limits.
ee Including 7 miles of road outside city limits.
$f f$ Including 41.51 miles of road outside city limits.
ggIncluding 7.34 miles of private sewers used by city.
hh Including 28.64 miles of road outside city limits.
i $i$ Including 28 miles of road outside city limits.
$3 j$ Including 15 miles of road outside city limits.
${ }_{i c t}$ Including 54.70 miles of road outside city limits.
$\boldsymbol{\psi}$ Including 70 miles of road outside city limits.

TABLE X.-AREA OF PUBLIC PARKS AND MILES OF STREENS, SEWERS, AND STREET RAILWAYS-Continued.

a Including 10 miles of road outside city limits. $b$ Not reported.
e Including 34.24 miles of road outside city limits
d Included in unpaved streets.
e Not including cobblestones and gravel.
$f$ Including cobblestones and gravel.
$p$ Including 128.22 miles of road outside city limits.
h Including 18.53 miles of road outside city limits.
${ }_{j}$ Including 16 miles of road outside city limits.
$j$ Including 442 acres outside city limits.
$k$ Including 12 miles of road outside city limits.
$l$ Including 2.50 miles of road outside city limits.
$m$ Including 8 miles of road outside city limits.
$n$ Including 6 miles of road outside city limits.

- Including 272.46 miles of road outside city limits.
$p$ Including 58 miles of road outside city limits.
q Including 3.60 miles of road outside clty limits.
$r$ Including 28 miles of road outside city limits.
${ }^{8}$ Including 5 miles of road outside city limits.
$t$ Including 40.15 miles of road outside city limits.

Table X.-AREA of public Parks and miles of streets, sewers, and street RAILWAYS-Continued.

| Miles of streets paved with- |  |  | Total streets paved. | Miles of streets paved. | Miles of sewers. |  |  |  | Street railways. |  | $\begin{aligned} & \text { Mar- } \\ & \text { ginal } \\ & \text { onum- } \\ & \text { ber. } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{gathered} \text { Mac- } \\ \text { adam. } \end{gathered}$ | Gravel. | $\begin{aligned} & \text { All } \\ & \text { other } \\ & \text { kinds } \\ & \text { of } \\ & \text { pave } \\ & \text { ment. } \end{aligned}$ |  |  | Brick. | Tile. | Other. | Total. | Miles of track. | Number of em-ployees. |  |
| 19.50 | 38.14 |  | 61.12 | 30.8 | 19.5 | 35.35 |  | 54. | a 24.26 | 135 | 57 |
| 58.64 | 58.00 |  | 136.67 |  | (b) | (b) | (b) | 64.41 | 21.43 | 180 | 58 |
| . 15 |  |  | 62.85 | 450.00 | 21.32 | 47.62 |  | 68.94 | 42.43 | 375 | 59 |
| 39.30 | 85.00 |  | 130.60 | 13.00 | 24.38 | 40.80 | 31.22 | 96.40 | - 73.63 | 460 | 60 |
| 20.00 | 10.00 |  | 43.80 | 23.00 | 50.08 | 30.00 |  | 80.08 | 29.48 | 500 | 61 |
| 3.00 | (d) |  | e 42.09 | $f 57.91$ | ${ }^{(b)}$ | (b) | (b) | 49.14 | 26. 20 | 500 | 62 |
| . 10 |  |  | 21.90 | 8.90 | 12.00 | $\cdots$ | 2.00 | 14. 00 | g140.56 | 1,500 | 63 |
| 15.63 | 3.00 |  | 33.82 20.68 | 197.73 | 10.00 8.97 | 56. 94 | 600 | 72.01 | 24.66 34.50 | 170 | ${ }_{6}^{64}$ |
| . 24 |  |  | 43.65 | 64.00 | 6.45 | 27.47 | 43.45 | 77.37 | ${ }^{\text {h } 29.97}$ | 258 | 66 |
| +.96 |  |  | 85.06 | 115.00 | 20.20 |  | 50.60 | 70.80 | $i 56.00$ | 247 | 67 |
| 2.50 | 6.79 | 2.16 | 33.41 | 35. 04 | 23.54 | 33. 44 |  | 56. 98 | ${ }^{*} 40.00$ | 180 | 68 |
|  | 3.24 | 8.87 | 30.99 4.50 | 115.18 | 12.60 | 65.91 31 |  | 68.51 | 54.00 81.00 | ${ }_{285}^{275}$ | 69 |
| 70.42 |  |  | 4.50 76.00 | 275.00 348.00 | 71. 50 | 31.00 60.50 |  | 38.00 72.00 | $\begin{array}{r}81.00 \\ \hline 45.17\end{array}$ | 285 | 70 71 |
| 23.61 | 55.72 |  | 101.10 | 210.46 | 9.38 | 47.57 |  | 56.95 | m 42.49 | 278 | 72 |
|  |  |  | 27.74 | 77.90 | 11.43 | 44.89 |  | 56.32 | $n 28.00$ | 140 | 73 |
| 15.37 |  | . 66 | 40.27 | 55.48 | 13.12 | 46.62 |  | 59.74 | - 301.11 | 2,720 | 74 |
| 3.43 |  |  | 25.67 | 67.25 | 2.14 | 84.18 |  | ${ }_{30} 8.32$ | $p 80.00$ | 400 | 75 |
| 31.60 |  |  | 48.13 | 25.00 | 19.03 | 19.27 |  | 38.30 | ${ }^{\mathbf{q} 451.00}$ | 300 200 | 77 |
| 8.66 |  |  | 19.54 | 100.46 | 15.52 | 39.96 | 2.91 | 58.39 | 29.84 | 200 | 78 |
| 55.50 |  |  | 64.62 | 42.44 | 3.70 | 11.26 | 22.19 | 37.15 | s 26.77 | 170 | 79 |
|  |  | 11.00 | 38.20 | 44.80 |  | 46.00 |  | 46.00 | 29.00 | 250 | 80 |
| 4.59 <br> 3.57 |  |  | 8.69 | 39.50 | 4.51 | 31.35 | . 36 | 36.22 | 10.00 | 142 | 81 |
| 3.57 | 32.57 |  | 41. 57 | 35. 25 | 13.02 | 17.74 | 1.61 | 32.37 | 17.40 | 200 | 82 |
| 5.43 |  | . 52 | 317.86 17 | 102.14 | 16.00 | 19.22 |  | 35.22 | $\checkmark 101.92$ | 242 | 84 |
| 1. 55 | 5.88 |  | 21.92 | 173.82 | 3.41 | 28.85 |  | 32.70 | v39.00 | 175 | 85 |
| 28.80 |  |  | 32.84 | 10.00 | (b) | (b) | (b) | 24.00 | ${ }^{2} 51.70$ | 431 | 86 |
| 3.00 | 2.70 | 1.50 | ${ }_{37}^{23.44}$ | 129.12 | 4.73 | 52.37 | 2.69 | 59.79 | $x 95.25$ <br> $y$ <br> $y$ <br> 40.34 | 450 | 87 |
| 6.83 | 2.70 | 8.31 | 43.25 | ${ }_{167.86}^{125.29}$ | 21.18 | 41.41 | 10 | 62.69 |  | 175 | 89 |
| 27.00 |  | 24.00 | 56. 75 | 51.00 | 10.00 | 17.50 |  | 27.50 | 13.55 | 61 | 90 |
|  |  |  | 22.01 | 150.00 | 2.82 | 38. 50 |  | 41.32 | a 40.00 | 140 | 91 |
| 12.85 | 66.54 | . 18 | 88.00 | 20.00 | 3.00 | 22.50 |  | 25.50 | 35.00 | 225 | 92 |
|  |  |  | 8.41 | 116. 59 | 8.55 | 27.04 |  | 35.59 | aa 41.69 | 250 | 98 |
| 18.64 | 8. 30 | . 37 | 29.95 | 60.08 | 20.50 | ${ }^{25.33}$ |  | 45.83 | ${ }^{\text {b } ~} 21.61$ | 258 | 94 |
| 15. 20 | 61.44 | . 12 | 82.69 | 52.39 | 7.72 | ${ }^{38.96}$ |  | 46.68 | ${ }^{23.52}$ | 105 | 95 |
| 1.30 6.70 | . 50 |  | 10.40 | 76.33 | 13.49 | ${ }^{33.32}$ |  | 46.81 | 15.25 | 115 | 96 |
| 6.70 1.00 | 3.00 1.50 | 5.00 | 38.70 10.25 | 31.20 90.00 | 3.20 | 30.80 67.70 |  | 34.00 67.70 | ce 53.73 $d d 36.00$ | 310 264 | 97 |
| 46. 96 |  |  | 50.71 | 115.17 | 11.99 | 53.07 |  | 65.06 | ee 97.80 | 750 | 99 |
| 9.11 | 54.75 |  | 66.71 | 171.79 |  | 17.88 |  | 17.88 | ff 22.00 | 150 | 100 |
| 13.21 | 41.84 |  | 63.13 | 54.74 | 2.87 | 8.94 |  | 11.81 | 38.70 | 294 | 101 |
| . 06 | 4.80 | $\begin{array}{r} 4.50 \\ 10.20 \end{array}$ | 12.81 19.24 | 180.19 110.87 |  | 5.85 69.30 | 2.26 | 8.11 69.55 | 35.35 67.00 | 170 400 | 102 |
| 7.50 |  |  | 11.10 | 135.00 | 6.80 | 29.80 |  | 36.60 | g9 29.70 | 118 | 104 |
|  | 15.00 |  | 21.00 | 255.00 |  | 15.00 |  | 15.00 | 35.00 | 131 | 105 |
|  | 51.90 |  | 60.21 | 190.00 | 8.00 | 30.00 |  | 38.00 | 15.50 | 160 | 106 |
| 85.45 |  |  | 91.29 | 200.00 | 4.00 | 30.46 | . 34 | 34.80 | ii 20.50 | 120 | 107 |
| 11.48 |  |  | -33.73 | 56. 87 | 5.82 | 20.98 |  | ${ }^{26.80}$ | 17.00 | 129 | 108 |
| 37.75 | /kik 42, 00 | . 08 | kk $\begin{array}{r}25.85 \\ \hline\end{array}$ | ${ }_{(1 i)}^{94} 10$ | 10.38 1.00 | 19.97 35.03 | 4.00 | 30.35 40.08 | j3 50.00 18.50 | 140 125 | 110 |

$u$ Including $\mathbf{7 4 . 8 6}$ miles of road outside city limits.
$v$ Including 0.25 mile of road outside city limits.
$w$ Including 37.70 miles of road outside city limits.
$x$ Including 66.62 miles of road outside city limits.
$y$ Including 3.64 miles of road outside city limits.
$z$ Including 9.90 miles of road outside city limits.
aa Including 16.50 miles of road outside city limits.
bb Including 9.08 miles of road outside city limits.
ec Including 40.09 miles of road outside city limits.
ad Including 11 miles of road outside city limits.
ee Including 47 miles of road outside city limits.
ff Including 1 mile of road outside city limits.
pg Including 8.10 miles of road outside city limits.
hh Including 40 acres outside city limits.
${ }^{i} i$ Including 3.67 miles of road outside city limits.
${ }^{j j}$ Including 35.04 miles of road outside city limits.
ke Incluaing unpaved streets.
$i l$ Included in streets paved with gravel.

TABLE X.-AREA OF PUBLIC PARKS AND MILES OF STREETS, SEWERS, AND STREET RAILWAYS-Concluded.

| Mar- <br> ginal <br> ber. | Cities. | Public parks (acres). |  | Miles of streets paved with- |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Owned by cì̀y. | Other. | Cobblestones. | Granite and belgian blocks | Bricks. |  |  |
| 111 | Johnstown, Pa | 23.00 |  |  | 8.50 | 9.01 |  |  |
| 112 | Elmira, N. Y... | 99. 69 |  |  | 1.28 | 2. 95 |  | 1.93 |
| 113 | Allentown, Pa. | 3.00 46.00 |  |  |  |  |  | 1.14 |
| 114 | Davenport, iowa McKeesport, Pa | 46.00 8.50 |  |  | 5.63 | 23.00 |  |  |
| 116 | Springfield, ill | 33.00 |  |  |  | 23.76 | 5.00 |  |
| 117 | Chelsea, Mass. | 34.00 | 7.30 |  | 2.37 | . 25 |  |  |
| 118 | Chester, Pa | 81.84 | 1.00 | 1. 19 | 4.19 | 2.73 |  | 5.86 |
| 119 | York, Pa. | 18.00 | 30.32 |  |  | 2.25 |  | 1.00 |
| 120 | Malden, Mass. | 49.80 | 60.30 |  | . 52 |  |  |  |
| 122 | Nopeka, Kans | 102.91 160.00 | 33.50 119.00 |  | 2.39 | 12.92 | . 88 | 6.27 |
| 123 | Sioux City, Iowa | 25.70 | 300.00 |  |  | 3.80 | 6.69 | 4.80 |
| 124 | Bayonne, N J J ... | 15.00 |  |  | 2.20 |  |  | 1.60 |
| 125 | Knoxville, Tenn ${ }^{\text {Schenectady }} \mathbf{N}$. | 1.00 3.00 | 5.00 | 3.70 | 1.00 | 3.00 3.55 |  | 14.45 |
| 127 | Fitchburg Mass. | 121.60 |  | . 48 | 3.92 |  |  |  |
| 128 | Superior Wis. | 22.80 |  |  |  |  | 33.82 |  |
| 129 | Rockford, ml | 8.00 | 30.00 |  |  | 1.85 | . 03 | 1.98 |
| 130 | Canton, Ohio . | 7.50 136.00 |  | 10 | 3.71 | 17.10 |  |  |
| 182 | Butte, Mont. |  |  |  | 2.30 | 17.10 |  |  |
| 183 | Montgomery, A | 50.00 |  |  | 2.21 | 4.65 |  |  |
| 134 | Auburn, N . Y Chattanooga, Ten | p14.00 |  |  |  | 1.00 |  | +.05 |
| 135 136 | Chattanooga, Ten Fast St. Louis, Ill | p14.00 6.00 |  |  | 2.21 2.00 | 3.98 18.00 |  | 3.53 |
| 187 | Joliet, Ill ...... | s80.00 |  |  |  | ${ }_{3.29}$ | .61 | 3.61 |

a Including 4 miles of road outside city limits.
bIncluding 4.50 miles of road outside city limits.
cIncluding 113.70 miles of road outside city limits.
a Including 31 miles of road outside city limits.
e Not including road outside city limits. $f$ Not reported.
g Including 18 miles of road outside city limits.
$h$ Including 8 miles of road outside city limits.
Including 17.16 miles of road outside city limits. $\xi$ Including 7 miles of road outside city limits.

Table X.-AREA OF PUBLIC PaRKs AND MILES OF STREETS, SEWERS, AND STREET RAILWAYS-Concluded.

\begin{tabular}{|c|c|c|c|c|c|c|c|c|c|c|c|}
\hline \multicolumn{3}{|l|}{Miles of streets paved with-} \& \multirow[b]{2}{*}{Total
miles of
streets
paved.} \& \multirow[b]{2}{*}{Miles of streets paved.} \& \multicolumn{4}{|c|}{Miles of sewers.} \& \multicolumn{2}{|l|}{Street railways.} \& \multirow[b]{2}{*}{\[
\begin{aligned}
\& \text { Mar- } \\
\& \text { ginal } \\
\& \text { num- } \\
\& \text { ber- }
\end{aligned}
\]} \\
\hline Macadam. \& Gravel. \& \[
\begin{gathered}
\text { All } \\
\text { other } \\
\text { kinds } \\
\text { of } \\
\text { pave- } \\
\text { ment. }
\end{gathered}
\] \& \& \& Brick. \& Tile. \& Other. \& Total. \& Miles of track. \& Number of em-ployees. \& \\
\hline 33 \& \& \& 17.84 \& 48.10 \& 1.62 \& 22.89 \& \& 24.51 \& a 23.10 \& 100 \& 111 \\
\hline 5.16 \& 46.68 \& \& 58.00 \& 62.16 \& 6. 39 \& 24.79 \& 6.00 \& 37.18 \& \({ }^{25} 2.50\) \& 150 \& 112 \\
\hline 10.73 \& \& \& 12.18 \& 80.00 \& 3.74 \& \& 2.36 \& 6.10 \& c 126.99 \& 633 \& 113 \\
\hline 20.62 \& \& \& 43.62 \& 84.00 \& 3.74 \& 32.80 \& . 75 \& 37.29 \& \({ }^{\text {d } 55.00}\) \& 180 \& 114 \\
\hline \& \& \& 19.56 \& 102.00 \& 3.02 \& 21.21 \& \& 24.23 \& e 14.25 \& 190 \& 115 \\
\hline . 68 \& \& \& 29.34 \& 85.00 \& 43.18 \& 4.05 \& \& 47.23 \& 32.00 \& 140 \& 116 \\
\hline 6.20 \& 22.70 \& \& 31.52 \& (f) \& 10.00 \& 24.00 \& .... \& 34.00 \& 11.17 \& 150 \& 117 \\
\hline 3.00 \& \& 3.14 \& 20.11 \& 54.99 \& 24.68 \& \({ }^{3.98}\) \& \& 28.66 \& 17.00 \& 100 \& 118 \\
\hline 15.00
5.00 \& \& \& 18.25
48.52 \& 47.75
49.00 \& \({ }_{(f)}{ }^{75}\) \& \({ }^{3.50}\) \& \& 4.25
44.60 \& g 29.25
13.75 \& 70 \& 119 \\
\hline \& 43.00 \& \& 48.52
22.90 \& 49.00
170.00 \& (f) 4. \& (f) \& (f) \& \begin{tabular}{l}
44.60 \\
54.08 \\
\hline
\end{tabular} \& 13.75

h 28.50 \& 102 \& 120 <br>
\hline 71.01 \& 79.20 \& 9.00 \& 159.21 \& 38.59 \& 13.05 \& 78.03 \& \& 91.08 \& $i 43.36$ \& 325 \& 122 <br>
\hline . 24 \& 1.57 \& \& 17.00 \& 612.00 \& 3.31 \& 44.97 \& . 62 \& 48.90 \& 42.00 \& 165 \& 123 <br>
\hline 9.20 \& . 50 \& \& 13.50 \& 64.10 \& 10.30 \& 16.00 \& 1.10 \& 27.40 \& 10.31 \& 100 \& 124 <br>
\hline 59.00 \& \& \& 62.00 \& 54.00 \& 2.30 \& 22.70 \& . 20 \& 25.20 \& j25.00 \& 115 \& 125 <br>
\hline 2.40 \& \& \& 25.10 \& 32.00 \& \& 41.50 \& \& 41.50 \& ${ }^{2} 35.00$ \& 250 \& 126 <br>
\hline 7.09 \& \& \& 11. 49 \& 118. 59 \& 4.37 \& 26.94 \& \& 31.31 \& 16.00 \& 125 \& 127 <br>
\hline \& \& \& 33.82 \& 62.07 \& 20.75 \& 27.44 \& 13 \& 48.32 \& 26.50 \& 94 \& 128 <br>
\hline 31.75 \& \& \& 35.61 \& 94.65 \& \& 25.60 \& \& 25.60 \& ${ }^{l} 36.00$ \& 82 \& 129 <br>
\hline ${ }^{(5)}$. 20 \& ${ }^{(f)} 30$ \& \& m
47.81
48.30 \& 170.00
39.00 \& 8.35
12.47 \& 13.09
19.76 \& \& 21.44 \& 43.48
92800 \& 124 \& 130 <br>
\hline \& \& \& 2.30 \& 42.00 \& \& 18.21 \& 2.45 \& ${ }_{20.66}$ \& ${ }_{n} 25.00$ \& 121 \& 132 <br>
\hline \& 5.72 \& \& 12.58 \& 30.25 \& 21.77 \& 38.40 \& \& 60.17 \& $n 19.00$ \& 92 \& 133 <br>
\hline 45.00 \& \& \& 46.65 \& 35.35 \& (f) \& (f) \& (f) \& 62.50 \& -13.44 \& 60 \& 134 <br>
\hline 2.95 \& 7.77 \& .51 \& 20.95 \& 59.05 \& 9.61 \& 27.04 \& \& 36.65 \& q67.00 \& 359 \& 135 <br>
\hline 4.00 \& 1.00 \& \& 25.00 \& 65.00 \& . 50 \& 25.50 \& \& ${ }^{26.00}$ \& $\begin{array}{r}\text { r } 72.50 \\ t \\ \hline\end{array}$ \& 347 \& 136 <br>
\hline 18.28 \& \& \& 20.79 \& 46.61 \& \& 18.00 \& 5.60 \& 23.00 \& 145.00 \& 170 \& 137 <br>
\hline
\end{tabular}

$k$ Including 24 miles of road outside city limits.
$l$ Including 14 miles of road outside city limits. $m$ Not including macadam and grevel, not reported.
$n$ Including 6 miles of road outside city limits.
$o$ Including 2.50 miles of road outside city limits.
$p$ Including 12 acres outside city limits.
$q$ Including 50 miles of road outside city limits.
$r$ Including 53 miles of road outside city limits.
$s$ Owned by city, outside city limits.
$t$ Including 25 miles of road outside city limits.
9398-No. 42-02-6

TABLE XI.-CARE OF STREETS, FOOD AND SANITARY INSPECTION, AND DISPOSAL OF GARBAGE AND OTHER REFUSE.

| Mar- <br> ginal <br> number. | Cities. | Streets. |  |  |  |  | Inspectors. |  | Ashes, garbage, and other refuse. |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Swept by hand or machine. | Square yards swept per week. |  | Average persons employed in sweeping, sprinkling, etc. |  | Food. | $\begin{aligned} & \text { Sani- } \\ & \text { tary. } \end{aligned}$ | Tons of ashes disposed of. |  |
|  |  |  | By city. | By contractors. | $\underset{\text { city. }}{\mathrm{By}}$ | $\begin{gathered} \text { By } \\ \text { con- } \\ \text { tract- } \\ \text { ors. } \end{gathered}$ |  |  | By city. | By <br> con-tractors. |
|  | New York, N, Y ...... | Both.. | 154,684, 828 | 9,659, 500 | 4,358 | a 35 | 36 |  | 2,344,000 |  |
| 2 | Chicago, Ill............ | Both.. | 10,000,000 | $\cdots \cdots \cdots$ | 800 |  | 15 | 31 | (d) |  |
| 3 | Philadelphia, Pa ..... | Both.. | $\cdots \cdots \cdots$ | 56,847,000 |  | 865 | $g 5$ | 47 |  | 469,213 |
| 4 | St. Louis, Mo. . . . . . . . . | Hand. | 22,500,000 |  | 225 | 200 | 1 | 41 | (h) | (h) |
| 5 | Boston, Mass | Both.. | 10,500,000 |  | 425 | ¢138 | 2 | 21 | 346, 265 | 16,000 |
| 6 | Baltimore, Md | Both.. | 5, 027,922 | 5, 027,922 | 271 | 15 | 5 | 30 | 100,643 | 98, 000 |
| 7 | Cleveland, Ohio | Both.. | 1,500,000 |  | 225 |  | 3 | 20 | (h) ${ }^{\text {a }}$ | (h) |
| 8 | Buffalo, N. Y.......... | Both.. | 3,611, 951 | 11, 030, 448 | 75 | 125 | 1 | m 5 | 30,513 | 79,334 |
| 9 | San Francisco, Cal.... | Both.. | $\cdots$ | 5,944, 673 |  | 220 | 75 | 5 | ${ }^{(h)}$ | (h) |
| 10 | Cincinnati, Ohio...... | Both.. | 6,250,000 |  | 267 |  | 15 | 24 | 87,000 |  |
| 11 | Pittsburg, Pa | Both.. | 9, 500, 000 |  | 425 |  | 3 | 18 | ( ${ }^{\text {d }}$ ) | (h) |
| 12 | New Orleans, | Hand. | 3, 009, 633 |  | 0175 |  | 15 | 24 | (d) |  |
| 13 | Detroit, Mich | Both.. | $8,068,000$ |  | q 318 |  | 4 | 20 | 60,000 |  |
| 14 | Milwaukee, Wis | Both.. | 2,307, 873 |  | 425 |  | 4 | 12 | 140,000 |  |
| 15 | Washington, D.C..... | Both... | 7,957,020 | 4,824,837 | 208 | 115 | 3 | 17 |  | s 14, 267 |
| 16 | Newark, N. J ........... | Both.. | 2, 191, 030 | $1, \ldots 0 \cdot 0$ | 300 |  | (t) | $(t)^{21}$ |  | (d) |
| 17 | Jersey City, N. J ....... | Both.. |  | 1,500,000 |  | 100 | (t) | ${ }^{(t)}$ |  | (d) |
| 18 | Louisville, Ky ........ | Both.. | 2, 200, 000 |  | 136 |  |  | , |  |  |
| 19 | Minneapolis, Minn ... | Both.. | 9,023, 076 |  | 412 |  | 2 | 8 | (h) | (h) |
| 20 | Providence, R. I | Both.. | 1,651, 017 |  | 87 |  |  | 1 | (h) | (h) |
| 21 | Indianapolis, Ind. | Both.. |  | 2,573, 888 |  | 137 |  | 8 | (h) | (h) |
| 22 | Kansas City, Mo | Both.. | 11,960,000 |  | 95 |  | 2 | 8 | (h) ${ }^{(103}$ | (h) |
| 23 | St. Paul, Minn ........ | Both.. | e 3,227, 000 |  | 80 | 62 | 2 | 7 | 1,503 |  |
| 24 | Rochester, N. Y........ | Both.. | 4,088, 500 | 680, 000 | 150 | 90 | 2 | 5 | 99,790 |  |
| 25 | Denver, Colo .......... | Both.. | 2,938, 640 |  | 86 |  |  | 8 | (h) | (h) |
| 26 | Toledo, Ohio........... | Both.. | 2,536, 160 |  | 150 |  | 2 | 12 | (h) | (h) |
| 27 | Allegheny, Pa | Both.. | 3,250,000 |  | 60 |  |  | 6 | (h) | (h) |
| 28 | Columbus, Ohio | Both.. | 4,100,000 |  | 103 |  |  | ${ }^{8} 8$ | (h) | (h) |
| 29 | Worcester, Mass | Both.. | $y$ 797, 500 |  | 30 | 40 | 2 | 5 | (h) | (h) |
| 30 | Syracuse, N. Y .......... | Both.. | 4, 120, 671 |  | ¢135 | $\pm 41$ |  | 3 | 51,700 |  |
| 31 | New Haven, Conn.... | Both.. | 625, 979 |  | 46 |  | 7 | 4 | (h) | (h) |
| 32 | Paterson, N.J.... | Both.. | 600, 000 |  | 120 |  |  |  |  | $1,000$ |
| 33 | Fall River, Mass...... | Both.. | 415,000 |  | 30 |  |  | 1 | 1, 050 |  |
| 34 | St. Joseph, Mo | Hand. | 3130,000 |  | 27 |  |  | 1 | $(h)$ |  |
| 35 | Omaha, Nebr .......... | Both.. | 1,548,518 |  | 30 |  | 2 | 1 | (h) | (h) |
| 36 | Los Angeles, Cal ..... | Both.. | (f) 0 | 2,025,870 | 65 | 135 | 3 | 13 |  | 2, 300 |
| 37 | Memphis, Tenn | Mach. | 750,000 |  | ${ }_{4 b}^{43}$ | aus 9 |  | 13 | 27, 413 |  |
| 38 | Scranton, Pa. | Hand. | 1,048, 451 |  | bb 62 |  |  | 2 | (h) ${ }_{24,82}$ | (h) |
| 39 40 | Lowell, Mass Albany, N. Y | Both.. | 325,000 $1,500,000$ |  | 75 |  |  | 4 4 | (h) | (i) ${ }^{\text {a }}$ |
| 41 | Cambridge, Mass. | Mach. | 1, 725,000 |  | 41 | an 46 | 1 | 3 | 45,000 |  |
| 42 | Portland, Oreg .. | Both.. | 1,789, 600 |  | 56 |  |  | 2 | (h) | (h) |
| 43 | Atlanta, Ga ... | Mach . | 1,710,000 |  | 24 |  | 2 | 6 | (f) |  |
| 44 | Grand Rapids, Mich.. | Both:. | 1,000, 000 |  | - 100 |  | 2 | 8 | (h) | (a) |
| 45 | Dayton, Ohio.. | Hand. | 1,623,840 |  | 39 |  | 1 | $\times 3$ | 21,483 |  |
| 46 | Richmond, Va | Both.. | 5,432,220 |  | 65 |  |  | 4 | 5,000 |  |
| 47 | Nashville, Ten | Both.. | 683,600 |  | dd 95 |  |  |  | 28,175 |  |

$a$ Not including 60 persons employed by New York Street Sprinkling Association and 60 other per-
sons who sprinkje streets by contract with adjoining property owners.
$b$ Including 30,000 tons removed under permit without cost to city.
cNot including 80 persons who remove garbage under permit without cost to city.
$\boldsymbol{d}$ Included in garbage.
e Including ashes.
$f$ Not reported
$g$ Not meluding 4 State inspectors.
$h$ Disposed of by householders.
$i$ Employed in sweeping only.
5 Tons not reported, 19,734 dead animals.
$\lambda$ Employed for 5 months ony.
$t$ Employed for 7 months only.
$m$ Not including 2 for 5 months and 5 plumbing inspectors.
$n$ Tons not reported; 5,965 dead animals.
oSprinkling done by private persons.
$\boldsymbol{p}$ including a hes and dead animals and other refuse.
$q$ Including persons employed in removal of ashes.

Table XI.-CARE OF STREETS, FOOD AND SANITARY INSPECTION, AND DISPOSAL OF GARBAGE AND OTHER REFUSE.

Ashes, garbage, and other refuse.

| Garbage. |  |  |  |  |  | Dead animals and other refuse. |  |  |  |  |  | Average <br> persons <br> employed <br> in removal <br> of ashes, <br> garbage, <br> and other <br> refuse. |  | $\begin{aligned} & \text { Mar- } \\ & \text { ginal } \\ & \text { num- } \\ & \text { buer. } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Tons sold. |  | Tons burned. |  | Tons otherwise disposed of. |  | Tons sold. |  | Tons burned. |  | Tons otherwise disposed of. |  |  |  |  |
| $\begin{array}{\|c} \text { By } \\ \text { city. } \end{array}$ |  | By city. |  | $\begin{aligned} & \text { By } \\ & \text { city. } \end{aligned}$ |  | $\begin{gathered} \text { By } \\ \text { city. } \end{gathered}$ | $\left\|\begin{array}{c} \text { By } \\ \text { con- } \\ \text { tract- } \\ \text { ors. } \end{array}\right\|$ | $\begin{gathered} \mathrm{By} \\ \text { city. } \end{gathered}$ | $\begin{gathered} \text { By } \\ \text { con- } \\ \text { tract- } \\ \text { ors. } \end{gathered}$ | By city. |  | city. |  |  |
|  |  | 7,639 |  | 2,313 | 225, 770 |  | 18,000 | 5,523 |  | 65,642 | 6195,000 |  | 0644 |  |
|  |  |  |  | e666,960 |  | (f) | (f) | (f) | (f) | (f) | (f) | 500 | (f) |  |
|  |  |  | ....... |  | 61,235 |  |  |  |  |  | 17,600 |  | 168 |  |
|  |  | 17,000 | 30,724 | 19,000 | 14,034 |  |  |  |  | 6,500 |  | 640 | 75 |  |
|  |  |  |  | 21,200 | 42, 300 |  |  |  |  | ( ${ }^{\text {j }}$ |  | c 179 | ${ }^{l} 191$ |  |
|  |  |  |  | 8,500 | 17,500 |  |  |  |  | ( ${ }^{\text {a }}$ ) | 125 | 67 | 123 | 7 8 8 |
| (h) | (h) | (h) | (h) | ( ${ }^{\text {) }}$ | (h) | (h) | ( ${ }^{\text {a }}$ | (h) | (h) | ( $n$ ) | (h) 64,000 | ${ }^{\text {(h) }} 13$ | ${ }^{(h)} 48$ | 10 |
|  | 45,000 |  |  |  | 5,000 |  | 1,500 |  |  |  |  |  | 40 | 11 |
|  |  |  |  | p 53, 777 | 497 |  |  |  |  | (d) |  | ${ }_{(r)} 151$ | 45 | 12 |
|  |  |  |  | 30, 359 | , 4 |  |  |  |  | 130 |  | 225 | 45 | 14 |
|  |  |  | 1,751 | , | 24, 769 |  |  |  | 9,816 |  |  |  | 148 | 15 |
|  |  |  |  |  | e $\begin{aligned} & \text { e749,955 } \\ & \text { e30,000 }\end{aligned}$ |  |  |  |  |  | $\underset{(u)}{55,000}$ |  | 125 60 | 16 |
|  |  |  |  |  | e30,000 |  |  |  |  | (d) |  |  | 60 | 18 |
| ( ${ }^{\text {a }}$ | (h) | ( ${ }^{\text {a }}$ | (h) | (h) | (h) |  |  |  |  |  | (f) |  | 3 | 19 |
|  |  |  |  |  | 17,000 |  |  |  |  |  | (f) |  | 64 | 20 |
|  |  |  |  | 12, 800 | 18,876 |  |  |  |  | 50 |  | 20 | 104 | 22 |
|  |  |  |  | 5,405 |  |  |  |  |  | 1,145 |  |  |  | 23 |
|  |  |  | (f) |  | (h) |  |  |  | (f) |  | (f) | 150 | 60 | 24 |
|  | (h) | (h) |  |  |  |  |  |  |  |  | (d) ${ }^{\text {a }}$ |  | 18 | 26 |
|  | 11,280 |  |  |  | 9,000 |  | 290 |  |  |  |  |  | ${ }_{31}^{31}$ | 27 |
|  |  |  | 10,389 | 9,828 |  | (h) | (h) | (h) | ${ }_{\left({ }^{2}\right)}^{278}$ | ( $h$ ) | (h) | 24 | 26 | 29 |
|  |  |  |  | 9,920 |  |  |  |  |  |  |  | 64 |  | 30 |
|  |  |  |  |  |  |  |  |  |  |  |  |  | $\stackrel{16}{32}$ | 32 |
|  |  |  |  |  |  |  |  |  |  | (f) |  | 31 | 20 | 33 |
| $\binom{(h)}{(h)}$ | (h) ${ }_{(h)}$ | ( ${ }_{\text {h }}$ ) | (h) ${ }_{\text {h }}$ | $\binom{(h)}{h}$ | $\left(\begin{array}{l}\text { (h) }\end{array}\right.$ |  |  |  |  | 4,500 |  |  | $\stackrel{\square}{2}$ | 34 35 |
|  |  | $\cdots$ | 4,500 |  |  | ( 9 | (f) |  | (f) |  | (f) |  | 14 | ${ }^{36}$ |
|  |  | $\begin{gathered} 20,124 \\ (c c) \end{gathered}$ |  |  |  |  |  |  |  | 1,992 | 296 | 75 | 3 | 37 |
|  |  |  |  |  |  |  |  | 445 |  |  |  | 42 |  | 39 |
| 10,500 | (h) | ( ${ }^{\text {a }}$ | (h) | (h) | (h) |  |  |  |  |  |  |  | 2 | 40 |
| 10,500 |  | cc14, 180 |  |  |  | ( ${ }^{\text {( })}$ | (f) | $\begin{gathered} (f) \\ c \in 144 \end{gathered}$ | (f) | (f) | (f) | ${ }_{2}$ |  | 41 |
|  |  | 40,208 |  |  |  | 135 |  | 198 |  |  |  | 120 |  | 43 |
|  |  | ce13,624 |  |  |  |  |  | co 22 |  |  |  |  |  | 44 |
|  |  | 14,290 2 |  |  |  |  |  |  |  | 100 |  | 34 | 3 | 45 |
|  |  |  |  | 4,10i |  |  |  |  |  |  |  |  | 15 |  |

[^8]Table XI.-CARE OF STREETS, FOOD AND SANITARY INSPECTION, AND DISPOSAL OF GARBAGE AND OTHER REFUSE-Continued.


Table XI.-CARE OF STREETS, FOOD AND SANITARY INSPECTION, AND DISPOSAL OF garbage and other refuse-continued.


Table XI.-CARE OF STREETS, FOOD AND SANITARY INSPECTION, AND DIBPOSAL OF GARBAGE AND OTHER REFUSE-Concluded.

| $\begin{aligned} & \text { Mar- } \\ & \text { ginal } \\ & \text { num- } \\ & \text { ber. } \end{aligned}$ | Cities. | Streets. |  |  |  |  | Inspectors. |  | Ashes, garbage, and other refuse. |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | $\begin{array}{\|c} \text { Swept } \\ \text { by } \\ \text { hand } \\ \text { or ma- } \\ \text { chine. } \end{array}$ | Square yards swept per week. |  | Average persons employed in sweeping, sprinkling, etc. |  | Fond. | $\begin{aligned} & \text { Sani- } \\ & \text { tary. } \end{aligned}$ | Tons of ashes disposed of. |  |
|  |  |  | By city. | By contractors. | $\begin{aligned} & \text { By } \\ & \text { city. } \end{aligned}$ | $\begin{gathered} \text { By } \\ \text { con- } \\ \text { tract } \\ \text { ors. } \end{gathered}$ |  |  | By city. | $\begin{aligned} & \text { By } \\ & \text { con- } \\ & \text { tract- } \end{aligned}$ ors. |
| 96 | Altoona, Pa . | Both.. | 415, 000 |  | 14 |  | (a) | (a) | (b) | (b) |
| 97 | Wheeling, W. V | Both. | 50,100 |  | 12 |  |  | (c) | (b) | (b) |
| 98 | Mobile, Ala...... | Hand. | 169,000 |  | $f 30$ |  |  | 2 | (g) |  |
| 100 | Little Rock, Ark. | Mach. | 66,880 |  | 16 |  |  |  | (b) | (b) |
| 101 | Springfield, Ohio | Hand. | 289,569 | 26,000 | 30 |  |  |  | 8,35 |  |
| 102 | Galveston, Tex.. | Hand. | 647, 280 |  | 17 |  |  |  | (b) | (b) ${ }^{\text {a }}$ |
| 103 | Tacoma, Wash....... | Both.. | n20,000 |  | 10 |  |  | (a) | (b) | (b) |
| 104 | Haverhill, Mass Spokane Wash | Math.. | 270,000 |  | 47 |  |  | (o) ${ }^{2}$ | (b) | (b) |
| 106 | Terre Haute, Ind. | Both.. | 834, 512 |  | 41 |  |  |  | (b) | (b) |
| 107 | Dubuque, Iowa ....... | Hand. | 176,000 |  | 18 |  |  | 1 |  | (m) |
| 108 | Quincy, Ill .......... | Both.. | 140,000 |  |  |  |  |  |  | 4,140 |
| 109 | South Bend, Ind...... | Both.. | 462,684 <br> 24,700 |  | p30 |  |  |  | (b) | (b) |
| 111 | Johnstown, | Both.. | 282, 000 |  |  |  | (s) | (8) | (b) ${ }^{\text {b }}$ | (b) ${ }^{\text {c }}$ |
| 112 | Elmira, N. Y | Both.. | $t 635,000$ |  | $t 12$ |  | ( ${ }^{1}$ |  | (b) | (b) |
| 113 | Allentown, Pa | Both.. | 110,000 |  | 40 |  |  | 1 | (b) | (b) |
| 114 | Davenport, Iowa..... | Both.. | ${ }^{4} 589,948$ |  | 438 |  | 1 | $\stackrel{\nu}{2}$ | (b) | (b) |
| 115 | McKeesport, Pa ...... | Both.: | 165,000 $\times 234,000$ |  | 8 $\times 21$ |  | 1 | $w 1$ $y / 6$ | (b) | (b) |
| 117 | Chelsea, Mass | Both.. | 148,000 |  | 22 |  | 1 |  | (m) | (m) |
| 118 | Chester, Pa... | Both.. | 150,000 |  |  |  |  |  |  | 400 |
| 119 | York, Pa | (z) | ( ${ }^{(2)}$ | (z) |  | (z) |  |  | 20, 000 |  |
| 121 | Topeka, Kans | Moth. | - 5550,600 |  | 16 12 |  | 1 | 6 | (b) ${ }^{\text {b }}$, 500 |  |
| 122 | Newton, Mass | Both. | 34,000 |  | 46 |  | 1 |  |  |  |
| 123 | Sioux City Iov | Both. | 677, 274 |  | 16 |  | 1 |  |  |  |
| 124 | Bayonne, ${ }^{\text {N }}$ J. | Hand. | 50, 200 |  | 45 |  |  |  | 3,330 |  |
| 125 | Knoxville, Tenn..... | Hand. | $119,250$ |  | $a \mathrm{aa}$ |  |  | 1 |  |  |
| 126 | Schenectady, N. Y... Fitchburg Mass | Both. Both. | 365,000 |  | 24 |  | (cc) | 2 | $\left({ }^{(b)}\right.$ | ${ }_{\text {b }}$ |
| 128 | Superior, Wis... | Mach. | ee 75,000 |  | ee 43 |  | ${ }_{1}^{2}$ | 5 | (b) | (b) |
| 129 | Rockford, 111 | Both.. | 570,000 |  | ff 14 |  |  | 091 | (b) | (b) |
| 130 | Taunton, Mass | Both.. | ${ }_{(20}^{40} 000$ |  | $(h h)^{15}$ |  |  | 1 | (b) | (b) |
| 152 | Butte, Mont.. | Mach. | ee 343,400 |  |  |  | 1 | , |  |  |
| 183 | Montgomery Ala .... | Both.. | 1, 688, 341 |  | 18 |  |  |  | 12, 403 |  |
| 134 | Auburn, N .1 | Hand. | 125,000 3760 |  | ${ }^{1} 114$ |  | (a) | (a) | (b) | (b) |
| 135 | Chattanooga, Tenn.. East St. Louis, Ill.... | Both.. Both. | $\begin{aligned} & 376,600 \\ & 300,000 \end{aligned}$ |  | ${ }^{1 i} 14$ |  |  | 1 | (b) ${ }^{\text {b }}$ ) | (b) |
| 187 | Joliet, Ill.............. | Hand. | 466, 210 |  | ff 20 |  |  |  | 11,600 |  |

[^9]Tarle XI-CARE OF STREETS, FOOD AND SANITARY INSPECTION, AND DISPOSAL OF GARBAGE AND OTHER REFUSE-Concluded.

Ashes, garbage, and other refuse.

| Garbage. |  |  |  |  |  | Dead animals and other refuse. |  |  |  |  |  | Average persons employed in removal of ashes, garbage, and other refuse. |  | $\begin{aligned} & \text { Mar- } \\ & \text { ginal } \\ & \text { num- } \\ & \text { ber- } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Tons sold. |  | Tons burned. |  | Tons otherwise disposed of. |  | Tons sold. |  | Tons burned. |  | Tons otherwise disposed of. |  |  |  |  |
| $\underset{\text { eity. }}{\text { By }}$ |  | By city. |  | $\begin{gathered} \text { By } \\ \text { city. } \end{gathered}$ | $\begin{array}{\|c\|} \text { By } \\ \text { con- } \\ \text { tract- } \\ \text { ors. } \end{array}$ | By |  | $\begin{gathered} \text { By } \\ \text { city. } \end{gathered}$ | $\begin{gathered} \text { By } \\ \text { con- } \\ \text { tract- } \\ \text { ors. } \end{gathered}$ | By city. | $\begin{aligned} & \text { By } \\ & \text { con- } \\ & \text { tract- } \\ & \text { ors. } \end{aligned}$ | $\underset{\text { eity }}{\text { By }}$ | $\begin{gathered} \text { By } \\ \text { con } \\ \text { tract- } \\ \text { ors. } \end{gathered}$ |  |
| (b) | (b) | (b) |  | (b) | ${ }^{(b)}$ | (b) | (b) | (b) | (b) | (b) | (b) | (b) | (b) ${ }_{11}$ | ${ }_{97}^{96}$ |
|  |  |  |  | h9,336 |  |  |  |  |  |  | 140 | 7 | 11. | 98 |
| (b) | (b) |  | (b) | (b) | (b) ${ }^{\text {( }}$ ) | (b) | (b) | (b) | (b) | (b) | (b) ${ }^{\text {b }}$ |  | (b) ${ }^{17}$ | 99 100 |
|  |  | 1,914 |  |  |  |  |  | 45 |  |  |  | 12 |  | 101 |
| (b) | (b) | (b) | (b) | (b) | (b) | (b) | (b) | $\left.\begin{array}{c} (n) \\ (b) \end{array}\right)$ | (b) | (b) | (b) | (b) ${ }^{24}$ | (b) | 102 103 |
| (b) | ${ }^{(b)}$ | (b) ${ }^{\text {a }}$ | (b) | (b) | (b) | (b) | (b) | (b) | (b) | (b) | (b) ${ }^{509}$ | (b) | (b) ${ }^{5}$ | 104 105 |
|  |  |  |  |  |  |  |  |  |  |  |  |  | (m) ${ }^{5}$ | 106 107 |
|  |  |  |  |  | 8,208 |  |  |  |  |  | 1,060 |  | (m) | 108 |
| (b) 2,950 | ${ }^{(b)}$ | (b) | (b) | (b) | (b) |  |  |  |  | 5,000 130 |  | ${ }^{(9)} 8$ | ...... | 109 110 |
| ( ${ }_{\text {che }}^{\text {(b) }}$ | (b) | (b) | (b) | (b) | (b) ${ }^{\text {b) }}$ | (b) | (b) | (b) | $\left(\begin{array}{l}\text { (b) } \\ (b)\end{array}\right.$ | (b) ${ }_{\text {(b) }}$ | (b) | (b) ${ }^{(b)}$ | $\binom{$ b }{ b } | 110 111 112 |
|  |  |  |  | 3,873 | 6,500 | (b) | (b) | (c) | (b) | (b) | (b) |  | [.... | 113 114 |
|  |  | (e) |  |  |  |  |  | (e) |  |  |  |  |  | 115 |
| (1a) | (b) | (b) | ( ${ }_{(0)}^{(m)}$ | (m) | (b) | ( ${ }_{(0)}^{(m)}$ | (b) | (b) $(m)$ | $\left({ }_{(0)}^{(b)}\right.$ | ( ${ }^{(b)}$ | $\left(\begin{array}{l}\text { (b) } \\ (m)\end{array}\right.$ | (b) | $\text { (b) } 20$ | 115 117 |
|  |  |  |  |  | 5,020 |  |  |  |  |  |  | (m) | 10 | 118 |
| 1,200 |  |  |  | 3,000 |  | (m) |  | (m) |  | (m) 100 |  | 13 |  | 119 |
| (b) | (b) | (b) | (b) | (b) | (b) |  |  |  | 22 |  |  |  |  | 120 |
|  |  |  |  | $\underset{6,660}{(m)}$ |  |  |  |  |  | ${ }^{(m)} 100$ |  | 12 |  | 123 |
|  |  |  |  | (b) |  |  |  |  |  |  |  | ${ }^{\text {bb }} 19$ | (1) 2 | 125 |
| (b) | (b) | (b) | (b) | (b) | ${ }_{1}$ (b) 034 | (b) | (b) | (b) | (b) | (b) | ${ }^{(b)} 12$ | (b) | (b) 8 | 126 |
| $\dddot{(b)}$ | (b) | (b) | (b) | (b) |  | (b) | (b) | (b) | (b) | (b) |  | (b) | (b) | 128 |
|  |  |  |  |  | 3, |  | (m) |  |  |  | $\left(\begin{array}{l}\text { m } \\ (m)\end{array}\right.$ |  | (b) | 129 |
|  |  |  |  |  |  | (b) | (b) | (b) | (b) | (b) | (b) |  | (b) | 131 |
| (b) | (b) | (b) | (b) | (b) | (b) |  | .... | e 196 |  |  |  |  | (b) | 132 |
| (b) | (b) | (b) | (b) | (b) |  |  |  |  |  |  |  | 16 |  | 133 |
|  |  |  |  |  | (b) ${ }^{\text {b }}$ ) |  |  |  |  | (b) |  |  | 10 | 134 135 |
| (b) | (b) | (b) | (b) | (b) | (b) | $\cdots$ | ( ${ }^{\text {b }}$ | (b) | (b) | (b) | (b) |  | (b) | 136 137 |

$r$ Employed in sprinkling only.
$s$ Health officer acts ass both food and sanitary inspector.
$t$ For 40 weeks; no sweeping for 12 weeks.
uFor 9 months; no sweeping for 3 months.
$v$ Including 1 for 3 monthis.
wot including secretary of board ofhealth, who also acts as sanitary inspector.
$x$ for 7 months; no sweeping for 5 months.
$\eta$ Including 5 sanitary policemen.
$z$ Swept by volunteer fire department; paid for by householders.
aa Also employed in removal of ashes; not including 10 persons employed on Saturdays; sprinkling done by private persons.
$b b$ Including the 9 persons also employed in street cleaning.
co Included in sanitary inspectors.
dd Including 1 who also acts as food inspector.
ee For 6 months; no sweeping for 6 months.
ff Employed in cleaning only.
og Policemen also act as inspectors.
hh Paved streets flushed every 2 weeks by street laborers.
ii Employed in cleaning only; 2 extra persons employed during hottest weather for sprinkling.
$j 3$ small animals only; large animals removed by soap factones.

Table XII.-NUMBER AND KIND OF sTREET LIGHTS.

a Not including 89 Collis lamps used to designate streets.

Table XII.-NUMBER AND KIND OF STREET LIGHTS-Concluded.

| $\begin{aligned} & \text { Mar- } \\ & \text { ginal } \\ & \text { num- } \\ & \text { ber. } \end{aligned}$ | Cities. | Number of lights. |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Electric. |  | Gas. |  | Vapor lamps. | $\underset{\text { lamps. }}{\text { Oil }}$ |
|  |  | Arc. | Incan- | Welsbach. | Other. |  |  |
| 78 | Portland, Me. | 302 | 641 | ${ }^{343}$ |  |  | 126 |
| 79 | Yonkers, N. Y. | 826 | 597 | 1,592 |  |  |  |
| 80 81 | Norfolk, Va...... Waterbury Conn | 331 268 |  | . 8 |  |  |  |
| 82 | Holyoke, Mass... | 261 | ${ }_{6} 6$ | 8 | 27 |  | 83 |
| 83 | Fort Wayne, Ind .. | 294 |  |  |  |  |  |
| 88 | Youngstown, Ohio. Houston, Tex..... | 389 363 |  |  |  |  |  |
| 86 | Covington, Ky | 95 |  |  | 609 |  | 432 |
| 88 | Akron, Ohio... | 353 |  | 25 |  | 811 |  |
| 89 | Dalas, Tex | 313 281 |  |  |  |  |  |
| 90 | Lancaster, Pa . | 308 |  |  | 267 |  | 150 |
| ${ }_{92}^{91}$ | Lincoln, Nebr | ${ }_{263}^{192}$ |  | 203 |  |  |  |
| 93 | Binghamton, N. | 344 | 54 | 164 |  |  | 143 |
| 95 | Augusta, Ga. | 348 |  |  |  |  |  |
| 96 | Altoona, Pa.. | 221 |  |  | 97 |  | 117 |
| 97 | Wheeling, W. V | 507 |  |  |  |  |  |
| 98 | Mobile, Ala....i. | 275 |  |  |  |  |  |
| 109 | Birmingham, Ala | 225 |  |  |  |  |  |
| 100 101 |  | 218 |  |  |  |  |  |
| 102 | $\begin{aligned} & \text { Springriel, ohio } \\ & \text { Galveston, Tex } \end{aligned}$ | 316 176 | ${ }^{4} 50$ | 663 |  |  |  |
| 103 | Tacoma, Wash. | 335 |  |  |  |  |  |
| 104 | Haverhill, Mass | 196 | 3 | 218 |  | 308 |  |
| 105 | Spokane, Wash | 225 386 | 9 |  |  |  |  |
| 107 | Dubuque, Iowa. | 376 | 1 |  |  |  |  |
| 108 | Quincy, $111 . . .$. | 336 |  |  |  |  |  |
| 109 | South Bend, Ind <br> Salem Mass | 298 |  |  |  |  |  |
| 111 | ${ }_{\text {Sohnstown, }}$ | $\stackrel{358}{ }$ | 287 |  |  |  |  |
| 112 | Elmira, N. Y. | 387 | 515 |  |  |  |  |
| 113 | Allentown, Pa.. | 170 | 387 |  |  |  |  |
| 114 | Davenport, | 425 |  |  |  |  |  |
| 116 | Springfield, 11. | $a 490$ |  |  |  |  |  |
| 117 | Chelsea, Mass. | 220 | 208 |  |  |  |  |
| 118 | Chester, Pa | 194 | 419 |  |  |  |  |
| 119 | York, Pa.... | 316 |  | 8 |  |  |  |
| 120 | Malden, Mass. | 105 | 1,028 |  |  |  |  |
| 122 | Newton, Mass | 191 | 1,044 |  | 948 |  | 210 |
| 123 | Sioux City, Iowa | 80 | 772 |  |  |  |  |
| 124 | Bayonne, N.J... | 139 |  |  | 886 |  |  |
| 126 | Schenectady, $\mathbf{N}$. | 292 | 9 |  |  |  | 62 |
| 127 | Fitchburg, Mass | 302 |  |  | 20 | 31 |  |
| 129 | Roperiord, Ill | 416 |  |  |  |  |  |
| 180 | Taunton, Mass | 247 |  |  | 71 | 420 | 50 |
| 131 | Canton, Ohio | 271 |  | 50 |  | 490 |  |
| 1 | Butte, Mont ... | 175 |  |  |  |  |  |
| 134 | Auburn, N. Y. | 384 | 47 |  |  |  |  |
| 135 | Chattanooga, Tenn | 224 | 6 |  |  |  |  |
| 136 137 | East St. Louis, III | 165 |  |  |  |  |  |
| 137 | Joliet, Ill .... | 281 |  |  |  |  |  |

a Including 80 lamps furnished by Chicago and Alton Railway Company.

Table XIII.-PUBLIC sCHOOLS.

| Mar- <br> ginal <br> num- <br> ber. | Cities. | Public schools. |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Number of school buildings. |  |  | Number of school rooms. |  |  | Number of high sch'ls. | Teachers. |  |  |
|  |  | $\left\|\begin{array}{c} \text { Owned } \\ \text { by } \\ \text { city. } \end{array}\right\|$ | Rented. | Total. | $\begin{gathered} \text { In } \\ \text { build- } \\ \text { ings } \\ \text { owned } \\ \text { by } \\ \text { city. } \end{gathered}$ | Rented. | Total. |  | $\underset{\text { high }}{\text { In }}$ | $\begin{aligned} & \text { In } \\ & \text { kin- } \\ & \text { der- } \\ & \text { gar- } \\ & \text { tens. } \end{aligned}$ | In regular day sch'ls. |
| 1 | New York, N. Y. | a 415 | $b 56$ | a 471 | a10, 133 | b 428 | a10,561 | 19 | 567 | 171 | 10,589 |
| 2 | Chicago, Ill.......... | 333 | 346 | 679 | 4,449 | 346 | 4,795 | 15 | 354 | 177 | 5,681 |
| 3 | Philadelphia, Pa .... | 253 | 75 | 328 | 2,752 | 126 | 2,878 | 5 | 192 | 194 | 3,118 |
| 4 | St. Louis, Mo. . . . . . . . . | 124 | 2 | 126 | 1,381 | 10 | 1,391 | 2 | 78 | 298 | 1,323 |
| 5 | Boston, Mass | 218 | 47 | 265 | 1,726 | (d) | (d) | 12 | 224 | 157 | 1,620 |
| 6 | Baltimore, Md. | 95 | 24 | 119 | 1,433 | ( 98 | 1,581 | 5 | 87 |  | 1,560 |
| 7 | Cleveland, Ohio | 72 | 1 | 73 | 1,115 | 30 | 1,145 | 5 | 119 | 49 | 1,178 |
| 8 | Buftalo, N. Y.... | 82 | 3 | 85 | (d) | (d) | 1,215 | 2 | 81 | 19 | 1,175 |
| 9 | San Francisco, Cal... | 72 |  | 72 | 747 | ${ }^{36}$ | 1783 | 4 | 52 |  | 828 |
| 10 | Cincinnati, Ohio..... | 53 | 10 | 63 | 860 | 12 | 872 | 3 | 77 |  | 916 |
| 11 | Pittsburg, Pa ........ | 85 |  | 85 | 994 |  | 994 | 3 | 63 | 49 | 981 |
| 12 | New Orleans, La. . . . | 62 | 8 | 70 | 702 | 43 | 745 | 3 | 40 | 37 | 663 |
| 13 | Detroit, Mich........ | 70 |  | 70 | 831 |  | 831 | 3 | 111 | 48 | 773 |
| 14 | Milwaukee, Wis | e 81 |  | $e 81$ | e 752 |  | e 752 | 8 | 55 | 88 | 731 |
| 15 | Washington, D.C.... | 116 | 21 | 137 | 948 | 62 | 1,005 | 5 | 143 | 61 | 996 |
| 16 | Newark, N.J........ | 49. | 4 | 63 | 777 | 18 | 795 | 1 | 47 | 103 | 701 |
| 17 | Jersey City, N.J...... | 29 |  | 29 | 512 |  | 512 | 1 | 21 | 4 | 562 |
| 18 | Louisville, Ky ....... | 52 | 17 | 69 | 604 | 37 | 641 | 5 | 67 |  | 535 |
| 19 | Minneapolis, Minn .. | 58 | 2 | 60 | 968 | 5 | 973 | 4 | 108 |  | 747 |
| 20 | Providence, R. I ..... | 97 | 1 | 98 | 569 | 1 | 570 | 4 | 96 | 48 | 564 |
| 21 | Indianapolis, Ind.... | 57 | 3 | 60 | 604 | 5 | 609 | 2 | 88 |  | 578 |
| 22 | Kansas City, Mo..... | 49 | 5 | 54 | 550 | 12 | 562 | 4 | 113 | 15 | 509 |
| 23 | St. Paul, Minn | 44 | 19 | 63 | 565 | 19 | 584 | 4 | 79 | 59 | 432 |
| 24 | Rochester, N. Y....... | 37 | 3 | 40 | 600 | 6 | 606 | 1. | 42 | 81 | 583 |
| 25 | Denver, Colo | 54 | 5 | 59 | 550 | 15 | 565 | 6 | 88 | 51 | 560 |
| 26 | Toledo, Ohio | 40 |  | 40 | 470 |  | 470 | 2 | 41 | 15 | 442 |
| 27 | Allegheny, Pa,...... | 20 |  | 30 | 450 |  | 450 | 1 | 23 | 18 | 376 |
| 28 | Columbus, Ohio ..... | 38 |  | 38 | 446 |  | 446 | 4 | 76 |  | 417 |
| 29 | Worcester, Mass ..... | 73 |  | 73 | 550 |  | 550 | $f 4$ | 101 | 26 | 486 |
| 30 | Syracuse, $\mathrm{N} . \mathrm{Y} .$. | 39 | 8 | 47 | 386 | 12 | 398 | 1 | 42 | 28 | 399 |
| 31 | New Haven, Conn. | 48 | 5 | 53 | 356 | 30 | 386 | 2 | 54 | 28 | 362 |
| 82 | Paterson, N:J ........ | $g 19$ |  | 919 | g 240 |  | $g 240$ | 1 | 23 | 15 | 336 |
| 33 | Fall River, Mass..... | 53 |  | 53 | 273 |  | 278 | 1 | 23 |  | 369 |
| 84 | St. Joseph, Mo . . . . . . . | 28 | 3 | 31 | 215 | 5 | 220 | 2 | 24 |  | 190 |
| 35 | Omaha, Nebr . . . . . . . | 52 |  | 52 | 369 |  | 369 | 1 | 50 | 55 | 811 |
| 86 | Los Angeles, Cal..... | 56 |  | 56 | 448 |  | 448 | 2 | 541 | 583 | 5376 |
| 37 | Memphis, Tenn...... | 26 | 3 | 29 | 185 | 14 | 199 | 2 | 14 |  | 201 |
| 38 | Scranton, Pa.......... | 41 | 10 | 51 | 324 | 10 | 334 | 1 | 28 |  | 309 |
| 89 | Lowell, Mass . . . . . . . | 53 | 1 | 54 | 278 | 1 | 279 | 1 | 30 | 25 | 249 |
| 40 | Albany, N, Y ......... | 21. |  | 21 | 304 |  | 304 | 1 | 28 | 21 | 258 |
| 41 | Cambridge, Mass .... | 39 |  | 39 | 326 |  | 326 | 3 | 60 | 25 | 328 |
| 42 | Portland, Oreg ...... | 29 |  | 29 | 315 |  | 319 | 1 | 21 |  | 277 |
| 43 | Atlanta, Ga........... | 24 | 2 | 26 | 204 | 3 | 207 | 2 | 22 |  | 205 |
| 44 | Grand Rapids, Mich. | 36 | 3 | 39 | 369 | 5 | 374 | 2 | 40 | 26 | 318 |
| 45 | Dayton, Ohio........ | 30 |  | 37 | 380 | 12 | 392 | 1 | 39 | 28 | 339 |
| 46 | Richmond, Va....... | 18 | 3 | 21 | 241 | , | 245 | 2 | 35 |  | 224 |
| 47 | Nashville, Tenn ..... | 18 |  | 18 | 218 |  | 218 | 2 | 18 |  | 204 |
| 48 | Seattle, Wash........ | 23 | 8 | 26 | 239 | 12 | 251 | 1 |  | 2 | 239 |
| 49 | Hartford, Conn ...... | 24 | 1 | 25 | 278 | 12 | 290 | 1 | 89 | (k) | $l 269$ |
| 50 | Reading, Pa ......... | 47 |  | 47 | 322 |  | 322 | $\stackrel{1}{2}$ | 20 |  | 302 |
| 51 |  | 28 | 1 | 29 | 237 | 1 | 238 | 2 | 25 |  | 245 |
| 52 | Camden, N.J . . . . . . . | 29 | 4 | 38 | 314 | 4 | 318 | 1 | 14 | 3 | 290 |
| 58 | Trenton, N.J ......... | 28 | 4 | 32 | 200 | 8 | 208 | 1 | 16 |  | - 2220 |
| 55 | Lynn, Mass. . . . . . . . . | 26 | 4 | 40 | 224 | 10 | 249 | 1 | 19 |  | $\stackrel{237}{ }$ |
| 56 | Oakland, Cal ........ | 19 |  | 19 | 261 |  | 261 | 2 | 39 | 1 | 205 |
| 57 | Lawrence, Mass . . . . | 29 | 3 | 32 | 195 | 5 | 200 | 1 | 24 |  | 235 |
| 58 | New Bedford, Mass.. | 25 |  | 25 | 209 |  | 209 | $f 2$ | 16 | 6 | 230 |
| 59 | Des Moines, Iowa.... | 49 |  | 49 | 307 |  | 307 | 6 | 47 | 26 | 296 |
| 60 | Springfield, Mass.... | 33 | 1 | 34 | 318 | 13 | 331 | 2 | 38 | 21 | 256 |
| 61 | Somerville, Mass .... | 25 |  | 25 | 230 |  | 230 | 2 | 42 | 8 | 231 |
| 62 | Troy, N, Y . . . . . . . . | 25 | 1 | 26 | 270 | 3 | 278 | 1 | 11 | 18 | 262 |
| 63 | Hoboken, N.J ....... | 7 | 7 | 14 | 151 | 17 | 168 | 1 | 9 | 7 | 182 |
| 64 | Evansville, Ind...... | 23 | 2 | 25 | 234 | 2 | 236 | 2 | 21 | 6 | 214 |
| 65 | Manchester, N. H.... | 24 |  | 24 | 129 |  | 129 | 1 | 16 |  | 126 |
| 66 | Utica, N. Y............ | 22 | 4 | 26 | 219 | 10 | 229 | 1 | 17 | 24 | 186 |
| 67 | Peoria, Ill ..... |  |  | 18 | 265 |  | 265 | 1 |  |  | 230 |

a Including College of City of New York and Normal College.
$b$ Including College of City of New York.
oIncluding College of City of New York and Normal College, but not including vacation schools. d Not reported.
e Including 301 -room movable houses.
$f$ Including 1 night school.

Table XIII.-PUBLIC sCHoOLS.

| Public schools. |  |  |  |  |  |  |  |  |  |  |  | $\begin{aligned} & \text { Mar- } \\ & \text { ginal } \\ & \text { num- } \\ & \text { ber. } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Teachers. |  | Pupils. |  |  |  |  |  |  |  |  |  |  |
| $\begin{gathered} \text { In } \\ \text { night } \\ \text { schools. } \end{gathered}$ | In all public schools | Number. |  |  |  |  | Average attendance. |  |  |  |  |  |
|  |  | $\underset{\text { high }}{\text { hngels. }}$ | $\begin{aligned} & \text { In } \\ & \text { kin- } \\ & \text { der- } \\ & \text { gar- } \\ & \text { tens. } \end{aligned}$ |  | $\begin{gathered} \text { In } \\ \text { night } \\ \text { schools. } \end{gathered}$ | In all other public schools. | $\operatorname{In}_{\text {schools. }}^{\text {In }}$ | $\begin{array}{\|l\|} \hline \text { In } \\ \text { kin- } \\ \text { der } \\ \text { gar- } \\ \text { tens. } \end{array}$ | $\begin{gathered} \text { In } \\ \text { other } \\ \text { regular } \\ \text { day } \\ \text { schools } \end{gathered}$ | $\underset{\substack{\text { In } \\ \text { nehools }}}{ }$ | In all public schools. |  |
| 988 | - 173 | 19,013 | 9,850 | 530,355 | 62,202 | c 6,640 | 12,439 | 8,602 | 381, 887 | 20,376 | c 5, 673 |  |
| 258 | 60 | 10,565 | 8,253 | 243, 032 | 9,104 | 888 | 9, 218 | 3,996 | 194,076 | 4,771 | ${ }_{792}$ |  |
| 502 | 96 | 5,641 | 14,959 | 166,013 | 19,304 | 378 | 4, 327 | 5,320 | 123, 365 | 9,718 | 372 |  |
| 75 | 17 | 2,349 | 9,925 | 76,925 | 11,938 | 68 | 1,781 | 5,597 | 58,128 | 1,926 | 144 |  |
| 63 |  | 3,039 |  | 80,376 | 2,034 |  | 1,856 | 3, | 60, 784 | 1,684 | 14 |  |
|  | 14 | 3,575 | 1,886 | 52, 216 | 1.579 | 286 | 3,080 | 1,400 | 42,738 | 1850 | 246 |  |
|  |  | 3,016 | 994 | 55, 617 | 3,105 |  | 2,525 | 455 | 40,053 | 1,305 |  |  |
| 10 |  | 1,390 |  | 34, 494 | 2, 624 |  | 1,022 |  | 27, 027 | 1,929 |  |  |
| 49 |  | 1,221 | 1,245 | 42,064 44,481 | 1,999 |  | 1,970 | 926 | 34, 723 | 1,129 |  | 10 |
|  | ii | 1,916 | 1,886 | 29,617 |  | 128 | 788 | 553 | 23, 437 |  | 106 | 12 |
| 44 | 8 | 2,810 | 1,789 | 36,067 | 1,255 | 171 | 2,152 | 799 | 27,913 | 638 | 167 | 13 |
|  | 9 | 1,666 | 6,501 | 33, 483 |  |  | 1,329 | 3,323 | 27,008 |  | 47 | 14 |
| 67 | 16 | 3,314 | 1,643 | 42,274 | 3,3ii | 200 | 2, 691 | 8 914 | 32, 875 | 1,434 | 192 | 15 |
| 112 | 87 | 1,265 | 6,590 623 | 30,019 33,057 | 4,462 2,818 | 5,165 | 1,108 | 3,155 | 23,989 21,851 | 2, 8430 | 3,065 | 17 |
| 26 |  | 1,906 |  | 25,791 | 1,153 |  | 1,506 |  | 19, 269 | 592 |  | 18 |
|  |  | 2,584 |  | 34,968 |  |  | 2,388 |  | 28,740 |  |  | 19 |
| 163 |  | 1,976 | 1,815 | 28,749 | 4,126 |  | 1,630 | 784 | 18,135 | 1,990 |  | 20 |
|  |  | 2,603 |  | 24,731 |  |  |  |  | 19,341 |  |  | 21 |
|  |  | 3,602 | 840 | 23,838 |  |  | 2,880 | 408 | 17,798 |  |  | 22 |
|  |  | 1,818 | 1,979 | 21,899 |  |  | 1,566 | 1,545 | 17,743 |  |  | 23 |
| 33 |  | 1,022 | 3,696 | 18,713 | 1,238 |  | 901 | 1,659 | 15, 618 | 306 |  | 24 |
|  |  | 2, 1288 | 2,415 | 24,581 19,914 |  |  | 1,925 | 1, 170 | 16,204 | 127 | 286 | 25 26 |
| 23 |  | , 647 | 466 | 20, 104 | 574 |  | 551 | 378 | 15,282 | 351 |  | 27 |
| 15 |  | 2,134 |  | 16,721 | 369 |  | 1,887 |  | 13,861 | 154 |  | 2 |
| ${ }^{66}$ |  | 3,704 | 667 | 20, 019 | 1,207 |  | 2,123 | 410 | 15, 259 | 687 |  | 29 |
| 27 |  | 1,613 | 1,009 | 16,795 | ${ }^{855}$ |  | 1,232 | 918 | 13,510 | 896 |  |  |
| $\stackrel{35}{56}$ |  | 1, ${ }_{6} \mathbf{2 7 7}$ | 1,087 <br> . <br> 900 | 15,302 $h 17,130$ | n2,500 | $\cdots \cdots \ddot{\square} 6$ | 1,067 | 676 $h 600$ | 12,575 | 420 $h 650$ | h40 | 31 |
| 47 |  | ${ }^{6669}$ | 209 | 15, 801 | 3,737 |  | 588 | 104 | 12,048 | 2,101 |  | 33 |
|  |  | $i 815$ |  | t9,724 | 1222 |  | 655 |  | 6,661 | 79 |  | 34 |
| j4 |  | 1,552 | 2,036 | 15, 387 | ${ }_{285}^{409}$ |  | 1,253 | 1,170 1,208 | 12, 358 | 124 |  | 36 |
|  |  | , 527 |  | 10,413 | 131 |  | ${ }^{1} 446$ |  | 7,552 | 67 |  | 37 |
| 80 |  | 725 | 250 | 15, 128 | 1,684 |  | 704 | 205 | 12,123 | 1,168 |  | 38 |
| 125 | 22 | 871 | 779 1107 | 11,042 | 3,434 | 575 | 770 | 347 | 8,609 | 1, 134 | 278 | 39 49 |
| 55 | 21 | 761 1,320 | 1,107 886 | 11, 218 | $\begin{array}{r}\text { 313 } \\ \hline 1,479\end{array}$ | 1,059 | 627 1,123 | 566 <br> 509 | 11, ${ }^{989}$ | 1361 | 691 | 41 |
|  |  | 827 |  | 11,847 | , 322 |  |  |  | 9,110 | 110 |  | 42 |
|  |  | 665 1,439 |  | 10,836 | 126 |  |  |  | 9,230 10 | 64 |  | 43 |
| 5 | 10 | 1,072 | 1, 165 | 11,545 | 219 | 70 | ${ }^{1} 970$ | ${ }^{1} 662$ | 9,692 | 128 | 62 | 45 |
|  |  | 1,170 |  | 10, 969 |  |  | 827 |  | 9,064 |  |  | 46 |
|  |  | $\begin{aligned} & 506 \\ & 726 \end{aligned}$ |  | 11, 717 | 100 |  |  |  | $\begin{aligned} & 9,176 \\ & 8,266 \end{aligned}$ | 50 |  | 48 |
|  |  | 872 | ( ${ }^{\text {c }}$ ) | ${ }^{2} 11,310$ | 1,459 | 2,324 | 729 | (c) | 18,713 | 309 | 1,131 | 49 |
|  |  | 637 |  | 13,698 | 411 |  | 551 |  | 9,661 | 105 |  | 50 |
|  |  | 816 | 95 | 12,411 |  |  | 275 | 50 | 7,969 |  |  | 52 |
| 24 |  | 562 |  | 9,278 | 1,069 |  | 485 |  | 6,818 | 648 |  | 54 |
|  |  |  | (k) | $\left\|\begin{array}{r} 10,398 \\ 9,356 \end{array}\right\|$ | - ${ }^{352}$ |  |  | (k) | 19,048 7 7 | 67 896 | 31 | ${ }_{55}^{54}$ |
| 5 |  | 1,216 | 50 | 10,395 | 1,295 |  | 1,001 | 35 | 7,454 | 130 |  | 56 |
| 56 |  | 581 |  | 6,943 | 1,451 |  |  |  | 6,518 | 1,006 |  | 58 |
|  |  | 1, 410 | 1,068 | -8,793 | $2,543 \text {, }$ |  | 322 1,025 | 988 | 6,588 8,434 |  |  | 68 |
| 49 |  | 1781 | ${ }^{1} 823$ | 9,970 | 1,527 |  | 1,657 | 348 | 7,841 | 552 |  | 60 |
| 28 |  | 1,064 | 394 | 11,039 | 804 |  | 947 | 147 | 8,256 | 271 |  | 61 |
|  |  | 279 |  | - 78.150 |  |  | 226 | ${ }_{\text {(k) }} 198$ | -6,508 | 200 |  | 62 |
|  |  | 771 | 298 | 7,610 |  |  | 577 | 136 | 6,135 | 82 | 12 | 64 |
|  |  | 422 |  | 5,386 |  |  | 354 |  | 3,773 | 189 |  | 65 |
|  |  |  | 1,047 | 7,318 | 172 |  |  |  | $\begin{aligned} & 5,884 \\ & 6,751 \end{aligned}$ | 69 |  | $\begin{aligned} & 66 \\ & 67 \end{aligned}$ |

$g$ Not including 3 buildings burned.
$h$ Records burned; the figures given are estimates.
$i$ Including transfers.
3 Not including 21 special teachers, whose time is divided among the different grades.
$k$ Included in other regular day schools.
$l$ Including kindergartens.

Table XIII.-PUBLIC SCHOOLS-Concluded.

| Mar- <br> ginal number. | Cities. | Public schools. |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Number of school buildings. |  |  | Number of school rooms. |  |  | Number of high sch'ls. | Teachers. |  |  |
|  |  |  | Rented. | Total. | $\begin{gathered} \text { In } \\ \text { build- } \\ \text { ings } \\ \text { owned } \\ \text { by } \\ \text { city. } \end{gathered}$ | Rented. | Total. |  | $\begin{aligned} & \text { In } \\ & \text { high } \\ & \text { sch}^{\prime} l \mathrm{~s} . \end{aligned}$ | $\begin{aligned} & \text { In } \\ & \text { kin- } \\ & \text { der- } \\ & \text { gar- } \\ & \text { tens. } \end{aligned}$ | $\begin{gathered} \text { In } \\ \text { other } \\ \text { regu- } \\ \text { lar } \\ \text { day } \\ \text { sch'ls. } \end{gathered}$ |
| 68 | Charleston, S.C. | 6 |  | 6 | 81 |  | 81 | 1 | 13 |  | 85 |
| 69 | Savannah, Ga ....... | 9 | 3 | 12 | 109 | 31 | 140 | 1 | 9 |  | 128 |
| 70 | Salt Lake City, Utah. | 24 | 3 | 27 | 276 | 33 | 309 | 1 | 24 |  | 277 |
| 71 | San Antonio, Tex.... | 16 | 5 | 21 | 119 | 10 | 129 | 1 | , |  | 127 |
| 72 | Duluth, Minn ....... | 32 |  | 32 | 302 |  | 302 | 1 | 20 | 24 | 232 |
| 73 | Erie, Pa ...... | 18 | 1 | 19 | 164 | 2 | 166 | 1 | 19 | 7 | 184 |
| 74 | Elizabeth, N.J. | 10 |  | 10 | 130 |  | 130 | 1 | 19 |  | 125 |
| 75 | Wilkesbarre, Pa ..... | 20 |  | 20 | 183 |  | 183 | 1 | 17 |  | 159 |
| 76 | Kansas City, Kans... | 22 |  | 22 | 175 |  | 175 | 1 | 19 |  | 159 |
| 77 | Harrisburg, Pa ...... | 25 |  | 25 | 188 |  | 188 | 1 | 22 |  | 179 |
| 78 | Portland, Me | 35 |  | 35 | 220 |  | 220 | 2 | 28 | 12 | 193 |
| 79 | Yonkers, N, Y ........ | 14 | 1 | 15 | 188 | 2 | 185 |  | 16 | 10 | 166 |
| 80 | Norfolk, Va........... | 12 |  | 12 | 88 |  | 88 | 1 | 8 |  | 78 |
| 81 | Waterbury, Conn.... | 18 |  | 18 | a 166 |  | a 166 | 1 | 18 |  | 169 |
| 82 | Holyoke, Mass....... | 18 | 1 | 19 | 175 | 1 | 176 | 1 | 22 | 18 | 154 |
| 83 | Fort Wayne, Ind .... | 16 | 1 | 17 | 141 | 2 | 143 | 1 | 11 | 3 | 140 |
| 84 | Youngstown, Ohio .. | 21 |  | 21 | 165 |  | 165 | 1 | 15 |  | 151 |
| 85 | Honston, Tex........ | 15 | 7 | 22 | 107 | 14 | 121 | 2 | 19 |  | 116 |
| 86 | Covington, Ky....... | 7 | 6 | 13 | 94 | 6 | 100 | 1 | 6 | 12 | 88 |
| 87 | Akron, Ohio . . . . . . . . | 17 |  | 17 | 174 |  | 174 |  | 22 | 8 | 160 |
| 88 | Dallas, Tex ........... | 13 |  | 13 | 128 |  | 128 | 2 | 9 |  | 112 |
| 89 | Saginaw, Mich . . . . . | 26 |  | 26 | 217 |  | 217 | 2 | 29 |  | 180 |
| 90 | Lancaster, Pa. . . . . . . | 19 |  | 19 | 120 |  | 120 | 1 | 14 |  | 106 |
| 91 | Lincoln, Nebr ....... | 18 | 1 | 19 | 152 | 3 | 155 | 1 | 32 | 30 | 119 |
| 92 | Brockton, Mass...... | 28 |  | 28 | 148 |  | 148 | 1 | 21 |  | 164 |
| 93 | Binghamton, N. Y ... | 16 |  | 16 | 194 |  | 194 | 1 | 22 | 14 | 166 |
| 94 | Augusta, Ga........ | 10 | 3 | 18 | 87 | 11 | 98 | 1 | 8 | 8 | 91 |
| 95 | Pawtucket, R.I. ..... | 28 |  | 28 | 141 |  | 141 | $b 2$ | 22 | 15 | 129 |
| 96 | Altoona, Pa......... | 12 |  | 12 | 151 |  | 151 | 1 | 10 |  | 146 |
| 97 | Wheeling, W. Va .... | 12 |  | 12 | 145 |  | 145 | 2 | 12 |  | 133 |
| 98 | Mobile, Ala.......... | 11 |  | 11 | 78 |  | 73 | 3 | 11. |  | 67 |
| 99 | Birmingham, Ala ... | 6 | 2 | 8 | 78 | 12 | 90 | 2 | 10 |  | 85 |
| 100 | Little Rock, Ark..... | 15 |  | 15 | a 82 |  | $a 82$ | 2 | 9 |  | 78 |
| 101 | Springfield, Ohio .... | 17 |  | 17 | 150 |  | 150 | 1 | 18 | 1 | 147 |
| 102 | Galveston, Tex ...... | 8 |  | 8 | 88 |  | 88 | 2 | 9 |  | 73 |
| 103 | Tacoma, Wash...... | 20 |  | 20 | 175 |  | 175 | 1 | 19 |  | 176 |
| 104 | Haverhill, Mass ..... | 37 |  | 37 | 144 |  | 144 |  | 18 | 2 | 139 |
| 105 | Sporane, Wash ...... | 18 |  | 18 | 140 |  | 140 | 1 | 18 | 15 | 135 |
| 106 | Terre Haute, Ind.... | 18 | 3 | 21 | 171 | 14 | 185 | 1 | 23 | 13 | 153 |
| 107 | Dubuque, Iowa...... | 14 | 5 | 19 | 114 | 11 | 125 | 1 | 14 | 10 | 114 |
| 108 | Quincy, Ill $\ldots . . . .$. | 13 |  | 18 | 100 |  | 100 | 1 | 9 |  | 109 |
| 109 | South Bend, Ind..... | 10 | 2 | 12 | 108 | 2 | 110 | 1 | 12 | 12 | 102 |
| 110 | Salem, Mass ......... | 20 |  | 20 | 108 |  | 108 |  | 17 | 6 | . 111 |
| 111 | Johnstown Pa ....... | 24 |  | 24 | 152 |  | 152 | 1 | 10 |  | 136 |
| 112 | Elmira, N. Y.......... | 11 |  | 11 | 135 |  | 135 | 1 | 16 |  | 135 |
| 118 | Allentown, Pa....... | 15 |  | 15 | 119 |  | 119 | 1 | 10 |  | 113 |
| 114 | Davenport, Iowa .... | 16 |  | 16 | 168 |  | 168 | 1 | 16 |  | 168 |
| 115 | McKeesport, Pa..... | 12 | 3 | 15 | 148 | 6 | 154 | 1 | '8 |  | 125 |
| 116 | Springfield, Ill ....... | a 14 | 1 | a 15 | e 118 | 3 | e 121 | 1 | 17 |  | 123 |
| 117 | Chelsea, Mass........ | 12 |  | 12 | 116 |  | 116 | 1 | 20 |  | 118 |
| 118 | Chester, Pa ........... | 22 |  | 22 | 124 |  | 124 | , | 18 |  | 125 |
| 119 | York, Pa............. | 22 |  | 22 | 146 |  | 146 | , | 12 |  | 118 |
| 120 | Malden, Mass......... | 19 | 1 | 20 | 151 | 1 | 152 | 1 | 22 | i1 | 147 |
| 121 | Topeka, Kans......... | 25 |  | 25 | 160 |  | 160 | 1 | 20 |  | 133 |
| 122 | Newton, Mass ....... | 26 |  | 26 | 148 |  | 148 |  | 28 | 32 | 134 |
| 123 | Sioux City, Iowa .... | d 24 |  | d24 | $f 161$ |  | $f 161$ | 1 | 16 |  | 145 |
| 124 | Bayonne, N.J ....... | 8 | 2 | 10 | 124 | 8 | 132 | 1 |  | (d) | h 143 |
| 125 | Knoxville, Tenn .... | 13 |  | 13 | 82 |  | 82 | 2 | 12 | (b). | 78 |
| 126 | Schenectady, N. Y... | 7 |  | 7 | 76 |  | 76 | 1 | 12 | 5 | 76 |
| 127 | Fitchburg, Mass ..... | 19 |  | 19 | 188 |  | 138 | 1 | 24 |  | 79 |
| 128 | Superior, Wis........ | 11 | 8 | 19 | 138 | 15 | 158 | 2 | 18 | 24 | 120 |
| 129 | Rockford, Ill ......... | 17 |  | 17 | 122 |  | 122 | 1 | 16 |  | 180 |
| 130 | Taunton, Mass ...... | 38 |  | 38 | 181 |  | 131 | 1 | 12 |  | 126 |
| 131 | Canton, Ohio ......... | 15 |  | 15 | 186 |  | 136 | 2 | 19 | 2 | 124 |
| 132 | Butte, Mont ........... | 7 |  | 7 | 105 |  | 105 | 1 | 19 |  | 99 |
| 133 | Montgomery, Ala.... |  |  | 9 | 57 |  | 64 | 2 | 7 |  | 57 |
| 134 | Auburn, N. Y ........ | 14 |  | 14 | 112 |  | 112 | 1 | 12 | 2 | 109 |
| 135 | Chattanooga, Tenn.. | 7 |  | 7 16 | 98 101 |  | 19868 | 2 | 110 |  | 387 |
| 137 | East St, Louis, Ill . . . |  |  | 16 24 | 101 |  | 106 115 | 1 | 10 |  | 114 |
|  |  |  |  |  |  |  |  |  |  |  |  |

[^10]a Not including 1 building not in use.
e Not including 2 rooms not in use.
$f$ Not including 1 room not in use.

Table XIII.—PUBLIC SCHOOLS-Concluded.

\begin{tabular}{|c|c|c|c|c|c|c|c|c|c|c|c|c|}
\hline \multicolumn{12}{|c|}{Public schools.} \& \multirow{4}{*}{\[
\begin{aligned}
\& \text { Mar- } \\
\& \text { ginal } \\
\& \text { num- } \\
\& \text { ber. }
\end{aligned}
\]} \\
\hline \multicolumn{2}{|l|}{Teachers.} \& \multicolumn{10}{|c|}{Pupils.} \& \\
\hline \multirow[b]{2}{*}{\[
\left|\begin{array}{c}
\text { In } \\
\text { night } \\
\text { schools. }
\end{array}\right|
\]} \& \multirow[b]{2}{*}{In all other
public schools} \& \multicolumn{5}{|c|}{Number.} \& \multicolumn{5}{|c|}{Average attendance.} \& \\
\hline \& \& \[
\underset{\text { shigh }}{\text { schools. }}
\] \& \[
\begin{aligned}
\& \text { In } \\
\& \text { kin- } \\
\& \text { der- } \\
\& \text { gar- } \\
\& \text { tens. }
\end{aligned}
\] \& \[
\left|\begin{array}{c}
\text { In } \\
\text { other } \\
\text { regular } \\
\text { day } \\
\text { schools. }
\end{array}\right|
\] \& \[
\begin{gathered}
\text { In } \\
\text { night } \\
\text { schools }
\end{gathered}
\] \& In all other public
schools. \& \[
\begin{gathered}
\text { In } \\
\text { sigh } \\
\text { schools. }
\end{gathered}
\] \& \[
\left|\begin{array}{c}
\text { In } \\
\text { kin- } \\
\text { der- } \\
\text { gar- } \\
\text { tens. }
\end{array}\right|
\] \& \[
\left\lvert\, \begin{gathered}
\text { In } \\
\text { other } \\
\text { regular } \\
\text { day } \\
\text { schools. }
\end{gathered}\right.
\] \& \[
\underset{\text { night }}{\text { nighols. }}
\] \& In all other public schools. \& \\
\hline \& \& 521 \& \& 8,319 \& \& \& 325 \& \& 5,893 \& \& \& 8 \\
\hline \& \& 262 \& \& 6,194 \& \& \& 223 \& \& 4,981 \& \& \& 69 \\
\hline \& \& 780 \& \& 12,199 \& \& \& 626 \& \& 9, 209 \& \& \& 70 \\
\hline \& \& 217 \& \& 7,622 \& \& \& 169 \& \& 5, 891 \& \& \& 71 \\
\hline \& \& 570
533 \& \({ }_{214}^{888}\) \& 10,029 \& 207 \& \& 484 \& 384 \& 7,650 \& 85 \& \& 72 \\
\hline \& \& 539
359 \& 214 \& 6,821 \& 20 \& \& 4302 \& \& 5,078 \& 8 \& \& 7 \\
\hline \& \& 751 \& \& 8,148 \& 784 \& \& 501 \& \& 6,712 \& 349 \& \& 75 \\
\hline \& \&  \& \& 8,969
888 \& \& \& 514 \& \& 6,441 \& \& \& 76 \\
\hline \& \& 715 \& 407 \& 9,384
7,445 \& \& 124 \& 567
614 \& 210 \& 6, 277
5,587 \& 158 \& 60 \& 77
78 \\
\hline 17 \& \& 493 \& 700 \& 6,460 \& 565 \& \& 376 \& 381 \& 4,741 \& 264 \& \& 79 \\
\hline \& \& 493 \& \& 7,194 \& 394 \& \& 423 \& \& 5,820 \& 193 \& \& 81 \\
\hline \& \& 590 \& 372 \& 5,930 \& 964 \& \& 482 \& 158 \& 4,583 \& 532 \& \& 82 \\
\hline \& \& 461 \& 149 \& 6,783 \& \& 8 \& 405 \& 82 \& \({ }_{5}^{4}, 361\) \& \& \(\gamma\) \& 8 \\
\hline \& \& 710 \& \& 6,543 \& \& \& 677 \& \& 6,202 \& \& \& 85 \\
\hline \& \& 393 \& 597 \& 4,448 \& \& \& 313 \& 364 \& 3,407 \& \& \& 86 \\
\hline \& \& 698 \& 240 \& 9,194 \& 836 \& \& 591 \& 181 \& 5,515 \& 197 \& \& 87 \\
\hline \& \& 840 \& \& 6,226
7 \& \& \& 356
677 \& \& \({ }_{5}^{4,815}\) \& \& \& 88 \\
\hline \& \& 447 \& \& 5,897 \& 279 \& \& 375 \& \& 4,330 \& 184 \& \& 90 \\
\hline \& \& 1, 042 \& 878 \& 5,227 \& \& \& 792 \& 526 \& 3,838 \& \& \& 91 \\
\hline 19 \& \& \& \& \({ }_{6}^{6,668}\) \& 529 \& \& \& \& 6,048
4,890 \& 275 \& \& 92 \\
\hline \& \& 605
206 \& \({ }_{200}^{685}\) \& 6,073
5,309 \& \& \& 175 \& 300
160 \& 4,890
4,300 \& \& \& 94 \\
\hline \& \& 505 \& 328 \& 5,011 \& 721 \& \& 353 \& 258 \& 3,709 \& 327 \& \& 94
95 \\
\hline \& \& 384 \& \& 6,047 \& \& \& 341 \& \& 4,580 \& \& \& 96 \\
\hline \& ....... \& 310 \& \& 5,447 \& \&  \& 251 \& ...... \& 4, 154 \& \& \& 97 \\
\hline \& \& 342 \& \& 4,888 \& \& \& 298 \& \& 3,281 \& \& \& 99 \\
\hline \& \& 391 \& \& 5,103 \& \& \& 317 \& \& 3,695 \& \& \& 100 \\
\hline \& \& 685 \& \& 5,912 \& \& \& 551 \& 20 \& 4,852 \& \& \& 101 \\
\hline \& \& 210 \& \& 4,014 \& \& \& 179 \& \& 2,980 \& \& \& 102 \\
\hline \& \& 577 \& \& 6,902 \& \& \& 466 \& \& 5,332 \& \& \& 103 \\
\hline \& \& 5536 \& 1, \({ }^{665}\) \& 5,082
\(\mathbf{6}, 270\) \& 567 \& \& 459 \& 29
400 \& 3, 973
4,297 \& 338 \& \& 104 \\
\hline \& \& 666 \& 518 \& 5,706 \& \& \& 519 \& 403 \& 4,381 \& \& \& 106 \\
\hline \& \& \[
487
\] \& 436 \& 4,068 \& \& \& 385 \& 198 \& 3,245 \& \& \& 107 \\
\hline \& \& 272
370 \& \& 4,556
3,913 \& \& \& 231 \& \& 3,241 \& \& \& 108 \\
\hline \& \& 370
474 \& 158 \& 3,913
4,380 \& 447 \& \& 301
413 \& 185 \& 2,996 \& \& \& 110 \\
\hline c 10 \& \& 246 \& \& 6,235 \& c 415 \& \& 207 \& \& 4,938 \& c 170 \& \& 111 \\
\hline \& \& 685 \& \& \& \& \& 533 \& \& \& \& \& 112 \\
\hline \& \& \& \& 4,972 \& 131 \& \& 315 \& \(\cdots\) \& 4,574 \& 104 \& \& 111 \\
\hline \& \& \[
\begin{aligned}
\& 478 \\
\& 192
\end{aligned}
\] \& \& 6,018
6,301 \&  \& 629 \& 368 \& \& 4,786 \& \& 594 \& 114 \\
\hline \& \& 635 \& \& 5,241 \& \& \& 512 \& \& 3,907 \& \& \& 116 \\
\hline \& \& 437 \& \& 5,864 \& 457 \& \& 357 \& \& 4,703 \& 136 \& \& 117 \\
\hline \& \& 434 \& \& 5,107 \& \& \& 251 \& \& 3,845 \& \& \& 118 \\
\hline \& \& 569 \& 248 \& 5,274 \& 341 \& \& 463 \& 159 \& 4,627 \& 198 \& \& 120 \\
\hline \& \& 795 \& \& 6,496 \& \& \& 590 \& \& 5,120 \& \& \& 121 \\
\hline \& \& 747 \& 785 \& 4,569 \& \& \& 673 \& 400 \& 4,138 \& 57 \& \& 122 \\
\hline \& \& 146 \& (o) \({ }^{\circ}\) \& h 5,878 \& 414 \& \& 113 \& \& \({ }_{\text {h }}\) \& 134 \& \& 124 \\
\hline \& \& 441 \& () \& 4,880 \& \& \& 377 \& \& 3,716 \& \& \& 125 \\
\hline \& 1 \& 180 \& 264 \& 3,584 \& \& 12 \& 151 \& 123 \& 2,452 \& \& 11 \& 126 \\
\hline \& \& 548
280 \& \& 3,733
4,863 \& \& \& 491 \& \& 3,086 \& 216 \& \& 127 \\
\hline \& \& 5288 \& 1,094 \& \begin{tabular}{l} 
5, \({ }^{4,473}\) \\
\hline
\end{tabular} \& \& \& 508 \& 572 \& 3, 938
4,290 \& \& \& 129 \\
\hline 15 \& \& 450 \& \& 4,492 \& 409 \& \& 384 \& \& 3,648 \& 315 \& \& 130 \\
\hline \& \& 523 \& 185 \& 5,824 \& \& \& 410 \& 82 \& 4,403 \& \& \& 131 \\
\hline \& \& 212 \& \& 2,546

2,529 \& \& \& 186 \& \& - 1,386 \& \& \& 133 <br>
\hline \& \& 351 \& 76 \& 3, 368 \& \& \& 320 \& 35 \& 2,681 \& \& \& 134 <br>
\hline \& \& 317 \& \& 4,717 \& \& \& 250 \& \& 3,056 \& \& \& 135 <br>

\hline \& \& 277 \& \& 4,180 \& \& $$
\cdots
$$ \& ${ }_{503}^{248}$ \& \& 3,246 \& \& \& 136 <br>

\hline \& \& 682 \& \& 5, 554 \& \& \& \& \& 4,253 \& \& \& 137 <br>

\hline \multicolumn{6}{|l|}{| $g$ Included in other regular day schools. |
| :--- |
| $n$ Including kindergartens. |} \& \multicolumn{7}{|c|}{| $i$ Not including 1 supernumerary. |
| :--- |
| $j$ Not including 5 supernumeraries. |} <br>

\hline
\end{tabular}

Table XIV.-PUBLIC LIBRARIES.

$a$ Not reported. $\quad b$ Not including 2 libraries not reported. $\quad c$ Held in trust for city.

Table XIV.-PUBLIC LIBRARIES-Concluded.

| $\begin{gathered} \text { Mar- } \\ \text { ginal } \\ \text { num- } \\ \text { ber. } \end{gathered}$ | Cities. | $\left.\begin{array}{\|c\|} \text { Number } \\ \text { of } \\ \text { munici- } \\ \text { pal } \\ \text { libraries. } \end{array} \right\rvert\,$ | Volumes. |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Number. | $\begin{gathered} \text { Number } \\ \text { added } \\ \text { during the } \\ \text { year. } \end{gathered}$ | Withdrawn. |  |
|  |  |  |  |  | $\begin{aligned} & \text { For home } \\ & \text { use. } \end{aligned}$ | For use in reading rooms. |
| 75 | Wilkesbarre, Pa. |  |  |  |  |  |
| 76 | Kansas City, Kans |  |  |  |  |  |
| 77 | Harrisburg, Pa.... | 1 |  |  |  |  |
| 79 | Yonkers, N . Y . | 1 | 16,150 | a1,259 | a 69,627 | (b) |
| 80 | Norfolk, Va ... |  |  |  |  |  |
| 81 | Waterbury, Conn |  |  |  |  |  |
| 88 | Holyoke, Mass | 1 | 11,728 | 737 | 45,646 |  |
| 84 | Youngstown, Ohio |  |  | 7 | 4, ${ }^{\text {a }}$ |  |
| 85 | Houston, Tex ..... |  |  |  |  |  |
| 86 | Covington, Ky |  |  |  |  |  |
| 87 88 | Akron, Ohio... Dallas Tex | 1 | 20,357 11,000 | 11,623 | 59,530 c42,413 | $\left({ }_{\text {b }}{ }^{\text {b }}\right.$ ) |
| 888 | Saginaw, Mich | $\stackrel{1}{2}$ | 11, 20,583 | 11,000 822 | c.42, d |  |
| 90 | Lancaster, Pa |  |  |  |  |  |
| 91 | Lincoln, Nebr. | 1 | 11,637 | 2,348 | 92,145 123,270 | 6,456 7,000 |
| 93 | Binghamton, N . | 1 | 13,806 | $\begin{array}{r}3 \\ \hline\end{array}$ | 72,600 | 7,000 |
| 94 | Augusta, Ga... | 1 | 19,762 | 712 | 50,294 |  |
| 96 | Altoona, Pa .. | 1 | 19, 7 | 72 | 50,234 |  |
| 97 | Wheeling W. | 1 | 18,486 | 758 | 62, 904 | 14,139 |
| 99 | Birmingham, Ala | e2 | 9,600 | (b) | (b) | (b) |
| 100 | Little Rock, Ark |  |  |  |  |  |
| 101 | Springfield, Ohio | 1 | 19,453 | 965 | (b) 515 | (b) |
| 103 | Tacoma, Wash | 1 | 22, 000 | 2,864 | 89,736 |  |
| 104 | Haverhill, Mass. | 1 | 70, 000 | 5,000 | 146,529 | (8,000 |
| 105 | Spokene, Wash... | 1 | 7,600 18,275 | ${ }_{(8)}^{(, 275}$ | 62,641 | ${ }^{(b)} 6,720$ |
| 107 | Dabuque, Iowa.. |  |  |  |  |  |
| 108 | Quincy, Ill ..... | 91 | 26,950 | 1,137 | 57,889 | (b) 0,017 |
| 109 | South Bend, Ind Salem, Mass.... | 1 | 9,450 41,994 |  | 34,584 111,099 | (b) 6,208 |
| 111 | Johnstown, Pa |  |  |  |  |  |
| 112 | Elmira, N. Y |  |  |  |  |  |
| 113 | Allentown, Pa ... |  |  |  |  |  |
| 114 | Davenport, Iowa. |  |  |  |  |  |
| 115 | McKeesport, Pa. |  |  |  |  |  |
| 116 | Springfield, ill. | 1 |  | 4,079 | $103,423$ | $98,793$ |
| 117 | Chester, Pa .... | 1 | 17,503 | 906 | $74,498$ | $5,824$ |
| 119 | York, Pa | 1 | $\bigcirc$ | 529 | -9,976 | (b) ${ }^{\text {a }}$ |
| 121 | Malden, Mass. | 1 | ${ }^{39,913}$ | 2,780 | 135, 387 | (b,727 |
| 122 | Topeka, Kans.. | 1 | 20,993 61,423 | 3,642 | 82,476 160,935 | (b) |
| 123 | Sioux city, Iowa | 1 | 15,297 | 1,094 | 56,612 | (b) |
| 124 | Bayonne, N. J... | 1 | 11,040 | 399 | 43,545 | 224 |
| 126 | $\underset{\text { Knox ville, Tenn. }}{\text { Schendy }}$ |  |  |  |  |  |
| 127 | Fítchburg, Mass . |  | 39,228 | 1,759 | 77,181 | 6,564 |
| 128 | Superior, Wis | 1 | 14,021 | 186 | 43,216 |  |
| 129 | Rockford, M11.. | 1 | 36,830 | 1,804 | 105,603 | $23,660$ |
| 130 | Taunton, Mass | 1 | 49,680 | 1,697 | 86,981 |  |
| 132 | Butte, Mont. | 1 | 29,439 | 1,128 | 94,245* | 47,109 |
| 133 | Montgomery, Ala |  |  |  |  |  |
| 135 | Chattanooga, Tenn |  |  |  |  |  |
| 136 | East St. Louis, Ill | 1 | 16,795 | 1,676 | 49,402 | 2,957 |
| 137 | Joliet, Ill......... | 1 | 18,428 | 1,870 | 73,271 | 10,263 |

## a Data are for 9 months. <br> b Not reported. <br> $c$ Data are for 6 months. <br> $d$ Data are for 10 months.

e School libraries open to public.
$f$ Net loss, 150 .
${ }_{0}$ Owned by library association, controlled by

Table XV.-CHARITIES: ALMSHOUSES, ORPHAN ASYLUMS, AND HOSPITALS.

|  | Cities. | Almshouses. |  | Orphan asylums. |  | Hospitals. |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| ginal num ber. |  | Number. | Average number of in- mates. $\qquad$ | Number. | Average number of in- mates. mates | Number. | $\begin{gathered} \text { Number } \\ \text { of pa- } \\ \text { tients } \\ \text { treated. } \end{gathered}$ |
| 1011111213141516171819202122232424252627282930318233343435363738394041424344454546474849505162 | New Y | 3 | 3,646 |  |  | 11 | 53,991 |
|  | Chicazo, 11. | ${ }^{4}$ |  |  |  |  |  |
|  | St. Louils, Mo... | 1 | 1,767 |  |  | ${ }^{2}$ | e14, 4191 |
|  | Boston, Mass | 2 | 732 |  |  |  | 42,168 |
|  | Cleveland, Ohio. | 1 | , 366 |  |  | 43 | i,658 |
|  | Buffalo, N. Y ... |  |  |  |  | 1 |  |
|  | San Francisco, Cal |  |  |  |  | $\begin{array}{r}\text { f } \\ \hline 1\end{array}$ | 15,723 5,475 |
|  | ${ }^{\text {Pittsburg, }} \mathrm{Pa}$ - | 1 | 597 |  |  | ${ }^{1} 1$ |  |
|  | Detroit, Mich. |  |  |  |  | $\mathrm{bi}^{1}$ | i4i |
|  | Milwaukee, Wis |  |  |  |  |  |  |
|  | Nashington, D. ${ }^{\text {N }}$ | 1 | 208 |  |  | d 1 1 | 1,489 1,980 |
|  | Jersey City, N. J. |  |  |  |  | 1 | 2,433 |
|  | Louisville M K K ${ }^{\text {a }}$ | 1 | 325 |  |  | ${ }^{2} 2$ | 2,678 |
|  | Providenee, R I. | 1 | 99 |  |  |  |  |
|  | Indianapoils, |  |  |  |  |  | 1,657 |
|  | St. Paul, Min | ai | 108 | ..... |  | ${ }^{\text {d2 }}$ | 2,319 |
|  | Denver, Colo. |  |  |  |  |  | 730 |
|  | Toledo, Onio. | 1 |  |  |  |  |  |
|  | Columbus, Ohio | 1 | 382 |  |  |  |  |
|  | Worcester, Mass | 1 | 238 |  |  | $a_{2}$ <br> $b_{1}$ |  |
|  | New Haven, Co |  |  |  |  |  |  |
|  | Paterson, N , J. | 1 | 175 |  |  |  |  |
|  | St. Joseph, Mo. |  |  |  |  |  | 600 657 |
|  | Omaha, Nebr. |  |  |  |  | ${ }_{1}{ }_{1}^{1}$ |  |
|  | Memphis, Tenn |  |  |  |  |  | 2,393 |
|  | Scranton, Pa | 1 | 429 |  |  |  |  |
|  | Albany, N.Y. | 1 |  |  |  |  |  |
|  | Cambridge, Mass | 1 | 83 |  |  | k2 <br> ki <br> 1 | 199 |
|  | Atlanta, Ga. |  |  |  |  |  | 2,305 |
|  | Grand Rapids, |  |  |  |  |  |  |
|  | Dayton, ohio | 1 | $\begin{aligned} & 363 \\ & 233 \end{aligned}$ |  |  | $\stackrel{1}{2}$ |  |
|  | Nashville, Tenn |  |  |  |  | ${ }_{1}^{1}$ | ${ }_{2} \mathbf{1 , 5 3 0}$ |
|  | Hartford, Conn. | i | 2388 |  |  | ${ }_{61}$ |  |
|  | Winington, Deil.. |  |  |  |  |  |  |
|  | Camden, N. J.. |  |  |  |  |  |  |
|  | Trenton, N. J. |  | 182 | ..... |  | ${ }^{6} 1$ |  |
|  | Lynn, Mass.... | 1 | 103 |  |  | ${ }_{2} 2$ | ${ }_{212}$ |
|  | Lawrence, Mass .................... |  |  |  |  |  |  |
|  | New Bedford, Mass | 1 | ${ }_{25}^{225}$ |  |  | ${ }_{1} 1$ | ${ }_{37}$ |
|  | Des Moines, owa. |  |  |  |  | ${ }^{1}$ |  |
|  | Somerville, Mass | , | ${ }_{37}$ |  |  | 1 | 4 |
|  | Troy, N. Y ${ }_{\text {Hobl }}$ |  |  |  |  | ${ }^{1}$ |  |
|  | Evansvilie, ind |  |  |  |  |  |  |
|  | Manchester, N. H.. | 1 | 8 |  |  |  | 194 |
|  | Peoria, ili.............. |  |  |  |  | $b_{1}^{1}$ | 6 |

## a Including 2 idiot asylums.

${ }^{b}$ Hospital for contagious diseases.
c Including 3 almshouses in charge of overseers of poor in old townships of Germantown, Roxboro, and Lower Dublin.
d Including 1 hospital for contagious diseases.
e Including 1,084 insane persons.
$f$ Including 2 hospitals for contagious diseases.
$g$ Owned jointly by city and county.
$h$ Rented hospital for contagious diseases.
$i$ One hospital for contagious diseases and 1 emergency hospital in connection with the police department.
j Including 1,278 emergency cases.
$k$ Temporary contagious hospitals.
$l$ Not reported.
$m$ Data are for 3 months.
$n$ Hospitals for contagious diseases.

TABLE XV.-CHARITIES: ALMSHOUSES, ORPHAN ASYLUMS, AND HOSPITALS-Concluded.

|  | Cities. | Almshouses. |  | Orphan asylums. |  | Hospitals. |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{aligned} & \text { ginal } \\ & \text { num- } \\ & \text { ber- } \end{aligned}$ |  | Number. | Average number of in- mates. mates. | Number. | Average number of inmates. | Number. |  |
| 68 | Charleston, S. C. | 2 | 144 | 1 | 245 | 1 | 1,205 |
| 69 | Savannah, Ga. |  |  |  |  | $a 1$ | 160 |
| 70 | Salt Lake City Utah |  |  |  |  | $a 1$ | 185 |
| 71 | San Antonio, Tex.. <br> Duluth Minn |  |  |  |  | 82 | 850 |
| 72 | Duluth, Minn <br> Erie, Pa |  |  |  |  |  | 421 |
| 74 | Elizabeth, N. ${ }^{\text {N... }}$ | 1 | 58 | .......... |  | $a 1$ | 10 |
| 75 | Wilkesbarre, Pa. |  |  |  |  |  |  |
| 76 | Kansas City, Kans. |  |  |  |  |  |  |
| 77 | Harrisburg, Pa .... |  |  |  |  | a 1 | 124 |
| 78 | Portland, Me. ${ }^{\text {(c) }}$ | 2 | 152 |  |  | a 1 | 147 48 |
| 80 | Norfolk, Va | 1 | 95 |  |  | $\boldsymbol{a} 1$ | 88 |
| 81 | Waterbury, Conn |  |  |  |  |  |  |
| 82 | Holyoke, Mass | 1 | 135 |  |  | $a 1$ | 1 |
| 83 84 | Fort Wayne, Ind. |  |  |  |  |  |  |
| 85 | Houston, Tex...... |  |  |  |  | 1 | 16 |
| 86 | Covington, Ky ... |  |  |  |  | $\cdots 1$ | 193 |
| 87 | Akron, Ohio.... |  |  |  |  |  |  |
| 88 | Dallas, Tex. Saginaw, Mich |  |  |  |  | 62 1 |  |
| 89 90 | Saginaw, Mich Lancaster Pa |  |  |  |  |  | (d) |
| 91 | Lincoln, Ṅebr. |  |  |  |  |  |  |
| 92 | Brockton, Mass... | 1 | 44 |  |  | (e) | 2 |
| 94 | Binghamton, N. Y |  |  |  |  | ${ }_{6} 1$ | , 296 |
| 95 | Pawtucket, R. | i | 26 |  |  | $a 1$ |  |
| 96 | Altoona, $\mathrm{Pa}_{\text {a }} \times \ldots$ |  |  |  |  |  |  |
| 97 98 | Wheeling, W. Va Mobile, Ala.... |  |  |  |  | 1 1 | f 61 |
| ${ }_{99}^{98}$ | Mobile, Ala........ |  |  |  |  |  | $f 442$ |
| 100 | Little Rock, Ark. |  |  |  |  | 1 | 576 |
| 101 | Springfield, Ohio |  |  |  |  | 1 | 849 |
| 102 | Galveston, Tex. |  |  |  |  | a 1 | 1,039 30 |
| 104 | Haverhill, Mass | 1 | 87 |  |  |  |  |
| 105 | Spokane, Wash. |  |  |  |  | $a 1$ | 147 |
| 106 | Terre Haute, Ind. |  |  |  |  |  |  |
| 107 | Dubuque, Iowa. |  |  |  |  |  |  |
| 109 | Quancy Bend, Ind |  |  |  |  |  |  |
| 110 | Salem, Mass... | i | 114 |  |  | $a 1$ | .......... |
| 111 | Johnstown, Pa |  |  |  |  |  |  |
| 113 | Allentown, Pa |  |  |  |  | 01 | (d) |
| 114 | Davenport, Iowa |  |  |  |  |  |  |
| 115 | McKeesport, Pa |  |  |  |  |  |  |
| 116 | Springfield, 11 |  |  |  |  |  |  |
| 117 | Chelsea, Mass. |  |  |  |  | a 1 |  |
| 118 | Chester, Pa....... |  |  |  |  |  |  |
| 119 | York, Pa |  |  |  |  |  |  |
| 120 | Malden, Mass Topeka, Kans | 1 | 32 |  |  | $a 1$ | 168 |
| 122 | Newton, Mass. | 1 | 22 |  |  | a1 | 169 |
| 123 | Sioux City Iowa |  |  |  |  |  |  |
| 124 | Bayonne, N. J... |  |  |  |  | h2 | 112 |
| 126 | Schenectady, N. Y |  |  |  |  |  |  |
| 127 | Fitchburg, Mass. | 1 | 57 |  |  | ${ }_{2}$ | 327 |
| 128 | Superior, Wis. |  |  |  |  | a 1 | 402 |
| 129 | Rockford, Ill... |  |  |  |  | ${ }^{1} 1$ |  |
| 130 131 | Taunton, Mass | 1 | 45 |  |  | $a 1$ | 8 |
| 132 | Butte, Mont. |  |  |  |  |  |  |
| 133 | Montgomery, Ala |  |  |  |  | $a 1$ | 13 |
| 134 | Auburn, N. Y .... |  |  |  |  |  |  |
| 135 | Chattanooga, Tenn East St Louis III |  |  |  |  | $\begin{aligned} & 72 \\ & a 1 \end{aligned}$ | 644 742 |
| 136 137 | East St, Louis, Ill. |  |  |  |  | $a_{1}$ | 742 |
| 137 | Joliet, Ill..... |  |  |  |  |  |  |

[^11]gowned by city under private management; not including 1 new hospital not yet occupied. $h$ Including smallpox hospital, but not including new hospital, completed and moved into April, 1902.
$i$ One hospital for contagious diseases and 1 hospital owned jointly by city and county.

TABLE XVI.-COST OF WATER, GAS, AND ELECTRIC-LIGHT PLANTS OWNED AND OPERATED BY CITIES.

| Marginal number. | Cities. | Waterworks. |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | $\left.\begin{gathered} \text { Owned } \\ \text { and } \\ \text { operated } \\ \text { by city. } \end{gathered} \right\rvert\,$ | $\begin{aligned} & \text { Year } \\ & \text { built. } \end{aligned}$ | Year acquired by city. | Miles of mains. | Cost. |
| 1 | New York, N. Y | Yes. | (a) | (b) | 1,668. 43 | \$123, 012, 020 |
| 2 | Chicago, nl . | Yes. | 1851 | 1854 | 1,890.03 | 35, 310,099 |
| 3 | Philadelphia, Pa | Yes... | 1801 | (d) | 1,379. 03 | 37, 971,959 |
| 4 | St. Louis, Mo.... | Yes.... | 1835 | (d) | -669.00 | 21, 551, 600 |
| 5 | Boston, Mass. | Yes. | 1848 | (d) | 719.60 | 15, 782, 617 |
| 6 | Baltimore, Md | Yes. | 1808 | 1854 | 626.20 | 15, 035, 835 |
| 7 | Cleveland, Oh | Yes. | 1857 | (d) | 563.82 | 10, 735, 867 |
| 8 | Buffalo, N. Y. | Yes. | 1860 | 1868 | 490.00 | 9, 424, 404 |
| 9 | San Francisco, Cal | No.. |  |  |  |  |
| 10 | Cincinnati, Ohio. | Yes. | 1840 | (d) | 445. 49 | 13, 500,000 |
| 11 | Pittsburg, Pa | Yes.... | 1872 | (d) | 343.50 | 7,667, 824 |
| 12 | New Orleans, La. | No.. |  |  |  |  |
| 13 | Detroit, Mich ... | Yes.... | 1824 | 1836 | 571.53 | 6,313,757 |
| 14 | Milwaukee, Wis | Yes.... | 1872 | (d) | 359.98 | 5,068,443 |
| 15 | Washington, D.C | Yes.... | 1863 | (d) | $f 421.28$ | g10,464, 827 |
| 16 | Newark, N.J | Yes.... | 1890 | (d) | 304.50 | 9,963, 614 |
| 17 | Jersey City, N.J | Yes.... | 1854 | (d) | 212.62 | 5, 100, 000 |
| 18 | Louisville Ky | Yes.... | 1860 | (o) | 244.00 | $\cdot 6,163,926$ |
| 19 | Minneapolis, Minn | Yes.... | 1868 | (d) | 273.12 | 4,602,708 |
| 20 | Providence, R. I. | Yes.... | 1871 | (d) | 329.09 | 7,097,130 |
| 21 | Indianapolis, Ind | Yes.... | 1895 | 1897 | 4.40 | 27,750 |
| 22 | Kansas City, Mo | Yes.... | 1874 | 1895 | 204.00 | 4,175,600 |
| 23 | St. Paul, Minn | Yes.... | 1870 | 1882 | 252.00 | 4,049, 854 |
| 24 | Rochester, N. Y | Yes.... | 1873 | (c) | 348.37 | 7,463,129 |
| 25 | Denver, Colo | (e) | 1889 | 1894 | 42.00 | ,260,000 |
| 26 | Toledo, Ohio | Yes.... | 1873 | (d) | 177.06 | 1,912,731 |
| 27 | Allegheny, Pa | Yes.... | 1847 | (d) | 150.00 | 2,387,396 |
| 28 | Columbus, Ohio | Yes.... | 1871 | (d) | 182.00 | 2,381,027 |
| 29 | Worcester, Mass | Yes.... | 1845 | (d) | 178.18 | 3,729,545 |
| 30 | Syracuse, $\mathrm{N} . \mathrm{Y}$ | Yes.... | 1829 | 1891 | 169.58 | 4, 637, 412 |
| 31 | New Haven, Conn | No.. |  |  |  |  |
| 32 | Paterson, N.J.... | No. |  |  |  |  |
| 33 | Fall River, Mass | Yes. | 1874 | (d) | 90.30 | 1,964, 456 |
| 34 | St. Joseph, Mo | No.. |  |  |  |  |
| 35 | Omaha, Nebr | No.. |  |  |  |  |
| 36 | Los Angeles, Cal. | No. |  |  |  |  |
| 37 | Memphis, Tenn. | No. |  |  |  |  |
| 38 | Scranton, Pa. | No.. |  |  |  |  |
| 39 | Lowell, Mass | Yes. | 1873 | (d) | 129.37 | 2,912,228 |
| 40 | Albany, N.Y. | Yes. | 1799 | 1850 | 131. 50 | 3,531,678 |
| 41 | Cambridge, Mass | Yes. | 1856 | 1865 | 124. 29 | 5,702,428 |
| 42 | Portland, Oreg. | Yes. | 1857 | 1886 | $h 178.00$ | 4,063,846 |
| 43 | Atlanta, Ga... | Yes. | 1874 | (d) | 124.17 | 2,181, 860 |
| 44 | Grand Rapids, Mich | Yes.... | 1874 | (d) | 145.18 | 1,303,501 |
| 45 | Dayton, Ohio.. | Yes.... | 1870 | (d) | 122.20 | 1,578,300 |
| 46 | Richmond, Va | Yes.... | 1830 | 1831 | 103.41 | 2,323, 488 |
| 47 | Nashville, Tent | Yes.... | 1832 | (d) | 79.04 | 2,033, 912 |
| 48 | Seattle, Wash.. | Yes.... | (i) | (j) | 162.92 | 2,229, 266 |
| 49 | Hartford, Conn | Yes.... | 1854 | (d) | 131.15 | 3,178, 604 |
| 50 | Reading, Pa ... | Yes. | 1865 | (d) | 101. 21 | 1,937,762 |
| 51 | Wilmington ${ }^{\text {D }}$ Del | Yes. | 1827 | (d) | 106.20 | 1, 875,734 |
| 52 | Camden, N. J | Yes.... | (c) | (l) | 110.00 | 2,519,347 |
| 53 | Trenton, N.J | Yes. | 1802 | 1859 | 126.37 | 1,650,848 |
| 54 | Bridgeport, Conn | No.. |  |  |  |  |
| 55 | Lynn, Mass .. | Yes. | 1870 | (d) | m 131.81 | 2,487,371 |
| 56 | Oakland, Cal .. | No..... |  |  |  |  |
| 57 | Lawrence, Mass | Yes.. | 1874 | (d) | 80.41 | 2,070,723 |
| 58 | New Bedford, Mass | Yes. | 1866 | (d) | 94.89 | 3,159,053 |
| 59 | Des Moines, Iowa. | No.. |  |  |  |  |
| 60 | Springfield, Mass | Yes... | ( ${ }^{1}$ ) |  | 146.30 | $2,141,263$ |
| 61 | Somerville, Mass | Yes.... | 1868 | (d) | 84.50 | $780,690$ |
| 62 | Troy, N. Y ...... | Yes.... | 1833 | (d) | 79.16 | 1,856, 774 |
| 63 | Hoboken, N.J | Yes.... | 1857 | (d) | 23.00 | 260,000 |
| 64 | Evansville, Ind. | Yes.... | 1900 | (d) | 72.00 | 1,000,000 |
| 65 | Manchester, N. H | Yes.... | 1873 | (d) | 100.23 | 1,524,999 |
| 66 | Utica, N. Y.. | No..... |  |  |  |  |
| 67 | Peoria, Ill . | No. |  |  |  |  |

a Four plants: 1842, 1852, 1874, 1897.
b Four plants: 1 aequired in 1857; 3 built by city.
c Not reported.
d Built by city.
e Owned by city, but leased to private company.
$f$ Including 18 miles of conduitand 21 miles of mains owned by United States Government.
$g$ Including $\mathbf{8 7}, 985,730$ expended by United States Government.
$h$ Including 31 miles from source of supply to city limits.

Table XVI.-COST OF WATER, GAS, AND ELECTRIC-LIGHT PLANTS OWNED AND OPERATED BY CITIES.

| Gas works. |  |  |  |  | Electric-light plants. |  |  |  |  | Mar- <br> ginal <br> num- <br> ber. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Owned and operated by city. | Year built. | Year acquired by city. | Miles of mains. | Cost. | Owned and operated <br> by city. | Year built. |  | Miles of mains. | Cost. |  |
| No.. |  |  |  |  | No. |  |  |  |  |  |
| No.. |  |  |  |  | Yes. | (c) | (d) | 850.00 | \$2,234,642 |  |
| No. ${ }^{(e)}$ | 1836 | (d) | 1,230.50 | \$37, 402,821 | No. |  |  |  |  |  |
| No.. |  |  |  |  | No...... |  |  |  |  |  |
| No. |  |  |  |  | No.. |  |  |  |  |  |
|  |  |  |  |  | No. |  |  |  |  |  |
| No. |  |  |  |  | No. |  |  |  |  |  |
|  |  |  |  |  | No. |  |  |  |  |  |
| N |  |  |  |  | No. |  |  |  |  | 1 |
|  |  |  |  |  |  |  |  |  |  | 11 |
| No. |  |  |  |  | Yes. | 1895 | (d) | 481.00 | 851,655 | 13 |
| No. |  |  |  |  | No.. |  |  |  |  | 14 |
| No. |  |  |  |  | No..... |  |  |  |  | 15 |
| No. |  |  |  |  | No..... |  |  |  |  | 7 |
|  |  |  |  |  | No. |  |  |  |  | 8 |
| No. |  |  |  |  | No...... |  |  |  |  | 9 |
| No. |  |  |  |  | No.. |  |  |  |  | 20 |
| No. |  |  |  |  | No...... |  |  |  |  | 1 |
|  |  |  |  |  |  |  |  |  |  | $\stackrel{22}{23}$ |
| No. |  |  |  |  | No..... |  |  |  |  | 24 |
|  |  |  |  |  |  |  |  |  |  | 25 |
| Yee. | 1891 | (d) | 93.00 | 1,150,000 | No... |  |  |  |  | 26 27 |
| No. |  |  |  |  | Yes..... | (c) 1890 | (d) | ${ }_{(c)}^{269.16}$ | 400,812 68,911 | 28 |
| No. |  |  |  | ............ | No..... |  |  |  |  | 29 |
| No. |  |  |  |  | No...... |  |  |  |  | 30 31 |
| No. |  |  |  |  | No...... |  |  |  |  | 32 |
|  |  |  |  |  | No...... |  |  |  |  |  |
| No. |  |  |  |  | Yes..... | 1889 | (d) | 109.00 | 98,752 | 34 |
| No. |  |  |  |  | No.... |  |  |  |  | 35 |
| No. |  |  |  |  | No...... |  |  |  |  | 36 37 |
| No. |  |  |  |  | No...... |  |  |  |  | 38 |
| No. |  |  |  |  | No...... |  | ..... |  |  | 39 |
|  |  |  |  |  | No..... |  |  |  |  |  |
| No. |  |  |  |  |  |  |  |  |  |  |
| No. |  |  |  |  | No..... |  |  |  |  | 43 |
| No. |  |  |  |  | Yes..... | 1899 | (d) | 101.70 | 193,309 | 44 |
| No... | 1850 | 1851 | 79.61 |  | No. |  |  |  |  | 4 |
| No... | 1800 | 181 | 79.61 | 94, 132 | No.. |  |  |  |  | 7 |
|  |  |  |  |  |  |  |  |  |  |  |
| No. |  |  |  |  | No. |  |  |  |  | 49 |
|  |  |  |  |  |  |  |  |  |  | 50 |
| No.... |  |  |  |  | No. |  |  |  |  | 51 |
| No... |  |  |  |  |  |  |  |  |  | 52 53 |
| No.. |  |  |  |  |  |  |  |  |  |  |
| No. |  |  |  |  | No...... |  |  |  |  | 55 |
| No..... |  |  |  |  | No...... |  |  |  |  | 56 |
| No...... |  |  |  |  | No..... |  |  |  |  | 57 58 |
| No...... |  |  |  |  |  |  |  |  |  | 58 59 |
| No...... |  |  |  |  |  |  |  |  |  | 60 |
| No. |  |  |  |  | No...... |  |  |  |  | 61 |
| No..... |  |  |  |  | No..... |  |  |  |  | 62 |
| No...... |  |  |  |  |  |  |  |  |  | 63 |
| No. |  |  |  |  | No |  |  |  |  | 65 |
| No. |  |  |  |  | No |  |  |  |  | ${ }_{67}^{66}$ |

## $i$ Two plants: 1885,1900

$j$ Two plants: 1 acquired in 1889; 1 built by city.
ic Two plants: 1 in 1899; 1 not reported.
${ }^{2}$ Two plants: 1 built by city; 1 acquired in 1870.
$m$ Including 19.08 miles outside city limits.
$n$ Three plants: $1864,1873,1890$.
o Three plants: 1 acquired in 1872; 2 built by city.

Table XVI.-COSt OF WATER, GAS, aND ELECTRIC-LIGHT PLANTS OWNED AND OPERATED BY CITIES-Concluded.

| $\begin{aligned} & \text { Mar- } \\ & \text { ginal } \\ & \text { num- } \\ & \text { ber, } \end{aligned}$ | Cities. | Waterworks. |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Owned and operated by city. | Year built | Year ac- quired by city. | Miles of mains. | Cost. |
| 68 | Charleston, S. C. | No. |  |  |  |  |
| 69 | Savannah, Ga . | Yes. | 18858 | (a) | 60.44 150.00 | $\$ 1,061,110$ $4,403,572$ |
| 70 | Salt Lake City Utah | Yos. | 1874 | (a) |  |  |
| 72 | Duluth, Minn | Yes. | 1896 | 1898 | 49.22 | 1,784,126 |
| 73 | Erie, Pa | Yes. | 1868 | (a) | 110.63 | 1, 821,099 |
| $\begin{aligned} & 74 \\ & 75 \end{aligned}$ | Wilkesbarre, Pa. | No. |  |  |  |  |
| 76 | Kansas City, Kans | No. |  |  |  |  |
| 77 | Harrisbury, Pa. | Yes | 1840 | (a) | 46.14 | 713,248 |
| 78 | Portland, Me. | No. | 1874 | (a) | 84.66 | 1,640,561 |
| 80 | Norfolk, Va | Yes. | 1872 | 1873 | 58.66 | 1,232, 813 |
| 81 | Waterbury, Con | Yes.. | 1866 | (a) | 57.84 | 1,470, 908 |
| 82 | Holyoke, Mass | Yes.. | 1878 | ( ${ }^{(1)}$ | 82.90 | 1, 295, 308 |
| 83 | Fort Wayne, Ind | Yes. | 1880 1872 | (a) | 86.97 | 790,109 735,209 |
| 85 | Houston, Tex | No. |  |  |  | 730, 209 |
| 86 | Covington, Ky | Yes | 1869 | (a) | 44.00 | 1,212,653 |
| 88 | Akron, Ohio. <br> Dallas, Tex | Yes. |  |  |  |  |
| 89 | Daginaw, Mich | Yes..... | 1878 187 | ${ }_{(a)} 1882$ | 208.00 86.00 | 1, 98098895 |
| 90 | Lancaster Pa.. | Yes. | 1836 | (a) | 87.30 | 872,022 |
| 91 | Lincoln, N ebr | Yes. | 1885 | a) | 58.01 | 411, 103 |
| 92 | Brockton, Mass | Yes. | 1880 | (a) | 68.75 | 947, 516 |
| 94 | Binghamton, N. Augusta, Ga.... | Yes. | 1867 1859 | (a) | 74.75 55.26 | 771,644 |
| 95 | Pawtucket, R | Yes. | 1876 | (a) | 148.62 | 1,866, 445 |
| ${ }_{97}^{96}$ | Altoona, Pa . | Yes. | 1860 | 1872 | ${ }^{658.25}$ | 697, 865 |
| 98 | Mheelling W. | Yes. | 1899 | $\left(\begin{array}{l}\text { a } \\ \text { a }\end{array}\right.$ | 42.00 97.21 | 803,092 688,350 |
| 99 | Birmingham, Ala | No. |  |  |  |  |
| 100 | Little Rock, Ark | No. |  |  |  |  |
| 101 | Springfeld, Ohio |  | 1881 |  | 60.50 49.05 | 707,577 $1,656,688$ |
| 103 | Tacoma, Wash | Yes. | 1883 | 1893 | 68.04 68.04 | $1,656,688$ 1,243 |
| 104 | Haverhill, Mass | Yes. | 1891 | (a) | 76.81 | 1,376,519 |
| 105 | Spokane, Wash | Yes. | 1885 | (a) | 70.60 | 1,326,761 |
| 107 | Dubuque, Iowa. | Yes | 1872 | 1900 | 62.00 | 506,9093 |
| 108 | Quincy, Ill ${ }^{\text {South }}$. |  |  |  |  |  |
| 109 110 | South Bend, Ind Salem, Mass | Yes | 1873 1869 | ( ${ }_{\text {a }}$ ) | 57.97 65.00 | 1,925,869 |
| 111 | Johnstown, Pa | No. |  |  |  |  |
| 112 | Elmira, N. Y. | No. |  |  |  |  |
| 113 | - Allentown, Pa. | Yes | 1865 | 1869 | 46.93 | 426, 374 |
| 114 | Davenport, Iow McK eesport, P8 | Yes | 1882 |  |  |  |
| 116 | Springfield, ill. | Yes | 1866 | (a) | 62.50 | 465,000 82500 |
| 117 | Chelsea, Mass. | Yes | 1867 | (a) | 38.45 | 488,204 |
| 118 | Chester, Pa | No.. |  |  |  |  |
| 119 | York, Pa..... | No.. |  |  |  |  |
| 120 | Malden, Mass. Topeka, Kans | Yes. | 1869 | (a) | 81.54 | 1,093,881 |
| 122 | Newton, Mass | Yes. | 1876 | (a) | 137.90 | 2,089, 285 |
| 123 | Sioux City, Iowa | Yes.... | 1885 |  | 50.04 | 463,587 |
| 124 | Bayonne, N. J .. | ${ }^{(d)}$ | 1884 | (a) | 34.83 | 299,757 |
| 125 | Knoxville, Tenn Schenectady, N. |  |  |  |  |  |
| 127 | Fitchburg, Mass | Yes | 1873 | (a) | 67.65 | 1, 437,775 |
| 128 | Superior Wis |  |  |  |  |  |
| 129 | Rockford, Taunton, Mass | Yes.... | $\begin{aligned} & 1875 \\ & 1876 \end{aligned}$ | (a) | 62.75 | -642,468 |
| 181 | Canton, Ohio. | Yes. | 1869 | (c) | 63.00 | 646,472 |
| 132 | Butte, Mont |  |  |  |  |  |
| 133 | Montgomery, Ala | Yes.... | $\begin{gathered} 1885 \\ 1856 \end{gathered}$ | $\begin{aligned} & 1898 \\ & 1894 \end{aligned}$ | 54.28 57.00 | $\begin{array}{r} 596,539 \\ 581 \end{array}$ |
| 135 | Chattanooga, Tenn | No. |  |  |  |  |
| 186 | East St, Louis, 111 | No. |  |  |  |  |
| 137 | Joliet, Ill.... | Yes. | 1883 | 1889 | 34.50 | 325,000 |

a Built by city.
b Including il miles outside city limits.

- Not reported.

TABLE XVI.-COST OF WATER, GAS, AND ELECTRIC-LIGHT PLANTS OWNED AND OPERATED BY CITIES-Concluded.

| Cas works. |  |  |  |  | Electric-light plants. |  |  |  |  | $\begin{array}{\|l\|l\|} \hline \text { Mar- } \\ \text { ginal } \\ \text { num- } \\ \text { ber. } \end{array}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Owned and operated by city. | $\begin{aligned} & \text { Year } \\ & \text { built. } \end{aligned}$ | Yearacquired by city. | Miles of mains. | Cost. | Owned and operated by city. | Year built. |  | Miles of mains. | Cost. |  |
| No.. |  |  |  |  | No. |  |  |  |  | 8 |
| No.. |  |  |  |  | No. |  |  |  |  | 69 |
| No. |  |  |  |  | No. |  |  |  |  | 70 |
| Yes. | -18906 | 1898 | 34.20 | \$1,780,971 | No. |  |  |  |  | 71 |
| No. |  |  |  | \$, 20,51 | No. |  |  |  |  | 73 |
| No. |  |  |  |  | No |  |  |  |  | 74 |
| No. |  |  |  |  | No |  |  |  |  | 75 |
| No. |  |  |  |  | No. |  |  |  |  | 6 |
| No. |  |  |  |  | No. |  |  |  |  | 77 |
| No. |  |  |  |  | No. |  |  |  |  | 78 |
| No. |  |  |  |  | No. |  |  |  |  | 8 |
|  |  |  |  |  |  |  |  |  |  | 1 |
| No.. |  |  |  |  | No. |  |  |  |  | 8 |
| No.. |  |  |  |  | No. |  |  |  |  |  |
| No.. |  |  |  |  | No. |  |  |  |  | 54 |
| No...... |  |  |  |  |  |  |  |  |  | 85 |
| No.. |  |  |  |  | No. |  |  |  |  | 77 |
| No.. |  |  |  |  | No. |  |  |  |  | 8 |
| No.. |  |  |  |  | No. |  |  |  |  | 89 |
| No. |  |  |  |  | No. |  |  |  |  | 90 |
| No. |  |  |  |  | No. |  |  |  |  | 91 |
| No. |  |  |  |  | No. |  |  |  |  | 98 |
| No.. |  |  |  |  | No. |  |  |  |  | 9 |
| No.. |  |  |  |  | No. |  |  |  |  | 5 |
| Yes. | $1800^{\circ}$ | 1875 | 40.00 | 409,710 | Yes. | 1892 |  |  |  |  |
| No.. |  |  |  | , | No.. |  |  |  |  |  |
| No. |  |  |  |  |  |  |  |  |  | 99 |
| No. |  |  |  |  | Yes.... | 1888 | (a) | 43.00 | 35,557 | 100 |
| No. |  |  |  |  | No.. |  |  |  |  | 101 |
| No. |  |  |  |  | Yes... | 1887 | 1893 | (c) | 502,230 | 103 |
| No. |  |  |  |  | No...... |  |  |  |  | 104 |
| No. |  |  |  |  | No. |  |  |  |  | 105 |
|  |  |  |  |  | No. |  |  |  |  | 106 |
| No. |  |  |  |  |  |  |  |  |  | 108 |
| No. |  |  |  |  | No. |  |  |  |  | 109 |
| No. |  |  |  |  | No. |  |  |  |  | 110 |
| No. |  |  |  |  | No. |  |  |  |  | 111 |
|  |  |  |  |  |  |  |  |  |  | 112 |
| No. |  |  |  |  | No.. |  |  |  |  | 114 |
| No... |  |  |  |  | No.. |  |  |  |  | 115 |
| No.. |  |  |  |  | Yes | 1890 | 1900 | (c) | (c) | 116 |
| No.. |  |  |  |  | No. |  |  |  |  | 118 |
| No. |  |  |  |  | No.. |  |  |  |  | 119 |
| No. |  |  |  |  |  |  |  |  |  | 120 |
| No. |  |  |  |  | Yes. | 1888 | (a) | 66.00 | 77,800 | 121 |
| No. |  |  |  |  | No. |  |  |  |  | 122 |
| No. |  |  |  |  |  |  |  |  |  | 124 |
|  |  |  |  |  | No. |  |  |  |  | 125 |
| No. |  |  |  |  | No. |  |  |  |  | 126 |
| No. |  |  |  |  | No. |  |  |  |  | 127 |
| No. |  |  |  |  | No. |  |  |  |  | 128 |
| No. |  |  |  |  | Yo..... | 1897 | (a) | 65.00 | 158,24 | 130 |
| No. |  |  |  |  | No. |  |  |  |  | 131 |
|  |  |  |  |  | No. |  |  |  |  | 132 |
|  |  |  |  |  |  |  |  |  |  | 134 |
| No.. |  |  |  |  | No. |  |  |  |  | 135 |
| No. |  |  |  |  | No..... |  |  |  |  | 136 137 |
| No.. |  |  |  |  | No.. |  |  |  |  | 137 |

d City owns distributing system only.
e TwO plants: 1871, 1894.
$f$ Two plants: 1 acquired in 1885; 1 built by city.

Table XVII.-BUILDING PERMITS.

| $\begin{aligned} & \text { Mar- } \\ & \text { ginal } \\ & \text { num.- } \\ & \text { ber. } \end{aligned}$ | Cities. | Building permits granted. |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | For new buildings. |  | For repairs, extensions, etc., to old buildings. |  |
|  |  | Number. | Proposed expenditure. | Number. | Proposed expenditure. |
| 1 | New York, N. Y | 7,657 | \$136, 051, 679 | 6,005 | \$14,020,960 |
| 2 | Chicago, Ill... | 6,053 | 34, 962, 775 | 6,863 | (a) |
| 3 | Philadelphia, Pa | b4, 273 | - $22,880,730$ | b 2,597 | d 4, 997, 365 |
| 4 | St. Louis, Mo.... | 2,713 | 11, 420,657 | 1, 103 | 1, 455,500 |
| 5 | Boston, Mass. | 1,352 | (a) ${ }^{\text {a }}$, 768 | 2,117 | (a) |
| ${ }_{6}^{6}$ | Baltimore, Md | 1,304 $\mathbf{1 , 8 3 1}$ | 4,763, 768 $e 6,232,882$ | $\begin{array}{r}563 \\ 1,205 \\ \hline\end{array}$ | ( ${ }_{\text {d }}$ ) |
| 8 | Buffalo, N. Y | ,679 | 3,732,097 | 379 | 606, 484 |
| 9 | San Francisco, Ca | (a) | (a) | (a) | (a) |
| 10 | Cincinnati, Oh | 548 3.705 | $2,848,215$ $19,188,680$ | 2,121 | 662,000 431,794 |
| 11 | Pew Orleans, | $\begin{array}{r}3,705 \\ 9 \\ \hline 1706\end{array}$ | 19, 1888 , 680 | (h) 790 | $\begin{gathered} 431,794 \\ \text { (f) } \end{gathered}$ |
| 13 | New Orleans, La | 91,706 $\mathbf{2 , 2 7 6}$ | $\begin{array}{r}\text { e } \mathbf{2}, 247 \\ 5 \\ \mathbf{5}, 358,192 \\ \hline 1800\end{array}$ | (h) | ( $f$ 623,900 |
| 14 | Milwaukee, Wis | 2,989 | 4, 282, 308 | 495 | 742,387 |
| 15 | Washington, D. C | 1,660 | $5,156,658$ | i1,340 | j868,230 |
| 16 | Newark, N. J | , 972 | 8,933,227 | 213 | 191, 700 |
| 17 | Jersey City, N. | ${ }^{655}$ | 2,685, 856 | 426 | 203, 818 |
| 18 | Louisville, Ky. | 1,451 | 1,755, 505 | 434 | 137, 410 |
| 19 | Minneapolis, Minn | 1,244 | 5,212, 737 | 2,073 | 808,230 |
| 20 | Providence, R. I. | 793 | 4,028,575 | 501 | 860,575 |
| 21 | Indianapolis, Ind | 02,501 | e 3, 744,969 | (h) | (f) ${ }^{\text {d9, } 153}$ |
| 22 | Kansas City, Mo St. Paul, Minn. | - $\begin{array}{r}1,805 \\ 01,373\end{array}$ | $5,193,485$ $e 4,261,400$ | (h) 407 | ${ }_{(f)}^{949,153}$ |
| 24 | Rochester, $\mathrm{N} . \mathrm{Y}$ | -1,493 | 1,868,571 | 255 | 336,773 |
| 25 | Denver, Colo | 1,214 | 3,693,265 | 339 | 318,681 |
| 26 | Toledo, Ohio | $\stackrel{(a)}{9} 661$ | ${ }^{\text {a }}$ ( $)$, 000 | (a) | (a) |
| 27 | Allegheny, Pa. | ${ }^{9661}$ | ${ }^{e}$ e 1, 1054,000 | (h) | (f) |
| 29 | Worcester, Mass |  | er ${ }^{1}, 1,773,492$ | ${ }_{296}$ | 249,980 |
| 30 | Syracuse, N. Y | 325 | 1,406,439 | 401 | 218,004 |
| 31 | New Haven, Conn | 175 | 1,429,285 |  | 244, 725 |
| ${ }_{32}$ | Paterson, N. J. | (a) |  | (a) |  |
| 33 | Fall River, Mass | 266 | 898,850 | 133 | 141,420 |
| 34 | St. Joseph, Mo. | 700 | 718,129 | 119 | 11,002 |
| 35 | Omaha, Nebr. | 364 | 1,119,699 | 276 | 507,605 |
| ${ }^{36}$ | Los Angeles, Cal | 1,932 | 3,798, 366 | ${ }^{798}$ | 300,832 |
| 37 | Memphis, Tenn | 1,158 | 2,557, 897 | 1,199 | ( ${ }^{307}$ ) 398 |
| 38 39 | Scranton, Pa | 490 | e1,776,768 | 114 | (f) |
| 40 | Albany, N. Y | 6249 | (a) | b2,039 |  |
| 41 | Cambridge, Mass | 292 | 2,800,620 | 275 | 528,160 |
| 42 | Portland, Oreg | ${ }^{0746}$ | e1,538,095 | (h) |  |
| 43 | Atlanta, Ga ....... | 1,030 | 2,558,720 | 1,665 | 298,428 |
| 44 | Grand Rapids, Mich | 484 | 1,058,180 | 316 | 277,243 |
| 45 | Dayton, Ohio. | g1,006 | (a) 100 |  |  |
| 46 | Richmond, Va. | - 213 | 149, 100 | 262 | 15,000 |
| 47 | Nashville, Tenn | ${ }^{94,741}$ | 847,323 | (h) | 120,805 |
| 48 | Seattle, Wash | 3,566 | 4, 218,449 | 2,303 | 351,279 |
| 49 | Hartford, Conn | 728 | 2, 370,900 | 134 | 120,600 |
| 50 | Reading, Pa. | 627 | 905,075 | 319 |  |
| 51 52 | Wilmington, Del | ${ }_{237}^{237}$ | 585, 902 | 231 | 423,812 |
| 52 53 | Camden, N. J | 250 |  | 281 |  |
| 53 54 | Trenton, N. J... | 268 | 886,760 | 105 | 139,612 |
| 54 55 | Bridgeport, Conn | ${ }_{231}^{331}$ | 1,104,107 | 64 | 86,150 |
| 55 | Lynn, Mass... | 233 | (a) | 234 |  |
| 56 57 | Oakland, Cal. | 246 | 1,082, 800 | 330 69 | (a) 65,000 |
| 58 | New Bedford, Mass | 238 | ${ }^{1} 976,125$ | 208 | 76,450 |

$\boldsymbol{a}$ Not reported.
$b$
Not including permits for heating apparatus, elevators, fre escapes, etc.
0 Not including $\$ 631,277$ proposed expenditure for heating apparatus, elevators, fire escapes, etc.
$d$ Not including $\$ 1,010,338$ proposed expenditure for heating apparatus, elevators, fire escapes, etc.
eIncluding proposed expenditure for repairs, extensions, etc., to old buildings.
$f$ Included in proposed expenditure for new buildings.
oIncluding permits for repairs, extensions, etc., to old buildings.
$h$ Included in permits for new buildings.
$i$ Not including 2,199 permits for minor repairs, awnings, fire escapes, and elevators.
$j$ Not inciuding $\$ 169,182$ proposed expenditure for minor repairs, awnings, fire escapes, and elevators.

Table XVII.-BUILDING PERMITS-Continued.


[^12]Table XVII.-BUILDING PERMITS-Concluded.

\begin{tabular}{|c|c|c|c|c|c|}
\hline \multirow{3}{*}{$$
\begin{aligned}
& \text { Mar- } \\
& \text { ginal } \\
& \text { ninm- } \\
& \text { ber. }
\end{aligned}
$$} \& \multirow{3}{*}{Cities.} \& \multicolumn{4}{|c|}{Building permits granted.} <br>
\hline \& \& \multicolumn{2}{|l|}{For new buildings.} \& \multicolumn{2}{|l|}{For repairs, extensions, etc., to old buildings.} <br>
\hline \& \& Number. \& Proposed expenditure \& Number. \& Proposed expenditure. <br>
\hline 121 \& Topeka, Kans \& a 470 \& ${ }^{6}$ \$641, 622 \& \& ${ }^{(d)}$ <br>
\hline 123 \& Newton Mass... \& ${ }^{\text {e }}{ }^{116}$ \& (e) \& (e) 73 \& <br>
\hline 124 \& Bayonne, N . J ... \& ${ }^{(e)} 119$ \& 449,957 \& \& (840,312 <br>
\hline 125 \& Knovilile, Tenn \& (e) \& \& (e) \& <br>
\hline 127 \& Fitchburg, Mass \& 98 \& \& \& <br>
\hline 128 \& Superior, Wis. \& (e) \& \& (e) \& <br>
\hline 130 \& Taunton, Mass. \& (e) \& (e) \& (e) \& <br>
\hline 131 \& Canton Ohio............................. \& \& \& (c) \& <br>
\hline 132
138 \&  \& ${ }^{1354}$ \& b 728, 866 447, 180 \& (c) 305 \& ${ }^{(d)}{ }_{89,173}$ <br>
\hline 133

135 \& Auburn, N. ${ }^{\text {A }}$ Chattanooga, \& \& \& \& <br>
\hline 136 \& Cast Stioga, Louis, Ill \& ${ }_{528}^{259}$ \& 1,520,000 \& 700 \& 177,524 <br>
\hline 137 \& Joliet, ill..... \& (e) \& (e) \& (e) \& (e) <br>
\hline
\end{tabular}

a Including permits for repairs, extensions, etc., to old buildings.
$b$ Including proposed expenditure for repairs, extensions, etc., to old buildings.
c Included in permits for new buildings.
d Included in proposed expenditure for new buildings.
$e$ Not reported.

TABLE XVIII.-DEBT AND LEGAL BORROWING LIMIT.

|  | Cities. | Debt. |  |  | Sinking fund. | Net debt. | Legal borrowing limit. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| ber. |  | Bonded. | Floating. | Total. |  |  |  |
| 1 | Ne | \$426, 174, 823 |  | 432,481, 296 | \$121, 340 | 311, 140, 375 |  |
| 2 |  |  |  |  |  | b 36, 403,533 | 5 per cent. (c) |
| 3 | Philadelphia, | 59, 932, 895 | 1,441, 606 | 61, 374, 501 | 13,615, 842 | 47, 758,659 | 7 per cent. ( ${ }^{\text {d }}$ ) |
| 4 | St. Louis, Mo........ |  |  | e $\begin{array}{r}\text { 189, } 7954,972 \\ \hline 18\end{array}$ | 653,866 | - $18,262,412$ | 5 per cent. (c) |
| ${ }_{6}$ | Boston, M |  |  |  | 9, 315,978 | - $47,162,085$ 308 | deper ct. (h) |
| 7 | Cleveland, | 16,511, 550 | 1,391, 313 | 17,902,903 | 3, 177, 480 | 14, 725,423 | er cent. ( -0 ) |
| 8 | Buffialo, N. Y | 16,874, 302 | 1,475, 192 | 18, 349,494 | 612,466 | 17,737,028 | 10 per ct. (i) |
|  | San Francisco, | 250, 000 | 488, 394 | ${ }^{2} 738$, | 220, 618 | k ${ }^{517,776}$ | (j) |
| 10 | Cincinnati, Oh | 32, 494, 511 |  | $k 32,494,511$ | $5,413,256$ | k 27, 081,255 | No limit. |
| 11 | Pittsburg, Pa | 23,278, 702 | 1, 1483 | $24,422,156$ | $5,825,363$ | 18,596,793 | l) |
| 13 | Detroit, Mich | 6,931,102 | 15, 000 | 6,946,102 | 2,061,078 | 4,885,024 | 2 percen |
| 14 | Milwaukee, W | 6, 239,500 | 621, 186 |  |  | 6,860, 686 |  |
| 15 | Washingt | 15, 068, 350 | 220, 182 | 15,288 | 1,153, 880 | 14, 184, 652 |  |
| 16 | Newark, | 17,585,000 | 2,146,000 | 19, 731, 000 | 4,928, 561 | 14, 802, 439 | No limit. |
| 17 | Jersey Cit | 19, 411,129 | 279, 050 | 19,690, 1 | 3,484 | 16,205, 526 | No limit. |
| 18 | Louisville, | 10,057,000 | 394,000 | 10, 451, 000 | 2,118,166 | 8,332, 834 | per ct. (c) |
| 19 | Minneapolis, Minn.. | 8,561,000 |  | 8,561,000 | 1,877,103 | 6,683, 897 | 5 per cent. (c) |
| 20 | Providence, R. I.... | 16,824, 000 | 497 , | 17,321,461 | 3,291, 615 | 14,029, 846 | $30 \text { per ct. (o) }$ |
| 22 | Indianapolis, | $\begin{aligned} & \boldsymbol{p} \mathbf{8}, \\ & \mathbf{q}, \end{aligned}$ | 196, |  | 401, 291 | $\begin{aligned} & \boldsymbol{p} \mathbf{4 , 0 5 1 , 7 3 5} \\ & \boldsymbol{q} \mathbf{6 , 0 7 5}, \mathbf{7 7 5} \end{aligned}$ | 2 per cent. ${ }^{\text {p }}$ per cent. $(c)$ |
| 23 | St. Paul, Min | 8,001, 100 | 1, 336,400 | 9, 337, 500 | 706,613 | 8,630,887 | No limit. |
| 24 | Rochester, | 8,889, 000 | 1,802 | 10,691, 849 | 445, 831 | 10,246, 018 | 10 per ct. ( ${ }^{\text {i }}$ ) |
| 25 | Denver, | $r 2,017,3$ |  | r2,042,982 | 153,890 | r $1,889,092$ | 3 per cent. ( ${ }^{\text {a }}$ |
| 26 | Toledo, Ohi |  | 75,000 | 7,764,691 | 832, 640 | 6, 932, 051 | No limit. |
| 27 | ${ }^{\text {Allegheny, }} \mathrm{P}$ | 7,859, |  | 7,858,733 | 1,157, 12 | 6,696,121 | 7 per cent. (c) |
| 29 | Columbus, Ohi | $7,601,900$ $9,859,000$ |  | 7,684,900 |  | 5, 5 51 |  |
| 30 | Syracuse, N . Y | 6,906,000 | 2, 281,792 | 9, 187, 792 |  | 9,136,89 | 10 per ct. (i) |
| 31 | New Haven, | 8, 429, 500 | 455, 000 | 3,884,500 | 60,906 | 3,823 |  |
| 32 | Paterson, N'J | 3,335, 500 | 715,000 | 4,050, 500 | 127,827 | 3, 922, 673 | 10 per ct. (c) |
| ${ }^{3}$ | Fall River, Mass | 5,275, 000 | ${ }^{8} 87,338$ | $t 5,362,338$ | 1,643,071 | $t 3,719,267$ | $2 t$ per ct. (h) |
| 34 | St. Joseph, Mo | 1,770,550 | 11, 277 | 1,781, 827 |  | 1,717, 451 | 5 per cent. (c) |
| 35 | Omaha, Nebr. |  | 1,000,892 | u $\begin{array}{r}6,638,792 \\ \hline 189\end{array}$ | 50,443 |  | 10 per ct. (c) |
| 37 | Los Angeles, C | $u 1,389,175$ $w 3,370,500$ | 654 |  | 243,852 | ${ }_{v} \mathbf{u} 1,145,240,111$ | $15 \text { per ct. (v) }$ |
| ${ }_{39}$ | Scranton, Pa | 1,302, 000 | 161,225 | 1,463, 225 | 407, 417 | 1,055, | 2 per |
| 39 | Lowell, Mass | 3,755,990 | 21,939 | 3, 777,929 | 669,303 | 3,108, | 21 per ct. (y) |
| 40 | Albany, N. Y | $z 4,660,600$ |  | $z 4,660,600$ | 1, 492, 041 | $z 3,168,559$ | 10 per ct. (o) |
| 41 | Cambridge, Ma | $8,374,500$ |  | $8,374,500$ | 1,999,584 | $6,374,916$ | $2 \frac{\mathrm{perct.}}{}(\mathrm{~h})$ |
| 42 | Portland, Oreg Atlanta, Ga... | $\left.\begin{array}{\|r} a a 5,722,618 \\ 3,370,500 \end{array} \right\rvert\,$ | 175, 000 | $\begin{array}{r} a \alpha 5,736,114 \\ 3,545,500 \end{array}$ | -98,854 | $\begin{array}{r} \text { aaa } 5,637,260 \\ 3,369,749 \end{array}$ | $7 \text { percent. (c) }$ |
| 44 | Grand Rapids, | 2,032, 000 |  | 2,032,000 | 168,903 | 1,863,097 | No limit. |
| 45 | Dayton, Ohio | 3,459,000 | 52, 129 | 3,511,129 | 519, 718 | 2,991,411 | No limit. |
| 46 | Richmond, Va | $7,227,423$ $3,517,300$ |  | 7, 227, 423 | 616,841 9,473 | 6,610, 582 | 18 perct. ( $i$ ) |
|  | Nashville, T | 3,517, |  | 3,517,300 |  | 3,507,827 | olimit. |

$a$ Of assessed valuation, not including water debt.
bIncluding $\$ 4,163,575$ special assessment bonds, against private property.
cof assessed valuation.
$d$ Of assessed valuation; may be increased by vote of people.
e Including $\$ 3,499,000$ county bonds.
$f$ Including county sinking fund.
$g$ Including net county debt.
h of average assessed valuation for 3 years.
$i$ Of assessed valuation of real estate.
$j$ Controlled by vote of people, but not to exceed 15 per cent of assessed valuation.
$k$ Including $\$ 961,434$ improvement bonds.
$\imath$ Controlled by legislation.
$m$ Of average assessed valuation for 5 years.
$n$ Controlled by Congress.
o Of assessed valuation, plus siniking fund.
pIncluding $\$ 856,209$ assessment bonds.
qIncluding $\$ 1,216,166$ park certificates of indebtedness.
$\boldsymbol{r}$ Not including $\$ 1,660,365$ bonds against private property.
$s$ Trust funds.
$t$ Including $\$ 87,338$ trust funds carried by the city as a floating debt.
$u$ Not including bonds against private property for street improvement, amount not reported.
$v$ Of assessed valuation, but not to exceed $\$ 2,000,000$, except for waterworks or sewers.
wo Including $\$ 60,000$ market-house bonds, secured by mortgage on market house, and $\$ 250,000$ park
bonds, secured by mortgage on park property.
cof assessed valuation; may be 7 per cent by vote of people.
$y$ of average assessed valuation for 3 years, not including water debt.
$z$ Including $\$ 674,600$ certificates of indebtedness against private property
aa Ineluding $\$ 331,118$ improvement bonds against private property.

TABLE XVIII.-DEBT AND LEGAL BORROWING LIMIT-Continued.

| ar | Cities. | Debt. |  |  | Sinking fund. | Net debt. | Legal borrowing limit. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| num- |  | Bonded. | Floating. | Total. |  |  |  |
| 48 | Seattle, Wash | a \$5,001, 041 | 81,250,000 | a \$6, 251, 041 |  | $a \$ 6,251,041$ | $1 \frac{1}{9} \text { per et. (b) }$ |
| 49 | Hartford, Co | 4,791,000 | 485,635 | 5,276,635 | \$597,593 | 4,679, 042 | No limit. |
| 50 | Reading, Pa | 1,505, 500 |  | 1,505,500 | 84,632 | 1,420,868 | 7 percent. (c) |
| 51 | Wilmington, | 2, 161, 399 | 70,994 | 2,232, 398 |  | 2, 232, 398 | (d) |
| -52 | Camden, N.J | 2,671,575 | 140,800 | 2, 812, 375 | 155,843 | 2, 656,532 | (d) |
| 53 | Trenton, N.J | 3,279, 063 | 728,673 | 4,007,736 | 1, 451,899 | 2, 555, 837 | No limit. |
| 54 | Bridgeport, | 1,955,000 | 28, 800 | 1,983, 800 | 343, 973 | 1,639, 827 | ${ }^{(d)}$ |
| 55 | Lynn, Mass. | 4,309, 450 | 500, 000 | 4,809, 450 | 1,336,535 | 3, 472, 915 | 24 per ct. (e) |
| 56 | Oakland, Cal. | 421,000 | ${ }^{5} 20,195$ | f441, 195 |  | $f$ 441, 195 | 15 per ct. (c) |
| 57 | Lawrence, Mass | 2,096,500 | 206, 082 | 2,302,582 | 401, 290 | 1, 901, 292 | $2 \frac{1}{2}$ per ct. (e) |
| 58 | New Bedford, Mass.. | 3,706,000 | 475, 000 | 4,181, 000 | 925, 653 | 3, 255, 347 | $2 \frac{1}{3}$ perct. (e) |
| 59 | Des Moines, Iowa. | g1,171,500 | $g 103,348$ | g 1, 274, 848 | 73, 438 | g1, 201,410 | 5 per cent. (c) |
| 60 | Springfield, Mass | 2,854,900 | 53, 021 | 2,907, 921 | 711,033 | 2,196,888 | $2{ }_{2}^{2}$ perct. (e) |
| 61 | Somerville, Mass | 1,461,000 | 300,000 | 1,761,000 |  | 1,761, 000 | 21 perct. (e) |
| 62 | Troy, N. Y | 2, 103,950 |  | 2,103, 950 | 25,416 | 2,078, 534 | 10 per ct. (c) |
| 63 | Hoboken, N | 1, 424,000 | 6,500 | 1,430,500 | 97,934 | 1, 332,566 | (d) |
| 64 | Evansville, Ind | 2,155,000 | 16,000 | 2,171, 000 | 53, 975 | 2, 117, 025 | 2 per cent. (c) |
| 65 | Manchester, N . | 1,845, 000 | 15, 709 | 1,860, 709 | 350, 849 | 1,509, 810 | 5 percent. (h) |
| 66 | Utica, N. Y. | 412, 126 | 251, 959 | 664,085 |  | 664,085 | 10 per ct. ( ${ }^{\text {i }}$ ) |
| 67 | Peoria, Ill | ${ }^{\boldsymbol{j}} \mathbf{7 6 2}$ 7600 | 206, 164 | j968,964 | 195,000 | ${ }^{j} 773,964$ | 5 per cent. (c) |
| 68 | Charleston, S.C...... | 3,799, 150 |  | 3,799, 150 | 950 | 3,798, 200 | 8 percent. ( $k$ ) |
| 69 | Savannah, Ga ....... | 3, 154, 650 |  | 3, 154, 650 |  | 3, 154, 650 | 7 per cent. (c) |
| 70 | Salt Lake City, Utah. | 3, 490, 000 | 16,216 | 3, 506, 216 | 350 | 3,505,866 | 4 percent. ( $t$ ) |
| 71 | San Antonio, Tex... | 2,271,000 | 271, 827 | 2,542,827 | 91, 775 | 2, 451, 052 | 8 per ct. (c) |
| 72 | Duluth, Minn ....... | 5,997, 250 | 38,121 | 6,035,371 | 138,629 | 5,896, 742 | 5 per ct. (c) |
| 73 | Erie, Pa. | 954, 000 |  | 954,000 | 234, 425 | 719, 575 | $2 \frac{1}{2}$ per ct. (m) |
| 74 | Elizabeth, N.J | 3,198,960 |  | 3,198,960 | 477 | 3,198,483 | No limit. |
| 75 | Wilkesbarre, Pa | 601, 100 | 7,603 | 608,703 | 15,689 | 593, 014 | 2 yer ct. ( ${ }^{( }$) |
| 76 | Kansas City, Kans | 2,447, 866 | 136,382 | 2,584, 248 |  | 2,584, 248 | No limit. |
| 77 | Harrisburg, Pa | -1,284, 800 | 7,000 | - 1, 291, 800 | 149, 366 | o I, 142, 434 | $7 \mathrm{perct}$. (p) |
| 78 | Portland, Me. ( $q$ ) | 2,772, 750 |  | 2,772, 750 | 1,414,873 | 1,357, 877 | 5 per ct. (c) |
| 79 | Yonkers, $\mathrm{N} . \mathrm{Y}$. | 3,857, 123 | 24,720 | 3, 881, 843 | 361, 498 | 3,520,345 | 10 per ct. (i) |
| 80 | Norfolk, Va | 4,713,550 | 99, 195 | 4, 812, 745 | 443, 670 | 4,369, 075 | 20 per ct. (c) |
| 81 | Waterbury, Conn | 1,570,000 |  | 1,570,000 | 74, 877 | 1,495, 123 | No limit. |
| 82 | Holyoke, Mass | 2,125,500 | 150,000 | 2,275,500 | 630,571 | 1,644, 929 | $2 \frac{1}{2}$ per ct. (e) |
| 83 | Fort Wayne, Ind | r624,800 | 8, 133 | r 632,983 | 18,738 | r 614, 195 | 2 per ct. (c) |
| 84 | Youngstown, Ohio | 712,914 | 33, 000 | 745, 914 | 11,509. | 734, 405 | No limit. |
| 85 | Houston, Tex | 3,098, 800 | 861,627 | s3,160, 427 |  | s 3, 160, 427 | $2 \frac{1}{4}$ per ct. (c) |
| 86 | Covington, Ky | 2,081,000 | 14, 550 | 2,095, 550 | 14,374 | 2,081, 176 | 10 per ct. (i) |
| 87 | Akron, Ohio. | 627,700 | 10,272 | 637,972 | 80, 816 | 557, 156 | 7 per ct. (i) |
| 88 | Dallas, Tex. | 1,918,500 | 11,489 | 1,929,989 | 200,523 | 1,729, 466 | (t) |
| 89 | Saginaw, Mich | 1,359,850 | 3,884 | 1, 363, 734 | 65, 832 | 1,297,902 | No limit. |
| 90 | Lancaster, Pa | 1,269,958 |  | 1,269,958 | 565,000 | 704, 958 | 7 per ct. (p) |
| 91 | Lincoln, Nebr | 1,566,988 | 294,845. | 1,861, 838 | 49,407 | 1,812,426 | No limit. |
| 92 | Brockton, Mas | 2,015,080 | 270, 000 | 2,285, 080 | 360,696 | 1, 924, 384 | $2 \frac{1}{4}$ per ct. (e) |
| 93 | Binghamton, N. Y.. | 694,000 | 73,635 | 767,635 | 50,000 | 717, 635 | No limit. |
| 94 | Augusta, Ga. | 1,749,300 | 223, 000 | 1,972, 300 |  | 1,972, 300 | 7 per ct. (c) |
| 95 | Pawtucket, R. | 4,100,000 | 666,796 | 4,766, 796 | 666, 022 | 4, 100, 774 | 3 per ct. (u) |
| 96 | Altoona, Pa | 1,076,500 | 12,075 | 1,088,575 | 116, 153 | 972,422 | 7 per ct. (v) |
| 97 | Wheeling, W. Va. | 483, 700 | 85, 354 | 1, 569,054 | 116,153 | 569,054 | 5 per ct.(c) |

a Including \$531, 041 local improvement bonds against private property.
$b$ Of assessed valuation; 5 per cent by three-fifths vote of people; 5 per cent additional for waterworks and lighting plants.
cof assessed valuation.
a Controlled by legislation.
$e$ Of average assessed valuation for 3 years.
$f$ Not including $\$ 25,584$ in litigation.
$g$ Not including debt of 1 school district not reported.
$h$ Of assessed valuation, not including water debt.
$i$ Of assessed valuation of real estate.
$j$ Including $\$ 148,300$ assessment bonds.
$k$ Of assessed valuation; may be increased by vote of people.
$l$ Of assessed valuation, and 4 per cent additional for water, sewers, and light.
$m$ of assessed valuation; may be 7 per cent by vote of people.
$n$ Of assessed valuation of real estate; may be 7 per cent by vote of people for general city purposes, also an equal amount for school purposes.
o Not including $\$ 43,100$ street improvement bonds.
$p$ Of assessed valuation for general city purposes, also an equal amount for school purposes.
$q$ Data are for 9 months.
$r$ Not including bonds against private property for street improvement, amount not reported.
$s$ Not including $\$ 118,000$ in litigation.
$t$ Fixed by charter at $\$ 2,000,000$.
uOf assessed valuation, plus sinking fund.
$v$ Of assessed valuation of real estate for general city purposes, also an equal amount for school purposes.

Table XVIII.-DEBT AND LEGAL BorRowing LIMIT-Concluded.

| $\begin{aligned} & \text { Mar- } \\ & \text { ginal } \\ & \text { num- } \\ & \text { ber. } \end{aligned}$ | Cities. | Debt. |  |  | Sinking fund. | Net debt. | Legal borrowing limit. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Bonded. | Floating. | Total. |  |  |  |
| 98 | Mobile, Ala | a \$876,500 |  | a 8876,500 |  | a \$876,600 | 7 per ct. ${ }^{(b)}$ |
| 99 | Birmingham, Ala... | c 2,124,000 | \$27,113 | c 2, 151, 113 |  | c 2, 151, 113 | 7 per ct. (b) |
| 100 | Little Rock, Ark .... | a 118,000 | 94, 407 | d 212, 407 | \$25, 294 | d 187, 113 | $(e)$ |
| 101 | Springfield, Ohio.... | 893,846 | 45,000 | 938, 846 |  | 938, 846 | No limit. |
| 102 | Galveston, Tex .. | 3,943,000 | 282, 752 | 4, 225, 752 | 1,111,703 | 3, 114, 049 | (e) |
| 103 | Tacoma, Wash | $f 4,256,494$ | 215, 433 | $f 4,471,927$ | 44,239 | f4,427,688 | 5 per ct. (g) |
| 104 | Haverhill, Mass | 1,857, 200 | 24, 363 | 1,881,563 | 474, 553 | 1, 407, 010 | $2 \frac{1}{2}$ perct. $(h)$ |
| 105 | Spokane, Wash. | i2,178,389 | j662,386 | k 2, 840, 775 |  | $k 2,840,775$ | 5 per ct. (l) |
| 106 | Terre Haute, Ind. | $m 345,000$ | 6,000 | $m 351,000$ | 32, 701 | m 318, 299 | 2 perct. ( $n$ ) |
| 107 | Dubuque, Iowa | 1,312, 615 | 254, 303 | 1,566,918 | 32,536 | 1,534, 382 | 5 per ct. (n) |
| 108 | Quincy, Ill | 1,071, 300 | 24, 329 | 1,095,629 | 121,799 | 973, 830 | 5 per ct. $(n)$ |
| 109 | South Bend, Ind | - 769,090 | 27, 297 | - 796, 387 | 44, 829 | - 751, 558 | 2 per ct. (n) |
| 110 | Salem, Mass. | 871, 702 | p 101, 384 | p 973,086 | 296, 172 | p676,914 | $2 \frac{1}{2}$ per ct. ( $\boldsymbol{q}$ ) |
| 111 | Johnstown, Pa ....... | 534,500 |  | 534,500 | 95, 326 | 439, 174 | 2 per ct. ( $r$ ) |
| 112 | Elmira, N. Y .......... | 1,113,000 | 19,855 | 1,182, 855 | , | 1, 132, 855 | 10 per ct. (s) |
| 113 | Allentown, Pa | 1820,300 | 6,543 | 826,843 | 98,513 | 728, 380 | 7 per ct. ( $t$ ) |
| 114 | Davenport, Iowa | u441, 920 | 29,788 | u 471, 708 |  | u471, 708 | 5 per ct. (n) |
| 115 | McKeesport, Pa. | 745, 100 | 154, 076 | 899, 176 | 280, 022 | 619,154 | 2 per ct. (r) |
| 116 | Springfield, Ill | 898, 700 | 122,924 | 1,021,624 | 853 | 1,021, 271 | 5 per ct. ( $n$ ) |
| 117 | Chelsea, Mass | 1,689, 200 |  | 1,639,200 | 433, 475 | 1,205, 725 | $2 \frac{1}{3}$ perct. (q) |
| 118 | Chester, Pa | 812, 700 | 88, 600 | 901, 200 | 69,122 | 832, 078 | 2 per ct. ${ }^{(r)}$ |
| 119 | York, Pa | 452,500 | 8,159 | 460, 659 | 5,544 | 459, 115 | 2 per ct. ( $r$ ) |
| 120 | MaJden, Mass | 1,644 800 | 261,137 | 1,905,937 | 295, 148 | 1,610,794 | 21 per ct. ( $q$ ) |
| 121 | Topeka, Kans | 1,11( 90 |  | 1,110,390 | 9,270 | 1, 101, 120 | No limit. |
| 122 | Newton, Mass. | 5,611, 16 | 396,637 | 6,008, 413 | 1,809,186 | 4,199, 227 | $2 \frac{1}{5}$ per ct. (q) |
| 123 | Sioux City, Iow | v2, 147,362 | 77, 760 | $v 2,225,122$ | 4,692 | $v 2,220,430$ | 5 per ct. ( $n$ ) |
| 124 | Bayonne, N. J. | 1,964,600 | 112,000 | 2,076,600 | 223,000 | 1,853, 600 | 3 per ct. ( $n$ ) |
| 125 | Knoxville, Tenn .... | 1,391,500 | 30,173 | 1, 421, 673 | 12,319 | 1, 409, 354 | No limit. |
| 126 | Schenectady, N. Y .. | 983,000 | 315,926 | 1,248, 926 | 136, 834 | 1, 112,092 | 10 per ct. ${ }^{(n)}$ |
| 127 | Fitchburg, Mass. | 1,677, 200 | 200,000 | 1,877, 200 | 422,415 | 1, 454,785 | $2 \frac{1}{8}$ per ct. ( $q$ ) |
| 128 | Superior Wis. | 1,546,623 | 2,400 | 1,549,023 | 248, 014 | 1,301, 009 | 5 per ct. ( $n$ ) |
| 129 | Rockford, Ill. | 291, 800 | 204,163 | 495,963 |  | 495, 963 | 5 per ct. (n) |
| 130 | Taunton, Mass | 1,891, 575 | 47,850 | 1,939, 425 | 512,487 | 1,426,938 | $2{ }^{2}$ per ct. ( $q$ ) |
| 131 | Canton, Ohio. | 969,189 | 47.880 | 1,017,069 | 18,780 | 1,003,289 | No limit. |
| 132 | Butte, Mont. | v260, 000 | 351, 267 | $w 611,267$ | $x$ 17,419 | tw593,848 | 3 per ct. ${ }^{(n)}$ |
| 183 | Montgomery, Ala ... | \% 1,974, 865 | 64, 638 | $\boldsymbol{v 2 , 0 3 9 , 5 0 3}$ |  | y 2, 039, 503 | $7 \text { per ct. (b) }$ |
| 134 | Auburn, N . $\mathbf{Y}$. $\ldots . .$. | 649,772 |  | 649,772 |  | 649,772 | 10 per ct. (z) |
| 135 | Chattanooga, Tenn.. | 831,000 | 101,520 | 932,520 | 967 | 931,553. | (e) |
| 136 | East St. Louis, Ill. | aa 977, 800 | 50,000 | aa 1,027, 800 | 7,200 | $a a 1,020,600$ | 5 per ct. (n) |
| 137 | Joliet, Ill.............. | 184, 800 | 12,000 | 196,800 |  | 196,800 | 5 per ct. ( $n$ ) |

[^13]Table XIX.-BABIS OF ASGESSMENT, ASSESSED VALUATION OF PROPERTY, AND TAXAIION.

| Marginal number. | Cities. |  | Assessment of property. |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Legal basis, per cent of full value. |  | Basisin practice,per cent of full value. |  |
|  |  |  | Real. | Personal. | Real. | Personal. |
| 1 | New York, N. Y |  | 100 | 100 | 70. | 100 |
| 2 | Chicago, Ill. . . . |  | 20 | 20 | 20 | 20 |
| 3 | Philadelphia, Pa |  | 80 | 100 | 80 | 100 |
| 4 | St. Louis, Mo... |  | 100 | 100 | 663 | 669 |
| 5 | Boston, Mass |  | 100 | 100 | 100 | 100 |
| 6 | Baltimore, Md |  | 100 | 100 | 80 | 60 |
| 7 | Cleveland, Ohio |  | 100 | 100 | 50 | 50 |
| 8 | Buffalo, N. Y.... |  | 100 | 100 | 100 | 100 |
| 9 | San Francisco, Cal |  | 100 | 100 | 60 | 60 |
| 10 | Cincinnati, Ohio |  | 100 | 100 | 60 | 60 |
| 11 | Pittsbury, Pa .... |  | (v) | 100 | (v) | 100 |
| 12 | New Orleans, La |  | ( $x$ ) | ( $x$ ) | 100 | 100 |
| 13 | Detroit, Mich... |  | 100 | 100 | 70 | 70 |
| 14 | Milwaukee, Wis |  | 100 | 100 | 60 | 60 |
| 15 | Washington, D. C |  | 100 | 100 | 75 | 100 |
| 16 | Newark, N. ${ }^{\text {d }}$ |  | 100 | 100 | 100 | 100 |
| 17 | Jersey City, N.J |  | 100 | 100 | 70 | 70 |
| 18 | Louisville, Ky ... |  | 100 | 100 | 80 | 60 |
| 19 | Minneapolis, Minn |  | 100 | 100 | 60 | 60 |
| 20 | Providence, R. I |  | 100 | 100 | 100 | 100 |
| 21 | Indianapolis, Ind |  | 100 100 | 100 100 | 663 40 | $66 \%$ 40 |
| 23 | St. Paul, Minn |  | 100 | 100 | 60 | 60 |
| 24 | Rochester, N. Y |  | 100 | 100 | 80 | 80 |
| 25 | Denver, Colo |  | 100 | 100 | 100 | 100 |
| 26 | Toledo, Ohio.. |  | 100 | 100 | ${ }^{60}$ | 60 |
| 27 | Allegheny, Pa. |  | (v) | 90 | (v) | 90 |
| 28 | Columbus, Ohio |  | 100 | 100 | 50 | 50 |
| 29 | Worcester, Mass |  | 100 | 100 | 100 | 100 |
| 30 | Syracuse, N. Y. |  | 100 | 100 | 100 | 100 |
| 31 | New Haven, Conn |  | 100 | 100 | 100 | 100 |
| 32 | Paterson, N. J. . . |  | 100 | 60 | 100 | 30 |
| 38 | Fall River, Mass. |  | 100 | 100 | 100 | 100 |
| 84 | St. Joseph, Mo |  | 100 | 100 | 50 | 50 |
| 35 | Omaha, Nebr |  | 100 | 100 | 40 | 40 |
| 36 | Los Angeles, Cal. |  | 100 | 100 | 50 | 50 |
| 37 | Memphis, Tenn. |  | ( ${ }^{\text {c }}$ | ( ${ }^{\text {c }}$ ) | 60 | 60 |
| 38 | Scranton, Pa. |  | 100 | 100 | 351 | $33{ }^{3}$ |
| 39 | Lowell, Mass . |  | 100 | 100 | 100 | 100 |
| 40 | Albany, N. Y ..... Cambriage, Mass. |  | 100 100 | 100 100 | 100 100 | 100 100 |
| 41 42 | Cambridge, Mass. |  | 100 100 | 100 | 100 30 | 100 30 |
| 43 | Atlanta, Ga..... |  | 100 | 100 | $66{ }^{\text {a }}$ | 100 |

aIncluding $\$ 1,157,400$ liable for taxes for State purposes only, and $\$ 211,334,194$ franchises.
oIncluding $8112,410,244$ exempt from taxes for State purposes.

- Including \$1,157,400 liable for taxes for State purposes only, $\$ 112,410,244$ exempt from taxes for State purposes, and $\$ 211,334,194$ franchises.
$d$ Included in county.
eIncluding State. Varies in different boroughs from $\$ 2.79$ to $\$ 3.37$.
$f$ Varies in different boroughs from $\$ 20.38$ to $\$ 22.01$.
$g$ Varies in different boroughs from $\$ 23.17$ to $\$ 25.38$.
$h$ School, $\$ 21.38$; sanitary district, $\$ 3.68$; library, $\$ 0.55$.
$i$ Not including park boarid tax of $\$ 2.82$ to $\$ 5.20$, except in Jefferson Township, lake-shore protective
tax of $\$ 1.37$ in North Chicargo, and a boulevard and town-bond tax of $\$ 1.18$ in West Chicago.
$j$ City rate; suburban rate, $\$ 12.38$; agricultural rate, $\$ 9.25$. Not including State tax of $\$ 4$ on mort-
gages, securities, stocks, bonds, etc.
$k$ School, $\$ 4$; library, $\$ 0.40$.
ischool.
$m$ School, $\$ 3.07$; court, $\$ 0.63$; street opening, $\$ 0.06$; sinking fund, $\$ 1.63$; interest on debt, $\$ 3.10$; police department, $\$ 3,83$; city poor, $\$ 1.36$.
nCity proper; suburban districts, $\$ 6$; securities, $\$ 3$.
o School, \$8.10; library, \$0.80.
pIncluding $\$ 13,396,848$ special franchises.
qIncluding state.
$r$ Lamp.
Included in city.
$t$ Including county.
uSchool, $\$ 3.98$; library, $\$ 0.40$
$v$ City proper, 100; suburban districts, 66\%; agricultural districts, 50.
wot including ward school tax of from $\$ 0.14$ to $\$ 7$, and State tax of $\$ 4$ on mortgages, securities, stocks, bonds, etc.
$x$ No legal basis.
$y$ Levee.
z School, \$3.60; police, \$1.77; highway, \$0.67.

Table XIX.-Basis OF assessment, assessed Valuation of property, and taxaTION.

| Assessed valuation of property. |  |  | Tax rate, per \$1,000. |  |  |  |  | $\begin{aligned} & \text { Mar- } \\ & \text { ginal } \\ & \text { num- } \\ & \text { ber. } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Real. | Personal. | Total. | State. | County. | City. | Other. | Total. |  |
| a\$3, 237,778, 261 | b\$550, 192,612 | c\$8, 787, 970,873 | (d) |  | (f) |  |  |  |
| 259, 254,598 | 115, 325,842 | 374, 580,440 | \$5.00 | \$5.90 | \$16. 10 | h\$25.61 | t\$52.61 | 2 |
| 919, 706, 697 | 1,649, 799 | 921, 366,496 |  |  | j18.50 |  | j18.50 |  |
| $342,325,544$ $925,037,500$ | $52,470,160$ $227,468,334$ | $\begin{array}{r}394,795,704 \\ 1 \\ 152,505,834 \\ \hline\end{array}$ | 2. 50 | .90 | 12.60 10.53 | k4. 40 12.77 | 19.50 14.90 |  |
| 258,304,425 | 175,039,397 | 1, $433,343,822$ | 1.70 |  | 1.63 4.97 | m18.18 | ${ }^{19} 19.85$ |  |
| 143, 323,490 | 53,130,155 | 196, 453,645 | 2.89 | 3.51 | 11. 40 | 08.90 | 26.70 | 7 |
| 221, 405,290 | 20, 943,848 | p242, 349,138 | ${ }^{(d)}$ | 94.85 | 18.14 | r. 73 | 23.72 | 8 |
| 289,682,092 | 123,417,901 | 413, 099,993 | 4.80 | (8) | $t 10.76$ |  | 15.66 | ${ }^{9}$ |
| $170,173,990$ $347,560,580$ | 44,476,630 | 214, 650,620 | 2.89 | 3.82 <br> 2.00 | 13.78 15.00 | u4.33 | 24.82 $w 17.00$ | 11 |
| $347,560,580$ $108,079,794$ | $4,596,755$ $\mathbf{3 7 , 5 9 4 , 0 7 5}$ | $352,157,335$ $145,673,869$ | 6.00 | 2.00 | 15.00 22.00 | 21.00 | 2017.00 29.00 | 11 |
| 175, 766, 620 | 71,481, 880 | 247, 248, 500 | 2.43 | 1. 51 | 9.66 | 26.04 | 19.64 | 13 |
| 134, 135, 624 | 31,089,263 | 165, 204, 887 | 3.69 | 2.87 | ¢b 15.83 | 12.67 | 22.46 | 14 |
| 180, 334,641 | ${ }^{\text {aa } 12,567,084}$ | aa 192, 901, 725 |  | 5.46 |  |  | bb 15.00 21.40 | 16 |
| $129,822,185$ 86,241 | $28,753,830$ $9,360,817$ |  | (8) | ${ }_{5} 5.82$ | ce21.07 | da1.61 | 28.00 | 16 |
| 90,200,000 | 33,900,000 | 124, 100,000 | 4.25 | 2.70 | 11. 70 | 13.30 | 21.95 | 18 |
| 80, 129, 845 | 22,082,661 | 102, 212,506 | 1.60 | 2.92 | 16.52 | ee8.82 | 29.86 | 19 |
| 151, 633,940 | 41, 2677,920 | 192, 801, 860 | 1.65 |  | 9.75 | ff 4.60 | 16.00 | 20 |
| $94,935,180$ $59,001,060$ |  | $129,184,950$ 79 | 2.97 <br> 2.50 | 3.73 3.60 | 7.50 11.00 | ${ }_{\text {cos }}$ | 19.50 30.40 | 21 |
| 71,067, 159 | 15, 890,170 | 86, 957, 329 | 2.83 | 4.75 | 15.48 | 13.89 | 26.90 | 23 |
| i 1107 , 808, 811 | 9,145, 662 | 116, 448, 973 | 1.03 | 2.35 | js15. 66 |  | kk 19.04 | 24 |
| (li) | (li) | 134, 364, 115 | 4.10 | 13.00 | 15.30 |  | mm32.40 | 25 |
| $49,401,580$ $95,829,425$ | $14,658,830$ $1,374,450$ | $64,060,410$ $97,203,875$ | 2.89 | 4.16 1.50 | 15.70 13.50 | 17.65 mn3.80 | 30.40 oo 18.80 | 26 27 |
| 51, 180, 860 | 14, 333,540 | 65, 514,400 | 2.89 | 5.85 | 13.16 | ${ }^{16.60}$ | 28.50 |  |
| $88,054,200$ | 26,223,935 | 114, 278,185 | $\xrightarrow{1.35}$ | . 78 | 15.27 |  | 16.40 | ${ }_{90}^{29}$ |
| $p p 81,045,860$ $88,175,138$ | 11, 6 , 0587,2480 | $87,104,103$ $99,502,618$ | 1.03 | 2.42 | 21.30 9.75 |  | 24.75 12.75 | 30 31 |
| $\begin{aligned} & 88,175,138 \\ & 40,960,583 \end{aligned}$ | 11, $8,147,480$ | $\begin{aligned} & 99,502,618 \\ & 49,101,985 \end{aligned}$ | (ll) | (il) | ${ }_{(i 1)}{ }^{75}$ | $\begin{aligned} & \text { lis.00 } \\ & (i)^{2} \end{aligned}$ | 12.75 25.00 | 31 32 |
| 46, 198,000 | 28, 856,380 | 74, 554,380 | . 25 | 1.17 | 16.78 |  | 18.20 | 83 |
| 16,696, 460 | 8,650, 280 | 25,346, 740 | 2.50 | 4.00 | 15.00 | 18.00 | 29.50 | 34 |
| 29, 244, 215 | 7,129,971 | 36, 374, 186 | 7.38 | 17.20 | 27.50 | 16.50 | 58.58 | 35 |
| 62, 300, 365 | 11,077, 565 | 73, 377, 980 | 6. 01 | 7.99 | qq12. 50 |  | rr26. 50 | ${ }^{36}$ |
| $32,714,389$ $21,818,895$ | $5,158,368$ $1,585,151$ | $37,872,757$ $23,354,046$ | 3.50 | 4.80 7.50 | (88) 13.40 | $t t 6.70$ $v v 16.50$ | $\stackrel{(u t)}{(u x)}$ | 37 38 |
| 56,248, 745 | 15, 425,843 | 71, 674, 588 | (8) | (8) | xx18.60 |  | 18.60 | 89 |
| vy $61,860,400$ 78 | 8,108,838 | 69, ${ }^{6169,238}$ | 1.20 | 4.90 | 14.90 14.70 |  | 21. 160 | 40 |
| (78) 568 , 300 | 17 ( 648 ) 575 | $96,216,875$ $43,360,537$ | $\begin{array}{r}10.96 \\ \hline 1\end{array}$ |  | 14.70 7.00 | $\boldsymbol{z} z .76$ aua 6.50 | 16.90 28.00 | $\stackrel{41}{42}$ |
| 43, 565,385 | 13, 637, 189 | 57,202,574 | 8.34 | 6.06 | 12.50 | 12.10 | 24.00 | 48 |

aa Not including $\$ 1,395,061$ gross receipts of street railways taxed at the rate of 4 per cent.
bb City rate; agricultural rate, $\$ 10$; gross receipts street railways, $\$ 40$.
co Including city schools.
di State schools.
ee School, \$6.59; State university, $\$ 2.23$.
ff Interest and sinking fund.
og School, \$5.10; township, $\$ 0.20$.
$h h$ School, $\$ 10$; park district, $\$ 3$; township, $\$ 0.30$.
$i i$ Including $\$ 4,339,436$ franchises.
jj Except wards 15 and 16, where rate varies from $\$ 12.93$ to $\$ 15.34$.
kk Except wards 15 and 16, where rate varies from $\$ 16.31$ to $\$ 18.72$.
Il Not reported.
$m m$ Not including district school tax rate of from $\$ 6$ to $\$ 25$.
$m$ School, $\$ 3$; county road, $\$ 0.50$; sewer, $\$ 0.30$.
oo Not including ward school tax of from $\$ 0.50$ to $\$ 5.50$, and State tax of $\$ 4$ on mortgages,
securities, stocks, bonds, etc.
pp Including \$3,146,100 franchises.
aq City proper; annexed districts, $\$ 10$ and $\$ 10.30$
rr City proper; annexed districts, $\$ 24$ and $\$ 24.30$.
ss $\$ 18.50$ in 8 wards; $\$ 13.40$ in 3 wards; $\$ 12.10$ in 11 wards.
$t t$ School, $\$ 2.20$; special sewer, $\$ 2.50$; special street improvement, $\$ 2$.
ut $\$ 33.50$ in 8 wards; $\$ 28.40$ in 3 wards; $\$ 27.10$ in 11 wards.
$v v$ School, \$13; poor, \$3.50.
wov Not including State tax of $\$ 4$ on mortgages, securities, stocks, bonds, etc.
$x_{x}$ Including State and county.
$v y$ Including $\$ 1,780,030$ franchises
$z z$ Metropolitan sewer.
a a a School, $\$ 2.90$; park, $\$ 0.20$; library, $\$ 0.40$; road, $\$ 1.50$; port of Portland, $\$ 1.50$.

TABLE XIX.-BASIS OF ASSESSMENT, ASSEGSED VALUATION OF PROPERTY, AND TAXA-TION-Continued.

| $\begin{aligned} & \text { Mar- } \\ & \text { ginal } \\ & \text { num- } \\ & \text { ber. } \end{aligned}$ | Cities. | Assessment of property. |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Legal basis, per cent of full value. |  | Basisin practice,per cent of full value. |  |
|  |  | Real. | Personal. | Real. | Personal. |
| 44 | Grand Rapids, Mich. | 100 | 100 | 100 | 100 |
| 45 | Dayton, Ohio......... | 100 | 100 | 65 | 165 |
| 46 | Nichmond, Va.. | 100 100 | 100 100 | 75 80 | 100 80 |
| 48 | Seattle, Wash... | 100 | 100 | 60 | 60 |
| 49 | Hartiord, Conn. | 100 | 100 | 75 | 75 |
| 50 | Reading, Pa... | 100 | 100 | 100 | 100 |
| 51 | Wilmington, Del | 100 100 | ${ }^{(j)}{ }_{100}$ | 100 | (j) ${ }^{100}$ |
| 52 | Camden, N. J..... | 100 100 | 100 100 | ${ }_{669}^{100}$ | 100 50 |
| 54 | Bridgeport, Conn. | 100 | 100 | 100 | 100 |
| 55 | Lynn, Mass...... | 100 | 100 | 100 | 100 |
| 56 | Oakland, Cal. | 100 | 100 | 60 | 60 |
| 57 | Lawrence, Mass.. | 100 | 100 | 80 | 80 |
| 58 | New Bedford, Mass. | 100 | 100 | 100 | 100 |
| 59 | Des Moines, Iowa. . | 100 | 100 | 25 | 25 |
| 60 | Springfield, Mass.. | 100 | 100 | 90 | 100 |
| 61 | Somerville, Mass | 100 | 100 | 100 | 100 |
| 63 | Troy, N.Y.... | 100 100 | 100 | 100 70 | 100 |
| 64 | Evansville, Ind. | 100 | 100 | 100 | 50 100 |
| 65 | Manchester, N.H. | 70 | 70 | 70 | 70 |
| 66 | Utica, N, Y | 100 | 100 | 80 | 80 |
| 67 | Peoria, Ill...... | 20 | 20 | 10 | 10 |
| 68 | Charleston, S. ${ }^{\text {Savannah, }}$ | 100 | 100 | 50 |  |
| 79 | Savannah, Ga ${ }^{\text {Salt Lake City }}$ UTh. | 100 100 | 100 100 | 75 70 | 75 70 |
| 70 | Salt Lake City, Utah. San Antonio, Tex... | 100 100 | 100 100 | 76. | ${ }_{66} 7$ |
| 72 | Duluth, Minn...... | 100 | 100 | 60 | 60 |
| 73 | Erie, Pa ...... | 100 | 100 | 75 |  |
| 74 | Elizabeth, N. J ... | 100 | 100 | 100 |  |
| 75 | Wilkesbarre, Pa ... | ${ }_{80}^{80}$ | ${ }_{80}^{80}$ |  | ${ }_{33}^{50}$ |
| 77 | Harrisburg, Pa..... | 100 | 100 | ${ }_{66}{ }^{\text {a }}$ | $66{ }^{3}$ |
| 78 | Portland, Me.. | 100 | 100 | 100 | 100 |
| 79 | Yonkers, $\mathrm{N} . \mathrm{Y}^{2}$.. | 100 | 100 | 70 | 70 |
| 88 | Waterbury, Conn | 100 <br> 384 | 100 | ${ }_{33}^{664}$ | $6_{33}^{66}$ |
| 82 | Holyoze, Mass..... | 100 | 100 | 100 | 100 |
| 83 | Fort Wayne, Ind... | 100 | 100 | 70 | 70 |
| 84 | Youngstown, Ohio . | 100 | 100 | 40 | 100 |
| 85 | Houston, Tex | 100 | 100 | ${ }_{668}^{668}$ |  |
| 88 | Covington Ky. <br> Akron, Ohio... | 100 100 | 100 100 | $66{ }^{66}$ | $6_{60}{ }^{\text {6 }}$ |
| 88 | Dallas, Tex ... | 100 | 100 | 50 | 50 |
| 89 | Saginaw, Mich | 100 | 100 | 100 | 100 |
| 90 | Lancaster, Pa'. | 75 | 75 | 75 | 75 |
| 91 | Lincoln, Nebr. | 100 | 100 | 75 | 50 |
| 93 | Brockton, Mass. ${ }_{\text {Binghamton, }}^{\text {N. }}$ | 100 100 | 100 100 | 100 100 | 100 100 |

## $a$ School.

$b$ Not including $\$ 14.73$ tax on bank stock
c School, $\$ 2.50$; turnpike, $\$ 1$; interest and sinking fund, $\$ 1$.
a old limits, $\$ 11$; new limits, $\$ 10$.
e Old limits, $\$ 31$; new limits, $\$ 30$.
$f$ City rate; agricultural rate, $\$ 6$; not including school district tax rate of from $\$ 1.75$ to $\$ 5$.
$g$ Sinking fund.
$h$ Not reported.
$i$ Not including State tax of $\$ 4$ on mortgages, securities, stocks, bonds, etc.
$j$ Not assessed.
$\boldsymbol{k}$ Included in city.
$\boldsymbol{l}$ Including State and county.
$m$ City proper; annexed districts, $\$ 10$ and $\$ 10.83$.
$n$ City proper; annexed districts, $\$ 22.50$ and $\$ 23.33$.
o Park.
$p$ Not including school tax, which varies in different districts from $\$ 18.60$ to $\$ 3.60$, not including rural districts.
$q$ Metropolitan sewer.
$r$ Including $\$ 1,179,100$ franchises.
$s$ Varies in different districts from $\$ 12.30$ to $\$ 18.58$, including schools.
$t$ Varies in mifferent districts from $\$ 17.56$ to $\$ 23.84$, including schools.
u New city, $\$ 14.20$; old city, $\$ 15.90$.
$v$ New city, $\$ 21.20$; old city, $\$ 22.90$.
$w$ School, $\$ 4.60$; poor, $\$ 0.30$ to $\$ 1.20$.
$x$ From $\$ 27.50$ to $\$ 28.40$.
$y$ Including $\$ 964,350$ franchises.
$z$ Including county.

Table XIX.-BASIS OF ASSESSMENT, ASSESSED VALUATION OF PROPERTY, AND TAXA-TION-Continued.

| Assessed valuation of property. |  |  | Tax rate, per $\$ 1,000$. |  |  |  |  | $\begin{array}{\|l} \text { Mar- } \\ \text { ginal } \\ \text { num- } \\ \text { ber. } \end{array}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Real. | Personal. | Total. | State. | County. | City. | Other. | Total. |  |
| \$41, 494, 010 | \$18, 462, 719 | \$59, 956, 729 | \$2.56 | \$1.17 | \$7.54 | a \$6.05 | b\$17.32 | 44 |
| \$33,911, 100 | 11, 453,200 | 45,364, 301) | 2.89 | 4.56 | 11.00 | a8.35 | 26.80 | 45 |
| 42, 608, 869 | 28, 508,738 | 71, 117, 607 | 4.00 |  | 14.00 |  | 18.00 | 46 |
| 29,982,740 | 8,803, 100 | 38,785, 840 | 3.50 | 3.00 | 15.00 | c4.50 | 26.00 | 47 |
| 35,236, 279 | 7,744, 645 | 42,980,924 | 7.87 | 6.63 | (d) | $a 5.50$ | (e) | 48 |
| 52,831,862 | 7,021,954 | 59, 853, 816 |  |  | f16.50 | g1.00 | $f 17.50$ | 49 |
| (h) | (h) | 43, 942, 981 |  | 2.50 | 8. 00 | a4.00 | i14.50 | 50 |
| 48,784,990 |  | 43, 784, 990 |  | 8.00 | 11.00 | $a 4.00$ | 23.00 | 51 |
| 26, 552, 660 | 2,101, 550 | 28, 654, 210 | 1.60 | 5.00 | 7.20 | a 5.80 | 19.60 | 52 |
| 27, 448,537 | 6,253, 729 | 38, 702, 266 | 1.61 | 6.38 | 13.51 |  | 21.50 | 53 |
| 56,183,524 | 7,053, 447 | 63, 236,971 | (k) | (c) | 113.90 |  | 13.90 | 54 |
| 42,638,505 | 9,529,510 | 52, 168, 015 | . 30 | .$^{43}$ | 17.07 |  | 17.80 | 55 |
| 37,979,854 | 6,244, 314 | 44,224, 168 | 4. 98 | 7.52 | $m 11.70$ |  | n 24.20 | 56 |
| 31, 469,325 | 9, 185, 433 | 40, 654, 758 | (k) | (k) | $l 15.60$ |  | 15.60 | 57 |
| 36,170,900 | 28, 341, 091 | 64, 511, 991 | . 56 | 1.42 | 15.42 |  | 17.40 | 58 |
| 11, 213, 950 | 2,966, 900 | 14, 180, 850 | 2.90 | 9.20 | 37.30 | 04.00 | p53.40 | 59 |
| 57, 394,710 | 16,944, 217 | 74, 338,927 | . 41 | . 73 | 12.86 |  | 14.00 | 60 |
| 48, 721, 800 | 5,202, 400 | 53, 924, 200 | . 25 | . 70 | 14. 18 | ¢. 77 | 15.90 | 61 |
| r 49, 958,227 | 6,966,372 | 56, 924, 599 | 1.21 | 4. 05 | ( ${ }^{\text {s }}$ |  | (t) | 62 |
| 26,089, 800 | 2,132, 000 | 28, 222, 400 | 1.60 | 5.40 | (u) |  | (v) | 63 |
| 18,959, 110 | 7,387, 080 | 26, 346, 190 | 2.97 | 6.83 | 12.80 | (w) | ( $x$ ) | 64 |
| 26, 847, 180 | 4,796, 332 | 31, 643, 512 | . 7.09 | .13 | 19.58 |  | 19.80 | 65 |
| $y 28,019,268$ | 4,735, 324 | 32, 754, 592 | $\approx 7.60$ | (aa) | 17.45 |  | 25.05 | 66 |
| 9,247,975 | 3,142,742 | 12,390,717 | 5.00 | 10.00 | 24.00 | bb 41.20 | 80.20 | 67 |
| 12,397,928 | 5,111, 973 | 17,509,901 | 5.00 | 1.50 | 30.00 | a4.00 | 40.50 | 68 |
| 28,162,084 | 11,429, 128 | 39,591, 212 | 5.44 | 3.25 | 14. 50 | a 4.31 | 27.50 | 69 |
| 24,909,749 | 8,782, 569 | 33, 692,318 | 8.00 | 7.20 | 8.50 | ce 8.50 | 32.20 | 70 |
| 24, 361,460 | 6,401, 545 | 30, 763, 005 | 3.47 | 6.03 | 14.70 | ad 2.50 | 26. 70 | 71 |
| 20,626, 465 | 4,343, 844 | 24, 970, 309 | 2.83 | 3.07 | 18.00 | $a 6.00$ | 29.90 | 72 |
| (h) | ( $h$ ) | 19, 657, 488 |  | 2. 50 | 13.50 | $e e 8.00$ | $i 24.00$ | 73 |
| 16,150,555 | 2,038,342 | 18,188,897 | 2.71 | 5. 53 | 21.36 |  | 29.60 | 74 |
| ( ${ }^{\text {a }}$ ) | (h) | 18,137, 409 |  | 4.75 | 11.00 | 179.00 | $i 24.75$ | 75 |
| gg 8,514, 390 | g9 3, 029, 110 | hh 11, 543, 500 | 5.88 | 8.92 | 13.00 | a 15.50 | 43.30 | 76 |
| 27,000,000 | 1,309,155 | 28, 309, 155 |  | 4.00 | 7.00 | a6.00 | \$17.00 | 77 |
| 31, 981,350 | 14,233,210 | 46, 214,560 | (k) | (k) | $l 18.00$ |  | 18.00 | 78 |
| $35,124,400$ | 3,086,830 | 38,211, 230 | 2.10 | 3.33 | 12.69 | a 5.59 | 23. 71 | 79 |
| 24,861,200 | 3,130,880 | 27,992,080 | 4.00 |  | ii16.00 | 331.00 | $k k 21.00$ | 80 |
| (h) | (h) | 12,800, 287 |  |  | 25.00 | a15.00 | 40.00 | 81 |
| 29,658,610 | 10,298,320 | 39, 951, 930 | . 31 | . 70 | 15.19 |  | 16. 20 | 82 |
| 18,482,865 | . $5,632,625$ | 24, 115, 490 | 2.97 | 4.73 | 10.00 | 114.10 | 21.80 | 83 |
| 13,948, 220 | 5,265, 170 | 19,213, 390 | 2.89 | 6.91 | 10.40 | mm10. 20 | 30.40 | 84 |
| 21,698, 215 | 5,836, 056 | 27, 534, 271 | 3.43 | 6.00 | 20.00 |  | 29.43 | 85 |
| 17,512,825 | 6,192,725 | 23, 705, 550 | 4.75 | 6.00 | 16. 75 | a3. 25 | 30.75 | 86 |
| 14, 493, 770 | 5,930,910 | 20,424,680 | 2.89 | 3.91 | 10.40 | a 7.60 | m24.80 | 87 |
| 17, 448,625 | 6,536,275 | 23,984,900 | 3.47 | 4.60 | (oo) | $a 1.50$ | ( $p p$ ) | 88 |
| 12,911,800 | 8, 768, 928 | 21, 680, 728 | 2.76 | 2.43 | (qq) | (rr) | (178) | 89 |
| (h) | (h) | 17, 018, 459 |  | 3.50 | 9.00 | a5.00 | i17.50 | 90 |
| 16,020,350 | 4,119,504 | 20, 139, 854 | 7.50 | 17.60 | 10.00 | a 20.00 | 55.10 | 91 |
| 24, 856,105 | 3,824, 748 | 28,680,853 | . 54 | 1.05 | 18. 26 | $t t .85$ | 20.70 | 92 |
| 17, 827,603 | 1,380,600 | 19, 208, 208 | ( ${ }^{\text {u }}$ ) | vv7.80 | 15. 20 |  | 23.00 | 98 |

aa Included in State.
${ }^{\boldsymbol{b} b} \mathbf{~ S c h o o l , ~} \$ 27.50:$ township, $\$ 1.70$; town railroad, $\$ 0.30$; bridge, $\$ 6 ;$ park, $\$ 5.70$.
cc School, $\$ 7.40$; township, \$1.10.
da School, $\$ 2$; railroad subsidy, $\$ 0.50$.
ee School, \$7.48; library, \$0.52
ff School, $\$ 6.50$; poor, $\$ 2.50$.
oo Not including $\$ 766,500$ railroad property, real and personal.
hh Not incluading $\$ 766,500$ railroad property.
$i i$ Except Atlantic City Ward, $\$ 12$.
j3School, $\$ 0.50$; sidewalk, $\$ 0.50$; except Brambleton ward.
$k k$ City proper; Atlantic City Ward, \$17; Brambleton Ward, $\$ 20$.
$2 l$ School, $\$ 3.70$; township, $\$ 0.40$.
mm School, $\$ 9$; township, $\$ 1.20$.
m Not including sewer tax, which varies in different districts from $\$ 0.50$ to $\$ 3$ on assessed value of property fronting the sewer laid.
oo East Dallas, \$14.50; old city, $\$ 15$.
pp East Dallas, $\$ 24.07$; old city, $\$ 24.57$.
qQ East district, $\$ 8.86$; west district, $\$ 11.01$.
rr Road, $\$ 0.91$; school, east district $\$ 5.73$, west district $\$ 5.21$.
${ }^{8 s}$ East district, $\$ 20.69$; west district, $\$ 22.32$.
$t t$ Overlay tax. $\$ 0.25$; grade crossing, ete., $\$ 0.60$.
$a x$ Included in coun ty.
$v$ Including State.

Table XIX.-Basis OF assessment, assessed Valuation of property, and taxa-TION-Concluded.

| Marginal number. | Cities. | Assessment of property. |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  | Legal basis, per cent of full value. | Basis in practice,per cent of full value. |  |
|  |  | Personal. | Real. | Personal. |
| 94 | Augusta, Ga. | 100 | 75 | 100 |
| 95 | Pawtucket, R. I | 100 | 100 | 100 |
| 96 | Altoona, Pa.... | 100 | 75 | 75 |
| 97 | Wheeling, W. Va. | 100 | $66{ }^{\text {a }}$ | 100 |
| 98 | Mobile, Ala ..... | 100 | 50 | 50 |
| 99 | Birmingham, Ala | (e) | 60 | 60 |
| 100 | Little Rock, Ark . | (e) | 50 | 50 |
| 101 | Springfield, Ohio. | 100 | 60 | 100 |
| 102 | Galveston, Tex... | (e) | 66.8 | 669 |
| 103 | Tacoma, Wash. | 100 | -80 | 80 |
| 104 | Haverhill Mass | 100 | 100 | 100 |
| 105 | Bpokane, Wash | 100 | 60 | 60 |
| 106 | Terre Haute, Ind | 100 | $66{ }^{\text {a }}$ | $66{ }^{\text {6 }}$ |
| 107 | Dubuque, Iowa.. | (m) | ( $n$ ) | ( $n$ ) |
| 108 | Quincy, Ill...... | 100 | 20 | 20 |
| 109 | South Bend, Ind. | 100 | $66{ }^{\text {? }}$ | $66{ }^{\text {6 }}$ |
| 110 | Balem, Mass ..... | 100 | 100 | 100 |
| 111 | Johnstown, Pa... | 100 | 669 | $66{ }^{\text {6 }}$ |
| 112 | Elmira, $\mathrm{N} . \mathrm{Y} . .$. | 100 | 100 | 100 |
| 113 | Allentown, Pa ... | 100 | 80 | ${ }^{80}$ |
| 114 | Davenport, Iowa | (r) | (r) | (r) |
| 115 | McKeesport Pa.. | 100 | $66{ }^{\text {c }}$ | $66{ }^{\text {a }}$ |
| 116 | Springfield, Ill.. | 20 | 20 | 20 |
| 117 | Chelsea, Mass. . | 100 | 100 | 100 |
| 118 | Chester, Pa ..... | (u) | 66 | $(u)$ |
| 119 | York, Pa........ | 100 | 75 | 75 |
| 120 | Malden, Mass.... | 100 | 100 | 100 |
| 121 | Topeka, Kans. . . | 100 | $38 \pm$ | 337 |
| 122 | Newton, Mass.... | 100 | 100 | 100 |
| 123 | Sioux City, Iowa. | 25 | 25 | 25 |
| 124 | Bayonne, N, J.... | 100 | 66 | 10 |
| 125 | Knoxville, Tenn. | 100 | 60 | 60 |
| 126 | Behenectady, N. Y | 100 | 80 | 100 |
| 127 | Fitchburg, Mass . | 100 | 100 | 100 |
| 128 | Superior Wis . . | 100 | 60 | 60 |
| 129 | Rockford, Ill.. | 100 | 20 | 20 |
| 130 | Taunton, Mass. | 100 | 100 | 100 |
| 181 | Canton, Ohio .. | 100 | 60 | 60 |
| 132 | Butte, Mont ..... | 100 | 60 | 60 |
| 183 | Montgomery, Ala. | 100 | 663 | 668 |
| 134 | Auburn, N. Y ...... | 100 | 100 | 100 |
| 136 | East St. Louis, Ill . . | 100 20 | 65 20 | 65 20 |
| 137 | Joliet, Ill . . . . . . . . | 100 | 20 | 20 |

[^14]TABLE XIX.-BABIS OF ABGESBMENT, ASSEGSED VALUATION OF PROPERTY, AND TAXA-TION-Concluded.

| Assessed valuation of property. |  |  | Tax rate, per \$1,000. |  |  |  |  | $\begin{aligned} & \text { Mar- } \\ & \text { ginal } \\ & \text { num- } \\ & \text { ber. } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Real. | Personal. | Total. | State. | County. | City. | Other. | Total. |  |
| 813, 709,383 | \$6,219,084 | \$19,928, 467 | \$5.44 | \$4.60 | \$12.50 | $\mathrm{a}_{\text {\$ } 2.65}$ | \$25. 19 | 94 |
| 29,732,240 | 5,710,660 | 35, 442,900 | 1.80 |  | 14.70 | -2.6 | 16.50 |  |
| (b) | (b) | 17,350,000 |  | 4.50 | 7.50 | a6.00 | -18.00 | 96 |
| 18,210,498 | 6,148, 484 | 24, 358, 982 | 3.50 | 5.00 | 6.00 | a4. 40 | 18.90 | 97 |
| 11,456,339 | 5,005,584 | 16,461,923 | 5.50 | 4. 50 | 6.00 | a 10.50 | 26.50 | 98 |
| 12, ${ }^{\text {b }}$ ) 88,171 | 7 (b) 260,185 | 17,695,690 | 5.50 5.75 | 4.50 9.25 | 10.00 6.00 |  | 22.50 26.00 | 99 100 |
| 11,940,020 | 6, 105, 266 | 18,045, 286 | 2.89 | 3.62 | 9.85 | 96.74 | 28.10 | 101 |
| 17,858,446 | 3,568,974 | 21,427,420 | 3.47 | 7.50 | 15.00 | a 2.00 | 27.97 | 102 |
| 16,965, 840 | 4,612,432 | 21,578, 272 | 8.67 | 7.20 | (h) | a5. 00 | (i) | 103 |
| 20,726,799 | 5,588, 003 | 26,314, 802 | ( ${ }^{(j)}$ | ${ }^{(j)}$ | *17.40 |  | 17.40 | 104 |
| 17,766,606 | 2,849,523 | 20,616, 129 | 8.25 | 6.75 | 13.00 | a7. 00 | 35. 00 | 105 |
| 15, 360, 730 | 5,559,955 | 20,920,685 | 1.87 | 4.83 | 10.80 | 16.90 | 24.40 | 106 |
| 16, 581, 693 | 7,192,540 | 23,774,233 | 3.20 | 9.80 | 10.50 | ${ }^{2} 13.00$ | 36.50 | 107 |
| 8,673,691 | 1,995,887 | 5,629,528 | 5.00 | 7.50 | 20.50 | ${ }^{-34.80}$ | 67.80 | 108 |
| 10,510,650 | 5, 975, 580 | 16,486, 230 | 2.97 | 3.23 | 12.50 | p6.80 | 25.50 | 109 |
| 19,042, 100 | 9, 106,643 | 28,148,743 | . 27 | . 54 | 17.19 |  | 18.00 | 110 |
| $\begin{array}{r}13,813,000 \\ \sim 16,638 \\ \hline\end{array}$ | 250,000 | 14,063,000 |  | 3.00 4.50 | 66.00 | a 7.00 | -16.00 | 111 |
| q16,638,063 | 604,900 | 17,242,953 | . 50 | 4. 50 | 16.30 |  | 21.30 | 112 |
| 21,876,940 | 64, 235 | 21,941, 175 | 2. 50 | 4.00 | 3. 79 | ${ }^{3} 5.00$ | -15.29 | 118 |
| 9,662,695 | 7,731,910 | 17,394,605 | 3.70 | 6.80 | 14.50 | a 17.00 | 42.00 | 114 |
| 15,955, 346 | 1,983, 919 | 17,989, 265 |  | 4.00 | 8.50 | 89.50 | - 22.00 | 115 |
| 4, 713,392 | 1,951,979 | 6,665,371 | 5.00 | 7.50 | 20.00 | ${ }^{\text {t } 36.52}$ | 69.02 | 116 |
| 21,312, 050 | 2, 198, 720 | 23,510,770 | 1.75 |  | 11.45 | - ${ }^{\text {a }} 4.60$ | 17.80 | 117 |
| 14,939, 104 |  | 14, 939,104 |  | 3.50 | 10.00 | a 6.00 | c19.50 | 118 |
| 17, 153,766 | 816,685 | 17,970,451 |  | 4.75 | 7.00 | a5.00 | c 16.75 | 119 |
| 24,108,000 | 3,388,600 | 27,446,600 | . 27 | 72 | 9.80 | $v 6.51$ | 37.30 | 120 |
| ${ }^{2}$ 7,917,530 | ${ }^{2} 1,882,405$ | $x 9,799,935$ | 5.20 | 10.30 | 17.00 | a 15.50 | 48.00 | 121 |
| 46,213, 300 | 13,142,780 | $59,356,080$ | 58 | 1.05 | 15.17 |  | 16.80 | 122 |
| 4,517,565 | 1,330,539 | 5, 848, 104 | 2.90 | 15. 10 | 31.70 | a 23.30 | 73.00 | 123 |
| 13, 817 17,102 | (b) 88,019 | 14,702,121 | 1.64 | 5.40 <br> 80 | 19.76 |  | ${ }_{25}^{26.80}$ | 124 |
| z 12,081,909 | 1,826,476 | 12,089, ${ }^{1378}$ | (a.5) | 36 6.80 | 13.00 18.20 | y 6.60 | 25.80 20.00 | 126 |
| 19,056,250 | 4,977,239 | 24, 033, 489 | 1.13 | . 68 | 17.44 |  | 19.20 | 127 |
| 13,565,589 | 1,919,794 | 15, 485, 383 | 2.60 | 10.20 | 18.14 | a 8.76 | 34.70 | 128 |
| 4, 411,097 | 1,754,887 | 6,165, 984 | 5. 00 | 6.30 | 16.60 | cc 22.66 | 50.56 | 129 |
| 15,388,005 | 6,917,175 | 21,305,180 | 55 | 2.00 | 15.85 |  | 18.40 | 130 |
| $8.922,260$ | 3,772,120 | 12,694, 380 | $\stackrel{2.89}{ }$ | 6.01 | 12.00 | ad 8.40 | 29.30 | 131 |
| (b) | ${ }_{3}^{(b)}$ | 19,601,560 | 2.50 | 5.00 | 12.00 | - $\begin{gathered}\text { a } 6.50 \\ \text { ee } 200\end{gathered}$ | ${ }_{23}^{26.00}$ | 132 183 |
| 13,060,466 | 1,041,249 | 12, 101,715 | 1.18 | 5.00 7.82 | 11.25 15.11 |  | 24.11 | 134 |
| (b) | (b) | 13,679,570 | 3.50 | 5.50 | 14.50 | a3.50 | 27.00 | 185 |
| 4,644,814 | 759, 105 | 5,403, 919 | 5.00 | 7.50 | 26.80 | go 33.30 | 72.60 | 136 |
| 2,858,523 | 967,500 | 3,821, 023 | 5.00 | 5.00 | 29.00 | hh38.50 | 777.50 | 137 |

s School, $\$ 4.80$; sinking fund, $\$ 2.95$; railroad, $\$ 1.75$.
$t$ Including school, $\$ 18.70$; park, $\$ 4.70$; court-house, $\$ 1.50$.
$u$ Not assessed.
$v$ School, $\$ 5.75$; metropolitan sewer, $\$ 0.76$.
${ }^{20}$ Not including $\$ 374,230$ railroad property, real and personal.
$x$ Not including $\$ 374,230$ railroad property.
$y$ School, $\$ 3$; interest, $\$ 1$; industrial school, $\$ 0.60 ;$ road, $\$ 1.50$; sinking fund, $\$ 0.50$.
$z$ Including $\$ 240,760$ franchises.
a a Included in county.
bb Including State.
ce School, $\$ 16.50$; library, $\$ 1.16$; road and bridge, $\$ 5$.
did School, $\$ 8$; township, $\$ 0.20$; poor, $\$ 0.20$.
ee School, $\$ 1$; Confederate relief, $\$ 1$.
ff Including $\$ 400,511$ franchises.
gg School, $\$ 26.80$; interest, $\$ 6.50$.
hh School, $\$ 26$; township, $\$ 6.50$; road and bridge, $\$ 6$.
9398-No. $42-02-8$

Table XX.-RECEIPTS FROM ALL SOURCES (1).

a Including $\$ 276$ income of county.
b Including \$144,559 income of county.
cIncluding tax for school district extending beyond city limits.
$d$ For 7 months only.
e Including income from franchise tax.
$f$ Included in income from property tax.

Table XX. -RECEIPTS FROM ALL SOURCES (2).


Table XX.-RECEIPTS FROM ALL SOUROES (3).

| $\begin{gathered} \text { Mar- } \\ \text { gin- } \\ \text { al } \\ \text { num } \\ \text { ber. } \end{gathered}$ | Cities. | Actual income for fiscal year. |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Other. | Total. | Cash on hand at beginning of fiscal year. | Loans. |  |  | Total receipts for fiscal year. |
|  |  |  |  |  | Longterm bonds (2 years or over). | Temporary loans and shortterm bonds (less than 2 years). | Total. |  |
| 1 | New York, N | $a_{11}, 754,902$ | $a_{118,740,59}$ | $11,416,07$ | 2,694,313 | ,335, | $\$ 119,027$ | $0249,184,086$ |
| 2 | Chicago, Ill | 1,189,467 | 30,841, 316 | 6,228, 62 | 500,0 | 5, 745, 336 | 6,245, 336 | 43,315, 277 |
| 3 | Philadelphia, Pa. | d1,730, 761 | d 26, 762, 596 | 11, 400,088 | 9, 025, 000 | 1,200,000 | 10,255,000 | d 48, 387,684 |
| 4 | St. Louis, Mo...... | 1,339, 868 | 12,405, 372 | 4, 638, 385 |  |  |  | 17,043, 757 |
| 5 | Boston, Mass | e11,341, 047 | f $33.357,996$ | g $3,245,381$ | 5,971,200 | 6,500,000. | 12,471,200 | h 49, 074,577 |
| 6 | Baltimore, Md | ¢ 381, 361 | i8,933, 042 | 1,084, 898 | 210,000 |  | 210,000 | i 10, 227, 940 |
| 7 | Cleveland, Ohio.. | j903, 418 | J7,068,609 | 4, 666, 939 | 1,267, 852 | 806,510 | 2,074, 362 | j 13, 809, 910 |
| 8 | Buffalo, N. Y ..... | k 521,839 | k 6, 993, 994 | 769,247 | (l) | (l) | 1, 828, 795 | k9,592, 036 |
| 9 | San Francisco, Cal | m 1, 222,947 | m 9, 574, 398 | n 823,974 |  |  |  | - 10, 898,372 |
| 10 | Cincinnati, Ohio . | 2,376, 789 | 8,491, 699 | 1,387, 915 | 1,475,998 |  | 1,475, 998 | 11, 355,612 |
| 11 | Pittsburg, Pa.... | 597,514 | $9.009,231$ | $p 7,449,751$ | 321,232 |  | , 321, 232 | p 16,780, 214 |
| 12 | New Orleans, La. . | 457, 005 | q4, 583, 492 | 1,396,050 | 3,469,500 | 145, 141 | 3, 614, 641 | $\underline{q 9,544,183}$ |
| 13 | Detroit, Mich..... | r 572, 737 | $r 5,455,950$ | $81,876,365$ | 270, 259 | 15,000 | 285, 259 | $t 7,617,574$ |
| 14 | Milwaukee, Wis .- | 14,181 | 4, 267, 743 | 451,053 | 934,926 |  | 934,926 | 5, 653, 722 |
| 15 | Washington, D.C. | u 4, 772, 604 | u 8,686, 612 | v 1, 662, 426 |  | 220, 188 | 220,183 | $w^{*} 10,569,221$ |
| 16 | Newark, N. J ..... | $x 877,003$ | $x$ 6, 199, 945 | 176,415 | 1,231,302 | 4,842,000 | 6, 073, 302 | $x 12,449,662$ |
| 17 | Jersey City, N. J .. | $y 670,886$ | $\boldsymbol{y} 4,738,729$ | $z 694,702$ | 1, 188,481 | 635, 453 | 1,823, 934 | $\text { aa } 7,257,365$ |
| 18 | Louisville, Ky .... | 218,813 | 3, 424,550 | p 325,774 | 638,000 | 217,000 | 855,000 | p $4,605,824$ |
| 19 | Minneapolis, Minn | bb 181, 913 | bb 3, 690, 007 | 600,638 |  | 290,000 | 290,000 | bb 4, 580, 645 |
| 21 | Providence, R. I .- | 140.833 | 4,320, 408 | 191,603 | 390,000 | 658, 461 | 1,048, 461 | 5, 560, 472 |
| 21 | Kansas City, Mo.. | 66, 352, 230 | 3,422, 294 | ce 883,190 | 164,081 | 235, 063 | 824, 081 | Jd 5, 789, 478 |
| 23 | St: Paul, Minn ... | 120, 467 | 2,887, 308 | 469, 724 |  | 1,296,500 | 1,296,500 | 4, 603, 532 |
| 24 | Rochester, N. Y ... | ee 332, 220 | ee $3,762,178$ | ff1, 104,525 | 34,000 | 3, 517, 000 | 3,551, 000 | g9 8, 417, 703 |
| 25 | Denver, Colo ... | 121,005 | 2, 660, 861 | hh 368,046 | 75,000 | -954 | 75, 954 | hh 3, 104, 851 |
| 26 | Toledo, Ohio | ii 89, 295 | iit $2,144,855$ | 407, 404 | 756,189 | 75,000 | 831, 189 | ii $3,383,448$ |
| 27 | Allegheny, Pa | j3155,424 | jj 2, 413, 336 | 260,178 | 1,495, 663 |  | 1,495, 663 | jJ 4, 169, 177 |
| 28 | Columbus, Ohio .. | 121, 064 | 2,177, 379 | 51, 846 | 320,900 | 303,916 | 624, 816 | 2,854,041 |
| 29 | Worcester, Mass .. | 928, 121 | 8, 383, 896 | 295, 632 | 267, 000 | 924, 937 | 1,191,937 | 4,871, 465 |
| 30 | Syracuse, N. Y.... | 147, 442 | 3,061, 662 | lok 142,256 | 899,500 | 2,650,379 | 3, 549, 879 | kek 6, 753,797 |
| 31 | New Haven, Conn. | 2178, 412 | $111,739,843$ | 304, 362 |  | 1,255,000 | 1,255, 000 | $113,299,205$ |
| 32 | Paterson, N. J ..... | 209, 632 | 1,607,062 | 74, 392 | 150,000 | 1,889,000 | 2,039,000 | 8,720,454 |
| 33 | Fall River, Mass.. | 66, 291 | 1,832,147 | 110,668: | 309,509 | 500, 400 | 809, 909 | 2,752, 724 |

a Including $\$ 1,285,821$ received from State for schools.
$b$ Including $\$ 4,863,459$ cash in sinking fund.
c Including $\$ 1,285,821$ received from State for schools and $\$ 4,863,459$ cash in sinking fund.
$a$ Including $\$ 888,813$ received from State for schools.
e Including $\$ 88,979$ received from county.
$f$ Including $\$ 233,814$ received from county.
gIncluding cash in county treasury.
Including $\$ 233,814$ received from county and cash in county treasury.
$i$ Including $\$ 303,335$ received from State for schools.
$j$ Including $\$ 154,357$ received from State for schools.
${ }^{k}$ Including $\$ 162,978$ received from State for schools.
$l$ Not reported.
$m$ Including $\$ 316,715$ collected for State.
$n$ Including $\$ 167,669$ cash in sinking fund and $\$ 6,625$ cash in State fund.
olncluding $\$ 167,669$ eash in sinking fund and $\$ 323,340$ State funds.
$p$ Including cash in sinking fund.
$q$ Including tax for school district extending beyond city limits.
r Including $\$ 163,847$ received from State for schools.
s Including $\$ 822,787$ cash in sinking fund.
t Including $\$ 163,847$ received from State for achools and $\$ 822,787$ cash in sinking fund.
uIncluding $\$ 4,427,068$ appropriated from funds of U. S. Treasury as explained on pages 905 and 904.
v Including $\$ 348,756$ trust funds.
wincluding $\$ 348,756$ trust funds and $\$ 4,427,068$ appropriated from funds of United States Treasury.
$x$ Including $\$ 164,494$ received from State for schools.
$y$ Including $\$ 241,626$ recelved from State for schools and $\$ 16,671$ received from county for elections.
$z$ Including $\$ 72,306$ cash in sinking fund.
aa Including $\$ 241,626$ received from State for schools, $\$ 16,671$ received from county for elections, and
$\$ 72,306$ cash in sinking fund.
$b b$ Including $\$ 116,922$ received from State for schools.
ce Including \$143,301 cash in sinking fund.
dd Including $\$ 917,694$ special tax property sales and $\$ 143,301$ cash in sinking fund
ee Including 882,108 received from State for schools.
$f f$ Including $\$ 637,200$ cash in sinking fund.
gg Including $\$ 82,108$ received from State for schools and $\$ 637,200$ cash in sinking fund.
$h h$ Including $\$ 191,899$ cash in sinking fund.
ii Iucluding $\$ 51,934$ received from State for schools.
fj Including $\$ 88,687$ received from State for schools.
kek Including $\$ 23,326$ cash in sinking fund.
$l l$ Including $\$ 59,768$ received from State for schools.

Table XX.-REGEIPTS FROM aLL SOURGES (1)-Continued.

| $\begin{aligned} & \text { Mar- } \\ & \text { ginal } \\ & \text { num- } \\ & \text { ber. } \end{aligned}$ | Cities. | Actual income for fiscal year. |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | $\left\|\begin{array}{c} \text { Property } \\ \text { tax. } \end{array}\right\|$ | Franchise tax. | Liquor licenses. | $\left\|\begin{array}{c} \text { other } \\ \text { censes. } \end{array}\right\|$ | Fines and fees. | Franchise grants. | Special assessments. | Trust funds, interest, and dividends. |
| 34 | St |  |  | 663 | 22, 950 | \$17,596 |  |  |  |
| 35 | Omaha, Nebr | 1,228, 115 | 13,243 | 239,000 | 27,588 | 4,973 |  | 175,631 | 7,774 |
| 36 | Los Angeles, Ca | 919,225 |  | 140,688 | 48,939 | 19,892 | \$36,300 |  | 2,077 |
| 37 | Memphis, Tenn | 856,631 |  | (a) | b 74, 785 | 23, 827 | 10,000 | 188, 966 |  |
| 88 | Scranton, Pa. | 606,741 |  | 165,561 | 3,421 | 12,681 |  | 103, 771 | 16,068 |
|  | Lowell, Mass | 1,364,963 |  | 166,600 | 11, 877 | 10,281 |  | 39,326 | 71,991 |
| 40 | Albany, N . | 1, $1,348,684$ | (d) ${ }^{\text {d }}$ | 141,946 | 5,049 | 3;167 | 3,111 | 161,851 | 30,819 |
| 41 | Cambridge, Mass | 1,641, 311 | 83, 998 | 46 | 4,922 | 12, 269 |  | 20,689 | 11, 705 |
| 42 | Portland, Oreg | 476,755 |  | 115, 150 | 59,950 | 15,551 |  | 259,843 | 2,973 |
| 43 | Atlanta, Ga, | 777,080 |  | 88, 063 | 98,690 | 55, 027 |  | 77,051 | 4,528 |
| 45 | Dayton, Ohio..... | 881, 156 | 350 | 68,823 | 2,562 | 6,088 |  | 349,667 | 7, 550 |
| 46 | Richmond, Va... | 1,047,188 |  | 18,125 | 40, 945 | 5,788 |  |  |  |
| 47 | Nashville, Tenn | 510,978 | 5,104 | ${ }^{(a)}$ | 102, 311 | 17,679 |  | ${ }_{51,886}^{4,861}$ |  |
| 48 | Seattle, Wash.. | 578,531 | 8,128 | 125,010 | 41, 751 | 56, 779 | 1,000 | 515,081 | 1,819 |
| 49 | Hartford, Conn | 1, 328,518 | 10,550 | 75,180 67,660 |  |  |  | 36,066 | 29,074 |
| 51 | Wilmington, De | 520,861 |  |  | 16,076 | 5,675 |  | 31,151 | 8,243 |
| 52 | Camden, N. J | 711,495 |  | 113,774 | 4,563 | 4, 879 |  |  | 19 |
| 53 | Trenton, N.J | 881, 554 |  | 104,000 | 1,925 | 6,546 |  | 114, 737 | 44, 857 |
| 54 | Bridgeport, Co | 783,902 988,029 |  | 126,000 | 13,578 | 11, 686 |  | 28,817 20,375 | 4,530 |
| 66 | Oakland, Cal | 503, 606 | 141 | 81,200 | 15, 179 | 5, 301 |  | 20, | 328 |
| 57 | Lawrence, Mass | 659, 379 | 6,601 | 158, 609 | 2,659 | 6, 475 |  | 18,511 | 17, 853 |
| 58 | New Bedford, Mass | 979, 138 | 5,001 | 85, 732 | 2,629 | 6,613 | 10,614 | 8,200 | 3,726 |
| 59 | Des Moines, Iowa | 883,266 | 5,863 | 63,490 | 14,100 | 19,145 |  | 1,620 | 2,852 |
| 61 | Somerville, Mass | 1,914, 327 |  | - 31 | 4, 138 | 5,452 |  | 38,979 | 100 |
| 62 | Troy, N. Y | c746,510 | (d) | 107,783 | 646 | 260 |  | 52, 343 | 3,460 |
| 63 | Hoboken, $\mathrm{N} . \mathrm{J}$ | 633,332 | 13, 955 | 90, 500 | 6,576 | 4,813 |  | 6,093 |  |
| ${ }_{6}^{64}$ | Evansville, Ind. | 704, 491 | 4,075 | 20,445 | 9,148 |  |  | 42,683 | 2,297 |
| 66 |  | c527,579 | (d) | 83,948 | ${ }^{4,} 326$ | 6,620 |  | 195, 094 | 1,087 |

$a$ Included in income trom other licenses.
$b$ Including income from liquor licenses.

- Including income from franchise tax.
dincluded in income from property tax.
$e$ Data are for 11 months.

TABLE XX.-RECEIPTS FROM ALL SOURCES (2)-Continued.

| Mar- <br> ginal <br> num- <br> ber. | Cities. | Actual income for fiscal year. |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Waterworks. | Gas works. | Elec-triclight plants. | $\begin{gathered} \text { Docks } \\ \text { and } \\ \text { wharves. } \end{gathered}$ | Ferries <br> and <br> bridges | Markets. | Cemeteries. | Bath houses and bathing pools and beaches. |
| 34 | St. Joseph, Mo |  |  |  |  |  | \$2,987 |  |  |
| 35 | Omaha, Nebr |  |  |  |  |  |  |  |  |
| 36 | Los Angeles, Cal |  |  |  |  |  | 2,468 |  |  |
| 37 | Memphis, Tenn. |  |  |  | \$5,434 |  | 7,255 |  |  |
| 38 | Scranton, Pa... |  |  |  |  |  |  |  |  |
| 39 | Lowell, Mass | \$201, 122 |  |  |  |  |  | \$8,557 |  |
| 40 | Albany, N. Y | 287, 717 |  |  | 1,000 |  | 2,988 |  |  |
| 41 | Cambridge, Mass | 335,347 |  |  |  | $\$ 890$ |  | 17, 467 | \$1,778 |
| 42 | Portland, Oreg | 281,233 |  |  |  |  |  |  |  |
| 43 | Atlanta, Ga........ | 140,288 |  |  |  |  |  | 4,795 |  |
| 44 | Grand Rapids, Mic | 109, 554 |  |  |  |  | 6,732 | 18,574 |  |
| 45 | Dayton, 0hio ..... | 92,872 |  |  |  |  | 21, 415 |  |  |
| 46 | Richmond, Va... | 153,245 | \$217, 714 |  |  |  | 17,505 | 7,725 |  |
| 47 | Nashville, Tenn | 150, 820 |  |  | - 944 |  | 10,589 |  |  |
| 48 | Seattle, Wash... | 227, 361 |  |  | 1,494 |  |  |  |  |
| 49 | Hartford, Conn. | 258,857 |  |  |  |  |  | 2,859 |  |
| 50 | Reading, Pa ..... | 172,962 |  |  |  |  | 2 |  |  |
| 51 | Wilmington, Del | 194, 380 |  |  | 1,444 |  | 500 |  | 204 |
| 52 | Camden, N.J. | 168, 307 |  |  |  |  |  |  |  |
| 53 | Trenton, N.J.... | 128,006 |  |  |  |  |  |  |  |
| 54 | Bridgeport, Conn |  |  |  | 152 | 100 |  |  |  |
| 55 | Lynn, Mass...... | 199,849 |  |  |  |  |  | 19,535 |  |
| 56 | Oakland, Cal .... |  |  |  | 5,141 |  |  |  |  |
| 57 | Lawrence, Mass... | 108, 487 |  |  | 4,181 | 27 |  | $\begin{array}{r}\text { 9,188 } \\ 15 \\ \hline 179\end{array}$ |  |
| 59 | Des Moines, Iowa . | 118,191 |  |  | 4,131 |  |  | 12,624 | 063 |
| 60 | Springfield, Mass . | 237, 827 |  |  |  |  |  |  |  |
| 61 | Somerville, Mass | 200, 499 |  |  |  |  |  |  |  |
| 62 | Troy, N. Y .... | 173, 464 |  |  |  |  | 28 |  |  |
| 63 | Hoboken, N.J ... | 173, 142 |  |  |  |  |  | 4,675 |  |
| 64 | Evansville, Ind.. | 83,923 |  |  | 2,485 |  | 1,489 | 11,479 |  |
| 65 | Manchester, N. H. | 138, 206 |  |  |  |  |  | 8,707 |  |

$\alpha$ Data are for 11 months.

Table XX.-RECEIPTS FROM ALL SOURCES (3)-Continued.

| $\begin{gathered} \text { Mari- } \\ \text { ginaul } \\ \text { num- } \\ \text { ber. } \end{gathered}$ | Cities. | Actual income for fiscal year. |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  | Loans. |  |  |
|  |  | Other. | Total. | Cash on hand at ning of year. | $\begin{aligned} & \text { Long- } \\ & \text { terme } \\ & \text { bonds } \\ & \text { (2 years } \\ & \text { or } \\ & \text { over). } \end{aligned}$ | Tempo- rary loand and short- term bonds (hess than 2 years). | Total. | Total receipts for |
| $\begin{aligned} & 34 \\ & 35 \\ & 36 \\ & 37 \\ & 38 \\ & 39 \\ & 40 \\ & 41 \\ & 42 \\ & 43 \\ & 44 \end{aligned}$ | St. Joseph, | a \$209, 296 | $\begin{aligned} & a 81,407,641 \\ & b, 1,790,236 \end{aligned}$ | $\$ 2255,012$ | $\begin{gathered} \$ 149,416 \\ 395 ; \\ \hline 802 \end{gathered}$ | ........... | $\begin{array}{r} \$ 149,416 \\ 395,802 \end{array}$ | $\begin{array}{r} a \$ 1,812,069 \\ b 2,639,076 \\ 0 \end{array}$ |
|  |  | - $\begin{gathered}693,962 \\ c 634,272\end{gathered}$ |  |  |  | ........... |  |  |
|  | Memphis, Tenn.: | 76, 392 | ${ }^{1}$ | 189,717 | 250,000152,51156 |  | $\begin{array}{r}1995,802 \\ 250,000 \\ \hline\end{array}$ |  |
|  | Scranton, Pa ..... | [742, 607 | ${ }^{\text {i } 2,032,933}$ | ${ }^{9} 9399,934$ |  |  |  | $h 1,5188$ $h 33,312,097$ |
|  | Albany, N. Y . | ${ }^{1855,870}$ | ${ }^{12} 2,072,202$ | 297, 537 |  |  |  |  |
|  | Cambridge, Mass. | ${ }_{m}^{3926,280}$ | ${ }_{n}^{2,521,987,937}$ |  | 633,000 |  | $1,183,000$ 42,000 | - ${ }^{3}, 9800,636$ |
|  | Atlanta, ©a. | - 188,513 | o1,434, 035 | 209, 885 | $1{ }^{1}$ | $\begin{gathered} 42,000 \\ 175,000 \end{gathered}$ | 625,012 |  |
|  | ${ }_{\text {Grand }}^{\text {Mich }}$. Rapio. | 36,093 | p1,403,947 |  | $\begin{gathered} 153,938 \\ 142,427 \end{gathered}$ |  | 153,938 <br> 304,375 |  |
| ${ }_{46}^{45}$ | Dayton, Ohio |  | 1,517,056 | a 805,929 |  | 161,948 |  |  |
| 47 | Nashville, Ten | ${ }^{r} 1387,106$ | ? 9 940, 367 | 118,721 | 142,427 | 1...... | $304,375$ |  |
| ${ }_{49}^{48}$ | Seattle, Wash | ${ }^{3} 229,621$ | ${ }^{81,786,189}$ | 371,5 | 150,000 | $\begin{array}{r}73,000 \\ 3446 \\ \hline\end{array}$ |  |  |
| 5 | Reading, Pa. |  |  | 246, 402 | i $\mathrm{i} 0,16{ }^{\text {it }}$ | 334,673 |  |  |
| $\begin{aligned} & 51 \\ & \begin{array}{c} 52 \end{array} \\ & \hline 68 \end{aligned}$ | Wilmington, D | x 39, 380 | ${ }^{2} 812,864$ | 46, 189 | 250, 288 |  |  |  |
|  | Camden, N. J. | ${ }^{\text {y }} 888,966$ | ${ }^{1} 1,092,003$ | 157,207 | ${ }^{116,076}$ | 106,600 2,000 | 222, 576 <br> 357 |  |
| $54$ | Trenton, N, J..... | $z 169,422$ ca 71,821 | a$z 11,401,067$ <br> a $1,030,586$ | 128, 156 | - ${ }^{307}$ [07, 715 | 14,300503,792 |  |  |
|  | Lynn, Mass. |  |  | 68, 689 | 104,000 |  | 607, 792 |  |
| $\begin{aligned} & 57 \\ & 58 \\ & 58 \end{aligned}$ | Lawrence, Mass. | 62,215 | i,050,004 | 50,910 | 67,000 | $\begin{array}{r} 540,000 \\ 1,288,000 \end{array}$ | 607,000 | 1,707,914 |
|  | New $\begin{aligned} & \text { Mass.......... }\end{aligned}$ |  |  |  |  |  |  |  |
| $\begin{aligned} & 59 \\ & 60 \\ & 61 \\ & 62 \\ & 63 \\ & 64 \\ & 65 \\ & 66 \end{aligned}$ | Des Moin | ad 290,132 | dd 973, 155 | - 224, | 81,500 |  | 1, 83, |  |
|  | Springfield, Mass. Somervile, Mass. | 201, 1120 | 1,693,593 | - ${ }^{3268,685}$ | $\begin{aligned} & 146,000 \\ & 181, ~ \\ & 189 \\ & \hline 109 \end{aligned}$ | 750,000445,000 | 896, 000 <br> 626,69 |  |
|  | Troy, N.Y. ${ }_{\text {Hobolen }}$ | -67, 156 | - $\begin{array}{r}1,151,685 \\ 1,087 \\ \hline\end{array}$ |  |  |  |  |  |
|  | Evansville, Ind... | 13,213 | 898, | 95, 701 | $\begin{aligned} & 181,694 \\ & 197,909 \end{aligned}$ |  | $\begin{gathered} 204,409 \\ 9,556 \\ \hline \end{gathered}$ |  |
|  | Manchester, N. ${ }^{\text {a }}$ - | 11,629 | 975,767 | 1465,516 | 2 | 240, 260 | 539,682 | gy 1,466,521 |

a Including $\$ 198,506$ received from State for schools.
$b$ Including $\$ 42,415$ received from State for schools.
cIncluding $\$ 468,165$ received from State and county for schools.
$d$ Including cash in sinking fund.
eIncluding 8468,165 received from State and county for schools, and cash in sinking fund.
$f$ Including $\$ 69,879$ received from State for schools.
$g$ Including $\$ 239,537$ cash in sinking fund.
hincluding $\$ 69,879$ received from state for sehools, and $\$ 239,537$ cash in sinking fund.
Including \$122,451 received from state.
3 Including $\$ 25,346$ cash in sinking fund.
$k$ Including $\$ 122,451$ received from state and $\$ 25,346$ cash in sinking fund.
3 Including $\$ 65,379$ received from State for schools and charitable purposes
$m$ Including $\$ 176,298$ received from State and county for schools
$n$ Including $\$ 176,298$ received from State and county for schools, and cash in sinking fund.

- Including $\$ 41,530$ received from State for schools.
$p$ Including $\$ 79,205$ received from State for schools.
gIncluding $\$ 79,205$ received from State for schools, and cash in sinking fund.
$r$ Including $\$ 117,897$ received from State and county for schools.
sIncluding $\$ 128,134$ received irom State for schools.
$t$ Including $\$ 37,645$ received from state for schools.
$u$ Including $\$ 102,003$ cash in sinking fund.
$v$ Including $\$ 37,645$ received from State for schools and $\$ 102,003$ cash in sinking fund.
$w$ Including $\$ 65,103$ received from state for sehools.
$x$ Including $\$ 22.516$ received from State for sehools.
$\boldsymbol{v}$ Including $\$ 84,348$ received from State for schools.
$z$ Including $\$ 95,717$ received from state for schools.
aa Including 839,249 recelved from state for schools.
bb Including $\$ 24,336$ received from State.
colncluding $\$ 255,713$ received from State and county for schools.
dd Including $\$ 23,069$ received from county for schools.
ee Including $\$ 98,589$ received from state
if Data are for 11 months.
00 Including $\$ 26,101$ received from State for schools.

TABLE XX.-RECEIPTS FROM ALL SOURCES (1)-Continued.

| Mar- <br> ginal <br> num- <br> ber. | Cities. | Actual income for fiscal year. |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Property tax. | Franchise tax. | Liquor licenses. | $\begin{aligned} & \text { Other } \\ & \text { li- } \\ & \text { censes. } \end{aligned}$ | Fines and fees. | Franchise grants. | Special assessments. | Trust funds, interest, and dividends. |
| 67 | Peoria, Ill | \$600,351 |  | \$92,666 | \$5,729 | \$9,037 |  | \$112,417 |  |
| 68 | Charleston, S. ${ }^{\text {c }}$ | 615,724 |  | .... | 89, 587 | 7,658 |  | *112, 21 |  |
| 69 | Savannah, Ga | 501, 125 |  | 48,617 | 107, 752 | 6,746 |  |  |  |
| 70 | Salt Lake City, Uts | 597, 518 |  | 96, 475 | 48, 390 | 16,402 | \$1,000 | 101, 137 | \$5,992 |
| 71 | San Antonio, Tex . | 356, 115 |  | (a) | b29, 684 | 6,395, | 500 | 143, 649 |  |
| 72 | Duluth, Minn . . . | 660, 762 |  | 167,000 | 11, 631 | 19, 627 i |  | 101, 576 | 3,860 |
| 73 | Erie, Pa ....... | 390, 188 |  | 54,476 | 2,070 | 5,653 |  | 43, 129 | 2,513 |
| 74 | Elizabeth, N. J.. | 546, 422 |  | 57,356 | 2. 460 | 4, 402 |  | 120,287 | 1,119 |
| 75 | Wilkesbarre, Pa .. | 307, 959 |  | 68,400 | 6,719 | 5,133 |  | 15,063 | 187 |
| 76 | Kansas City, Kans | 427, 201 |  |  | 34,346 | 70,371 |  | 115,178 | 3,450 |
| 77 | Harrisburg, Pa | 340,067 816,757 |  |  | 11,821 1,545 1 | 2,490 5,400 | 20,000 | 46,211 3,603 | 1,516 |
| 79 | Yonkers, $\mathbf{N}$. $\mathbf{Y}$... | 860,649 | 15,348 | 48,477 | 1,554 | 2,341 |  | 123, 447 | 43,405 15,195 |
| 80 | Norfolk, Va | 447, 684 | - | 35, 059 | 125, 551 | 2,473 |  | -853 | 1837 |
| 81 | Waterbury, Conn | 368,241 |  | 55,684 | 1,118 | 5,977 |  | 25,994 | 18,108 |
| 82 | Holyoke, Mass. | 656,752 | 3,544 | 70, 625 | 2,507 | 4,308 |  | 3,281 | 25,010 |
| 88 | Fort Wayne, Ind.. | 826, 095 |  | 20,700 | 8,580 | 1,253 |  | 188,505 | 1,654 |
| 84 | Youngstown, Ohio | 824, 367 |  | 42,096 | d 5,258 | (a) |  | 91, 489 |  |
| 85 | Houston, Tex.. | 401, 256 |  | 18,075 | 2,985 | 25,289 |  | 146,000 |  |
| 86 | Covington, Ky | 401, 894 |  | 18,045 | 10,643 | 5,793 | 5,500 | 15,884 |  |
| 87 | Akron, Ohio | 843, 956 |  | 30,428 | 146 | 4,506 |  | 69,410 |  |
| 88 | Dallas, Tex.... | e850, 687 | (f) | (a) | b25, 256 | 14, 057 | 3,625 | 32,706 |  |
| 89 | Saginaw, Mich | 405, 812 |  | 32,877 | 2,491 | 4,726 |  | 4,205 | 5,880 |
| 90 | Lancaster, Pa. | 227, 141 |  | 31,004 | 5,851 | 1,584 |  |  | 3,230 |
| 91. | Lincoln, Nebr | 318, 974 | 500 | 42,000 | 3,352 | 2,289 |  | 48,839 |  |
| 92 | Brockton, Mass. | 679, 584 | '6,564 |  | 200 | 7,476 |  | 10,095 | 2,438 |
| 93 | Binghamton, N. Y | 838, 585 |  | 29,887 | 2,639 | 5,771 |  | 21,564 | 5,435 |
| 94 | Augusta, Ga...... | 246,680 | 11,667 | 15,350 | 49,511 | 10,861 |  | 6,775 | 2,311 |
| 95 | Pawtucket, R.I | - 561,952 | 1,670 | 927,426 | 6,587 | 8,821 |  | 12,781 | 9,812 |
| 96 | Altoona, Pa. | 236,816 |  | 16,549 | 2,170 | 2,332 |  | 13,454 | 696 |
| 97 | Wheeling, W. | 282, 457 | 760 | 38,986 | 6,432 | 6,924 |  |  |  |
| 98 | Mobile, Ala....... | 95, 809 |  | 10, 450 | 63, 044 | 7,878 | 420 |  |  |
| 99 | Birmingham, Ala | 211, 106 |  | 58,414 | 92,351 | 30,659 |  | 4,311 |  |
| 100 | Little Rock, Ark | 120, 835 | 1,883 | 24,480 | 28,065 | 37, 684 |  |  |  |
| 101 | Springfield, Ohio | 815,851 |  | 25,672 | 1,208 | 2,581 |  | 32, 973 |  |
| 102 | Galveston, Tex | h437, 149 |  | (a) | b26,982 | 2,012 |  | (f) | 35,776 |
| 103 | Tacoma, Wash. | 407, 579) |  | b6, 4001 | 12,242 | 38,866 |  | 56,833 | 48,418 |
|  |  | a Included in income from other licenses. <br> $b$ Including income from liquor licenses. <br> c Data are for 9 months. <br> dincluding income irom fines and fees. <br> PIncluding income from franchise tax. <br> $f$ Includedin income from property tax. <br> $o$ For 7 months only. <br> $h$ Including income from special assessments. |  |  |  |  |  |  |  |

Table XX.-RECEIPTS FROM ALL SOURCES (2)-Continued.

| $\begin{aligned} & \text { Mar- } \\ & \text { ginal } \\ & \text { num- } \\ & \text { ber. } \end{aligned}$ | Cities. | Actual income for fiscal year. |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Waterworks. | $\begin{gathered} \text { Gas } \\ \text { works. } \end{gathered}$ | $\begin{array}{r} \text { Elec- } \\ \text { tric- } \\ \text { light } \\ \text { plants. } \end{array}$ | $\begin{gathered} \text { Docks } \\ \text { and } \\ \text { wharves. } \end{gathered}$ | Ferries and bridges | Markets. | Cemeteries. | Bath houses band ing pools and es. |
| 67 | Peoria, Ill |  |  |  |  |  |  |  |  |
| 68 | Charleston, S.C |  |  |  |  |  | \$3,101 |  |  |
| 69 | Savannah,Ga.... | \$93, 370 |  |  | \$5,512 |  | 13,996 | \$2,596 |  |
| 70 | Salt Lake City, Utah | 78,934 |  |  |  |  | 4,160 | 10,004 1,350 | \$1,200 |
| 72 | Duluth, Minn ....... | 127,756 | \$65,941 |  |  |  |  |  |  |
| 73 | Erie, Pa | 135,390 |  |  | 47 |  | 481 |  |  |
| 74 | Elizabeth, N.J. |  |  |  |  |  | 662 |  |  |
| 75 | Wilkesbarre, Pa . |  |  |  |  |  |  | 942 |  |
| 76 | Kansas City, Kans. |  |  |  |  |  |  | 25 |  |
| 77 |  | 118,398 |  |  |  |  |  |  |  |
| 78 | Portland, Me. ${ }_{\text {Yonkers, }}(\mathbf{N}$. | 131, 773 |  |  | 882 | \$2,000 |  | 34, 399 | 1,544 |
| 80 | Norfolk, Va. . | 130, 109 |  |  | 882 |  | 9,168 | 6,669 | 1,34 |
| 81 | Waterbury, Conn.. | 122,044 |  |  |  |  |  |  |  |
| 82 | Holyoke, Mass.... | 96, 255 |  |  |  |  |  |  |  |
| 83 | Fort Wayne, Ind .... | 62,378 |  |  |  |  | 900 |  |  |
| 84 | Youngstown, Ohio | 77,461 |  |  |  |  |  |  |  |
| 88 | Houston, Tex........ | 79, 188 |  |  |  | 1,500 | 11,688 |  |  |
| 87 | Akron, Ohio.. | 7,188 |  |  | 191 | 1,600 |  |  |  |
| 88 | Dallas, Tex | 84,271 |  |  |  |  |  |  |  |
| 89 | Saginaw, Mich | 46, 689 |  |  |  | 300 | 4 204 | 7,187 |  |
| 90 91 | Lancaster, Pa..... | 92,700 |  |  |  |  | 4,516 |  |  |
| 92 | Lincoln, B , br | 81,111 |  |  |  |  |  | 3,494 |  |
| 93 | Binghamton, N . Y . | 106,929 |  |  |  |  |  |  |  |
| 94 | Augusta, Ga ........ | 59, 434 |  |  | 2,166 |  |  | 2,358 |  |
| 96 | Pawtucket, R. I. . . Altoona, | 200,919 74,230 |  |  |  |  |  | 6,746 |  |
| 97 | Wheeling $\mathbf{W}$. Va . | 130, 378 | 103,505 |  | 739 |  | 8,485 | 390 |  |
| 98 | Mobile, Ala....... | 41,160 |  |  |  |  | 9,559 | 4,693 |  |
| 109 | Birmingham, Ala. <br> Little Rock, Ark. |  |  |  |  |  |  | 3,360 $\mathbf{2} 342$ |  |
| 101 | Springfield, Ohio | 45,644 |  |  |  |  | 8,509 | $\begin{array}{r}2,342 \\ \hline 141\end{array}$ |  |
| 102 | Galveston, Tex .. | 66, 529 |  |  |  |  | 140 | 1,165 |  |
| 103 | Tacoma, Wash.... | 128,460 |  | \$80,485 | 1,365 |  |  |  |  |

$a$ Data are for 9 months.

TABLE XX.-RECEIPTS FROM ALL sOURCES (3)-Continued.

| Mar- <br> ginal <br> num- <br> ber. | Cities. | Actual income for fiscal year. |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  | Loans. |  |  |
|  |  | Other. | Total. | Cash on hand at beginning of fiscal year. | Longterm bonds (2 years or over). | Temporary loans and shortterm bonds (less than 2 years). | Total. | Total receipts for fiscal year. |
| 67 | Peoria, Ill . . . . . | \$31, 498 | \$851, 698 | \$68,780 | \$20, 700 | \$55, 164 | \$75, 864 |  |
| 68 | Charleston, S. C... | 25, 218 | 641, 238 | 29, 350 |  |  |  | 670,588 |
| 69 | Savannah, Ga.... | 78,091 | 857, 805 | 14,311 |  |  |  | 872,116 |
| 70 | Salt Lake City, Utah | 98, 394 | 1, 055, 446 | 215, 952 |  | 16,216 | 16,216 | 1,287,614 |
| 71 | San Antonio, Tex. | a 76, 907 | $\boldsymbol{a} 618,660$ | 32, 858 | 300,000 | 99,453 | 399, 453 | a 1,050,971 |
| 72 | Duluth, Minn .... | 188, 055 | 1,341, 208 | b391, 190 | 149,000 | 8,120 | 157, 120 | b1,889,518 |
| 73 | Erie, Pa ........... | c 53,025 | c 686,972 | 55, 193 | 33, 415 |  | 33, 415 | c775, 580 |
| 74 | Elizabeth, N.J.... | d72,935 | d803, 643 | 115, 311 | 24,500 | 129, 444 | 153,944 | d 1, 072, 898 |
| 75 | Wilkesbarre, Pa.. | e 43, 431 | e437, 834 | f 94,393 |  | 3,509 | 3,509 | g 535, 736 |
| 76 | Kansas City, Kans | h21,986 | h 672, 557 | 223, 324 | 351, 559 |  | 351, 659 | h 1, 247, 440 |
| 77 | Harrisburg, Pa ... | i57,780 | i 598,278 | J82,118 | 75, 010 |  | 75, 010 | k755, 406 |
| 78 | Portland, Me. ( ${ }^{\text {l }}$ ) . | m141, 838 | $m 1,048,947$ | 77, 607 |  | 250,000 | 250,000 | m 1, 376, 554 |
| 79 | Yonkers, N. Y .... | $n 40,580$ | n1, 231, 785 | 214, 946 | 223, 955 | 571,728 | 795, 683 | n2,242,414 |
| 80 | Norfolk, Va ....... | -247, 609 | -1, 005, 712 | 194, 217 | 905,000 | 160,087 | 1,065, 087 | o2,265,016 |
| 81 | Waterbury, Conn. | p 55,493 | p647, 659 | 76,890 | 435, 000 | 50,000 | 485,000 | p1,209, 549 |
| 82 | Holyoke, Mass.... | 83,488 | 945,770 | 182, 497 |  | 525,000 | 525, 000 | 1,653,267 |
| 83 | Fort Wayne, Ind. | 94, 940 | 705, 005 | 2195, 837 | 54,458 |  | 54, 458 | - 4955,300 |
| 84 | Youngstown,Ohio | r 23,970 | r 564,636 | 280, 475 | 280,510 | 33,000 | 313, 510 | r1, 158, 621 |
| 85 | Houston, Tex .... | s 104, 782 | s710, 272 | 193, 749 | 375,000 | 52,000 | 427, 000 | s1, 331, 021 |
| 86 | Covington, Ky.... | 41, 165 | 581,483 | 151, 714 |  | 161,840 | 161,840 | 895,037 |
| 87 | Akron, Ohio. | $t 100,336$ | $t 548,781$ | u162, 595 | 122,741 | 50,000 | 172, 741 | $v 884,117$ |
| 88 | Dallas, Tex | w61, 145 | 20571,597 | 123, 866 |  | 11, 489 | 11, 489 | ${ }^{*} 706,952$ |
| 89 | Saginaw, Mich ... | $x 35,794$ | $x 546,165$ | 42, 810 | 104, 140 | 2,906 | 107, 046 | $x 696,021$ |
| 90 | Lancaster, Pa .... | 231,122 | ท397, 148 | 58,062 |  |  |  | $y 455,210$ |
| 91 | Lincoln, Nebr .... | z 69,687 | $z 539,223$ | 51, 380 | 60,325 |  | 60, 825 | z650,928 |
| 92 | Brockton, Mass... | 100, 710 | 891, 622 | 34,743 | 126,353 | 535,000 | 661, 353 | 1, 587, 718 |
| 93 | Binghamton, N. Y. | a ${ }^{4} 44,336$ | aa 550, 146 | 179,606 | 56,658 | 24,697 | 81, 355 | aa811, 107 |
| 94 | Augusta, Ga...... | 75, 747 | 482, 860 | 18,561 | 65, 000 | 323, 000 | 388, 000 | 889,421 |
| 95 | Pawtucket, R.I... | bb23, 079 | bb 854, 793. | 2,279 |  | 319, 924 | 319,924 | b b 1, 176,996 |
| 96 | Altoona, Pa....... | 025,864 | o373, 544 | 57,489 |  |  |  | -431, 033 |
| 97 | Wheeling, W. Va . | 3,371 | 582, 377 | 45,630 |  | ce 82,476 | cc 82,476 | ce 710,483 |
| 98 | Mobile, Ala....... | 15,367 | 248, 375 | 3,906 | 126,500 |  | 126,500 | 378, 781 |
| 99 | Birmingham, Ala. | 46, 188 | 441, 389 | 183, 792 | 100,000 |  | 100,000 | 725,181 |
| 100 | Little Rock, Ark - | $\begin{array}{r}6,097 \\ \hline 18,566\end{array}$ | 221,186 | 19,142 |  | 24,969 | 24,969 | 265,297 |
| 101 | Springfield, Ohio - | 18,566 | $451,445$ | 130, 335 | 77,000 | 121, 040 | 198,040 | 779,820 |
| 102 | Galveston, Tex ... | dd 166, 376 | $d a 736,129$ | 428, 840 |  |  | ........ | dd 1, 164,969 |
| 103 | Tacoma. Wash....) | ee 107, 191 | ee982,825 | ff 126, 723 |  |  |  | g9 1, 059,548 |

[^15]Table XX.-RECEIPTS FROM ALL SOURCES (1)-Concluded.

| $\begin{aligned} & \text { Mar- } \\ & \text { ginal } \\ & \text { num- } \\ & \text { ber. } \end{aligned}$ | Cities. | Actual income for fiscal year. |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | $\begin{gathered} \text { Property } \\ \text { tax. } \end{gathered}$ | Franchise tax. | Liquor licenses. | $\begin{gathered} \text { Other } \\ \text { li- } \\ \text { censes. } \end{gathered}$ | Fines and fees. | Franchise grants. | Special ments. | Trust funds, interest and dividends. |
| 104 | Have | \$475, 832 | \$14, | \$67, 400 | \$4, 251 | \$5,000 |  | \$10,547 | \$70,130 |
| 105 | Spokane, Wash | 455, 441 | 1,750 | 58,300 | 9,781 | 29, 815 |  | 109, 184 |  |
| 106 | Terre Haute, Ind..... | 390, 821 |  | 40, 924 | 808 | 3,836 |  | 33,407 |  |
| 107 | Dubuque, Iowa....... | 337, 318 |  | 42,136 | 2,176 | 5,606 |  | 48,369 |  |
| 108 109 | Quincy, Ill . . . . . . ${ }^{\text {South }}$ | 308,367 291,540 |  | 68,941 13,600 | 1,882 | 1,703 2,623 |  | 9, 179,888 |  |
| 109 | South Bend, Ind ..... Salem, Mass ........ | 291,540 520,847 | 6,813 | 13,600 17 | 2,624 | 2,623 3,148 |  | 179,985 4,444 | 4,894 |
| 111 | Johnstown, | 178, 758 |  | 21, 450 | 18,802 | 6,002 |  |  | 4,075 |
| 112 | Elmira, N. Y | 369, 941 |  | 36, 760 | 4,461 | 2,181 |  | 53,003 | 1,570 |
| 113 | Allentown, Pa | 196, 508 |  | 30,994 | 6,738 | 3,258 |  |  | 3,438 |
| 114 | Davenport, Iowa ..... | 383, 752 |  | 62,738 | 7,987 | 15, 313 |  | 92, 769 |  |
| 115 | McKeesport, Pa ...... | 261, 946 |  | 29,200 | ${ }^{9} 8001$ | 6,469 |  | 63,553 | 8,751 |
| 116 | Springfield, IIl ....... | 276,513 | 1,649 | 75, 297 | 8,365 | 9,010 |  | 12,498 |  |
| 117 | Chelsea, Mass ......... | 439, <br> 224,754 | 1,403 | 18,258 | $\mathbf{3 , 1 4 0}$ $\mathbf{2 , 0 1 6}$ | 3,641 4,451 |  | 2, 26, 289 | 11,017 |
| 119 | York, Ya. | 183, 208 |  | 13,790 | 9,012 | 522 |  |  | 132 |
| 120 | Malden, Mass | 479, 383 | 21, 064 | 20 | 579 | 1,586 |  | 46, 027 | 10,812 |
| 121 | Topeka, Kans ......... | 313, 796 |  |  | 6,859 | 11,278 |  |  |  |
| 122 | Newton, Mass ........ | 1, 008,429 | 17,741 | 27 | 2, 642 | 4, 036 |  | 15, 894 | 8,566 |
| 123 | Sioux City, Iowa . . . . | 243, 171 |  | 48,841 | 3, 227 | 25,572 | \$4, 102 | 183, 904 |  |
| 124 | Bayonne, N, J........ | 483, 560 |  | 37,640 13,000 | 2,811 30,684 | 4, ${ }_{5}^{4}, 216$ |  | 79,305 |  |
| 126 | Schenectady, N. Y... | 11, 425 |  | 37,483 | 1,281 | 4,454 |  | 146, 300 | 2,440 |
| 127 | Fitchburg, Mass...... | 492, 730 | , 302 |  | 3, 331 | 2,768 |  | 4,675 | 61, 762 |
| 128 |  |  | 285 |  |  |  |  |  |  |
| 129 | Rockford, Ill ......... | 250,870 435,520 | 3,313 | 48,466 50,462 | $\begin{array}{r}3,327 \\ \hline 344\end{array}$ | 3,625 1,256 |  | 27,899 | 3,928 |
| 131 | Canton, Ohio. | 245, 149 |  | 22,210 | 342 | 2,738 |  | 50, 782 |  |
| 132 | Butte, Mont | a 465, 899 | 4,673 | 60,997 | 43,931 | 17,615 |  | 43, 993 |  |
| ${ }_{19}^{133}$ | Montgomery, Ala .... | 144,068 |  | 17,408 27,822 | 67,700 | 10, 1,254 |  | 26,285 |  |
| 135 | Chattanoga, | 200, 886 | 6,002 | 16,800 | 23,283 | 4,772 |  |  |  |
| 136 | East St. Louis, Ill. | 227,414 | 100 | 83,069 | 30,501 | 1,426 |  | 204,068 |  |
| 137 | Joliet, Ill .. | 224,03 | 1,807 | 105,000 | 4,905 | 252 |  | 52,547 |  |

a Including school district extending beyond city limits.

Table XX.-RECEIPTS FROM.ALL SOURCES (2)-Concluded.

| $\begin{gathered} \text { Mar- } \\ \text { ginal } \\ \text { num- } \\ \text { ber. } \end{gathered}$ | Cities. | Actual income for fiscal year. |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Waterworks. | $\begin{gathered} \text { Gas } \\ \text { works. } \end{gathered}$ | $\begin{gathered} \text { Ellec- } \\ \text { tric- } \\ \text { light } \\ \text { plants. } \end{gathered}$ | $\begin{gathered} \text { Docks } \\ \text { and } \\ \text { wharves. } \end{gathered}$ | Ferries <br> bridges. | Markets. | Cemeteries. | Bath houses bath. ing and beaches. |
| 104 | Haverhill, Mass | \$103, 567 |  |  |  |  |  | \$12 |  |
| 105 | Spokane, Wash. | 129, 422 |  |  |  |  |  |  |  |
| 106 | Terre Haute, Ind. |  |  |  |  |  |  | 7,641 |  |
| 107 | Dubuque, Iowa | 31,168 |  |  |  |  | 174 |  |  |
| 109 |  | 52,987 |  |  |  |  |  | 2,394 |  |
| 110 | Salem, Mass..... | 82, 235 |  |  |  |  | 376 | 4,592 |  |
| 111 | Johnstown, P |  |  |  |  |  | 275 |  |  |
| 112 | Elmira, N. Y |  |  |  |  | \$500 |  | 11,918 |  |
| 113 | Allentown, Pa... | 68,084 |  |  |  |  |  |  |  |
| 114 | Davenport, Iowa | 59, 261 |  |  | 81,645 |  |  |  |  |
| 116 | Springfield, Il | 64, 531 |  |  |  |  |  | 17,560 |  |
| 117 | Chelsea, Mass.. | 88,580 |  |  |  |  |  |  |  |
| 118 | Chester, Pa.. |  |  |  |  |  |  |  |  |
| 119 | York, Pa, ..... | 100,090 |  |  |  |  | 682 | 6,335 |  |
| 121 | Topeka, Kans |  |  |  |  |  |  | , 03 |  |
| 122 | Newton, Mass. | 116, 233 |  |  |  |  |  |  |  |
| 123 | Sioux City Iowa | 50,270 |  |  |  |  |  | 503 |  |
| 124 | Bayonne, İ, J..... | 116,887 |  |  | 569 |  |  |  |  |
| 125 | Knoxville, Tenn | 93,302 | .. |  |  |  | 8,369 |  |  |
| 127 | Fitchburg, Mass. | 67,659 |  |  |  |  |  | 4, $77 \%$ |  |
| 128 | Superior, Wis.. |  |  |  |  |  |  |  |  |
| 129 130 | Rockford, $111 .$. | 49,866 61 60 |  | \$29,747 |  |  |  | 2,172 |  |
| 131 | Canton, Ohio.. | 50, 072 |  |  |  |  | 964 |  |  |
| 132 | Butte, Mont.... | 70,302 |  |  |  |  | 3,521 | 3,058 |  |
| 134 | Auburn, N. ${ }^{\text {¢ }}$. | 73, 358 |  |  |  |  |  | 1,378 |  |
| 135 | Chattanooga, Ten |  |  |  |  |  |  |  |  |
| 136 | East 8t. Louis, Ill. |  |  |  |  |  |  |  |  |
| 137 | Joliet, Ill... | 27,874 |  |  |  |  |  |  |  |

Table XX.-RECEIPTS FROM ALL sources (3)-Concluded.

| $\begin{aligned} & \text { Mar- } \\ & \text { ginal } \\ & \text { num- } \\ & \text { ber. } \end{aligned}$ | Cities. | Actual income for fiscal year. |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Other. | Total. | Cash on hand at beginning of fiscal year. | Loans. |  |  | Total receipts for fiscal year. |
|  |  |  |  |  | Longterm bonds (2 years or over). | Tempo rary loans and shortterm bonds (less than 2 years). | Total. |  |
| 104 | Haverhill, Mass .. | a 666,226 | a \$817, 646 | b \$84,436 | \$35,000 | \$200,000 | \$235, 000 | -81,187,082 |
| 105 | Spokane, Wash... | d76,266 | d869, 959 | 151,057 |  |  |  | d1,021, 016 |
| 106 | Terre Haute, Ind. | 3,101 | 480,533 | e 148, 644 |  |  |  | e 629, 177 |
| 107 | Dubuque, Iowa... | 63, 049 | 529,996 | 60,050 | 11,994 | 60,500 | 72,494 | 662, 540 |
| 108 | Quincy, Ill........ | 5,724 | 393,789 | 52,529 |  | 35,500 | 35,500 | 481, 818 |
| 109 | South Bend, Ind.. | f23, 356 | f566,936 | 0167, 632 | 101,926 | 18,069 | 119, 996 | h854,563 |
| 110 | Salem, Mass ...... | i122, 428 | 2750,805 | 13,735 | 34,088 | 407,000 | 441, 038 | i1,205,578 |
| 111 | Johnstown, Pa.... | j43,778 | 5273, 140 | 39,975 | 183, 060 | 45,000 | 228, 060 | j 541, 175 |
| 112 | Elmira, N. Y ...... | k100,823 | *6581,157 | 121,748 | 68, 127 | 12,000 | 80,127 | k 783, 032 |
| 113 | Allentown, Pa.... | 136,445 | 1345,465 | m 119, 802 | 190,402 |  | 190, 402 | $n 655,669$ |
| 114 | Davenport, Iowa. | -39, 265 | -603,469 | 152, 891 | 118,150 |  | 113,150 | -869,510 |
| 115 | McKeesport, Pa... | p29, 292 | p457, 793 | 123,940 |  |  |  | p 581,733 |
| 116 | Springfield, Ill.... | 8,171 | 478,594 | 3,009 |  | 69, 209 | 69, 209 | 607,812 |
| 117 | Chelsea, Mass.... . | 475,244 | q623,383 | 122,819 | 178,000 | 456,000 | 633, 600 | q1, 379, 202 |
| 118 | Chester, $\mathrm{Pa} . . . . . .$. | r30,655 | r306, 826 | 27, 421 |  | 212,500 | 212, 500 | r 546,747 |
| 119 | York, Pa........... | 829,808 | 3237, 154 | $t 40,594$ | 31, 101 | 1,000 | 32, 101 | u309, 849 |
| 120 | Malden, Mass..... | 83,367 | 749,263 | 66, 026 | 62,500 | 300,000 | 362, 500 | 1,177, 789 |
| 121 | Topeka, Kans..... | 39, 642 | 467, 727 | $v 126,165$ | 140, 270 |  | 140, 270 | v734, 162 |
| 122 | Newton, Mass .... | 241,975 | 1, 415,543 | 138, 087 | 213,300 | 850,000 | 1, 063, 300 | 2,616,930 |
| 123 | Sioux City, Iowa.. | 17,711 | 577, 301 | 75, 330 |  | 30, 965 | 30,965 | 688, 696 |
| 124 | Bayonne, N. J .... | 15,339 | 690,377 | 64,982 | 135,021 | 111,000 | 246, 021 | 1,001, 330 |
| 125 | Knoxville, Tenn. | 2057, 154 | w267, 989 | 79 |  | 48,250 | 48,250 | w316, 318 |
| 126 | Schenectady, N.Y. | 22,198 | 318,883 $\times 708$ | 176,648 | 91, 217 | 221, 728 | 312,945 | 808,476 $21,439,465$ |
| 1.27 | Fitchburg, Mass .. | $x 66,799$ | $x 708,601$ | u95,564, | 82,500 | 552, 800 | 635, 300 | $21,439,465$ |
| 128 | Superior Wis ..... | 15,639 | 583,328 | aa 178, 789 |  |  |  | aa 762, 117 |
| 129 | Rockford, Ill ..... | 7,945 | 391, 498 | 14,657 | 13,196 | 200, 000 | 218, 196 | 619,351 |
| 130 | Taunton, Mass.... | 47, 362 | 637, 999 | 45, 866 | 151,500 | 362, 800 | 514, 300 | 1, 198, 165 |
| 131 | Canton, Ohio ..... | bb16, 291 | bb 388, 548 | 129, 729 | 101,300 | 56,761 | 158,061 | 66676,338 |
| 132 | Butte, Mont . . . . . | cc 74, 317 | cc 711, 425 | dd97, 156 | ee 100,000 |  | ee 100, 000 | ff 908, 581 |
| 138 | Montgomery, Ala. | 9925,877 | go 368, 777 | 90, 693 | 13,600 | 50,000 | 63, 600 | 00523, 070 |
| 134 | Auburn, N. Y ...... | hh91, 235 | hh 431, 690 | 120,327 |  | 16,101 | 16, 101 | hh 5688,118 |
| 135 | Chattanoogr,Tenn | ii 38, 723 | it 284,464 | 14, 985 |  | 50,000 | 50, 000 | iis49, 449 |
| 136 | East St. Louis, Ill . | 6,732 | 653, 417,408 | 98,319 108,343 | 40,454 |  | 40, 454 | 692, 083 |
| 137 | Joliet, IIl .......... | 985 | 417,408 | 108,343 |  | 82,000 | 32, 000 | 557, 751 |

[^16]TABLE XXI.-EXPENDITURES FOR CONSTRUCTION AND OTHER CAPITAL OUTLAY (1).

| Mar- <br> ginal <br> num. <br> ber. | Cities. | Police department. | Police courts, jails, workhouses, reformatories, etc. | Fire department. | Health de-partment. | Hospi- <br> tals,asy- <br> lums, <br> alms- <br> houses, <br> and <br> other <br> chari- <br> ties. | Schools. | Libraries, art galleries, museums, etc. | Parks. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | New York, N . | \$274, 813 | \$292, 208 | \$107, 865 | 830,000 | \$299, 205 | a85, 471, 46 | \$1,043, 956 | , 385, 614 |
| 2 | Chicago, Ill. | 204, 759 |  | 5,463 |  |  | 1, 486, 808 | 26,400 | 448,030 |
| 3 | Philadelphia, Pa | 83,717 | 4,790 | 61,306 |  | 3,978 | 574, 728 | 6,000 | 372,930 |
| 4 | St. Louis, Mo ... | 25, 053 |  | 2,426 |  | 97, 833 | 282, 234 | 53,930 |  |
| 5 | Boston, Mass. | 24,202 | 6234,912 | 79,981 | 14,843 | 259, 772 | 964,200 | 57, 299 | 92,571 |
| 6 | Bultimore, Md |  | 500 | 36,943 |  |  | 8,639 | 10, 144 | 94,456 |
| 7 | Cleveland, Ohio | 65,083 | 877 | 108,560 | 24,102 | 11,334 | 597, 457 | 49,433 | 458,884 |
| 8 | Buffalo, N. Y. . |  |  | 108,891 |  |  | 209,560 |  | 112,476 |
| 9 | San Francisco, Ca |  | 30,347 | 39,321 |  | 4,336 | 3,082 | 14, 055 | 87, 700 |
| 10 | Cincinnati, Ohio. | 8,083 | 10,198 |  |  | 20,378 | 41,052 | 8,264 | 1,542 |
| 11 | Pittsburg, Pa |  |  | 82, 247 |  | 119,804 | 538,119 |  | 159,674 |
| 12 | New Orleans, |  | 31,661 | 46,109 |  | 10,808 | 41,154 | 2, 462 | 30,000 |
| 13 | Detroit, Mich.. | 28,158 |  | 137, 194 |  |  | 382, 112 | 13, 568 | 84,910 |
| 14 | Milwaukee, Wis |  |  | 27, 361 | 46,879 |  | 87,604 | 14,316 | 11,400 |
| 15 | Washington, D. | 15, 897 | 23, 212 | 72, 125 |  | 79,860 | 341,458 | 1,000 | 11,800 |
| 16 | Newark, N.J... |  | 87,823 | 46,844 |  | 78, 945 | 4,000 | 60,000 |  |
| 17 | Jersey City, N.J | 8,625 |  | 2,862 |  |  | 118,799 | 35,326 | 6,953 |
| 18 | Louisville, Ky |  | 22, 253 | 5,150 |  |  | 27, 493 |  | 28,653 |
| 19 | Minneapolis, Min | 1,058 |  | 18, 124 | 310 | 550 | 69,799 | 6,362 | 13,350 |
| 20 | Providence, R. I | 32, 044 |  | 83, 151 |  |  | 75, 952 |  |  |
| 21 | Indianapolis, Ind | 762 |  | 77,983 |  | 18,381 | 52,574 | 6,324 | 39,496 |
| 22 | Kansas City, Mo. |  |  |  |  |  | 166,531 | 4,607 | 485, 694 |
| 23 | St. Paul, Minn. | 12, 492 |  | 13,461 |  |  | 31,069 | 48,869 | 71,117 |
| 24 | Rochester, $\mathrm{N} . \mathrm{Y}$ |  |  | 700 |  |  | 181,239 | 655 | 2,526 |
| 25 | Denver, Colo |  |  | 1,300 |  |  | 112, 708 | 45, 605 | 23, 170 |
| 26 | Toledo, Ohio |  |  | 8,385 | 108 |  | 78,994 | 2,910 | 61, 110 |
| 27 | Allegheny, Pa | 4,825 |  | 18,654 |  | 39, 080 | 248, 874 | 5,577 | 22,500 |
| 28 | Columbus, Ohio |  | 410 | 23,964 |  |  | 66,354 | 6,421 |  |
| 29 | Worcester, Mass |  |  | 33, 379 |  | 2,684 | 175, 778 | 8,930 | -648 |
| 30 | Syracuse, N. Y | 600 |  | 47,705 |  |  | 108,889 | 47,705 | 77,967 |
| 31 | New Haven, Conn | 426 |  | 4,849 |  | 1,700 | 87,792 | 4,182 |  |
| 32 | Paterson, N.J. |  |  | 4,510 |  | 1,300 | 19, 656 | 6,262 |  |
| 33 | Fall River, Mass |  |  | 2,988 |  |  | 45,769 | 4,084 |  |
| 34 | St. Joseph, Mo. |  |  | 8,750 |  |  | 136, 433 | 2,841 |  |
| 35 | Omaha, Nebr |  |  | 1,000 |  |  | 93,956 | 3,732 | 7,679 |
| 36 | Los Angeles, Cal |  |  | 8,600 |  |  | 52,000 | 16,059 | 12,244 |
| 37 | Memphis, Tenn. . |  |  | 5,587 | 3,675 |  | 2,946 | 872 | 200,000 |

[^17]TABLE XXI.-EXPENDITURES FOR CONSTRUCTION AND OTEER CAPITAL OUTLAY (2).

a Not including $\$ 68,260$ expended by board of directors of trust funds.
$b$ Included in expenditures for ferries and bridges.
c Including expenditures for docks and wharves.
d Including expenditures for sewers, but not including $\$ 235,658$ expended by property owners for streets and sewers.
$e$ Included in expenditures for streets.
$f$ Included in expenditures for waterworks.
$g$ Including expenditures for sewers.
$h$ For 6 months only
including expenditures by United States Government.
$j$ Not including $\$ 180,643$ expended by property owners.
$k$ Not including $\$ 69,306$ expended by property owners.
$l$ Paid for by property owners.
$m$ Not including amount expended by property owners.

Table XXI.一EXPENDITURES FOR CONSTRUCTION AND OTHER CAPITAL OUTLAY (3).

| Mar- <br> ginal <br> num- <br> ber. | Cities. | Sinking fund. | Other. | Total, exclusive of loans repaid. | Loans repaid. |  |  | Total, including losns repaid. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | Longterm bonds (2 years or over). | Tempo- rary loans and short- term bonds (less than 2 years). | Total. |  |
| 1 | New York, N. |  | $\|a 20,365,757\|$ |  |  |  |  |  |
| 2 | Chicago, Ill. | 534,341 | -207,659 |  |  |  |  |  |
| 8 | Philadelphia, $\mathrm{Pa} .$. | 1,499,359 | 260,348 |  |  |  |  |  |
| 4 | St. Louis, Mo ....... | 1, 421,591 | , 034 | $8,088,08$ $2,663,087$ |  |  |  | 5 |
| 5 | Boston, Mass | 699, 231 |  |  |  |  |  | 1 |
| 6 |  |  | d1, 980,709 | e17, |  |  | 0 | 21 |
| 7 | Cleve | 1, 174,494 |  | 1, 809, 748 | 49, 200 |  | 49,200 | 948 |
| 8 | - |  |  |  |  |  |  | 1 |
| 9 | San Francisco, Cal.. |  |  | 1,870, 150 | 602, 957 | 151, 240 | 814,197 | 2 |
| 10 |  |  | i2, 466,492 | [2,687,144 |  |  |  | i2,687,144 |
| 11 | Pittsburg, Pa | 867,099 |  | 2,076,150 | 1,001, 300 |  | 1,001, 300 | 3, 077,450 |
| 12 | New Orleans, | 848,192 |  | 4,217,261 | 839,500 | 13,438 | 852,938 | 5, 070,199 |
| 12 | New Orleans, La |  | 30,000 | 963,255 | 1, 637, 460 | 304,387 | 1,941, 847 | 2,905, 102 |
| 13 | Detroit, Mich. | 460, 594 | 21,379 | 1,521,830 | 235, 662 | 34,882 | 270,544 | 1,792, 374 |
| 14 | Milwaukee, Wis |  | 14, 402 | 909,017 | 571, 750 |  | 571, 750 | 1,480, 767 |
| 15 | Washington, D.C | 1, 219,970 |  | j4,278, 826 | (k) |  | (c) | l4, 278, 826 |
| 16 | Newark, N.J | 530,563 | m2,163,719 | m 3, 670, 678 | 34, 000 | 4, 695,000 | 4,729, 000 | m8, 399,678 |
| 17 | Jersey City, N.J .... | 188, 748 | n744,248 | -1, 277, 826 | 639,258 | 833,618 | 1, 47 2,876 | 02,750, 702 |
| 18 | Louisville, Ky ...... | 225, 648 |  | 744,969 | 692, 000 | 210,000 | 1,902,000 | 1,646,969 |
| 19 | Minneapolis, Minn - | 114, 718 | 230,907 | 905, 880 | p51,000 | 336,456 | p 387,456 | p1,293, 336 |
| 20 | Providence, R. I , .. | 463, 711 | q352, 721 | ¢1, 279, 492 | 2,000 | 637, 305 | 639,305 | q1,918, 797 |
| 21 | Indianapolis, Ind |  |  | 501,497 | 410, 359 | 433, 825 | 844, 184 | 1,345,681 |
| 22 | Kansas City, Mo. | 130,290 | 39,427 | 907, 643 | 258, 756 |  | 258,756 | 1,166, 399 |
| 23 | St. Paul, Minn. | 147, 592 |  | 831,984 |  | 1,060,000 | 1,060,000 | 1,891,984 |
| 24 | Rochester, N. Y..... | 83,162 | 6,000 | 657, 971 | 364,000 | 3,468,858 | 3, 832,858 | 4,490,829 |
| 25 | Denver, Colo |  | 28,019 | 504, 768 | 408, 621 | 54,300 | 402,921 | 967,689 |
| 26 | Toledo, Ohio | 239,562 |  | 1,269,968 | 145, 912 |  | 145,912 | 1,415, 880 |
| 27 | Allegheny, Pa | 368, 124 |  | -870,486 | 326,287 |  | 326,287 | 1,196,773 |
| 28 | Columbus, Ohio | 518,197 |  | 754, 852 | r 320,900 | 220,916 | $r 541,816$ | r1, 296, 668 |
| 29 | Worcester, Mass .... | 580, 817 | 8320,689 | s1, 552,220 | (t) | 750,000 | u750,000 | $v 2,302,220$ |
| 30 | Syracuse, N. Y...... | 76,896 | w300, 346 | w990, 586 | $x 122,000$ | 2,657,033 | x2, 779, 033 | $y 3,769,619$ |
| 31 | New Haven, Conn.. | 122,315 | n39, 702 | z581, 972 |  | 1,000,000 | 1,000,000 | z1,581,972 |
| 32 | Paterson, N. J........ | 62, 618 | ${ }^{n} 396,845$ | aa 718, 070 | 19,000 | 1,670,000 | 1,689,000 | aa2, 407,070 |
| 83 | Fall River, Mass.... | 212,580 | bb188, 024 | bb 5833,479 | cc 46, 500 | 500,400 | cc 546,900 | dd 1, 080, 379 |
| 34 | St. Joseph, Mo |  | $e e 412,180$ | ee711, 398 |  |  |  | ee 711, 398 |
| 35 | Omaha, Nebr | 20,931 |  | 256, 210 | 288,700 | 149, 186 | 437, 886 | 694,096 |
| 36 | Los Angeles, Cal |  | 101, 944 | 211, 605 | 89, 925 |  | 89,925 | 301, 530 |
| 87 | Memphis, Tenn | 32,500 | 32, 481 | 475, 233 | (ff) |  | (ff) | g9 475,293 |

aIncluding $\$ 6,959,037$ State tax.
$b$ Not including $\$ 3,387,600$ paid out of sinking fund.
cIncluding $\$ 43,403$ expenditures for county.
$d$ Including $\$ 632,240$ state tax and $\$ 688$ county fines, etc.
-Including $\$ 632,240$ State tax and $\$ 238,565$ expenditures for county.
$f$ Expended for county; not including $\$ 7,628,357$ city loans paid out of city sinking fund.
oIncluding $\$ 17,000$ expended for county, but not including $\$ 7,628,357$ city loans paid out of city sinking fund.
${ }^{h}$ Including $\$ 632,240$ State tax and $\$ 255,565$ expenditures for county, but not including $\$ 7,628,357$ city loans paid out of city sinking fund.
including $\$ 2,337,988$ state tax.
$j$ Including expenditures of United States Government for waterworks.
$k \$ 22,950$ paid out of sinking fund.
lincluding expenditures by United States Government for waterworks, but not including $\$ 22,950$ paid out of sinking fund.
$m$ Including $\$ 792,567$ State and county tax.
$n$ nstate and county tax.
oIncluding $\$ 744,248$ State and county tax.
$p$ Not including $\$ 125,000$ paid out of sinking fund.
$q$ Including $\$ 311,442$ srace tax.
$r$ Not including $\$ 338,500$ pard out of sinking fund.
sIncluding $\$ 124,597$ county tax.
$t \$ 130,000$ paid out of sinsing fund.
$u$ Not including $\$ 130,000$ paid out of sinking fund.
vincluding $\$ 124,597$ county tax, but not including $\$ 130,000$ paid out of sinking fund.
$w$ Including $\$ 289,417$ State and county tax.
$x$ Not including $\$ 26,000$ paid out of sinking fund.
$y$ Including $\$ 289,417$ State and county tax, but not including $\$ 26,000$ paid out of sinking fund.
$z$ Including 839,702 State and county tax.
aa Including $\$ 396,845$ State and county tax.
${ }^{6} 6$ Including $\$ 164,769$ State and county tax.
co Not including $\$ 40,000$ paid out of sinking fund.
ad Including $\$ 164,769$ State and county tax, but not including $\$ 40,000$ paid out of sinking fund.
ee Including $\$ 329,933$ county tax.
ff $\$ 20,120$ paid out of sinking fund.
$g \theta$ Not including $\$ 20,120$ paid out of sinking fund.

Table XXI-EXPENDITURES FOR CONSTRUCTION AND OTHER CAPITAL OUTLAY (1)Continued.

| Mar- <br> ginal <br> num- <br> ber. | Cities. | Police department. | Police courts, jails, workhouses, reformatories, etc. | Fire department. | Health de-partment. | Hospi- <br> tals,asy- <br> lums, <br> alms- <br> houses, <br> and <br> other <br> chari- <br> ties. | Schools. | Libraries, art galleries, museums, etc. | Parks. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 38 | Scranton, Pa |  |  | \$14,279, | \$3, 153 |  | \$88, 686 | \$2,700 | \$2,266 |
| 39 | Lowell, Mass | \$7, 230 |  | 13,973 |  |  | 34,276 |  | 2,876 |
| 40 | Albany, N. Y |  |  |  |  |  | 60,452 |  | 33,130 |
| 41 | Cambridge, Mass |  |  |  |  | \$10,000 | 102,325 |  | 136,270 |
| 42 | Portland, Oreg. |  |  | 16,974 |  |  | 47,228 |  |  |
| 43 | Atlanta, Ga. |  |  |  |  |  | 17,689 |  | 1,500 |
| 44 | Grand Rapids, Mi | 457 |  | 9, 701 |  |  | 5.239 | 54, 041 | 5,294 |
| 45 | Dayton, Ohio.... | 7,608 |  | 32,122 |  |  | 37, 360 | 4,360 | ${ }^{6} 605$ |
| 46 | Richmond, Va. | 7,608 | \$3,186 | 1, 482 |  | 1,000 | 17,254 | , 36 | 1,000 |
| 47 | Nashville, Tenn |  | 7,000 | 32,510 |  |  | 10, 201 |  |  |
| 48 | Seattle, Wash. |  |  | 11, 494 |  | 3,000 | 116,480 | 17,441 | 10,000 |
| 49 | Hartford, Conn | 56 |  | 10,441 |  | 9,260 | 139,922 |  | 37,756 |
| 50 | Reading, Pa |  |  | 2,257 |  |  | 30,324 | 2,320 |  |
| 51 | Wilmington, Del |  |  |  |  |  | 149, 333 |  | 17,118 |
| 52 | Camden, N.J |  |  | 2,232 | 8,000 |  | 12,589 |  |  |
| 53 | Trenton, N.J |  |  | 17,970 |  | 300 | 135, 111 | 69,936 | 19,158 |
| 54 | Bridgeport, Conn | 10,188 |  | 19,150 |  | 3,800 | 65, 324 | 20, 414 | 1,856 |
| 55 | Lynn, Mass ...... |  |  |  |  |  | 17,587 | 3,814 | 2,500 |
| 56 | Oakland, Cal .... |  |  | 18,380 |  |  | 18,537 | 54,292 | 1,728 |
| 57 | Lawrence, Mass. |  |  |  |  | 2,500 | 119,969 | 1,409 |  |
| 58 | New Bedford, Mass |  | (a) |  |  | 512 | 98,578 | 1,436 3,925 | $28,000$ |
| 59 | Des Moines, Iowa. |  |  | 4,791 |  |  | 48, 805 | 38,925 | $26,288$ |
| 60 | Springfield, Mass |  |  | 21, 112 |  | 3, 211 | 100, 110 |  | 1,337 |
| 61 | Somerville, Mass |  |  | 737 |  | 26,851 | 49, 203 | 3,714 | 14,322 |
| 62 | Troy, N. Y |  |  |  |  |  | 57,091 |  |  |
| 63 | Hoboken, N.J . |  |  |  |  |  |  | 1,500 |  |
| 64 | Evansville, Ind. |  |  | 150 |  |  | 20, 297 |  | 9,874 |
| 65 | Manchester, N. H |  |  |  |  | 1,098 | 3.366 |  |  |
| 66 | Utica, N.Y. |  |  | 4,215 |  | 10,430 | b 47, 989 | b 2, 307 |  |
| 67 | Peoria, Ill ..... |  |  | 16,985 |  | 5,164 | 29, 533 | 6,308 | 26,152 |
| $68$ | Charleston, S.C. Gevanneh Ge | 6,600 |  | 1,700 |  | 5,200 |  |  |  |
| 69 70 | Savannah, Ga Salt Lake City, ${ }^{\text {Uta }}$ | 400 |  | 6,500 2,699 |  |  | (c) 23,656 | 3,326 | 2,240 |

a Supported by county.
$b$ For 11 months only.
$c$ Supported by State and county.
9398-No. $42-02-9$

TABLE XXI.-EXPENDITURES FOR CONSTREGTION AND OTHER CAPITAL OUTLAY (2)Continued.

| $\begin{gathered} \text { Mar- } \\ \text { gin- } \\ \text { al } \\ \text { um- } \\ \text { ber. } \end{gathered}$ | Cities. | Streets. | Sewcrs. | Water works. | $\left\lvert\, \begin{gathered} \text { Gas } \\ \text { w'rks } \end{gathered}\right.$ | Elec-triclight pl'nts | Docks and <br> wharves | $\begin{gathered} \text { Ferries } \\ \text { and } \\ \text { bridges. } \end{gathered}$ | Markets. | Cem-eterjes. | Bath <br> houses and bath ing pools and beach es. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | \$ |  | \$ | \$ | $\$$ | $\$$ | \$ | \$ | \$ | \$ |
| 38 | Scranton, Pa | 56,511 | 46,143 |  |  |  |  |  |  |  |  |
| 39 | Lowell, Mass. | 43,832 | 58, 274 | 49,960 |  |  |  |  |  |  |  |
| 40 | Albany, N. Y. | 477,150 | 9,590 | 11, 678 |  |  |  |  |  |  | 26,585 |
| 41 | Cambridge, Mass.. | 39,015 | 9,740 | 32,199 |  |  |  | 188,986 |  | 2, 265 |  |
| 42 | Portland, Oreg .... | 195,044 | 60,457 | 29,765 |  |  |  |  |  |  |  |
| 43 | Atlanta, Ga ....... | 61, 054 | 20,703 | 149,413 |  |  |  | 62,909 |  | 310 |  |
| 44 | GrandRapids,Mich | 172,584 | 48, 223 | 7,001 |  | 1,267 |  | 23,209 | 1,605 | 1,816 |  |
| 45 | Dayton, Ohio...... | 25,216 | 46,781 | 170, 321 |  |  | 3,313 |  |  |  |  |
| 46 | Richmond, Va.... | 75,508 | 53, 816 | 23, 488 | 12,95 |  |  |  |  | 800 |  |
| 47 | Nashville, Tenn... | 49,141 | 12,454 | 7,506 |  | 2, 877 |  |  |  |  |  |
| 48 | Seattle, Wash ..... | a 511, 699 | (b) | 98, 444 |  |  |  |  |  |  |  |
| 49 | Hartford, Conn. . . . | 47,746 | 25,699 | 150, 126 |  |  |  | 18,768 |  | 8,862 | 276 |
| 50 | Reading, Pa.... .. | 8,054 | 33,019 | 58,989 |  |  |  |  |  |  |  |
| 51 | Wilmington, Del .. | 43,994 | 38, 814 | 111,491 |  |  |  |  |  |  |  |
| 52 | Camden, N. J ..... | 106,602 | 20,916 | 19,346 |  |  |  |  |  |  |  |
| 53 | Trenton, N. J...... | 10,914 | 31, 856 | 20, 160 |  |  |  |  |  |  |  |
| 54 | Bridgeport, Conn . | 40,647 | 26, 443 |  |  |  |  | 105, 156 |  |  | 1,941 |
| 55 | Lynn, Mass........ | 8, 327 | 23,962 | 21,084 |  |  |  | 458 |  |  |  |
| 56 | Oakland, Cal..... | (c) 63.49 | ${ }_{28}{ }^{(c)} 575$ |  |  |  | 4,586 |  |  |  |  |
| 57 | Lawrence, Mass..- | 63, 496 | 28,575 | 12, 132 |  |  |  |  |  |  |  |
| 58 | New Bedford, Mass | 97,152 | 18,205 | 22, 449 |  |  |  |  |  |  |  |
| 59 | Des Moines, Iowa . | a 33,176 | d4,900 |  |  |  |  | 5,000 |  | 8,115 |  |
| 60 | Springfield, Mass.. | 137, 368 | 88,448 | 12,704 |  |  |  |  |  |  |  |
| 61 | Somerville, Mass.. | 92, 739 | 37, 809 | 19, 206 |  |  |  | 914 |  |  |  |
| 62 | Troy, N. Y......... | 17,012 | 1,172 840 | 193, 552 |  |  | 4,116 |  | 107 |  | 10,139 |
| 63 | Hoboken, N. J..... | 18,930 38,545 | 840 5,100 | 3,000 69,465 |  |  |  |  |  |  |  |
| 64 | $\underset{\text { Manchester, }}{\text { E. }}$. H . | 38,545 20,194 | 5,100 16,539 | 69,465 29,326 |  |  |  |  |  |  |  |
| 66 | Manchester, N. H. | e17,538 | 16,539 | 29, 326 |  |  |  | 4,516 $e 3,227$ |  |  |  |
| 67 | Peoria, Ill ......... | 21,283 |  |  |  |  |  |  |  |  |  |
| 68 | Charleston, S. C... | 21,349 |  |  |  |  |  |  |  |  |  |
| 69 | Sayannah, Ga ..... | 103, 498 | 76, 291 | 2,445 |  |  |  |  |  |  |  |
| 70 | SaltLakeCity,Utah | 23,725 | 19,977 | 131,780 |  |  |  |  |  | 290 |  |

$a$ Including expenditures for sewers.
$b$ Included in expenditures for streets.
c Paid for by property owners.
$d$ Not including $\$ 90,000$ expended by property owners under supervision of city.
$e$ For 11 months only.

TABLE XXI.-EXPENDITURES FOR CONSTRUCTION AND OTHER CAPITAL OUTLAY (3)Continued.

| Marginal number. | Cities. | Sinking fund. | Other. | Total, exclusive of loans repaid. | Loans repaid. |  |  | Total, including loans repaid. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | Longterm bonds (2 years or over). | $\begin{gathered} \text { Tempo- } \\ \text { rary } \\ \text { loans and } \\ \text { short- } \\ \text { term } \\ \text { bonds } \\ \text { (less than } \\ 2 \text { years). } \end{gathered}$ | Totsl. |  |
| 38 | Scranton, Pa |  | \$2,386 | \$216, 124 | \$108, 429 | \$ $\$ 5,866$ | \$114, 295 | \$330,419 |
| 39 | Lowell, Mass | \$43, 300 | a 255,615 | a 509,336 | 325,590 | 903,061 | 1,228,651 | a 1,737,987 |
| 40 | Albany, N. Y | 69,293 | b 242, 679 | c 930,557 | d 189,000 |  | d 189,000 | e 1,119,557 |
| 41 | Cambridge, Ma | 281, 205 |  | 802,005 | 125,000 | 600, 000 | 725,000 | 1,527,005 |
| 42 | Portland, Oreg |  | 42, 715 | 392, 183 |  | 42,000 | 42,000 | 434,183 |
| 43 | Atlanta, Ga... | 2,000 | 20,138 | 335,716 |  |  |  | 335,716 |
| 44 | Grand Rapids, Mich. | 17,727 |  | 348, 164 | 159, 000 |  | 159,000 | 507,164 |
| 45 | Dayton, Ohio | 45,683 |  | 373, 369 | 335, 500 | 163, 232 | 498, 732 | 872, 101 |
| 46 | Richmond, Va. | 72,274 | 11,045 | 273, 804 |  |  |  | 273, 804 |
| 47 | Nashville, Tenn |  | 25,621 | 170,310 | f 76, 735 |  | $f 76,735$ | f247,045 |
| 48 | Seattle, Wash |  | 6,668 | 775,232 |  |  |  | 775, 232 |
| 49 | Hartford, Conn | 63, 519 | g34,597 | g 547, 028 |  | 133, 291 | 133,291 | g680,319 |
| 50 | Reading, Ya | 47,439 | h 1, 499 | i 183, 901 | 311,000 |  | j11,000 | lc 194,901 |
| 51 | Wilmington, Del | 29,881 |  | 390, 631 | $\boldsymbol{l} 19,550$ | 77,159 | $l 96,709$ | $\boldsymbol{l}$ 487,340 |
| 52 | Camden, N.J. | 44,752 | $m$ 184, 023 | $n 398,460$ | - 19,450 | 103, 000 | - 122,450 | p 520,910 |
| 53 | Trenton, N.J | 232, 398 | q325, 396 | q 863, 199 | (r) | 25,900 | 825,900 | t889,099 |
| 54 | Bridgeport, Con | 23,500 | u 189,493 | u 507, 912 | 16,000 |  | 16,000 | u 523, 912 |
| 55 | Lynn, Mass. | 204, 709 | $v 112,363$ | $v 394,804$ |  | 525,000 | 525,000 | $v 919,804$ |
| 56 | Oakland, Cal |  | 38, 449 | 135,972 | 43,500 |  | 43, 500 | 179472 |
| 57 | Lawrence, Mass | 34,043 | \% 115, 655 | 20 377, 779 | 79,000 | 415, 000 | 494,000 | w871,779 |
| 58 | New Bedforc, Mass. | 101,590 | $x$ 176, 102 | $x 546,024$ | $\boldsymbol{\nu} 93,074$ | 963,000 | $\boldsymbol{v 1 , 0 5 6 , 0 7 4}$ | $z 1,602,098$ |
| 59 | Des Moines, Iowa. . . |  |  | 170,000 | 18,000 | 36,369 | 54,369 | 224,369 |
| 60 | Springfield, Mass | 141,066 | a 184,653 | aa 693, 004 | bb 17, 200 | 465, 000 | bb 482, 200 | cc 1,175, 204 |
| 61 | Somerville, Mass |  |  | 245, 495 | 163,000 | 800,000 | 963, 000 | 1, 208,495 |
| 62 | Troy, N. Y | 40,453 |  | 323,642 | dd 46, 182 | 445, 000 | did 491, 182 | dd 814, 824 |
| 63 | Hoboken, N. J . . . . . . | 20,142 | m 178, 265 | ee 222, 677 | 196,000 | 2,000 | 198,000 | ee 420,677 |
| 64 | Evansville, Ind...... | 7,212 | m 180, 545 | ff 331, 188 |  | 31,708 | 31,708 | ff 362, 896 |
| 65 | Manchester, N. H | 45,425 | $m 160,325$ | 99280,789 | 40,000 | 258,000 | 298, 000 | gg 578,789 |
| 66 | Utica, N. Y. |  | lh l 1,342 | 195, 571 | hh 71, 667 | hh 465, 858 | 537,525 | 733,096 |
| 67 | Peoria, Ill |  |  | 105, 425 |  | 122, 214 | 122, 214 | 227,639 |
| 68 | Charleston, S. C |  | 54, 383 | 89, 232 |  |  |  | 89, 232 |
| 69 | Savannah, Ga |  | 17,267) | ii 208,241 | 41, 700 |  | 41,700 | i ${ }^{249,941}$ |
| 70 | Salt Lake City, Utah. |  | 46,106 | 251,959 | 14, 000 |  | 14,000. | 265,959 |

$\boldsymbol{\alpha}$ Including $\$ 78,882$ county tax.
$b$ County tax.
c Including $\$ 242,679$ county tax.
a Not including $\$ 247,850$ paid out of sinking fund.
e Including $\$ 242,679$ county tax, but not including $\$ 247,850$ paid out of sinking fund.
$f$ Not including $\$ 565$ paid out of sinking fund.
g Including $\$ 19,638$ county tax.
$h$ State tax.
$i$ Including $\$ 1,499$ State tax.
$j$ Not including $\$ 114,500$ paid out of sinking fund.
$k$ Including $\$ 1,499$ State tax, but not including $\$ 114,500$ paid out of sinking fund.
$\boldsymbol{l}$ Not including $\$ 29,900$ paid out of sinking fund.
instate and county tax.
$n$ Including $\$ 184,023$ State and county tax.
oNot including $\$ 11,242$ paid out of sinking fund.
pIncluding $\$ 184,023$ State and county tax, but not including $\$ 11,242$ paid out of sinking fund.
$\boldsymbol{q}$ Including $\$ 246,911$ State and county tax.
r $\$ 97,300$ paid out of sinking fund.
8 Not including $\$ 97,300$ paid out of sinking fund.
$t$ Including $\$ 246,911$ State and county tax, but not including $\$ 97,300$ paid out of sinking fund.
$u$ Including $\$ 12,312$ county tax.
$v$ Including $\$ 74,005$ State and county tax.
wIncluding $\$ 33,335$ county tax.
$x$ Including $\$ 1,9,992$ State and county tax.
$y$ Not including $\$ 19,926$ paid out of sinking fund.
$z$ Including $\$ 119,992$ State and county tax, but not including $\$ 19,926$ paid ont of sinking fund.
aa Including $\$ 121,354$ State and county tax.
bb Not including $\$ 45,000$ paid out of sinking fund.
coIncluding $\$ 121,354$ State and county tax, but not including $\$ 45,000$ paid out of siaking fund.
da Not including $\$ 39,724$ paid out of sinking fund.
ee Including $\$ 178,265$ State and county tax.
$f f$ Including $\$ 180,545$ State and county tax.
gg Including $\$ 160,325$ State and county tax.
hh For 11 months only.
ii Not including expenditures of State and county for schools.

TABLE XXI.-EXPENDITURES FOR CONSTRUCTION AND OTHER CAPITAL OUTLAY (1)Continued.

| Mar- <br> ganal <br> num- <br> ber. | Cities. | Police department. | Police courts, jails, warkhouses, reformatories, etc. | $\begin{aligned} & \text { Fire } \\ & \text { depart- } \\ & \text { ment. } \end{aligned}$ | Health de-partment. | Hospi- tals,asy- lums, alms- houses, and other chari- ties. | Schools. | $\begin{array}{\|c\|} \text { Libraries, } \\ \text { art gal- } \\ \text { leries, } \\ \text { museums. } \\ \text { ete. } \end{array}$ | Parks. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 71 | San Antonio, Tex |  |  | \$1,521 |  |  | \$8,718 |  | \$4,461 |
| 72 | Duluth, Minn . |  |  | 3,895 |  |  | 58,117 | \$4,256 | 4,000 |
| 73 | Erie, Pa....... |  |  | 3,094 |  |  | 61, 148 | 6,678 |  |
| 74 | Elizabeth, N.J |  |  | 625 |  |  | 19, 677 |  |  |
| 75 | Wilkesbarre, Pa |  |  | 2,858 |  |  | 14, 023 |  |  |
| 76 | Kansas City, Kans |  |  | 4,520 |  |  | 31,674 |  | 310 |
| 77 | Harrisburg, Pa . |  |  | 6,800 |  |  | 3,000' |  |  |
| 78 | Portland, Me. ( ${ }^{( }$) |  |  | 2,781 |  | \$1,000 | 11,810 |  | 3,787 |
| 79 | Yonkers, N. Y ... |  |  | 30,100 |  | 6,468 | 82, 248 | 5, 029 |  |
| 80 | Norfolk, Va.... |  | \$7,121 | 9,100 |  | .....' | 21,190 |  |  |
| 81 | Waterbury, Conn | \$6, 442 |  |  |  |  | 20,849 |  |  |
| 82 | Holyoke, Mass... |  |  | 3,000 |  |  | 70, 256 |  |  |
| 83 | Fort Wayne, Ind |  |  |  |  |  | 13,474 | 3,867 |  |
| 84 | Youngstown, Ohio |  |  |  |  |  | 17,406 |  | 7,286 |
| 85 | Houston, Tex. |  |  | 5,352 |  |  |  |  | 12,693 |
| 86 | Covington, Ky |  |  | 2,350 |  |  | 6,868 |  |  |
| 87 | Akron, Ohio. |  |  | 9,078 |  |  | 60,611 | 1,834 |  |
| 88 | Dallas, Tex | 28 |  | 129 |  |  | 23, 265 | 5,873 |  |
| 89 | Saginaw, Mich | 333 |  | 2,938 |  |  | 8,827 | 642 |  |
| 90 | Lancaster, Pa. |  |  |  |  |  | 7,142 |  |  |
| 91 | Lincoln, Nebr | 890 |  | 1,277 |  |  | 45,908 | 52, 188 |  |
| 92 | Brockton, Mass |  |  | 726 2,290 |  |  | 15,357 21,431 | 3, 470 | 1,213 |
| 94 | Augusta, Ga |  |  | 3,507 |  | 2,070 | (b) |  |  |
| 95 | Pawtucke, R. |  |  | 1,482 |  |  | 13, 284 |  |  |
| 96 | Altoona, Pa. |  |  | 9,939 |  |  | 16,852 |  |  |
| 97 | Wheeling, W. Va |  |  | 4,000 |  |  | 1,909 | 1,095 |  |
| 989 | Mobile, Ala.... |  |  |  |  |  | (c) ${ }^{\text {c }}$, 000 |  |  |
| 998 | Birmingham, Ala |  |  | 17,818 |  |  | 58,000 |  |  |
| 100 | Little Rock, Ark. |  |  |  |  |  |  |  | 1,259 |
| 102 | Springneid, |  |  | 250 |  |  |  | 1,225 | 8,000 |
| 103 | Tacoma, Wash. |  |  | 1,649 |  |  | 45,808 | 17,038 | 4,000 |
| 104 | Haverhill, Mass | 115 |  | ${ }^{9} 948$ |  | 572 | 10,430 | 5,136 | 28 |
| 105 | Spokane, Wash |  |  | 5,462 |  |  | 53, 464 | 703 | 3,965 |
| 106 | Terre Haute, Ind |  |  |  |  |  | ${ }^{568}$ | 1,500 |  |
| 107 | Dubuque, Iowa. | 220 |  | 725 |  |  | 12,047 | 30,925 | 72 |
| 108 | Quincy, Ill ${ }_{\text {South }}$ Bend, Ind |  |  |  | \$1,500 |  |  | 927 |  |
| 109 | South Bend, Ind Salem, Mass . . . |  |  | 1,365 |  |  | 57,648 2,936 | 600 2,446 | 1, 882 |
| 111 | Johnstown, Pa |  |  | 6,000 |  |  | 36,863 |  |  |
| 112 | Elmira, N. Y. |  |  | 1,264 |  |  |  |  | 16,000 |
| 113 | Allentown, Pa. | 755 |  | 24, 522 |  |  | 38, 063 |  |  |
| 114 | Davenport, Iowa | 2,000 |  | 22,500 |  |  | 6,598 | 9,790 | 6,808 |
| 115 | McKeesport, Pa |  |  |  |  |  | 63,950 |  |  |
| 116 | Springfield, Ill. | 1,731 |  | 9,047 |  |  | 22,865 | 2,382 |  |
| 117 | Chelsea, Mass. |  |  | 17,494 |  |  | 5,400 | 1,385 | 5,005 |

$a$ Data are for 9 months.
$b \$ 23,733$ expended by State and county.
c $\$ 10,691$ expended by State and county.

Table XXI.-EXPENDITURES FOR CONSTRUCTICN AND OTHER CAPITAL OUTLAY (2)Continued.

| $\begin{aligned} & \text { Mar- } \\ & \text { gin- } \\ & \text { al } \\ & \text { num- } \end{aligned}$ | Cities. | Strects. | Sewers. | Waterworks. | Gas | Elec-triclight pl'nts | $\begin{gathered} \text { Docks } \\ \text { and } \\ \text { wharves } \end{gathered}$ | $\begin{gathered} \text { Ferries } \\ \text { and } \\ \text { bridges. } \end{gathered}$ | Markets. | Cem-eteries. | Bath hous. es and bathing pools and beach es. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | \$ | \$ | \$ |  |  | \$ | \$ |
| 72 | Dan Antonio, Mex ... | 105, ${ }^{93}, 247$ | 20,926 | 26,765 | 14,277 |  |  |  |  |  |  |
| 73 | Erie, Pa ....... | 33, 234 | 19,252 | 54, 404 |  |  |  |  |  |  |  |
| 74 | Elizabeth, N.J | 132, 037 | 26, 486 |  |  |  |  |  |  |  |  |
| 75 | Wilkesbarre, Pa | 18,451 | 30,176 |  |  |  |  |  |  |  |  |
| 76 | Kansas City, Kans.. | 185,414 | 55, 289 |  |  |  |  |  |  |  |  |
| 77 | Harrisburg, Pa..... | 21,451 | 6,143 | 28, 290 |  |  |  |  |  |  |  |
| 78 | Portland, Me. (a) ... | 62, 585 | 57,168 |  |  |  |  | 1,619 |  | 2, 127 | 2,357 |
| 79 | Yonkers, N. Y...... | 113, 215 | 44, 733 | 69,319 |  |  | 22,199 | 4,100 |  |  |  |
| 80 | Norfolk, Va ......... | 214,000 | 5,436 | 14, 287 |  |  |  | 944 |  |  |  |
| 81 | Waterbury, Conn... | 43,511 | 21,699 | 116,104 |  |  |  |  |  |  |  |
| 82 | Holyoke, Mass ..... | 42, 464 | 6, 858 | 54,066 |  |  |  | 8,112 |  |  | 1,600 |
| 83 | Fort Wayne, Ind... | 99,666 | 169, 54, | 34, 281 |  |  |  |  |  |  |  |
| 84 | Youngstown, Ohio. | 132, 740 | 17,793 | 23,209 |  |  |  |  |  |  |  |
| 85 | Houston, Tex ...... | 6,780 | 199, 101 |  |  |  |  | 796 |  |  |  |
| 86 | Covington, Ky ...... |  | 5,357 | 27, 133 |  |  |  |  |  |  |  |
| 87 | Akron, Ohio........ | 42, 665 | 76,914 |  |  |  |  |  |  |  |  |
| 88 | Dallas, Tex. ....... | 23,552 | 11,520 | 87, 940 |  |  |  |  |  | 600 |  |
| 89 | Saginaw, Mich ..... | 51, 296 | 8,327 | 9,894 |  |  |  |  |  |  |  |
| 90 | Lancaster, $\mathrm{Pr}^{\text {c...... }}$ | 16,847 | 16,048 | 10,539 |  |  |  |  |  |  |  |
| 91 | Lincoln, Nebr ....... | 33, 718 | 740 | 19,643 |  |  |  |  |  | 4,090 |  |
| 92 | Brockton, Mass..... | 18,837 | 36.937 | 30, 304 |  |  |  |  |  |  |  |
| 93 | Binghamton, N. Y.. | 39,744 | 14,694 | 36, 918 |  |  |  | 2,105 |  |  |  |
| 94 | Angusta, Ga....... | 47, 161 | 5,334 | 31,902 |  |  |  |  |  |  |  |
| 95 | Pawtucket, R. I .... | 5,624 | 6,913 | 31, 245 |  |  |  |  |  |  |  |
| 96 | Altoona, Pa ........ | 7,105 | 9,336 | 25, 491 |  |  |  |  |  |  |  |
| 97 | Wheeling, W, Va... |  |  | 45, 246 |  |  |  |  |  |  |  |
| 98 | Mobile, Ala .. |  | 3,510 | 17,067 |  |  |  |  |  |  |  |
| 99 | Birmingham, Ala .. | (b) | (b) |  |  |  |  |  |  | 2,880 |  |
| 100 | Little Rock, Ark ... | 5, 441 |  |  |  | 657 |  |  |  | 47 |  |
| 101 | Springfield, Ohio... | 45, 434 |  | 26, 815 |  |  |  |  |  |  |  |
| 102 | Galveston, Tex..... |  | 94, 192 | 2,233 |  | 1,353 |  |  |  |  |  |
| 103 | Tacoma, Wash...... | 19,357 | 47, 741 | 28, 164 |  | 27, 352 |  |  |  |  |  |
| 104 | Haverhill, Mass .... | 7,767 | 4,359 | 79, 260 |  |  |  |  |  |  |  |
| 105 | Spokane, Wash..... | 102, 184 | 9,242 | 62,890 |  |  |  | 4 |  |  |  |
| 106 | Terre Haute, Ind ... | 8,651 | 19, 432 |  |  |  |  |  |  |  |  |
| 107 | Dubuque, Iowa..... | 25, 355 | 20,019 | 11,934 |  |  |  |  |  |  |  |
| 108 | Quincy, Ill ......... | 2,000 | 218 |  |  |  |  |  | 8,536 | 1,123 |  |
| 109 | South Bend, Ind.... | 158,832 | 25, 734 | 43, 420 |  |  |  |  | 5,130 |  |  |
| 110 | Salem, Mass ........ | 1,474 | 1,604 | 8,278 |  |  |  |  | 643 | 19,500 |  |
| 111 | Johnstown, Pa | 19,631 | 4,909 |  |  |  |  |  |  |  |  |
| 112 | Elmira, N. Y. | 41,469 | 5,366 |  |  |  |  |  |  |  |  |
| 113 | Allentown, Pa...... | 11, 134 | 52,018 | 11, 297 |  |  |  |  |  |  |  |
| 114 | Davenport, Iowa ... | 142,472 | 17, 439 |  |  |  | 38 |  |  |  |  |
| 115 | McKeesport, Pa .... | 25,000 | 20,213 | 26, 183 |  |  |  |  |  |  |  |
| 116 | Springfield, Ill...... | 21,793 | 10,387 | 20, 209 |  | 3,572 |  |  |  | 5,683 |  |
| 117 | Chelsea, Mass. | 6,183 | 5,802 | 4,114 |  |  |  |  |  |  |  |
|  | a Data are for 9 m | onths. |  |  |  | S | la for by | property | owner |  |  |

TABLE XXI.-EXPENDITURES FOR CONSTRUCTION AND OTHER CAPITAL OUTLAY (3)Continued.

| $\begin{gathered} \text { Mar- } \\ \text { ginal } \\ \text { numa- } \\ \text { ber. } \end{gathered}$ | Cities. | $\begin{aligned} & \text { Sinking } \\ & \text { fund. } \end{aligned}$ | Other. | Total, exclusive of loans repaid | Loans repaid. |  |  | Total, including loans repaid. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | $\begin{gathered} \text { Long- } \\ \text { term } \\ \text { bonds (2 } \\ \text { yearsor } \\ \text { over). } \end{gathered}$ | Tempo- rary loans and short- term bonds (less than 2 years). | Total. |  |
| 71 | San Antonio, T | \$143,649 | \$1,9 | \$291,713 |  | \$73,632 | \$73,632 | \$365,345 |
| 72 | Duluth, Minn | 133, 137 |  | 370, 670 | \$86,000 | 43, 258 | 129,258 | 499, 928 |
| 73 | Erie, Pa - | 67,465 | ${ }^{8.161}$ | 253,436 | 10,000 |  | 10,000 | 263,436 |
| 74 | Elizabeth, N.J. | 70,851 | a 154,962 | $\boldsymbol{a} 404,638$ |  | 92,444 | 92, 444 | a 497, 882 |
| 75 | Wilkesbarre, Pa |  | 15, 016 | 80, 524 | 14,500 | 7,463 | 21,963 | 102,487 |
| 76 | Kansas City, Kan |  | 55,621 | 335, 828 | 97,708 | 26,307 | 124, 015 | 459, 843 |
| 78 | Portland, Me. ${ }^{\text {P }}$ | 65, 41.742 | 31,814 e 121,837 | 162, $e$ 308, 813 |  |  | ${ }_{250}{ }^{(b)} 000$ | c 162,747 e558,813 |
| 79 | Yonkers, N. Y | 38,141 | $f 210,703$ | $f 626,215$ | 217,000 | 464,000 | 681,000 | f1,307, 215 |
| 80 | Norfolk, Va. | 51, 270 | 20,469 | 343,817 | 682,050 | 149, 071 | 881,121 | 1,174,938 |
| 81 | Waterbury | 23, 679 | 295, 650 | 527,964 | 27, 500 | 50,000 | 77,500 | 605,464 |
| 82 | Holyoke, Mass. | 79,500 | 20,306 | 286,162 | 7,500 | 525, 000 | 532, 500 | 818, 662 |
| 84 | Youngstown, Oh | 112,601 |  | 311,035 | g 95, 578 | 38,61 28,000 | - 123, 573 | 3 434,608 |
| 85 | Houston, Tex |  | 3,912 | 228,584 |  | 57,982 | 57,982 | 286, 566 |
| 86 | Covington, Ky | 45 | 62,382 | 105,035 | 21,300 | 147, 290 | 168,590 | 273,625 |
| 87 | Akron, O | 40,221 |  | 231, 323 | 100, 954 | 50,000 | 150, 954 | 382,277 |
| 88 | Dallas, Tex. | 41,481 | 2, 882 | 197, 270 |  | 5,042 | i5,042 | i 202,312 |
| $\begin{aligned} & 89 \\ & 90 \end{aligned}$ | Lancaster, Pa. | 25,000 | 32,082 | ${ }^{110,046}$ | 60,000 |  | 90, 980 | 208, $\mathbf{1 1 5 7}$ $\mathbf{1 5 6 8}$ |
| 91 | Lincoln, Nebr | 10,809 | J2, | 169, 263 | 8,590 |  | 8,590 | 177, 853 |
| 92 | Brockton, Mass | 33, 213 | k 101, 662 | k 240,506 | 83,730 | 555, 000 | 638,730 | lc 879, 236 |
| 93 | Binghamton, N. Y | 50,000 |  | 170,811 | 17,345 | 20, 200 | 37,545 | 208, 356 |
| 94 | Augusta, Ga |  |  | <92,904 | 65,500 | 280,000 | 345,500 | 1438,404 |
| ${ }_{96}$ | Pawtucket, | 135,358 | ${ }^{\text {m }}$ 56,088 | ${ }^{2} 249,994$ |  | 260, 000 | 260000 | m 509,994 |
| 97 | Wheeling, $\mathrm{W} . \mathrm{V} \mathbf{a}$ | 27,734 |  | 52,250 | 13,00 | 163,252 | 163,252 | 114, 582 |
| 98 | Mobile, Ala |  | 13,838 | n 34,415 |  | 72,000 | 72,000 | ${ }^{n} 106,415$ |
| 99 | Birmingham, Ala |  | 105,059 | 183, 757 |  | 4, 630 | 4,630 | 188, 387 |
| 100 | Little Rock, Ark. | 7,050 | 15, 000 | 29,354 |  | o 24, 331 | 024,331 | - 53,685 |
| 101 | Springrield, Ohio |  |  | 81, 724 | 64,589 | 121,040 | 185, 629 | 267,353 |
| 102 | Galveston, Tex | 130, 185 |  | 227, 963 | 2,000 | 64,966 | 66,966 | 294, 929 |
| 104 | Tacoma, Wash. <br> Haverhill, Mass |  |  | 191,109 |  |  |  | 191, 109 |
| 105 | Spokane, Wash | -7, | p | $p^{3} 31,211$ | 913,550 | 200,00 | 79, | r 514, 761 |
| 106 | Terre Haute, Ind |  |  | 30, 146 | 40,238 |  | 40,238 | 70, 384 |
| 107 | Dubuque, Iow | 88,598 |  | 189, 895 | s11,224 | 60,500 | s71,72t | 261, 619 |
| 108 | Quincy, Ill. | 75, 639 |  | 89, 943 | 28, 100 | 35, 500 | 63, 600 | 153,543 |
| 109 | South Bend, In | 3,168 | 1,918 | 299, 637 | $t 73,330$ |  | ${ }^{t} 73,330$ | t 372, 967 |
| 111 | Salem, Mass | 30,000 | u97,587 | ${ }^{\mathbf{u} 170,251}$ | 73,670 | 407, 000 | 480, 670 | $\boldsymbol{u} 650,921$ |
| 111 | Johnstown, Pa | 12,272 | $\begin{array}{r}\text { v } \\ \text { v113, } \\ \hline\end{array}$ | $\begin{array}{r} 113,474 \\ v 177,394 \end{array}$ | 101,200 58,200 | 45,520 10,000 | 146, 720 | - 26450,194 |
| 113 | Allentown, Pa | 3,500 | 9,592 | 150,881 | 106, 500 |  | 106,500 | 257, 381 |
| 114 | Davenport, Iow |  |  | 207,645 | 86, 343 | 24,291 | 110,634 | 318, 279 |
| 115 | McKeesport, Pa | 33,943 |  | $\begin{array}{r}169,289 \\ 97 \\ \hline 969\end{array}$ | 4,000 |  | 4,000 81,874 | 178,289 $\mathbf{1 7 9}$,543 |
| 117 | Chelsea, Mass. | 47,439 |  | 92,822 | 150,000 | 290,000 | 440,000 | 532, 822 |

a Including $\$ 135,316$ State and county tax.
b $\$ 57,700$ paid out of sinking fund.
c Not including $\$ 57,700$ paid out of sinking fund.
$d$ Data are for 9 months.
e Including $\$ 116,098$ State and county tax.
$f$ Including $\$ 207,194$ State and county tax.
o Not including $\$ 100,000$ paid out of sinking fund.
$\boldsymbol{h} \$ 54,000$ paid ont of sinking fund.
$i$ Not including $\$ 54,000$ paid out of sinking fund.
3 Including $\$ 2,082$ State tax.
$k$ Including $\$ 67,158$ State and county tax.
$l$ Not including $\$ 23,733$ expended by State and county for schools.
$m$ Including $\$ 48,407$ State tax.
n Not including $\$ 10,691$ expended by State and county for schools.
o Not including $\$ 7,050$ paid out of sinking fund.
$p$ Including $\$ 38,515$ state and county tax.
$q$ Notincluding $\$ 70,000$ paid out of sinking fund.
$r$ Including $\$ 38,615$ State and county tax, but not including $\$ 70,000$ paid out of sinking fund.
8 Not including 860,167 paid out of sinking fund.
$t$ Not including $\$ 3,168$ paid out of sinking fund.
$u$ Including $\$ 41,811$ State and county tax.
$v$ Including $\$ 112,725$ State and county tax.

Table XXI.-EXPENDITURES FOR CONSTRUCTION AND OTHER CAPITAL OUTLAY (1)Concluded.

| Mar- <br> ginal <br> num- <br> ber. | Cities. | Police department. | Police courts, jails, workhouses, reformatories, etc. | Fire department. | Health de-partment. | Hospi- tals,asy- lums, alms- houses, and other chari- ties. | Schools. | Libraries, art galleries, museums, etc. | Parks. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 118 | Chester, Pa |  |  |  |  |  | \$75, 002 |  |  |
| 119 | York, Pa.. |  |  | \$15,984 |  |  | 26, 776 | \$168 | \$775 |
| 120 | Malden, Mass. |  |  | 972 | \$436 |  | 15.541 | 5,257 | 7,110 |
| 121 | Topeka, Kans. |  |  | 443 |  |  | 28, 200 | 400 | 8,500 |
| 122 | Newton, Mass. |  |  | 3,797 |  | \$27,115 | 26,549 | 3,788 |  |
| 123 | Sioux City, Iowa |  |  | 4,904 |  |  | 2,556 | 834 |  |
| 124 | Bayonne, N.J.. |  |  | 7,170 |  |  | 8,846 | 305 |  |
| 125 | Knoxville, Tenn. |  |  |  |  | 6,342 |  |  |  |
| 126 | Schenectady, N. Y |  |  | 35,834 |  |  | 37, 478 |  | 1,296 |
| 127 | Fitchburg, Mass |  |  | 15,556 |  |  | 27, 889 | 2, 022 |  |
| 128 | Superior, Wis |  |  | 5,558 |  |  | 40,952 | 431 |  |
| 129 | Rockford, Ill.. |  |  |  |  |  | 6, 175 | 887 |  |
| 130 | Taunton, Mass |  |  | 915 |  |  |  | 1,345 |  |
| 131 | Canton, Ohio |  |  | 2,250 |  |  | 1,000 |  |  |
| 132 | Butte, Mont . . . . . | \$1,322 |  | 6,293 |  |  | a 18,316 | 14,362 |  |
| 133 | Montgomery, Ala |  |  |  |  |  | 2,082 |  | 3,269 |
| 134 | Auburn, N . Y ....... |  |  |  |  |  | 54, 122 |  |  |
| 135 | Chattanooga, Tenn |  |  | 4,754 |  |  |  |  | 1,500 |
| 136 | East St. Louis, Ill . |  |  |  |  |  | 61, 804 | 1,461 |  |
| 137 | Joliet, Ill |  |  |  |  |  | 26.000 | 1,338 | .... |

a Including expenditures of school district extending beyond city limits.

Table XXI.-EXPENDITURES FOR CONSTRUCTION AND OTHER CAPITAL OUTLAY (2) Concluded.

$a$ Included in other street expenditures for maintenance and operation.

Table XXI-EXPENDITURES FOR CONSTRUCTION AND OTHER CAPITAL OUTLAY (3)Concluded.

| Mar- <br> ginal <br> num <br> ber. | Cities. | Sinking fund. | Other. | Total, exclusive of loans repaid. | Loans repaid. |  |  | Total, including loans repaid. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | Longterm bonds (2 years or over). | $\begin{array}{\|c\|} \text { Tempo- } \\ \text { rary } \\ \text { loans and } \\ \text { short- } \\ \text { term } \\ \text { bonds } \\ \text { (less than } \\ 2 \text { years). } \end{array}$ | Total. |  |
| 118 | Chester, Pa | \$41,819 | a 812,306 | $a \$ 178,555$ | (b) | \$124,000 | c 8124,000 | d\$302,555 |
| 119 | York, Pa. |  | 1,000 | 47,603 | \$31,000 | 1,000 | 32,000 | 79,603 |
| 120 | Malden, Mass. | 42,986 | e 105,732 | e 229,446 | f 50,025 | 300,000 | $f 350,025$ | g 579,471 |
| 121 | Topeka, Kans | 14 | 33,845 | 217, 460 | 46,883 |  | 46,883 | 264,343 |
| 122 | Newton, Mass | 128,305 | h 172, 173 | h 557, 703 | 10,000 | 885, 000 | 895, 000 | h 1, 452, 703 |
| 123 | Sioux City, Iow | 73,017 | 1,590 | 111,461 | i95,382 | 39, 453 | $i 134,835$ | i246, 296 |
| 124 | Bayonne, N.J. | 66,000 | j 93, 293 | ke253, 935 | 137,000 | 74,000 | 211,000 | ce 464,935 |
| 125 | Knoxville, Tenn | 837 |  | 213,275 | (m) | 45,250 | n 45, 250 | - 58,525 |
| 126 | Schenectady, N. Y | 20,000 | p32,879 | - 290,817 | 13,000 | 166,518 | 179,518 | Q470,335 |
| 127 | Fitchburg, Mass. | 49,978 | r122,569 | $r 300,273$ | 128,900 | 502,800 | 631, 700 | r931,973 |
| 128 | Superior, Wis.... | 67, 861 |  | 119, 311 | 59,402 | 11, 800 | 71, 202 | 190,513 |
| 129 | Rockford, Ill .. |  | 700 | 82,996 | 13,000 | 228,000 | 241, 000 | 323, 996 |
| 130 | Taunton, Mass | 165, 136 | s62,970 | 8321, 062 | (t) | u354, 000 | 1354, 000 | w675, 062 |
| 131 | Canton, Ohio | 13,638 |  | 159,554 | 61, 446 | 3,333 | 64,779 | 224, 333 |
| 132 | Butte, Mont |  | 14,345 | $x 91,744$ | 13,000 | 67, 903 | 80, 903 | x172,647 |
| 133 | Montgomery, Ala |  |  | $v 81,607$ | 17,985 | 12, 400 | 30, 385 | $\boldsymbol{y} 111,992$ |
| 134 | Auburn, N. Y |  | 1,500 | 95,091 | 48, 107 | 15,800 | 63,907 | 158,998 |
| 135 | Chattanooga, Tenn |  |  | 12,728 |  | 57,000 | 57,000 | 69,728 |
| 136 | East St. Louis, IIl . |  | 53, 275 | 293,100 |  |  |  | 298, 100 |
| 137 | Joliet, Ill ......... |  |  | 126,866 | 11,000 | 51, 430 | 62, 430 | 189,296 |

a Including $\$ 7,097$ State tax.
$b \$ 5,000$ paid ont of sinking fund.
$c$ Not including $\$ 5,000$ paid out of sinking fund.
$a$ Including $\$ 7,097$ State tax, but not including $\$ 5,000$ paid out of sinking fund.
$e$ Including state and county tax.
$f$ Not including $\$ 10,000$ paid out of sinking fund.
$g$ Including State and county tax, but not including $\$ 10,000$ paid out of sinking fund.
$h$ Including $\$ 97,221$ State and county tax.
$i$ Not including $\$ 49,633$ paid out of sinking fund.
$j$ State and county tax.
$k$ Including $\$ 93,293$ State and county tax.
$l$ Not including expenditures for sewers included in other street expenditurey for maintenance and operation.
$m \$ 9,000$ paid out of sinking fund.
$n$ Not including 89,000 paid out of sinking fund.
o Not including expenditures for sewers included in expenditures for maintenance and operation and $\$ 9,000$ paid out of sinking fund.
$p$ County tax.
$q$ Including $\$ 32,879$ county tax.
$r$ Including $\$ 36,661$ State and county tax.
$s$ Including $\$ 47,580$ State and county tax.
1 $\$ 71,300$ paid out of sinking fund.
$u$ Not including $\$ 1,000$ paid out of sinking fund.
$v$ Not including $\$ 72,300$ paid out of sinking fund.
wincluding $\$ 47,580$ State and county tax, but not including $\$ 72,300$ paid out of sinking fund,
$x$ Including expenditures for school district extending beyond city limits.
$y$ Including unpaid warrants which can not be traced to the various items of expenditure.

TABLE XXIT.-EXPENDITURES FOR MAINTENANOE AND OPERATION (1).

| Marginal number. | Cities. | Police department. | Police courts,jails, workhouses, re-formatories, etc. | Firedepartment. | Health department. | Hospitals, asylums, almshouses,and other charities. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | New York N. Y | \$10,199,206 | \$1,310, 411 | \$4,739,992 | \$1,162,256 | \$4,754, 380 |
| 2 | Chicago, Ill. | 3,685,982 | 258,369 | 1,647,676 | 190,362 | 14,018 |
| 3 | Philadelphia, $\mathbf{P}$ | 3,036, 264 | 1,240,279 | 1, 101,090 | 250, 809 | 706, 430 |
| 4 | St. Louis, Mo. | 1,602,182 | 113, 632 | 769, 272 | 154,925 | 660,656 |
| 5 | Boston, Mass | 1,754,151 | $e 1,130,945$ | 1,285, 791 | 201, 712 | 1,207,768 |
| 6 | Baltimore, Md | 967,823 | 122, 431 | 509,763 | 94,715 | 310,367 |
| 7 | Cleveland, Ohio | 417,932 | 116,087 | 487, 383 | 98,502 | 142,985 |
| 8 | Bufialo, N. Y... | 793, 294 | 24,049 | 689, 425 | 47,415 | 135,686 |
| 9 | San Francisco, Ca | 789, 251 | 161,965 | 658,258 | 65,089 | 258, 410 |
| 10 | Cincinnati, Ohio | 555, 185 | 133,370 | 472, 388 | 48,016 | 237, 922 |
| 11 | Pittsburg, Pa.. | 490,287 |  | 559, 299 | 85,976 | 147,703 |
| 12 | New Orleans, L | 231,374 | 37,073 | 266, 851 | 44,708 | 59,290 |
| 18 | Detroit, Mich. | 542, 049 | 11,400 | 556, 567 | 41,989 | 56,588 |
| 14 | Milwaukee, Wis | 342,508 | 36,448 | 453, 574 | 42,432 | 9,610 |
| 15 | Washington, D. | 687,922 | 275, 649 | 266,900 | 70,893 | 407, 401 |
| 16 | Newark, N. J.. | 428,495 | 41,109 | 319,408 | 75,787 | 125,130 |
| 17 | Jersey City, N.J | 421, 616 |  | 241,187 | 8,465 | 28,598 |
| 18 | Louisville, Ky.. | 273, 615 | 106,475 | 230, 036 | 8,208 | 65,465 |
| 19 | Minneapolis, Min | 216,698 | 33,981 | 325, 507 | 24, 887 | 90, 178 |
| 20 | Providence, $\mathbf{R}$. I | 371, 875 | 4,957 | 355, 074 | 25,445 | 39,436 |
| 21 | Indianapolis, Ind | 159,579 | 2,635 | 181,029 | 15,754 | 38,399 |
| 22 | Kansas City, Mo | 255, 850 | 25, 212 | 248, 344 | 31, 551 | 41,841 |
| 23 | St. Paul, Minn. | 184, 239 | 36, 208 | 199,915 | 10,624 | 24,750 |
| 24 | Rochester, N. Y | 198,471 | 16,072 | 240, 644 | 28,106 | 87, 108 |
| 25 | Denver, Colo | 160,605 | 11,339 | 155, 420 | 25,672 | 34,852 |
| 26 | Toledo, Ohio | 110, 6550 | 21,550 | 116,523 | 14, 101 | 464 |
| 27 | Allegheny, Pa | 137, 871 |  | 147,329 | 15,588 | 75,043 |
| 28 | Columbus, Ohio | 124, 227 | 34,275 | 181,242 | 19,341 | 15,882 |
| 29 | Worcester, Mass | 149,699 |  | 167,667 | 31,291 | 137,691 |
| 30 | Syracuse, N. Y | 137, 809 | 13,624 | 175, 796 | 31,601 | 101,698 |
| 31 | New Haven, Con | 197,584 | 21,267 | 143,573 | 7,874 | 78,745 |
| 32 | Paterson, ${ }^{\text {N. }} \mathbf{J}$ | 124,335 | 3,495 | 120,196 | 8,291 | 54,714 |
| 33 | Fall River, Mass | 139,364 |  | 122,971 | 25,655 | 147,657 |
| 34 | St. Joseph, Mo. | 61,500 | 9,062 | 61,561 | 1,800 | 17,049 |
| 35 | Omaha, Nebr. | 91, 290 | 10,878 | 118, 183 | 8,354 | 9,385 |
| 36 | Los Angeles, Cal | 123,376 | 7,560 | 124,928 | 13,303 | 14,541 |
| 37 | Memphis, Tenn | n101, 670 | $\left.{ }^{( }\right)$ | 100,337 | k66,437 | 33,998 |
| 38 | Scranton, Pa. | 58,172 | 3,741 | 57,143 | 8,519 |  |
| 39 | Lowell, Mass | 136,500 |  | 119,075 | 12,191 | 107,881 |
| 40 | Albany, N. Y -... | 156,481 | 6,524 | 142,048 | 16,816 | 71,341 |
| 41 | Cambridge, Mass | $n 128,459$ | (o) | 91,120 | 18,500 | 142,580 |
| 42 | Portland, Oreg | 58,652 | (5,517 | 80,563 | 5,683 | 4,395 |
| 43 | Atlanta, Ga... | $n 111.600$ | (o) | 117,768 | r98,887 | 59,851 |
| 44 | Grand Rapids, Mic | 84,796 | 13, 678 | 122,518 | 16,646 | 15,386 |
| 45 | Dayton, Ohio.. | 88,256 | 13,781 | 74,792 | S, 630 | 21,272 |
| 46 | Richmond, Va. | 104,426 | 4,189 | 92,673 | 9,191 | 42,948 |
| 47 | Nashville, Tenn | $t 89,097$ | $\boldsymbol{u 4 , 8 6 0}$ | 89,270 | 13,328 | 23,661 |
| 48 | Seattle, Wash. | 85,691 | 9,429 | 97,377 | 14,702 | 8,514 |
| 49 | Hartford, Conn | 120,936 | 6,075 | 116,305 | 11,574 | 80,342 |
| 50 | Reading, Pa . | 51,956 |  | 42,022 | 4,842 |  |
| 51 | Wilmington, Del | 81,950 | 3,100 | 36,510 | 5,130 | 704 |
| 52 | Camden, N.J | 92,163 | 6,064 | 86,298 | 7,000 | 10,620 |
| 53 | Trenton, N.J | 87,800 | 2,800 | 72,900 | 6,700 | 18,119 |
| 54 | Bridgeport, Conn | 68,721 | 8,196 | 75,614 | 4,785 | 68,206 |
| 55 | Lynn, Mass | 80,557 |  | 96,740 | 11,839 | 109,966 |
| 56 | Oakland, Cal .. | 65,367 | 7,702 | 76,575 | 14,335 | 2,290 |
| 57 | Lawrence, Mass | 65,113 | ( $x$ ) | 59,586 | 14,720 | 71,462 |
| 58 | New Bedford, Mass | 113,457 | (x) | 78,738 | 30,274 | 68,071 |
| 59 | Des Moines, Iowa. | 50,780 | (4,420 | 80,670 | 3,660 | 2,700 |
| 60 | Springfield, Mass | 67,639 | ( ${ }^{(0)}$ | 97, 390 | 7,161 | 57,500 |
| 61 | Somerville, Mass | "66, 165 | (o) | 64,943 | 8,078 | 40,793 |
| 62 | Troy, N.Y. | 111,978 | 4,503 | 64,421 | 19,941 | 89,085 |

a Including $\$ 217,562$ for College of City of New York and $\$ 185,411$ for Normal College.
$b$ Including expenditures for street sprinkling.
c Included in expenditures for street cleaning.
$d$ Not including $\$ 160,000$ expended by street-railway company and $\$ 14,110$ expended by board of directors of trust funds.
e Including $\$ 1,088,608$ expended by county.
$f$ Including $\$ 152,723$ for University of Cincinnati.
$g$ For drainage system.
$h$ Paid for by property owners.
$i$ Not including expenditures by United States Government for lighting of public parks and spaces.
$j$ Including other street expenditures.
as Including expenditures for garbage removal.
$l$ Included in other street expenditures.

Table XXII.-EXPENDITURES FOR MAINTENANCE AND OPERATION (1).

| Schools. | Libraries, art galleries, museums, ete. | Parks. | Sewers. | Municipal lighting. | Street cleaning. | Street sprinkling. | Other street expenditures. | Mar- <br> ginal <br> number. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| a\$19, 731, 629 | \$736, 111 | \$1,367,086 | \$423,104 | \$2, 734, 276 | \$2,906,767 | \$108,371 | \$4,399,078 | 1 |
| 8,203,493 | 211,019 | 759,332 | 283, 321 | 475,687 | b605, 201 | (c) | 296,563 | 2 |
| 3, 319,604 | 257, 252 | 449, 963 | 273, 825 | 1,234, 236 | b 320,224 | (c) | d 448,535 | 3 |
| 1,526, 140 | 37, 284 | 115, 370 | 97, 839 | 585,900 | 130,892 | 150,691 | 294,072 | 4 |
| 3,043, 640 | 267, 509 | 419,903 | 394,408 | 770,425 | 356, 446 | 164,259 | 1,641,552 | 5 |
| 1,417,392 | 41, 259 | 208, 158 | 40,815 | 327,600 | 207,728 | 606 | 187, 764 | 6 |
| 1,257,345 | 82,487 | 77,358 | 49,134 | 259, 228 | b62,263 | (c) | 47,982 | 7 |
| 1, 161, 834 | 98,769 | 200,257 | 11,516 | 351,154 | b 143,918 | (c) | 118, 559 | 8 |
| 1, 166, 763 | 47,337 | 166,876 | 63,167 | 254, 577 | 178,368 | 14,380 | 110,111 | 9 |
| f1,126,631 | 86, 114 | 45,651 | 32,496 | 340, 463 | 233, 369 |  | 118,244 | 10 |
| 843,648 | 126,000 | 162,784 | 44,329 | 306, 374 | b253,531 | (c) | 168,909 | 11 |
| 478, 025 | 9,827 | 8,867 | g37,893 | 216,281 | 104,981 | (h) | 15,831 | 12 |
| 869, 713 | 51, 226 | 108, 713 | 36, 848 |  | 161,441 | (h) | 348,799 | 13 |
| 764,968 | 62,356 | 53, 346 | 95, 909 | 210,276 | 110, 228 | 79, 331 | 153,693 | 14 |
| 1,182,916 | 8,746 | 81,502 | 137,181 | [246,533 | 176, 633 | 3,000 | 370, 791 | 15 |
| 830, 081 | 40,585 | 3,890 | 71,238 | 217, 820 | \$139,228 | (h) | (c) | 16 |
| 500,332 | 31,333 | 11, 303 | 21,255 | 161, 167 | k67,529 | (h) | 155,227 | 17 |
| 512,947 |  | 46,588 | 15,010 | 151, 173 | 108,999 |  | k 148,598 | 18 |
| 736, 981 | 42, 209 | 68,763 | 20,915 | 154,999 | 40,641 | 112,450 | 64, 881 | 19 |
| 739, 695 | 22,349 | 47,298 | 72, 430 | 290,843 | 59,807 | (h) | 231,835 | 20 |
| 558,630 | 26,788 | 61, 452 | 10,602 | 113,273 | 55,939 | 41,639 | 27, 196 | 21 |
| 555, 272 | 28, 314 | 97,650 | 22,426 | 78,822 | 90,652 | 9,897 | 61,426 | 22 |
| 584,702 | 15,555 | 57,168 | 16,667 | 133,800 | j 151,267 | 27,535 | (c) | 23 |
| 550, 031 | 3,462 | 34, 178 | 3,716 | 250,038 | 90,360 | 39,941 | 58, 286 | 24 |
| 679,071 | 24,314 | 70,248 | 19,941 | 91, 886 | 41,593 | 44, 260 | 66,082 | 25 |
| 398,805 | 10,991 | 44,946 | 12,689 | 77,548 | 44,571 |  | 73, 236 | 26 |
| 368,027 | 31, 672 | 28,302 | 12,564 |  | b34,023 | (c) | 37,758 | 27 |
| 421,588 | 10,967 | 11,602 | 9,658 | 75,743 | b72,422 | (c) | 111,024 | 28 |
| 517,844 | 33,981 | 22, 509 | 232,985 | 122,166 | 41,767 | 36,456 | 233,813 | 29 |
| 410,459 | 26,605 | 30, 743 | (l) | 111,000 | 81, 839 | 23, 110 | m 76, 378 | 30 |
| 382, 950 | 13,818 | 21,794 | 19,800 | 87,501 | 40,200 | 27, 897 | 81,095 | 31 |
| 313,166 | 14,034 | 20,000 | 11, 269 | 87,000 | 34,323 | 4,000 | 40,968 | 32 |
| 326,335 | 15,168 | 1,904 | (i) | 99,950 | 23, 300 | 9,726 | m 124,968 | 33 |
| 160, 490 | 7,789 | 8,999 | 250 | 400 | 9,013 |  | 60,538 | 34 |
| 392, 276 | 16,776 | 20,623 | 21,491 | 80,226 | b22,923 | (c) | 44,509 | 35 |
| 497,016 | 19,063 | 61,873 | 8,466 | 71,857 | 35, 543 | 55,926 | 101,764 | 36 |
| 140, 863 | 5,126 | 2,942 | 3,141 | 49,363 | 10, 191 | 20,853 | 97,839 | 37 |
| 315, 146 | 9,900 | 4,256 | 8,070 | 46,733 | p15,895 | (a) | 50,715 | 38 |
| 331,899 | 16,480 | 11,346 | 12,499 | 93,147 | 28, 300 | 10,164 | 54, 389 | 39 |
| 294, 065 | 9,700 | 45,103 | 14,884 | 90, 121 | 12,360 |  | 66,211 | 40 |
| 439, 593 | 20,622 | 21,375 | 95,475 | 72,168 | 30,000 | 26,684 | 159,969 | 41 |
| 268,791 |  | 12,749 | 4,973 | 49,653 | b39, 253 | (c) | 10,519 | 42 |
| 166, 842 | 7,000 | 13,595 | 8,141 | 75,527 | (s) | (s) | 98, 848 | 43 |
| 304,450 | 7,667 | 23,276 | 7,076 |  | 43,770 | (h) | 12,486 | 44 |
| 318,402 | 10,516 | 2,719 | 1,980 | 52,668 | 18,446 | 682 | 19,011 | 45 |
| 124, 107 | 650 | 6,800 | 10,001 | 34, 217 | 34,400 | 1,500 | 55, 508 | 46 |
| 169,799 | 5,000 |  | (2') | 47, 303 | (v) | 12,060 | 51, 560 | 47 |
| 263, 959 | 18,751 | 19,821 | 11,772 | 33,241 | 17,000 |  | 30,935 | 48 |
| 385, 731 | 11,000 | 33,334 | 14,267 | 58,461 | 43,876 | 22,912 | 122,563 | 49 |
| 212, 326 | 4,180 | 13,902 | 33,376 | 69,409 | 15,000 | (h) | 42,220 | 50 |
| 195, 109 | 7,036 | 10,646 | 8,768 | 45,752 | b13, 553 | (c) | 37,368 | 51 |
| 242, 0?1 | 1,898 | 1,541 | 4,528 | 83,972 | b 15, 100 | (c) | 28,938 | 52 |
| w 222, 246 | 5,680 | 14,862 | 4,538 | 55,583 | 15,182 | (h) | 15,244 | 53 |
| 179,775 | 12,438 | 19,143 | 8,488 | 55,786 | 28,000 | 7,474 | 54,715 | 54 |
| 237,972 | 14, 186 | 9,091 | 9,438 | 53,593 | 8,415 | 21,577 | 79,693 | 55 |
| 299,017 | 15,668 | 5,258 | 4,345 | 63,906 | 17,566 | 14,980 | 22,876 | 56 |
| 185, 821 | 11,872 | 7,149 | 17,292 | 36,433 | 8,335 | 11,665 | 30,267 | 57 |
| 234,940 | 14,017 | 23,012 | 7,647 | 52,338 | 14,927 | (h) | 66, 129 | 58 |
| 272,444 | 11,271 | 30, 226 | 11, 784 | 49,338 | b16,926 | (c) | 10,490 | 59 |
| 359,560 | 29,945 | 23,110 | 13,272 | 66,698 | 24,912 | 27,100 | 81,648 | 60 |
| 294, 374 | 16,882 | 9,610 | 10,167 | 58,290 | b15,682 | (c) | 83,564 | 61 |
| 215, 120 |  | 2,355 | 6,574 | 83,374 | 106,281 | 7,679 | 11, 180 | 62 |

$m$ Including expenditures for sewers.
$n$ Including expenditures for police courts, jails, workhouses, reformatories, ete.
olncluded in expenditures for police department.
$p$ Including expenditures for flushing streets.
q No sprinkling done; expenditures for flushing streets included in expenditures for street
cleaning.
rincluding expenditures for street cleảning, sireet sprinkling, and garbage removal.
s Included in expenditures for health department.
$t$ Including expenditures for police courts and jails.
$u$ Expenditures for police courts and jails included in expenditures for police department.
$v$ Included in expenditures tor garbage removal.
to For 16 months.
$x$ Supported by county.

TABLE XXII.-EXPENDITURES FOR MAINTENANCE AND OPERATION (2).

a Including $\$ 126,103$ expended by county.
$b$ Including $\$ 1,214,711$ expended by comity.
$c$ Including expenditures for ferries and hridges.
d Included in expenditures for docks and wharves.
e Not including expenditures for street sprinkling, paid for by property owners.
$f$ For 6 months only.
$g \$ 574,235$ paid out of sinking fund.
$h$ Including expenditures by United States Government.
i Including expenditures by United States Government for waterworks, but not including expenditures of United States Government for lighting public parks and spaces and $\$ 574,235$ paid out of sinking fund.

Table XXII.-EXPENDITURES FOR MAINTENANCE AND OPERATION (2).

| Electriclight plants. | Docks and wharves. | $\begin{aligned} & \text { Ferries } \\ & \text { and } \\ & \text { bridges. } \end{aligned}$ | Markets. | Cemeteries. | $\left\|\begin{array}{c}\text { Bath } \\ \text { huses and } \\ \text { bathing } \\ \text { pools and } \\ \text { beaches. }\end{array}\right\|$ | Other. | Total. | $\begin{aligned} & \text { Mar- } \\ & \text { ginal } \\ & \text { num- } \\ & \text { ber. } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | \$863, 729 | \$889, 283 | \$72,688 | \$1,200 | \$89, 895 | \$27, 137, 298 | 8102, 946,573 |  |
| \$330,716 | 22,680 | 115, 491 | 4,000 |  | 16,443 | 1,560, 446 | 22, 260, 661 |  |
|  | 13, 288 | 101,885 | 7,310 | 1,870 | 10,200 | 2, 8051,450 | 19, 106,707 |  |
|  | 58,029 |  | 6,675 13,071 |  |  | 761,821 $3,955,881$ | \% $\begin{array}{r}8,715,821 \\ 2988 \\ \hline\end{array}$ |  |
|  | 5,706 | 443,094 20,357 | -29,941 | 67,892 | 155,989 8,064 | $3,955,881$ $1,005,474$ | $\begin{array}{r}\text { b } 21,898,291 \\ 7,613 \\ \hline\end{array}$ |  |
|  | c 59,395 | (d) | 20,707 | 29,108 |  | 1,478,684 | 4, 805, 717 |  |
|  | 51,714 | 7,943 | 14,370 | 167 | 3,114 | -796, 377 | $5,865,286$ |  |
|  |  |  |  |  |  | $1,4 \% 5,320$ 493,873 | $5,891,297$ <br> $\mathbf{6 , 2 1 5}$ | 10 |
|  | 4,547 | -35, 23,374 | 12,126 |  |  | 493,873 903,386 | $6,215,866$ $5,406,446$ | 10 |
|  |  |  | 4, 2,00 |  |  | 1,887, 072 | e $4,297,808$ | 12 |
| 108,244 | ${ }_{17} 277$ | 7,985 | 7,355 |  |  | -692, 691 | e $4,055,966$ | 13 |
|  | 17,618 | 60, 860 |  |  | 11,275 | -579, 127 | 3,733, 315 | 14 |
|  | - 99 | 13,472 3,828 | 7,034 20,992 |  | 2,543 4,580 | $1,003,163$ 388,445 | $i 5,387,271$ $e 3,812,511$ | 15 16 |
|  | 4,535 |  |  |  |  | 397, 204 | e 3,598, 464 | 17 |
|  | 8,792 |  |  | 720 |  | 467, 997 | 2,774,987. | 18 |
|  |  | 25,075 |  |  | 4,908 | 469, 784 | 2, 944, 208 |  |
|  |  | 30, 193 |  | 24,898 | 1,076 | 318,769 | e $3,465,201$ | 20 |
|  |  | 5,563 6,394 | 9,306 2,880 |  | 40.5 | 225, 328 | $1,706,434$ $2,751,935$ | ${ }_{22}$ |
|  |  | 42,753 | 2,349 |  |  | 431, 933 | $2 \mathrm{~L}, 3688,991$ | 23 |
|  |  | 23,264 |  | 34, 352 | 2,870 | 814, 475 | 3, 238,368 | 24 |
|  |  | 24,583 | 2,906 6,255 | 9,748 |  | 323,741 199,624 | 1,889,983 |  |
| 93, 883 | 3,438 | 24,03 | 6,577 |  |  | 155, 038 | 1,639,540 |  |
|  |  | ${ }^{617}$ | 9,052 |  |  | 208,722 | n1, 446, 274 |  |
|  |  | 11,306 |  | 24,854 1,253 |  | 109,224 570,595 | 2, 364, 259 <br> $2,295,883$ <br> 1,48 | 30 |
|  | 78 | 21, 14,322 | 7,203 | 1,253 | 5,223 | 570,595 147,697 | $2,295,883$ $1,453,412$ | 30 |
|  |  |  |  |  |  | 210,558 | 1,228, 754 |  |
| 24,093 |  | 500 | 1,030 | 20,318 |  | 242,688 402,788 | 1, 613,904 |  |
|  |  |  |  |  |  | 344,815 | 1,444, 287 |  |
|  |  |  | 1,854 78806 |  |  | 254,071 | 1,472,576 | 36 |
|  | 7,217 | 15,000 4,809 | 7,806 |  |  | 91,386 122,119 | 915,090 761,734 |  |
|  |  | 9,841 |  | 8,019 |  | 152, 791 | 1,407,470 |  |
|  |  | 4,718 | 2,819 |  | 1,912 | 175, 074 | 1,452,016 | 40 |
|  |  | 21,346 |  | 18,150 | 2,370 | 407, 739 | 2, 157,056 | 41 |
|  |  | 8,398 1,247 |  | -12,395 |  | 712, 763 | 959, 1, 164,751 |  |
| 23,568 |  | 5,233 | 2,031 | 16,527 |  | 178,787 | $e{ }^{1,034,506}$ | 4 |
|  | 33 | 11, 401 | 5,132 |  |  | $60,097$ | 943,194 |  |
|  |  | 4,301 | 6,708 2,409 | 9,032 |  | 154,462 58,115 | 1,261, 816 | 46 |
|  | 2,578 |  |  |  |  | 164, 895 | 1, 8122,302 | 48 |
|  |  | 13,651 |  | 4,490 | 2,152 | 121,339 | 1,457,939 | 49 |
|  |  |  | 1,145 |  |  | 77,974 | e 691,480 | 0 |
|  |  |  |  |  | 25 | 60, 616 | 871, ${ }_{8} \mathbf{5 6 8}$ | 51 |
|  |  |  |  |  |  | 65, 361 | -799, 650 |  |
|  |  | 5,834 |  |  |  | 87,276 | 782, 711 | 4 |
|  |  |  |  | 28,935 |  | 139,781 | 1,218,846 |  |
|  | 8,090 |  |  |  |  | 89,372 | 781, 181 | 6 |
|  | 5,874 | $\begin{array}{r} 7,332 \\ 90 \end{array}$ |  | $\begin{aligned} & 10,773 \\ & 32.403 \end{aligned}$ |  | 54,756 69,627 | 810,371 e $1,017,982$ | 8 |
|  |  | 16,223 |  | 8,095 | 800 | 120,600 | -742, 465 | 9 |
|  |  | 1,990 |  |  | 635 | 97,013 | 1,162,739 | 60 |
|  |  | 235 | 1,214 | 720 | 86 | 2301, | 1,015,681 | $\stackrel{61}{62}$ |

[^18]Table XXII.-EXPENDITURES FOR MAINTENANCE AND OPERATION (1)-Continued.

\begin{tabular}{|c|c|c|c|c|c|c|}
\hline \[
\begin{aligned}
\& \text { Mar- } \\
\& \text { ginal } \\
\& \text { num. } \\
\& \text { ber. }
\end{aligned}
\] \& Cities. \& Police department. \& Police
courts, jails,
work-
houses. re-
forma-
tories, etc. \(|\) \& Fire department. \& Health department. \& \begin{tabular}{l}
Hospitals, asylums, alms- \\
houses, and other charities.
\end{tabular} \\
\hline 63 \& Hoboke \& \$108, 321 \& \$ 8,400 \& \$882,856 \& 86,712 \& 815,402 \\
\hline 64 \& Evansville, ind \& 51,539 \& 1,649 \& 60,406 \& 2,210 \& 2,274 \\
\hline 65 \& Manchester, N. H \& 45,646 \& 2,751 \& 88,791 \& 12,931 \& 20,682 \\
\hline 66 \& Utica, N.Y..... \& 41,490 \& 2,385 \& 75,665 \& -13,079 \& 17,105 \\
\hline 67 \& Peoria, Ill . \& 63,370 \& 15,006 \& 62,419 \& 5,991 \& 22,805 \\
\hline 68 \& Charleston, S.C \& 89,773 \& \& 48,200 \& 11,904 \& \(f 64,782\) \\
\hline 69 \& Savannah, Ga \& 87,443 \& \({ }^{36}\) \& 76,812 \& 17,940 \& 17,923 \\
\hline \[
\begin{aligned}
\& 70 \\
\& 71
\end{aligned}
\] \& Salt Lake City, Uta
San Antonio, Tex \& - \(\begin{array}{r}40,422 \\ \hline 140\end{array}\) \& \({ }_{(j)}^{5,621}\) \& 43,051
43,973 \& 5,284
\(\mathbf{1 4 , 9 3 3}\) \& 10,001
7,186 \\
\hline 72 \& Duluth, Minn . \& 41,407 \& 13,946 \& 87,775 \& 6,049 \& 13,243 \\
\hline 73 \& Erie, Pa. \& 30,842 \& 1,786 \& 52,752 \& 6,697 \& \\
\hline 74 \& Elizabeth, N. J \& 53,431 \& 700 \& 25,688 \& 6,655 \& 19,777 \\
\hline 75 \& Wilkesbarre, Pa. \& 35,110 \& 1,036 \& 35,937 \& 3,183 \& \\
\hline 76 \& Kansas City, Kans \& 52,427 \& 5,226 \& 40,251 \& 23,041 \& \\
\hline 77 \& Harrisburg, Pa ... \& 30,609 \& \& 20,039 \& 25,475 \& \({ }^{250}\) \\
\hline 78 \& Portland, Me. ( \({ }^{(n)}\) \& 42,346
80
803 \& \& 60,815
48,657 \& 4,236
\(\mathbf{2 4 , 4 5 4}\) \& -35,653 \\
\hline 89 \& Yonkers, N . Y . \& 80,303
61505 \& 8,620 \& 48,657 \& 24,454 \& 6,752 \\
\hline \[
\begin{aligned}
\& 80 \\
\& 81
\end{aligned}
\] \& Norfolk, Va -... Waterbury Co \& 61,505
41,401 \& 47
4,816 \& 46,411 \& 26,752
2,681 \& 12,562 \\
\hline 82 \& Holyoke, Mass \& 48,409 \& \& 73, 330 \& 6,634 \& 50,551 \\
\hline 83 \& Fort Wayne, Ind \& 31,968 \& \& 55,811 \& 4,828 \& \\
\hline 84 \& Youngstown, Ohi \& \(\begin{array}{r}44,643 \\ \hline 5098\end{array}\) \& (i),013 \& 35,324 \& -6,334 \& 13,661 \\
\hline \[
\begin{aligned}
\& 85 \\
\& 86
\end{aligned}
\] \& Houston, Tex Covington Ky \& \(i 52,918\)
38,719 \& \({ }^{(j)} 7195\) \& 63,749
33,530 \& \(p 23,279\)
16,276 \& \\
\hline 87 \& Akron, Ohio.. \& 32,021 \& 2,830 \& 40,505 \& \& 18,949 \\
\hline 88 \& Dallas, Tex. \& 39,053 \& 5,787 \& 50,071 \& p20,001 \& \\
\hline 89 \& Saginaw, Mich \& 33,018 \& 2,746 \& 30,131 \& 2,697 \& 14,299 \\
\hline 90 \& Lancaster, Pa \& 16,046 \& \& 15,297 \& 1,519 \& 1,264 \\
\hline 91 \& Lincoln, Nebr... \& 15,736 \& 1,500 \& 29,039 \& -3,355 \& \\
\hline \({ }_{93}^{92}\) \& Brockton, Mass \& 41, 487
28,975 \& 1,800 \& 54,665
26,512 \& 10,476
5,710 \& 39,138 \\
\hline 94 \& Augusta, Ga.. \& 57,983 \& 5,519 \& 52,973 \& 7,781 \& 22, 418 \\
\hline \({ }_{96}^{95}\) \& Pawtucket, R. \& -46,686 \& \({ }^{(v)} 691\) \& 38,430 \& 1945 \& 21,492 \\
\hline 97 \& Wheeling, W.V. \& 36,852 \& 6,232 \& 42,347 \& 4,193 \& 2,303 \\
\hline 98 \& Mobile, Ala \& 38,595 \& 1,116 \& 23, 914 \& 1,983 \& 9,927 \\
\hline 99 \& Birmingham, Ala \& 45,081 \& 14,195 \& 38,345 \& 3,495 \& 5,823 \\
\hline 100 \& Little Rock, Ark \& 130,939

29,790 \& ( ${ }_{(4,327}$ \& 28,742 \& 1,928
3,457 \& 7,945
9689 <br>
\hline 102 \& Gpriveston, Tex \& 29,790
$\mathbf{i 4 0 , 1 3 3}$ \& \& 27,645
51 \& bb 19,163 \& 9,689
28,253 <br>
\hline 103 \& Tacoma, Wash. \& 35,256 \& 2,767 \& 46,934 \& 4,200 \& 3,038 <br>
\hline 104 \& Haverhill, Mass \& 33,017 \& \& 48,953 \& 3,635 \& 39,815 <br>
\hline 105 \& Spokane, Wash \& 36,091 \& 6,037 \& 67,185 \& 5,443 \& 7,451 <br>
\hline 107 \& Dubuque, Iowa. \& 30,275
27 \& 1,000 \& 32,361 \& 1,770 \& <br>
\hline 108 \& Quincy, Ill \& 21,153 \& 5,964 \& 28, 499 \& 3,592 \& <br>
\hline 119 \& South Bend, Ind \& 21,115 \& \& 33,648 \& 676 \& <br>
\hline 110 \& Salem, Mass \& 38,643 \& \& 35, 305 \& 14,739 \& 47,484 <br>
\hline 111 \& \& 17,664 \& \& 10, 200 \& 1,107 \& <br>

\hline 112 \& | Elmira, N. Y |
| :--- |
| Allentown Pa | \& \[

$$
\begin{aligned}
& i 35,040 \\
& i 19004
\end{aligned}
$$
\] \& ${ }_{(j)}^{(j)}$ \& 54,343

18,744 \& 7,651
$\mathbf{1 , 8 3 8}$ \& 10,260 <br>
\hline 114 \& Davenport, Iow \& -26, 223 \& \& 18,046 \& p4,517 \& ( $)$ <br>
\hline 115 \& McKeesport, Pa. \& i34, 969 \& \& 33, 498 \& 3,296 \& <br>
\hline 116 \& Springfield, Ill. \& 32,269
35,104 \& 4,306 \& 44,617 \& 2,249 \& <br>
\hline
\end{tabular}

a Including expenditures for street sprinkling.
$b$ Included in expenditures for street cleaning.

- For 11 months only.
$\boldsymbol{a}$ Including expenditures for street sprinkling; for 11 months only.
e Included in expenditures for street cleaning; for 11 months only.
$f$ Including $\$ 1,000$ contribnted to Jacksonville fund.
onot including $\$ 69,493$ expended by State and county.
$h$ Supported by State and county.
$i$ Including expenditures for police courts, jails, workhouses, reformatories, etc.
Included in expenditures for police department.
$k$ Included in other street expenditures.
$\boldsymbol{l}$ Including expenditures for parks, street cleaning, and street sprinkling.
$m$ Paid for by property owners.
$n$ Data are for 9 months.
oIncluding expenditures for garbage removal.
pIncluding expenditures for hospitals, asylums, almshouses, and other charities

Table XXII.-EXPENDITURES FOR MAINTENANCE AND OPERATION (1)-Continued.

| Schools. | Libraries, art galleries, museums etc. | Parks. | Sewers. | Municipal l.ghcing. | St"eet cleaning. | Street sprinkling. | Other street expenditures. | $\begin{aligned} & \text { Mar- } \\ & \text { Minal } \\ & \text { num- } \\ & \text { ber. } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| \$186,560 | \$8,473 | \$4, 500 | \$5,718 | \$27,499 | a\$16,010 | (b) | \$1,695 | 3 |
| 175, 229 |  | 1,698 | 3,999 | 28,072 | 15,499 | \$7,109 | 5,326 | 64 |
| 125, 929 | 5,279 | 5,264 | 4,179 | 59,471 | 8,639 | 3,619 | 46, 378 | 65 |
| - 169, 149 | ${ }^{06,186}$ | c6,956 | c 3, 821 | c62,773 | d23, 111 | (e) | c 7, 2.25 | 66 |
| 199,306 | 11,046 | 28,493 | 5,229 | 34,901 | 16,853 |  | 18,883 | 67 |
| 87,950 | 500 | 9,349 | 7,222 | 27, 254 | 14,983 | 1,500 | 16,635 | 68 |
| ${ }_{264}{ }_{2}{ }^{\text {a }}$, 557 | 5,680 | 8,712 7,821 | 4,865 | 36,591 31,203 | 15,271 14,714 | 1,200 25,067 | 40,953 20,160 | 69 70 |
| 107,965 |  | 12,706 | 3,359 | 31,203 | 17,559 | 4,828 | 71,694 | 71 |
| 241, 867 | 8,547 | 8,628 | 8,649 | 23,610 | 3,830 | 7,507 | 39,802 | 72 |
| 137, 896 | 6,789 | 3,692 |  | 37, 322 | a 5,477 | (b) | 12,444 | 3 |
| 126,660 |  | (c) | $\stackrel{2}{216}$ | 22,647 |  | (k) | l26, 838 | 74 |
| 144, 211 |  |  | 7,143 | 40, 212 | (m) | (m) | 38,158 | 75 |
| 116,611 | 1,747 | 1,284 | 4,036 | 33,195 | a 13, 510 | (b) | 16,200 | 76 |
| 157, 604 |  | 3,460 | 1,000 | 33,779 | 3,395 |  | 36,086 | 78 |
| 139,571 207,045 | 6,100 4,403 | 4, $\mathbf{2 3 , 6 4 0}$ | 24,666 3,821 | 37,507 39,540 | 18,995 16,867 | $\underset{\substack{(m) \\ 7,403}}{ }$ | 47,513 24,377 | 78 79 |
| 58,774 | 1,500 | 9,774 | 19,641 | 16,556 | -35,755 | 1,113 | 43,259 | 80 |
| 179,955 | 1,000 | 3,783 | 6,696 | 22,887 | 9,750 | ${ }^{m}$ ) | 15,245 | 1 |
| 197, 117 | 6,000 | 7,442 | 3,102 | 30, 191 | 8,455 | 9,115 | 15,877 | 82 |
| 111,732 | 5,097 | 10,636 | 2,170 | 29,100 | 10,537 | 145 | 8,976 | 3 |
| 145,314 | 2,877 | 1,539 | 4,889 | 24, 158 | 20,216 |  | 9,249 | 85 |
| ${ }_{92} 125,231$ | ......... | 1,900 | 3,280 | 21,800 |  |  | r 58,664 | 86 |
| 166, 828 | 9,163 | 1,682 | 3,298 1,500 | 20,043 | 8,695 5,200 | 5,447 | 827,709 | 888 |
| 192,762 | 3,535 | 2, 480 | 1,114 | 23,947 | 10,638 | 2,894 | 22,393 | 88 |
| 142,353 | 2,443 | , 526 | 1,006 | 18,000 | 8,709 |  | 26,803 | 89 |
| 88,944 |  |  | 833 | 27,492 | 5,716 | (m) | 14, 257 | 90 |
| 117,821 | 4,387 | 100 | 2,465 | 13,800 | $t 3,370$ | (b) | u6,709 | 91 |
| 140,787 | 6,651 |  | 11,636 | 32,663 | 6,900 | 9,993 | 80,006 | 92 |
| 156, 363 | 1,892 | 3,210 936 |  | +24,078 | 10,546 1,700 | 2,110 | 20,048 5,695 | 99 |
| 134,843 | 7,182 | ${ }_{236}$ | 11,100 | 38, 299 | 14,361 | 8,622 | 24, 356 | 95 |
| 88,699 |  |  | 3,070 | 16,499 | a 4, 919 | (b) | 13,132 | 96 |
| ${ }_{(x)}^{94,545}$ | 5,053 |  | , 2,723 |  | 9,689 84,934 |  | 1, ${ }^{1,23}$ | 98 |
| $\stackrel{(x)}{\nu 26,287}$ | (z) | 1,807 4,093 | $\begin{array}{r}2,723 \\ \hline 159\end{array}$ | 18,384 |  | ${ }_{(m)}^{(m)}$ | $\begin{array}{r}\text { 26,471 } \\ r \\ \text { 29, } \\ \hline 1805\end{array}$ | ${ }_{99}^{98}$ |
| -76,427 |  | 3,624 | 1,086 |  | (k) | (m) | $\boldsymbol{r 1 1 , 7 2 7}$ | 100 |
| 112,192 | 4,114 | 8,515 | 1,663 | 36,446 | ${ }^{(k)}$ | ( | -a 47,829 | 101 |
| -96,310 | 1,375 | 177 | 2,370 |  | (a) |  | 25, 038 | 102 |
| 164,090 | 5,106 | 6,354 | 12,989 |  | (k) ${ }^{\text {d }}$ 607 |  | r 26,777 | 103 |
| 122,508 | 11,114 | 7,387 | 8,164 | 36,665 |  | 8,977 | 42,477 | 104 |
| 157, 248 | 1,070 8,418 | 5,704 | 1,609 1,200 | ${ }_{27}^{11,107}$ | 5,132 12,473 | 4,080 | 15,892 9,202 | 105 |
| 94,683 |  | 1,047 | 4,760 | 24,162 | 13,770 | (m) | 25,773 | 107 |
| 82,732 | 4,337 | 6,308 | 2,292 | 19,893 | 4,155 |  | 8,397 | 108 |
| 81,931 | 4,583 | 2,936 | 2,225 | 19,695 | 18,972 |  | 18,605 | 109 |
| 118,029 | 7,413 | 6,300 | 3,231 | 36,913 | 5,813 | 4,134 | 46,441 | 110 |
| 104,344 |  | 1,530 | 2,500 | 18,416 | a8, 147 | (b) | 5,090 | 111 |
| 130, 057 | 2,000 | 6,679 | 10,734 | 37, 299 | 3,744 |  |  | 1112 |
| 92,662 150,081 | 394 | 7,399 | 1,829 | $\begin{array}{r}19,727 \\ 9,574 \\ \hline\end{array}$ | 1,505 9,624 |  | 10,039 10,808 | 111 |
| 105,008 | 3,000 |  | 1,500 | 20,416 | $a 9,000$ | (b) | 8,825 | 115 |
| 105, 971 | 2,968 | (ca) | 2,212 | 22,667 | a 13,858 | (b) | 7,926 | 116 |
| 124, 471 | 3,896 | 1,425 | 4,468 | 27, 896 | 4,999 | 9,190 | 27, 771 | 117 |

$q$ Included in expenditures for health department.
$r$ Including expenditures for street cleaning.
sincluding expenditures for street sprinkling and garbage removal.
$t$ Including expenditures for street sprinkling, but not including $\$ 8,500$, value of work performed by citizens in lieu of payment of poll tax in cash.
u Not including $\$ 2,287$, value of work performed by citizens in lieu of payment of poll tax in cash.
v, 99,060 expended by State and county.
uSupported by State.
$x \$ 45,876$ expended by state and county.
$\boldsymbol{y}$ Including expenditures for libraries, art galleries, museums, etc., but not including $\$ 24,431$ expended by state and county.
z Included in expenditures for schools.
aa Including expenditures for street cleaning and removal of ashes.
bbIncluding expenditures for street cleaning and garbage removal.
cc Included in expenditures for waterworks.

Table XXII-EXPENDITURES FOR MAINTENANCE AND OPERATION (2)-Continued.

a for 11 months only.
b Including $\$ 1,000$ contributed to Jacksonville fund, but not including $\$ 69,493$ expended by State and county for schools.
c Not including amount expended by State and county for schools.
d $\$ 118,96 \pm$ paid out of sinking fund.
$e$ Not including $\$ 118,964$ paid out of sinking fund.
$f$ Included in expenditures for ferries and bridges.
$g$ Including expenditures for doeks and wharves.
h Not including expenditures for street cleaning and street sprinkling, paid for by property owners.
$i$ Data are for 9 months.
$j$ Not including expenditures for street sprinkling, paid for by property owners.
$k$ Included in expenditures for street cleaning.
$\iota$ Including $\$ 44,099$ expended for various purposes in Atlantic City and Brambleton wards, which amount can not be traced to the various items of expenditure.

Table XXII.-EXPENDITURES FOR MAINTENANCE AND OPERATION (2)-Continued.

| Electricplants. | Docks and wharves. | $\begin{aligned} & \text { Ferries } \\ & \text { and } \\ & \text { bridges. } \end{aligned}$ | Markets. | Cemeteries. | Bath houses and bathing pools and beaches. | Other. | Total. | $\begin{aligned} & \text { Mar- } \\ & \text { ginal } \\ & \text { num- } \\ & \text { ber- } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | 85,022 | \$1,500 | \$120,934 | \$828,814 |  |
|  | ${ }^{\text {\$1, } 526}$ | 4,885 | 81,165 | 12, ${ }_{12} \mathbf{4 9 1}$ |  | (61,142 | -5988 <br> 631,242 <br> 684 | 64 65 |
|  |  | a 112,236 |  |  | a1,085 | ${ }^{\text {a } 1522,268}$ | 649,502 | ${ }_{66}^{65}$ |
|  |  | 7,709 |  |  |  | 150, 859 | 6 694,825 | ${ }^{67}$ |
|  | 542 |  | ${ }_{5} 5,150$ | 5,498 |  | 69,741 | ${ }_{-616,857}$ | ${ }_{69}^{68}$ |
|  |  |  |  | 8,983 |  | ${ }_{88,12}$ | 789,942 | 70 |
|  | (f) ${ }^{\text {a }}$, | -93,2i\% | 756 |  |  | 123, ${ }^{728}$ | $\begin{array}{r}\text { e } \\ 1,0717,563 \\ \hline\end{array}$ | 71 |
|  | 725 | 551 |  |  |  | ${ }_{54}^{4,724}$ | 442,985 | ${ }^{73}$ |
|  |  |  |  | 2,03i |  | - 40,345 | h872,229 |  |
|  |  | 8,085 |  | ${ }^{316}$ |  | 91, 976 49 49 406 | 505,29 4485 4 | 76 77 |
|  |  | 9,215 |  | 24,356 | ${ }_{2} 181$ | - 159,4864 | ${ }^{\mathbf{4} 694,289}$ |  |
|  | 673 | 1,902 3,370 | 471 | 8,446 | 2,365 |  | ${ }_{84329}^{822}$ | 79 80 80 |
|  |  |  |  |  |  | ${ }_{5}^{5,632}$ | j433,469 | 81 |
|  |  | 1,585 | 300 |  | 559 | 195,195 <br> 36,96 <br> 186 | ${ }_{368,835}^{791,961}$ | 82 |
|  |  |  |  |  |  | 44,764 | ${ }_{415,932}$ | 84 |
|  |  | 211 | -117 |  |  | 133,499 | 686, 322 470,810 | ${ }_{86} 8$ |
|  |  | i,814 |  |  |  | 53,123 | 375, 627 | 87 |
|  | 494 | 5,8ii |  | 4,694 |  | 49,469 42,841 | ${ }_{419}^{466,838}$ | ${ }_{89}^{88}$ |
|  |  | 1,096 |  |  |  | 21,215 | ${ }^{5} 249,363$ | 9 |
|  |  |  |  | 2,870 |  | 81,718 | 635,042 | ${ }_{92}$ |
|  | (f) | g2,068 |  | 7,675 |  | 99, ${ }^{705}$ | - 04313,617 | ${ }_{94}^{93}$ |
|  |  |  |  | 6,975 |  | 76,171 | 664,189 |  |
|  | 1..... |  | ${ }^{2,116}$ |  |  | 43,192 | - 2788,783 | ${ }_{97}^{98}$ |
|  | 1,200 | 156 | 3,799 | ${ }^{3,946}$ |  | 33, 332 | p232,510 | 9 |
| 9,866 |  | 1,168 |  | 1,083 |  |  | ${ }^{\text {j }} 1988,953$ | 99 100 |
|  |  | 5,746 | $\xrightarrow{2} \mathbf{2} 810$ | 1,859 |  | 37,625 <br> 45,607 | - 4076 | 101 |
| 69,251 | 2,452 |  |  |  |  | 58,101 65.445 |  | 103 104 |
|  |  | 3,892 |  | 412 | , | 67,084 |  | 104 |
|  | 180 |  |  | 5,044. |  | 90,358 <br> 50,530 | ${ }_{3411} 40,215$ | 106 |
|  |  |  | 133 | 979 |  | 37,367 | 276, 387 | 108 |
|  |  | 1,644 |  | ${ }_{6,542}^{1,695}$ |  | 31,718 <br> 90,367 | - $\begin{array}{r}\text { 3 } 306,262 \\ 565,354\end{array}$ | 109 110 |
|  |  |  | 200 | 8,433 |  | 24, 205 | ${ }_{471}^{223,237}$ | 111 |
|  |  | 5,877 |  | 8,438 |  | 15, ${ }^{197}$ | 233, 105 | ${ }^{112}$ |
|  |  | 4,852 |  |  |  |  | 342, 644 | ${ }_{114}^{115}$ |
|  |  |  |  | 10,805 |  | 43,141 | 3475,040 659 | 116 117 |

$m$ Included in other street expenditures.
$n$ Not including $\$ 2,287$ value of work performed by citizens in street cleaning, street sprinkling, and other street expenditures, in lieu of poll tax in cash.
o Not including $\$ 94,060$ expended by State and county for schools.
$p$ Not including $\$ 45,876$ expended by State and county for schools.
$q$ Not including $\$ 24,431$ expended by State and county for schools, and expenditures for street sprinkling, paid for by property owners.
$r$ Expenditures for removal of ashes included in other street expenditures.
$s$ Included in expenditures for health department.
$t$ Not including $\$ 23,873$ paid out of sinking fund.
$u$ Not including $\$ 23,873$ paid out of sinking fund, and expenditures for street sprinkling, paid for by property owners.
$v$ Including expenditures for parks.
9398-No. 42-02-10

Table XXII.-EXPENDITURES FOR MAINTENANCE AND OPERATION (1)-Concluded.

| Mar- <br> ginal <br> num <br> ber. | Cities. | Police department. | Police courts,jails, workhouses, re-formatories, etc. | Firedepartment. | Health department. | Hospitals, asylums, almshouses, and other charities. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 118 | Chester, Pa | \$25,000 |  | \$15,699 | \$4,500 |  |
| 119 | York, Pa | 20,851 |  | 14,037 | 2,948 | \$300 |
| 120 | Malden, Mass. | 34,027 |  | 34, 391 | 6,842 | 39,964 |
| 121 | Topeka, Kans. | 25,269 | \$2,177 | 28,308 | 9,556 | 1,715 |
| 122 | Newton, Mass. | 70,520 |  | 56, 222 | 18,617 | 44,274 |
| 123 | Elioux City, Iown | 22,873 | 1,546 | 29,631 | e5,299 | (f) |
| 124 | Bayonne, $\mathrm{N} . \mathrm{J}$. | 41,548 | 801 | 13,893 | 6,521 | 3,361 |
| 125 | Knoxville, Tenn. | h22,332 | (i) | 22,636 | 1,773 | 9,130 |
| 126 | Schenectady, N. Y | 19,967 | 1,050 | 20,086 | 15,156 | 7,088 |
| 127 | Fitehburg, Mass . | 33,984 | 1,0... | 30, 247 | 4,467 | 45,075 |
| 128 | Superior, Wis . | 25,919 | 2,303 | 37, 575 | 8,904 | 13,722 |
| 129 | Rockford, 111 | 15,836 | 1,546 | 27,669 | 1,816 | 1,096 |
| 130 | Taunton, Mass | 40,040 | 1,029 | 27, 385 | 4,050 | 33,159 |
| 131 | Canton, Ohio | 23,957 | 2,864 | 36,534 | 4,140 | 3,276 |
| 132 | Butte, Mont | 60,304 | 7,692 | 38,940 | 12,511 |  |
| 133 | Montgomery, Ala | h39,616 | (i) | 27, 130 | 9,542 | 1,599 |
| 134 | Auburn, N. Y ...... | 20,000 | (i, 500 | 20,516 | 3,065 | 16,438 |
| 135 | Chattanoogr, Tenn | $h 32,610$ | (i) 518 | 35,120 | q14,261 | $r 7,700$ |
| 136 | East St. Louis, Ill | 32, 764 | (i) 518 | 27, 277 | e4,982 | (f) |
| 137 | Joliet, Ill . . . . . | h28,516 | (i) | 29,097 | 4,471 | 2,000 |

a Including expenditures for libraries, art galleries, museums, etc.
$b$ Included in expenditures for schools.
c Included in other street expenditures.
dincluding expenditures for street cleaning.
e Including expenditures for hospitals, asylums, almshouses, and other charities.
$f$ Included in expenditures for health department.
$g$ Paid for by property owners.
$h$ Including expenditures for police courts, jails, workhouses, reformatories, etc.
$i$ Included in expenditures for police department
$j$ Including expenditures for sewers, street cleaning, street sprinkling, and garbage removal, and expenditures for construction and other capital outlay for sewers.

Table XXII--EXPENDITURES FOR MAINTENANCE AND operation (1)-Concluded.

| Schools. | Libraries, art galleries, museums, etc. | Parks. | Sewers. | Municipal lighting. | Street cleaning. | Street sprinkling. | Other street expenditures. | $\begin{gathered} \text { Mar- } \\ \text { ginal } \\ \text { num- } \\ \text { ber. } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| \$93,196 |  | \$2,500 | \$2,000 | \$22,500 | \$1,000 |  | \$12,153 | 118 |
|  |  |  |  | 23, 367 |  |  | 15,901 | 119 |
| 160,233 | \$9,900 | 1,390 | 727 | 30,067 | (c) | \$9,596 | d62,551 | 120 |
| 102,479 | 6,085 | 5,491 | 1,372 |  | 7,843 | 210 | 24,753 | 121 |
| 197,442 | 15,863 | 4,047 | 4,245 | 57,769 | 23, 054 | 14,646 | 129,959 | 122 |
| 123, 345 | 2,584 | 1,249 | 7,397 | 17,454 | 6,682 | (o) | 35,540 | 123 |
| 138,535 | 4,295 |  | 2,500 | 31,560 | 6,700 | 1,840 | 5,647 | 124 |
| 51, 293 |  |  | (c) | 24,669 | (c) | (c) | 317,332 | 125 |
| 54,617 |  | 395 | 2,960 | 23,233 | 4, 860 | 1,000 | 14,040 | 126 |
| 108,551 | 6,790 | 2,622 | 4,958 | 30, 839 | 4,782 | 4,229 | 41,636 | 127 |
| 119,514 | 4,276 |  | 1,788 | 12,075 | k 18,637 | (l) |  | 128 |
| 100,306 | ${ }_{6}^{6,112}$ | ${ }^{681}$ | 3,473 | 20,078 | 9,077 |  | 17,331 | 129 |
| 115, 683 | 5,779 | 1,100 | 3,461 | 8,066 | 8,500 | (g) | 32,668 | 130 |
| 110,293 | 2,391 12,147 | 2,391 | 6,956 | 25, 762 |  |  | n2, 184 | 131 |
| $\begin{array}{r}0178,046 \\ 35 \\ \hline 506\end{array}$ | 12,147 |  | 294 | 22,924 19,177 | 10,700 $k 20,093$ | ${ }^{11} l^{854}$ | ( ${ }_{(l)} \mathbf{3}, 805$ | 132 |
| 80, 309 | 2,000 |  | (c) | 19,17 30,000 | cran 7,540 |  | p18,964 | 134 |
| 47,254 | 550 | 4,207 | 430 | ${ }_{36,382}$ | 4,956 | (a) 251 | 19,795 | 135 |
| 80, 223 | 5,837 |  | 2,583 | 16,108 | c 39,507 | ( 1 ) |  | 136 |
| 65,705 | 3,794 | 5,348 | 1,412 | 16,335 | 6,805 |  | 27,948 | 137 |

$k$ Including expenditures for street sprinkling and other street expenditures.
$\boldsymbol{l}$ Included in expenditures for street cleaning.
$m$ Expenditures for flushing streets included in other street expenditures.
$n$ Including expenditures for flushing streets.
o Including expenditures for school district extending beyond city limits.
$p$ Including expenditures for sewers.
$q$ Including expenditures for general medical aid.
$r$ Expenditures for general medical aid included in expenditures for health department.
3 For 4 months only.

Table XXII.-EXPENDITURES FOR MAINTENANCE AND OPERATION (2)-Coneluded.

| Marginal number. | Cities. | Garbage removal. | Interest on debt. | Waterworks. | Gas works. |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 118 | Chester, Pa | \$2,000 | (1918, 616 |  |  |
| 119 | York, Pa.. | 14,852 | 19,868 |  |  |
| 120 | Malden, Mass. | 10, 400 | 49,083 | \$35,291 |  |
| 121 | Topeka, Kans. | 600 | 51,770 |  |  |
| 122 | Newton, Mass. | 10,550 | 264,726 | 17,955 |  |
| 123 | Sioux City, Iowa | 8,262 | c24, 411 | 23,729 |  |
| 124 | Hayonne, ${ }^{\text {d }}$, J... | 6,423 | 98, 4313 | 11,522 |  |
| 125 | Knoxville, Tenn. | (e) | 73, 508 |  |  |
| 126 | Sehenectudy, N. Y |  | 33, 721 | 34, 275 |  |
| 127 | Fitchburg, Mass . | 2,719 | 80,535 | 30, 236 |  |
| 128 | Superior, Wis .. |  | 91, 783 |  |  |
| 129 | Rockford, Ill . | 1,745 | 23, 183 | 27,783 | ............ |
| 130 | Trunton, Mass | 1,040 | 80,806 | 23, 641 |  |
| 131 | Canton, Ohio |  | 41,112 | 34, 721 |  |
| 132 | Butte, Mont . | 2,696 | j34,171 |  |  |
| 133 | Montgomery, Ala | 5,694 | 106,730 | 53, 133 |  |
| 134 | Auburn, N. Y ....... | 3,850 | 21,824 | 19,547 |  |
| 137 | Chattanooga, Tenn | 6,567 | 48,453 |  |  |
| 136 | Fast St. Jouis, Ill |  | 42,500 |  |  |
| 137 | Joliet, Ill . . . . . . . | 3,080 | 8,097 | 14,828 |  |

a Not including $\$ 13,645$ paid out of sinking fund.
b Not including $\$ 13,645$ paid out of sinking fund, but including $\$ 5,597$ paid out of sinking fund, which can not be traced to the various items of expenditure.
c Not including $\mathbf{8 7 9 , 6 9 4}$ paid out of sinking fund.
d Not including $\$ 79,694$ paid out of sinking fund, and expenditures for street sprinkling, paid for by property owners.
e Included in other street expenditures.

TABLE XXII.-EXPENDITURES FOR MAINTENANCE AND OPERATION (2)-Concluded.

\begin{tabular}{|c|c|c|c|c|c|c|c|c|}
\hline Electriclight plants. \& Docks and wharves. \& $$
\begin{aligned}
& \text { Ferries } \\
& \text { and } \\
& \text { brídges. }
\end{aligned}
$$ \& Markets. \& Cemeteries. \& Bath houses and bathing pools and beaches. \& Other. \& Total. \& $$
\begin{aligned}
& \text { Mar- } \\
& \text { ginal } \\
& \text { num- } \\
& \text { ber. }
\end{aligned}
$$ <br>
\hline \& \& \& \& \& \& \$39,680 \& $b \$ 238,844$ \& 118 <br>
\hline \& \& \& \$150 \& \& \& 14,903 \& 204, 653 \& 119 <br>
\hline \& \& \& \& \$8,482 \& \& 77,218 \& 570,162 \& 120 <br>
\hline \$13,169 \& \& \$375 \& \& \& \& 42,320
112,579 \& 323,487 \& 121 <br>
\hline \& \& 10,524 \& \& 259
412 \& * 452 \& 112,579
39,926 \& $1,043,179$
d360,864 \& 122 <br>
\hline \& \$200 \& 10,324 \& \& \& \& 115,179 \& a
488,

455 \& 124 <br>
\hline \& \& \& (f) \& \& \& g34, 648 \& h 257,821 \& 125 <br>
\hline \& \& 1,050 \& \& \& \& 31,953 \& 265, 451 \& 126 <br>
\hline \& \& 7,742 \& \& 5,939 \& \& 40,256 \& 485, 557 \& 127 <br>
\hline \& \& 2,486 \& \& \& \& 69,752 \& 408,734 \& 128 <br>
\hline \& \& 1,083 \& \& \& \& 19,343 \& , 278,158 \& 129 <br>
\hline 29,247 \& \& \& \& 2, 163 \& \& 44,539
34,111 \& i 462,356 \& 130 <br>
\hline \& \& \& 22 \& \& \& 34, 111 \& -330, 714 \& 131 <br>
\hline \& \& \& 1,453 \& 3,155 \& \& 23,094 \& k 345,922 \& 132 <br>
\hline \& \& \& \& 669 \& \& 40,659 \& i 286,881 \& $13!$ <br>
\hline \& \& 1,809 \& \& \& \& 34,333 \& 264,728 \& 135 <br>
\hline \& \& \& \& \& \& 58,544 \& 312,843 \& 136 <br>
\hline \& \& \& \& \& \& 20,414 \& 237,850 \& 137 <br>
\hline
\end{tabular}

$f$ Included in other expenditures.
$g$ Including expenditures for markets.
a Including expenditures for construction and other capital outlay for sewers.
$i$ Not including expenditures for street sprinkling, paid for by property owners.
$j$ Including expenditures for school district extending beyond city limits.
$k$ Including unpaid warrants which can not be traced to the various items of expenditure.

TABLE XXIII.-SUMMARY OF RECEIPTS AND EXPENDITURES.

| $\begin{aligned} & \text { Mar- } \\ & \text { ginal } \\ & \text { num- } \\ & \text { ber. } \end{aligned}$ | Cities. | Receipts. |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Actual income for the fiscal year. fiscal year | Cash on hand at beginning of fiscal year. | Loans. | Total. |
| 10111112131415161617181920 | New York, | a $8118,740,596$ | b\$11,416,077 | \$119,027,413 | 249, 184,086 |
|  | Chicapo, |  | +6,288,625 | $6,245,336$ 10,225000 | - 43,315 |
|  | St. Louis, Mo. | 12,405, 372 | 4, 338,38 |  | 17,043, 767 |
|  | Boston, Mass | ${ }^{h 33,357,996}$ | i3,245, 381 | 12, ${ }_{2171} 21,2000$ | ${ }^{j 49,074,577}$ |
|  | Cleveland, Oh | ${ }_{r} 7$ 7,063, 609 | $4,666,989$ | 2,074, 362 | r13, 809,910 |
|  | Buffalo, N.Y | - $56,9939,994$ | 789, 78 | 1,828,795 | ${ }^{59,592,036}$ |
|  | Cincinnati, ohio | 8,491,699 | 1,387,915 | 1,475,998 | ${ }^{\text {v } 11,355,612}$ |
|  | Pitsburg, Pa | 9,009, 231 | 17,449, 751 |  | $v 16,780,214$ |
|  | New Orleans, | $z 4,533,492$ |  | 3,614,641 | z9,544,183 |
|  | Detrot, Mich | $\xrightarrow{a \sim 5,455,950} 4$ | ${ }^{\text {b } ~} 1,87671,3658$ | ${ }_{934,926}^{285}$ | ${ }^{\text {co }} \mathbf{5} \mathbf{7 , 6 5 1 7 , 5 7 4}$ |
|  | Washington, D.C | ee 8, 8 , 686,612 | ff $1,662,426$ | 220, 183 | g0 10, 569,221 |
|  | Newark, ${ }_{\text {dersey }}$ J. ${ }^{\text {J }}$. |  | -176,415 | 6,077, ${ }^{\text {, }}$, 832 | ${ }^{m 12} 12,44$ |
|  | Joursville, Ky | ${ }^{3 p} 4,4,424,550$ |  | 1,825, 000 |  |
|  | Minneapois, Min | ${ }^{\text {m }}$ 3, 6990,007 | 600 , | 290,000 | uu4, $4,580,645$ |
|  | Providence, R. I | ${ }^{4}, 320,408$ | 191,603 | 1,048,461 | ${ }_{5}^{5,560,472}$ |
|  | Kansas City, Mo | 4, 4242,207 | ${ }_{\text {ax }}^{883} \mathbf{8 , 1 9 0}$ | 164,081 | w 5 5,789,478 |
|  | St. Panl, Minn | -cce ${ }^{2}, 88782,178$ | dad $1,40498.524$ | 1, ${ }^{2}, 56$ 6,, 5000 | $\xrightarrow{4,603,532}$ |
|  | Denver, | - $2,660,851$ | pog 368,046 | , 75,954 | vog 3, 104, 851 |
|  | Toledo, |  | 年 407,404 | (1,495,663 |  |
|  | Columbus, Ohio | -2,177,379 | 51,846 | 1,624,816 | 2,854,041 |
|  | Worcester, Mas | 3, ${ }_{3}^{3,0681,686}$ | 29\% ${ }^{2952,685}$ | 1, $1,191,937$ | 4, ${ }^{4,771,465}$ |
|  | New Haven, C | 1,739, 843 | 304, 362 | 1,255, 000 | num 3 , 299, 205 |
|  | Paterson, N. ${ }^{\text {Pall }}$ | 1, 1,8072,147 |  | 2,039,000 | 3,720,454 |
|  | St. Joseph, Mo | памаи 1, 407, 641 | 255, 012 | 149, 416 | asaa 1,81 |
|  | Omaha, Nebr | есес 1,790, 236\| | 453,038 | 395,802 | cece $2,639,0$ |

a Including $\$ 1,285,821$ received from State for schools.
6 Including $\$ 4,863,459$ cash in sinking fund.
cIncluding $\$ 1,285,821$ received from State for schools and $\$ 4,803,459$ cash in sinking fund.
$d$ Including $\$ 6,959,037$ State tax.
Including $\$ 3,941,440$ cash in sinking fund.
$f$ Including $\$ 888,813$ received from state for schools.
$g$ Not including $\$ 3,387,600$ paid out of sinking fund.
${ }^{h}$ Including $\$ 233,814$ received from county.
including cash in county treasury.
$j$ Including $\$ 233,814$ received from county and cach in county treasury.
$k$ Including $\$ 632,240$ State tax and $\$ 238,565$ expenditures for county.
$\boldsymbol{I}$ Including $\$ 17,000$ paid for county, but not including $\$ 7,628,357$ loans repaid out of sinking fund.
$m$ Including $\$ 632,240$ State tax and $\$ 255,565$ expenditures for county, but not including $\$ 7,628,357$
loans repaid out of sinking fund.
$n$ Including $\$ 1,214,711$ expended by county.
o Including $\$ 832,240$ State tax and $\$ 1,453,276$ expended by county.
pIncluding $\$ 632,240$ State tax and $\$ 1,470,276$ expended by county, but not including $\$ 7,628,357$ loans repaid out of sinking fund.
$q$ Including $\$ 303,335$ received from State for schools.
$r$ Including $\$ 154,357$ received from State for schools.
8 Including $\$ 162,978$ received from State for schools.
$t$ Including 8816,715 collected for State purposes.
$u$ Including $\$ 167,669$ cash in sinking fund and $\$ 6,625$ cash in State fund.
$v$ Including $\$ 167,669$ eash in sinking fund and $\$ 323,340$ State funds.
$w$ Including $\$ 2,337,988$ state tax.
$x$ Including $\$ 193,118$ cash in sinking fund and $\$ 23,223$ cash in State fund.
$u$ Including cash in sinking fund.
$z$ Including tax for school district extending beyond city limits.
wa Inchiding $\$ 163,847$ received from State for schools.
bb Including $\$ 822,787$ cash in sinking fund.
ec Including $\$ 163,847$ received from state for schools, and $\$ 822,787$ cash in sinking fund.
did Including $\$ 648,976$ cash in sinking jurd.
ee Including $\$ 4,427,068$ appropriated from funds of U. S. Treasury, as explained on pages 903 and 904.
ff Including 8348,756 trust funds.
go Including $\$ 348,756$ trust funds and $\$ 4,427,068$ appropriated from funds of United States Treasury.
hh Including expenditures by United States Government for waterworks.
${ }^{i}$ is 22,950 paid out of sinking fund.
j3Including expenditures by United States Government for waterworks, but not including $\$ 22,950$ paid out of sinking fund.
${ }^{k l k}$ Including expenditures by U. S. Government for waterworks, but not including expenditures by U. S. Government for lighting of public parks and spaces, and $\$ 574,235$ paid out of sinking fund.
$1 l$ Including expenditures by U. S. Government for waterworks, but not including expenditures by U. S. Government for lighting of public parks and spaces, and $\$ 597,185$ paid out of sinking fund. mm Including $\$ 415,138$ trust funds.

Table XXIII.-SUMMARY OF RECEIPTS AND EXPENDITURES.

| Expenditures. |  |  |  |  |  | Cash onhandatend of fiscal yea | $\begin{aligned} & \text { Mar- } \\ & \text { ginal } \\ & \text { num- } \\ & \text { ber. } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| For construction and other capital outlay. |  |  | For mainte-nance andoperation. | Total excluding loansrepaid. | Total including loansrepaid. |  |  |
| Other than loans repaid loans repaid. | $\begin{aligned} & \text { Loans } \\ & \text { epaid. } \end{aligned}$ | Total. |  |  |  |  |  |
| ${ }^{1} \$ 585,451,000$ | 772 |  | \$102,946, |  |  |  |  |
| 88,088 | 8,772, | 821,645 | ${ }^{22,260}$ | 27, |  |  |  |
| ${ }_{2}, 663$, |  | 2,663,087 | 8 8,715,' | 11, 778 , | 11, 378 | $5_{5,664}$ |  |
| 17,255, | ${ }^{i 6,517,000}$ | 23,772, 621 | 71,898, 291 | o $39,153,812$ | -45,670, 812 | i3, 708,785 |  |
| 1,809, 748 | 49, 20 | 1, $1,858,948$ | 7,613,756 | 9,423, 504 | 9,472, 704 | 755,236 |  |
|  | -814,197 | 2, ${ }_{2}^{4,684,352}$ | ${ }_{5}^{4,865,}$ |  | 8, 9,549, | ${ }^{4} 1,1752,398$ |  |
| 2,68 |  | ${ }^{v 2} 2,687,144$ | 5,891, | $w 8,578,441$ | $w 8,578,441$ | ${ }^{1} 1,819$ | ${ }^{9}$ |
| ${ }_{4}^{2,217,2601}$ | 1, 012 | 5 | ${ }_{5}^{6}$,406, | $\stackrel{ }{9,223,707}$ | 10, ${ }^{476,645}$ |  | 80 |
| 4,963,20 | 1,941,847 | $\stackrel{5}{2,905,102}$ | ${ }_{4} \mathbf{4}, 297$, | ${ }_{6,261,063}$ | 7,202,910 | 2,341, | 12 |
| 1,521, ${ }^{\text {an9 }}$, 17 |  | 1,7992, 774 | 4,055,966 | 5,577,796 | 5,848 | 2d 1,769, 234 | 13 |
|  | (iii) ${ }^{\text {57, }}$ |  |  | ${ }_{k c c}{ }_{6}^{4,6666,097}$ | ${ }^{2} 99,666,1977$ |  | 14 |
| ${ }^{003,670,6}$ | 4,729, 000 | oos, 399 , 678 | 3,822,511 | 007, 483,189 | ${ }_{0} 012,212,189$ |  | ${ }^{6}$ |
| $1,274,8$ | 1,472, | ${ }^{38} \mathbf{1}, 7850,702$ | 3,598, | - ${ }^{384,876,290} 8$ | \%, ${ }^{6} 429,166$ |  | 17 |
| 744,9 ${ }^{7}$ | ve 3877 , | vvi $1,2936,366$ | 2, $2,974,208$ | $\xrightarrow{3,519,956}{ }_{3}^{3,850,088}$ | vve ${ }^{4,2427,554}$ | ${ }^{2} 18383,368$ | ${ }_{19}^{18}$ |
| 200, 279,4 | 639, 305 | v70 1, $1,918,797$ | 3,465, 201 | vww 4,744, 693 | vu1 5, 388,998 | 176, 474 | 20 |
| ${ }_{90}^{50}$ | 844, | 1, $1,1656,889$ | , $1,706,731,935$ | ${ }_{3}^{2,26759,531}$ | 3,052, 115 | ${ }^{269,780,}$ | 21 |
|  | 1,060 | 1,891 | bbl 2,368 | blb 3,200 , | 6 4, 260,975 |  | 23 |
| ${ }_{504}^{657}$ | 3, 46 |  | ${ }_{1}^{3}$ |  | ${ }_{2}^{7,857,672}$ | ${ }^{\text {fft }}$ 688, 247,179 , | ${ }_{25}^{24}$ |
| 1,269,9 | 145,912 | 1,415, 880 | 1,574, | , | 2,990, 195 |  | 26 |
| 754,85 | kkk 541 | $k$ kck 1,29 | 2121,44 | 112 | mmm2, 74 |  | ${ }_{28}^{27}$ |
| 1,342,220 |  | ppp $2,302,221$ |  | mim | ppp 4, 666, 479 |  | ${ }^{29}$ |
| 581 |  | ${ }^{2} 3$ |  | ${ }_{\text {rve }}^{\text {rir }}$ 2, 2385, | ${ }_{v v e}$ |  | ${ }^{30}$ |
| vurve 718,070 |  | 这, |  | vevru1,9419 | mrow 3,635, 824 |  | 32 |
|  | мnv54,900 |  |  |  |  |  | ${ }_{34}$ |
| 256, 21 | 7, 8 | 694,096 | 1,444, | 1,700, | 2,138, | 500, | ${ }_{35}$ |

$m$ Including $\$ 164,494$ received from State for schools.
oo Including \$792,567 State and county tax.
$p p$ Including $\$ 241,626$ received from State for schools, and $\$ 16,671$ received from county for elections.
qq Including $\$ 72,306$ cash in sinking fund.
rr Including $\$ 241,626$ received from State for schools, $\$ 16,671$ received from county for elections,
and $\$ 72,306$ cash in sinking fund.
88 Including $\$ 744,248$ state and county tax
tt Including \$172,252 cash in sinking fun"
$u u$ Including $\$ 116,922$ received from State for schools.
$v v$ Not including $\$ 125,000$ paid out of sinking fund.
ww Including \$811, 442 State tax.
$x x$ Including $\$ 143,301$ cash in sinking fund.
yy Including $\$ 917,694$ special tax-property sales, and $\$ 143,301$ cash in sinking fund.
$z z$ Including $\$ 894,966$ special tax-property sales refunded.
a a Including $\$ 109,291$ cash in sinking fund.
bbb Not including 874,206 paid out of sinking fund.
ccc Including $\$ 82,108$ received from State for schools.
add Including $\$ 637,200$ cash in sinking fund.
eee Including $\$ 82,108$ received from State for schools, and $\mathbf{8 6 3 7}, \mathbf{2 0 0}$ cash in sinking fund.
$f f f$ Including $\$ 445,831$ cash in sinking fund.
gog Including $\$ 191,899$ cash in sinking fund.
hhh Including $\$ 153,890$ cash in sinking fund.
iii Including $\$ 51,934$ received from State for schools.
$j j j$ Including $\$ 88,687$ received from State for schools.
kekc Not including $\$ 338,500$ paid out of sinking fund.
$12 l$ Not including $\$ 342,547$ paid out of sinking fund.
mmm Not including $\$ 681,047$ paid out of sinking fund.
$n m$ Including $\$ 124,597$ county tax.
000 Not including $\$ 130,000$ paid out of sinking fund.
mpp Including $\$ 124,597$ county tax but not including $\$ 130,000$ paid out of sinking fund.
qQ Including $\$ 23,326$ cash in sinking fund.
rrr Including $\$ 289,417$ State and county tax.
sss Not including $\$ 26,000$ paid out of sinking fund.
tit Including $\$ 289,417$ State and county tax, but not including $\$ 26,000$ paid out of sinking fund.
unu Including $\$ 59,758$ received from State for schools.
vw Including 839,702 State and county tax.
wown Including $\$ 396,845$ State and county tax.
$x \times x$ Including $\$ 164,769$ State and county tax.
wy Not including $\$ 40,000$ paid out of sinking fund.
$z z z$ Including $\$ 164,769$ State and county tax, but not including $\$ 40,000$ paid out of sinking fund.
aaaa Including $\$ 198,506$ received from State for trhools.
bbbb Including $\$ 329,933$ county tax.
cecc Including $\$ 42$, 115 received from state for sch sols.

Table XXIIL-SUMMARY OF RECEIPTS AND EXPENDITURES-Continued.

| Mar- <br> ginal <br> num- <br> ber. | Cities. | Receipts. |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Actual income for the fiscal year. | Cash on hand at beginning of fiscal year. | Loans. | Total. |
| 36 | Los Angeles, Cal | $a \$ 803,86]$ | b\$592, 698 |  | c \$2, 396,559 |
| 37 | Memphis, Tenn | 1,243, 290 | 189, 717 | \$250,000 | 1,688, 007 |
| 38 | Scranton, Pa .. | d985,592 | 4379,934 | 152, 511 | 11,518,037 |
| 39 | Lowell, Mass | ce 2,032,933 | l98,376 | 1,181, 100 | m 3, 312, 409 |
| 40 | Albany, N. Y | p2,072, 202 | 297, 537 | 498,325 | $p 2,868,064$ |
| 41 | Cambridge, Mas | 2,521,937 | 255, 699 | 1,183,000 | 3,960,636 |
| 42 | Portland, Oreg | $t 1,437,735$ | b 392,380 | 42,000 | u1,872, 115 |
| 43 | Atlanta, Ga | w1, 434, 035 | 209, 885 | 625, 012 | 202, 268, 982 |
| 44 | Grand Rapids, Mich | $\boldsymbol{y} 1,403,947$ | b 459, 961 | 153, 933 | $z 2,017,841$ |
| 45 | Dayton, Ohio.. | 1,517,056 | b 805, 929 | 304, 375 | b 2, 627,360 |
| 46 | Richmond, Va | 1,602,097 | 120,448 |  | 1,722, 545 |
| 47 | Nashville, Tenn | ce 940,367) | 118,721 | 255, 000 | cc 1, 314,088 |
| 48 | Seattle, Wash | ee $1,786,169$ | 371,549 | 223,000 | ee $2,380,718$ |
| 49 | Hartford, Conn | ff $1,846,831$ | 09215,238 | 334, 673 | hh 2, 396,742 |
| 50 | Reading, Pa. | kk 889, 445 | 246, 402 | 150,163 | kek 1, 286,010 |
| 51 | Wilmington, l | oo 812, 864 | 46, 189 | 355, 854 | $001,214,907$ |
| 62 | Camden, N. J. | $\underline{q} 1,092,003$ | 157, 207 | 222,576 | qQ 1, 471, 786 |
| 53 | Trenton, N. J. | unt 1, 401, 067 | 138,330 | 357,250 | ขи 1, 896,647 |
| 54 | Bridgeport, Conn | yw1,030,586 | 128,456 | 422,015 | zy 1, 581,057 |
| 65 | Lynn, Mass.. | атat 1,515, 199 | 63, 896 | 607,792 | a<a 2,186, 887 |
| 56 | Oakland, Cal. | ece 916,689 | 65,502 |  | cce 982, 191 |
| 57 | Lawrence, Mass. | 1,050, 004 | 50,910 | 607,000 | 1,707,914 |
| 58 | New Bedford, Mass | 1,398, 568 | 50,911 | 1,238,000 | 2, 687, 479 |
| 69 | Des Moines, Iowa | hhk 973, 155 | 224,877 | 81,500 | Wh 1, 279, 532 |
| 60 | Springfield, Mass. | 1,693,598 | 326,664 | 663,929 | 2,684, 186 |
| 61 | Somerville, Mass | 1,269,687 | 103,859 | 896, 000 | 2,269, 546 |
| 62 | Troy, N. Y .... | 1,151,650 | 55, 614 | 626, 694 | 1,838,958 |
| 63 | Hoboken, N. J. | mmm1,087,493 | 55, 207 | 204,409 | mmm1,347,109 |
| 64 | Evansville, Ind ... | 898,986 | 95,701 | 9,555 | 1,004,242 |
| 65 | Manchester, N. H | 975, 767 | 145,516 | 240,709 | 1,361,992 |
| 66 | Utica, N. Y | q9\% 879,939 | 46,900 | 539, 682 | $q 9 Q 1,466,521$ |
| 67 | Peoria, Ili . | 851,698 | 68,780 | 75,864 | 996, 342 |
| 68 | Charleston, S. C | 641, 238 | 29, 350 |  | 670, 588 |
| 69 | Savannah, Ga..... | 857,805 | 14,311 |  | 872,116 |
| 70 | Salt Lake City, Utah | 1,055, 446 | 215,952 | 16,216 | 1,287,614 |

a Including $\$ 468,165$ received from State and county for schools.
bIncluding cash in sinking fund.
Including $\$ 468,165$ received from state and county for schools and cash in sinking fund.
d Including $\$ 243,852$ cash in sinking fund.
e $\$ 20,120$ paid out of sinking fund.
$f$ Not including $\$ 20,120$ paid out of sinking fund.
$g$ Including $\$ 69,879$ received from State for schools.
$h$ Including $\$ 239,537$ cash in sinking fund.
including $\$ 69,879$ received from State for schools and $\$ 239,537$ cash in sinking fund.
3 Including $\$ 242,417$ cash in sinking fund.
$k$ Including $\$ 122,451$ received from State.
$\boldsymbol{I}$ Including $\$ 25,346$ cash in sinking fund.
$m$ Including $\$ 122,451$ received from State and $\$ 25,346$ cash in sinking fund.
$n$ Ineluding $\$ 78,882$ county tax.
o Including $\$ 45,047$ cash in sinking fund.
$p$ Including $\$ 65,379$ received from State for schools and charitable purposes.
a Including $\$ 242,679$ county tax.
r Not including $\$ 247,850$ paid out of sinking fund.
8 Including $\$ 242,679$ county tax, but not including $\$ 247,850$ paid out of sipking fund.
$t$ Including $\$ 176,298$ received from state and county for schools.
u Including $\$ 176,298$ received from State and county for schools and cash in sinking fund.
$v$ Including 898,854 cash in sinking fund.
${ }^{2}$ Including $\$ 41,530$ received from State for schools.
$x$ Including $\$ 46,056$ cash in sinking fund.
$\boldsymbol{u}$ Including $\$ 79,205$ received from State for schools.
$z$ Including 879,205 received from State for schools and cash in sinking fund.
a Including $\$ 61,780$ cash in sinking fund.
bb Including $\$ 403,008$ cash in sinking fund.
cc Including $\$ 117,897$ received from State and county for schools.
dd Notincluding \$565 paid out of sinking fund.
ee Including \$128,134 received from State for schools.
ff Including $\$ 37,645$ received from State for schools.
$0 g$ Including $\$ 102,003$ cash in sinking fund.
hh Including $\$ 37,645$ received from state for schools and $\$ 102,003$ cash in sinking fund.
if Including $\$ 19,638$ county tax.
$3 j$ Including 8123,593 cash in sinking fund.
kk Including $\$ 65,108$ received from State for schools.

Table XXIII.-SUMMARY OF RECEIPTS AND EXPENDITURES-Continued.

| Expenditures. |  |  |  |  |  | Cash onhand atendof fiscalyear. | $\begin{aligned} & \text { Mar- } \\ & \text { ginal } \\ & \text { num- } \\ & \text { ber. } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| For construction and other capital outlay. |  |  | For maintenance and operation. | Total exclud-ing loansrepaid. | Total including loans repaid. |  |  |
| Other than loans repaid. | Loans repaid. | Total. |  |  |  |  |  |
| \$211,605 | 10, | \$301, 530 | \$1,472,576 | \$1,684,181 | \$1,774,106 | \$622,453 |  |
| 475, 238 | (e) | $f 475,233$ | 915,090 | 1, 390, 323 | f1,390, 323 | 292,684 | 37 |
| - 216,124 | 114, 295 | ${ }^{830} \mathbf{8 1 9} 4$ | 761,734 | n1 977,858 | 1,092, 153 | 3425,884 <br> 166,952 | 8 |
| n 509,336 | 1,228,651 | 71,737,987 | 1,407,470 | n1,916, 806 | $n 3,145,467$ | - 166,952 | 39 <br> 40 |
| 802,005 | 725,000 | $81,527,005$ | 1,157,086 | - $2,959,091$ | $s 2,671,673$ <br> $3,684,091$ | 276,545 |  |
| 392, 183 | 42,000 | 434,183 | ,959, 856 | 1, 352, 039 | 1,394, 039 | $v 478,076$ |  |
| 335, 716 |  | 335, 716 | 1,164,751 | 1,500, 467 | 1,500,467 | $x 768$, 465 | 43 |
| 348, 164 | 159, 000 | 507, 164 | 1,034,506 | 1, 382, 670 | 1,541,670 | aa 476, 171 | 44 |
| 379,369 273,804 | 498,732 | ${ }_{273,101}^{804}$ | 943,194 $1,261,816$ | 1,316,563 | 1, $1,515,295$ | bb 812,065 | 45 46 |
| 170, 310 | d ${ }^{\text {7 } 76,735}$ | dd 247,045 | 1,822, | 992, 992 | da 1, $1,069,727$ | 244, 361 | 7 |
| 775, 232 |  | 775, 232 | 1,120, 302 | 1, 895, 534 | 1, 895, 334 | 485, 184 |  |
| ii 547,0 | 133 | ii 680,319 | 1,457, 939 | ii $2,004,967$ | ii $2,138,258$ | 33258,484 |  |
| $\left.\begin{array}{r} l l ~ \\ 183,901 \\ 390,681 \end{array} \right\rvert\,$ | ${ }_{\text {min }} \mathbf{p} 911,000$ |  | ${ }_{671,113}^{691}$ | li 875,381 | $m, 886,381$ $p p 1,158,453$ | 399,629 | 0 |
| rr 398, 460 | ss 122,450 | $t t 520,910$ | 836,568 | ${ }^{1} 11,235,028$ | tt 1, 357,478 | 114, 308 |  |
| vv 863,199 | vow 25,900 | 2x8889,099 | 799, 650 | vv 1,662, 849 | xx 1,688, 749 | 207,898 |  |
| $z z 507,912$ | 16,000 | $z z 523,912$ | 782, 711 | zz 1, 290,623 | $z z 1,306,623$ | 274, 434 | 54 |
| ${ }^{606} 394,804$ | 525,00 | ${ }^{6 b b} 919,804$ | 1, 21818848 | bbb 1, 618,650 | $b b b 2,138,650$ | 48,237 | 5 |
| dad ${ }^{1357}$, 779 | 43,500 | dad $\begin{array}{r}179,472 \\ \hline 879\end{array}$ | 810, 8181 | ddd 1, 188,150 | ddd 1, $910,68.150$ | 71,538 | 56 57 |
| eee 546,024 | fff1, 056,074 | 900 1,602,098 | 1,017,982 | eee 1,564, 006 | gag 2, 620,080 | 67, 399 | - 58 |
| 170,000 | 54, 3 | 24, | 742, 465 | 912,465 | ${ }^{966,834}$ | 312,698 | -59 |
| 245,495 | 963,0 | kikic 1, $1,208,4$ | 1, 1,036,717 | iii 1, $1,285,7212$ | 2akk $2,345,943$ | -346, 243 |  |
| 323,642 | ${ }^{111} 491,182$ | 111814,824 | 1,015, 681 | 1,339, 323 | $1121,830,505$ | 3,458 | 62 |
| nmm222, 677 | 198,000 | mman 420, 677 | 828, 814 | mm 1, 051, 491 | mm 1, 249, 491 | 97, 618 | 3 |
| ${ }^{000} 331,188$ | 31,708 | .000 362, 896 | 598,742 | ${ }^{000} 929,930$ | ${ }^{0} 00961,638$ | 42,604 | 64 |
| prp 2880,789 | 298,000 537 | ppp 578,789 | ${ }_{6491}^{631284}$ | ppp 912,073 | ppp 1, 210,073 | 151,919 |  |
| 105, 425 | 122, 214 | 227,699 | 694,825 | 8400,250 | 1,922,464 | -73,878 |  |
| 89, 232 . |  | 89,232 | rrr 537, 734 | rer 626,966 | rrr 626,966 | 48,622 | 68 |
| 3ss 2088,241 | 41,700 | sss 249, 941 | ${ }^{3 s 8} 616,857$ | ${ }^{3} 88825,098$ | ${ }_{83} 8866,798$ | 5,318 | 69 |
| 251,959 | 14,000 | 265, 959 | 789, 942 | 1,041, 901 | 1,055, 901 | 231, 713 |  |

${ }^{2}$ Including 87,499 State tax.
$m m$ Not including $\$ 114,500$ paid out of sinking fund.
$m$ Including $\$ 1,499$ State tax, but not including $\$ 114,500$ paid out of sinking fund.
0 Including $\$ 22,516$ received from State for schools.
$p p$ Not including $\$ 29,900$ paid out of sinking fund.
$q q$ Including $\$ 84,348$ received from State for schools.
rr Including $\$ 184,023$ State and county tax.
ss Not including $\$ 11,242$ paid out of sinking fund.
$t t$ Including $\$ 184,023$ State and county tax, but not including $\$ 11,242$ paid out of sinking fund.
uut Including $\$ 95,717$ received from State for schools.
vv Including $\$ 246,911$ State and county tax.
wow Not including $\$ 97,300$ paid out of sinking fund.
$x_{x x}$ Including $\$ 246,911$ State and county tax, but not including $\$ 97,300$ paid out of sinking fund.
wincluding $\$ 39,249$ received from State for schools.
$z z$ Including $\$ 12,312$ county tax.
aaa Including \$24,336 received from State.
bbb Including $\$^{7} 4,005$ State and county tax.
ece Including $\$ 255,713$ received from State and county for schools.
ddd Including \$33,335 county tax.
eee Including $\$ 119,992$ State and county tax.
fff Not including $\$ 19,926$ paid out of sinking fund.
gog Including $\$ 119,992$ State and county tax, but not including $\$ 19,926$ paid out of sinking fund.
hhh Including $\$ 23,069$ received from county for sehools.
ii $i$ Including $\$ 121,354$ State and county tax.
$j j j$ Not including $\$ 45,000$ paid out of sinking fund.
kkdiclincluding $\$ 121,351$ State and county tax, but not including $\$ 15,000$ paid out of sinking fund.
$1 l l$ Not including $\$ 399,724$ paid out of sinking fund.
$m m m$ Including $\$ 98,589$ received from state.
nmn Including $\$ 178,265$ State and county tax.
ooo Including $\$ 180,545$ State and county tax.
pqp Including $\$ 160,325$ State and county tax.
$q q q$ Including $\$ 26,101$ received from State for schools.
$r r r$ Including $\$ 1,000$ contributed to the Jacksonville fand, but not including $\$ 69,493$ expended by State and county for schools.
sss Not including amount expended by State and county for schools.

Table XXIII.-SUMMARY OF RECEIPTS AND EXPENDITURES-Continued.

| $\begin{gathered} \text { Mar- } \\ \text { ginal } \\ \text { num- } \\ \text { ber. } \end{gathered}$ | Cities. | Receipts. |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Actual in. come for the fiscal year. | Cash on hand at beginning of fiscal year. | Loans. | Total. |
| 71 | San Antonio, Tex | a \$618, 660 | \$32,858 | \$399,453 | a \$1,050,971 |
| 72 | Duluth, Minn. | 1,341, 208 | c 391, 190 | 157, 120 | c 1, 889,518 |
| 73 | Erie, Pa.. | e686,972 | 55,193 | 38,415 | e 775,580 |
| 74 | Elizabeth, $\mathrm{N} . \mathrm{J}$ | f 803, 643 | 115,311 | 153,944 | f 1, 072, 898 |
| 75 | Wilkesbarre, Pa | $h$ 437, 834 | i94, 398 | 3,509 | 3535,738 |
| 76 | Kansas City,Kan | m 672,557 | 223,324 | 351,559 | m 1, 247, 440 |
| 77 | Harrisburg, Pa | ${ }^{1598,278}$ | -82,118 | 75,010 | p 755, 406 |
| 78 | Portland, Me. ( $t$ ) | u 1,048,947 | 77,607 | 250,000 | u1, 376, 554 |
| 79 | Yonkers, N . Y | ${ }^{w} 1,231,785$ | 214, 946 | 795, 683 | ${ }^{20} 2,242,414$ |
| 80 | Norfols, Va. | $y 1,005,712$ | 194,217 | 1,065, 087 | $\boldsymbol{y 2}, 265,016$ |
| 81 | Waterbury, Con | $z 647,659$ | 76,899 | 485,000 | z1, 209,549 |
| 82 | Holyoke, Mass | 945,770 | 182,497 | 525, 000 | 1, 653, 267 |
| 83 | Fort Wayne, Ind | 705,005 | an 195, 837 | 54, 458 | aa 955, 300 |
| 84 | Youngstown, Ohio | ce 564, 636 | 280,475 | 313,510 | ce 1, 158, 621 |
| 85 | Houston, Tex. | ee 710, 272 | 193, 749 | 427,000 | ee 1, 331,021 |
| 86 |  |  | 151,714 | 161,840 | 895, 037 |
| 87 | Akron, Ohio. | 79548,781 | 09 162, 595 | 172, 741 | ${ }_{7} 4884,117$ |
| 888 | Dallas, Tex | 3j571,597 | 123, 866 | 11, 489 | 3j 706, 952 |
| 90 | Lancaster, Pa. | mm 397, 148 | 58,062 | 107,046 | mm 455,210 |
| 91 | Lincoln, Nebr | -0 539, 223 | 51, 380 | 60,325 | -0 650, 928 |
| 92 | Brockton, Mass | 891,622 | 34, 743 | 661,353 | 1,587,718 |
| 93 | Binghamton, $\mathrm{N} . \mathrm{Y}^{\text {Y }}$ | 94 550,146 | 179, 006 | 81,355 | q9 811, 107 |
| 94 | Augusta, Ga . . | 482, 860 | 18, 561 | 388, 000 | 889,421 |
| 95 | Pawtucket, R.I. | ${ }^{2} \mathbf{u}$ 854, 8938 | 2, 279 | 319,924 | ut $1,176,996$ |
| 97 | $\xrightarrow{\text { Altoona, Pa. }}$ Wheeling, | 1373,544 682,377 | 57, ${ }^{5630}$ | 7mm 82, 476 | $\begin{array}{r}7431,038 \\ w \\ \hline 710\end{array}$ |
| 98 | Mobile, Ala. | 248, 375 | 3,906 | 126,500 | 378,781 |
| 99 | Birmingham, Ala | 441, 389 | 183,792 | 100,000 | 725, 181 |
| 100 | Little Rock, Ark. | ${ }_{451,445}$ | 19,142 | 24,969 198,040 | 265,297 |
| 102 | Galveston, Tex | cco 736,129 | 428,840 | 13,040 | $\sim c c 1,164,969$ |
| 103 | Tacoma, Wash. | dad 932, 825 | eee 126,723 |  | fff 1,059,548 |
| 104 | Haverhill, Mass | What 817,646 | iii 84,436 | 235,000 | jjj 1,137,082 |

a Including $\$ 51,278$ received from State for schools.
$b$ Not including $\$ 118,964$ paid out of sinking fund.
c Including $\$ 181,776$ cash in sinking fund.
$d$ Including $\$ 138,629$ cash in sinking fund.
$e$ Including $\$ 37,792$ received from state for schools.
$f$ Including $\$ 53,789$ received from State for schools.
$g$ Including $\$ 135,316$ State and county tax.
$h$ Including $\$ 34,488$ received from State for schools.
$i$ Including $\$ 5,832$ cash in sinking fund.
3 Including $\$ 4,488$ received from State for schools and $\mathbf{\$ 5 , 8 3 2}$ cash in sinking fund.
$k$ Not including expenditures for street cleaning and sprinkling, paid for by property owners.
$t$ Including $\$ 3,689$ cash in sinking fund.
$m$ Including $\$ 12,715$ received from State and county for schools.
$n$ Including $\$ 39,081$ received from state for schools.
o Including $\$ 6,555$ cash in sinking fund.
pIncluding $\$ 39,081$ received from state for schools and $\$ 6,555$ cash in sinking fund.
q \$57,700 paid out of sinking fund.
$r$ Not including $\$ 57,700$ paid out of sinking fund.
8 Including $\$ 7,166$ cash in sinking fund.
$t$ Data are for 9 months.
u Including $\$ 39,821$ received from State for schools.
$v$ Including $\$ 116,098$ State and county tax.
$\omega$ Including $\$ 19,291$ received from State for schools.
$\approx$ Including $\$ 207,194$ State and county tax.
$y$ Including amount received from state for schools.
$z$ Including $\$ 27,243$ recelved from State for schools and library.
aa Including cash in sinking fund.
bb Including $\$ 18,738$ cash in sinking fund.
co Including $\$ 18,447$ received from state for schools.
ad Not including $\$ 100,000$ paid out of sinking fund.
ee Including $\$ 78,256$ received from State and county for schools.
ff Including $\$ 16,389$ received from State for schools.
pg Including $\$ 55,670$ cash in sinking fund.
hh Including $\$ 16,389$ received from State for schools and $\$ 55,570$ cash in sinking fund.

Table XXIII.-SUMMARY OF RECEIPTS AND EXPENDITURES-Continued.

\begin{tabular}{|c|c|c|c|c|c|c|c|}
\hline \multicolumn{6}{|c|}{Expenditures.} \& \multirow{3}{*}{$$
\begin{array}{|c|}
\text { Cash on } \\
\text { hand atend } \\
\text { of fiscal } \\
\text { year. }
\end{array}
$$} \& \multirow{3}{*}{$$
\begin{aligned}
& \text { Mar- } \\
& \text { ginal } \\
& \text { num- } \\
& \text { ber- }
\end{aligned}
$$} <br>
\hline \multicolumn{3}{|l|}{For construction and other capital outlay.} \& \multirow[b]{2}{*}{For mainte nance and operation.} \& \multirow[b]{2}{*}{$$
\left.\begin{array}{|c|}
\text { Totalal exclud } \\
\text { ing loans } \\
\text { repaid. }
\end{array} \right\rvert\,
$$} \& \multirow[b]{2}{*}{Total includ
ing loans-
repaid.} \& \& <br>
\hline Other than loans repaid. \& $$
\begin{aligned}
& \text { Loans } \\
& \text { repaid. }
\end{aligned}
$$ \& Total. \& \& \& \& \& <br>
\hline \$291,713 \& ${ }_{129} 8738$ \& \& \& b $\$ 7090986$ \& 4.8783,018 \& 8867, 958 \& <br>
\hline $\begin{array}{r}310,670 \\ \hline 28,436\end{array}$ \& \& ${ }^{4993,928}$ \& , 0442,985 \& 1,377, 6961 \& 1,506,4791 \&  \& 72 <br>
\hline 9404,638 \& 92,444 \& g 9977 , 082 \& 474,510 \& 9879,148 \& ${ }^{9} 971,592$ \& 101, 306 \& 74 <br>
\hline ${ }^{80,524}$ \& ${ }^{2121,963}$ \& ${ }_{459}^{102,487}$ \& ${ }^{6} 572,229$ \&  \& ${ }^{k}{ }^{\boldsymbol{1} 474,716}$ \& ${ }^{161,020}$ \& 76 <br>
\hline 162,747 \& (9) \& $r 162,74$ \& 448, 155 \& 610,902 \& r610,902 \& S144,504 \& 7 <br>
\hline v308,818 \& 250,000 \& $v 558,818$ \& 694,289 \& v1,003, 102 \& v1,253,102 \& 123,452 \& 8 <br>
\hline $$
\begin{gathered}
x 626,215 \\
343,817
\end{gathered}
$$ \& 881, 681 \&  \& ${ }_{843}^{829,}$ \& x $1,455,637$
$\mathbf{1}, 187,279$ \& $x$

12,136,637
$2,018,400$ \& ${ }_{246,776}^{106}$ \& 9 <br>
\hline 5 \& 77,50 \& , 6055 \& 423,469 \& , ${ }^{551,433}$ \& 1, 228 ,933 \& 180,616 \& <br>
\hline ${ }_{83}^{28,16}$ \& 532,50) \& ${ }_{818} 818$ \& ${ }^{7919} 9$ \& 1,078, 113 \& 1,610,618 \& 42, 654 \& <br>
\hline 311, 03 \& dd 123,573 \& dd 434, 6 \& 415,932 \& 726, 967 \& da 850, 540 \& 308, 081 \& <br>
\hline 228,5 \& 57, 882 \& 286, 5 \& 686,392 \& 914,976 \& 972, 958 \& 358,063 \& 5 <br>
\hline 1051 \& ${ }_{150}^{168,5}$ \& 273, 2 \& 470, \& ${ }_{606,850}^{575}$ \& 744, 435 \& ii $i$ 120, ${ }^{1502}$ \& 86
87 <br>
\hline 197, 2 \& kks 5, 012 \& ksk 202,312 \& 466, \& 664,092 \& 6699, 134 \& \& 88 <br>
\hline ${ }_{79} 979,646$ \& 60,0 \&  \& 249, \& ${ }_{\text {m }}^{5497,079}$ \& m 407 , 011 \& \& 9 <br>
\hline 169, \& 8,590 \& 177, 853 \& 350, 259 \& 519,522 \& 528, 112 \& \& <br>
\hline ${ }^{\text {p }}$ 240,50 \& ${ }_{377}^{688} \mathbf{7 5 0}$ \& ${ }_{\text {pp }}{ }_{20879,236}$ \& -635,042 \& ${ }_{\text {pp }}^{813,959}$ \& ${ }^{p p 1,514,278}$ \& 73,440 \& <br>
\hline rr92, 904 \& 345, 50 \& re 488, \& 431, \& ${ }^{t} \boldsymbol{t}$ 624,521 \& ${ }^{t} \mathbf{t} 87$ \& \& <br>
\hline ${ }_{96,457}$ \& - \& ${ }^{20} 509,994$ \& cinto \& ${ }^{20} 9741,542$ \& ${ }^{v 01,174,188}$ \& 41,46 \& <br>
\hline 62,25 \& 163, \& 215,502 \& 438, \& 491,033 \& 654,285 \& 56,1 \& <br>
\hline $\begin{array}{r}\text { xx } 34,415 \\ \hline 188,757 \\ \hline\end{array}$ \& 72,
4,6 \& $x \times 106,415$
188,387 \&  \&  \& $z z 388,925$
cua 576,938 \& 39,856
148,243 \& ${ }_{99}$ <br>
\hline 29, 34 \& ${ }_{\text {bwb }} 24,381$ \& ${ }^{6} 6585,685$ \& 198, \& 228, 307 \& ${ }_{666} 257,638$ \& - 12.659 \& 100 <br>

\hline $\begin{array}{r}81,724 \\ \hline 2968\end{array}$ \& $\begin{array}{r}185,629 \\ 66,96 \\ \hline\end{array}$ \& 267, 538 \& \& | 489,204 |
| :--- |
| 684 |
| 113 | \& 675, 889 \& 164 \& 101 <br>

\hline 1991,109 \& 66,966 \& 291, 109 \& 98, 354 \& \&  \& gog 170 \& ${ }_{103}^{102}$ <br>
\hline kık 301, 211 \& 213,550 \& mm 514,761 \& 575,685 \& 876,896 \& mm1,090, 446 \& mm 46, 636 \& 104 <br>
\hline 241,882 \& 79,955 \& 321,887 \& 547, \& 789, 218 \& 869, \& 151, \& 105 <br>
\hline
\end{tabular}

ii Including ${ }^{880,816}$ cash in sinking fund.
$j 3$ Including amount received from State and county for schools.
kk Not including $\$ 54,000$ paid out of sinking fund.
$\boldsymbol{l l}$ Including $\$ 28,634$ received from State for schools and library.
$m m$ Including $\$ 29,573$ received from state for schools.
$m$ Including $\$ 2,082$ State tax.
00 Including $\$ 18,687$ received from State for schools.
$p p$ Including $\$ 67,158$ state and county tax.
ga Including $\$ 23,291$ received from State for schools.
rr Not including $\$ 23,733$ expended by State and county for schools.
ss Not including $\$ 94,060$ expended by State and county for schools.
$t t$ Not including $\$ 117,793$ expended by State and county for schools.
$u u$ Including $\$ 11,202$ received from State for schools.
$v v$ Including $\$ 48,407$ State tax.
ww Including $\$ 19,368$ orders in transition.
$x x$ Not including $\$ 10,691$ expended by state and county for schools.
$w y$ Not including $\$ 45,876$ expended by state and county for schools.
$z z$ Not including $\$ 56,567$ expended by State and county for schools.
aad Not including 824,431 expended by State and county for schools.
bbb Not including $\$ 7,050$ paid out of sinking fund.
ceo Including $\$ 88,449$ received from State and county for schools.
ddd Including $\$ 79,354$ received from State for schools.
eee Including $\$ 1,131$ cash in sinking fund.
fff Including $\$ 79,354$ received from State for schools and $\$ 1,131$ cash in sinking fund.
gog Including \$7,213 cash in sinking fund.
hhh Including \$12,521 received from State.
iii Including $\$ 5,100$ cash in sinking fund.
jjj Including $\$ 12,521$ received from State and $\$ 5,100$ cash in sinking fund.
kik Including $\$ 88,515$ State and county tax.
Ill Not including $\$ 70,000$ paid out of sinking fund.
mmm Including $\$ 38,515$ State and county tax, but not fncluding $\$ 70,000$ paid out of sinking fund.
man Including $\$ 10,746$ cash in sinking fund.
ooo Including $\$ 59,404$ received from State for schools.

Table XXIII.-SUMMARY OF RECEIPTS AND EXPENDITURES--Concluded.

| Marginal number. | Cities. | Receipts. |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Actual income for the fiscal year. | Cash on hand at beginning of tiscal year. | Loans. | Total. |
| 106 | Terre Haute, Ind | \$480,533 | a \$148,644 |  | a \$629, 177 |
| 107 | Dubuque, Iowa.. | 529,996 | 60,050 | \$72,494 | 662,540 |
| 108 | Quincy, Ill... | 393, 789 | 52,529 | 35,500 | 481,818 |
| 109 | South Bend, Ind | $f 566,936$ | g167, 632 | 119,995 | h854, 563 |
| 110 | Salem, Mass | 2 750,805 | 13,735 | 441,038 | k 1, 205, 578 |
| 111 | Johnstown, Pa | $m 273,140$ | 39,975 | 228,060 | $m 541,175$ |
| 112 | Elmira, N. Y | n581, 157 | 121, 748 | 80,127 | n 783, 032 |
| 113 | Allentown, Pa. | p345, 465 | q 119, 802 | 190,402 | r 655,669 |
| 114 | Davenport, lowa | $t 603,469$ | 152,891 | 113,150 | $t 869.510$ |
| 115 | McKeesport, Pa | 14577,793 | 123,940 |  | u 581, 733 |
| 116 | Springfield, Ill. | 473,594 | 65, 009 | 69,209 | 607,812 |
| 117 | Chelsea, Mass | $v 623,383$ | 122,819 | 633, 000 | $v 1,379,202$ |
| 118 | Chester, Pa | 20306,826 | 27,421 | 212,500 | w 546,747 |
| 119 | York, Pa. | ad 237, 154 | ee 40,594 | 32, 101 | ff 309,849 |
| 120 | Malden, Mass. | 749,263 | 66,026 | 362,500 | 1,177,789 |
| 121 | Topeka, Kans | 467, 727 | $k k 126,165$ | 140,270 | kk 784, 162 |
| 122 | Newton, Mass | 1,415,543 | 138,087 | 1,063, 300 | 2,616,930 |
| 123 | Sioux City, Iow | -577, 301 | 75, 330 | 30,965 | 688,596 |
| 124 | Bayonne, N.J | 690,377 | 64,932 | 246,021 | 1,001,330 |
| 125 | Knoxville, Tenn | rr 267, 989 | ${ }^{79}$ | 48,250 | $\operatorname{rr316,318}$ |
| 126 | Schenectady, N, Y | 318,888 | 176,648 | 312,945 | 808, 476 |
| 127 | Fitchburg, Mass | 0xx 708, 601 | yy 95,564 | 635, 300 | $z z 1,489,465$ |
| 128 | Superior Wis | 583, 328 | cec 178,789 |  | cce 762, 117 |
| 129 | Rockford, Ill | 391, 498 | 14,657 | 213, 196 | 619, 351 |
| 130 | Taunton, Mass | 637, 999 | 45, 866 | 514,300 | 1,198,165 |
| 131 | Canton, Ohio | kkk 388, 548 | 129, 729 | 158,061 | lekek 676, 338 |
| 132 | Butte, Mont | 111711,425 | mmm 97, 156 | nmm 100,000 | 000 908,581 |
| 133 | Montgomery, Ala | rre 368,777 | 90,693 | 63,600 | rrr 523,070 |
| 134 | Auburn, N. Y | ttt 431,690 | 120,327 | 16,101 | $\boldsymbol{t t t} 568,118$ |
| 185 | Chattanooga, Tenn | тии 284,464 | 14,985 | 60,000 | тuu 349, 449 |
| 136 | East St. Louis, In | 653, 310 | 98, 319 | 40,454 | 692,083 |
| 137 | Joliet, Ill ..... | 417,408 | 108,343 | 32,000 | 557,751 |

a Including $\$ 30,435$ cash in sinking fund.
$b$ Including $\$ 32,701$ cash in sinking fund.
c Not including $\$ 60,167$ paid out of sinking fund.
$d$ Not including $\$ 23,873$ paid out of sinking fund.
e Not including $\$ 84,040$ paid out of sinking fund.
$f$ Including $\$ 13,725$ received from state for schools.
$g$ Including $\$ 36,332$ cash in sinking fund.
hincluding $\$ 13,725$ received from State for schools and $\$ 36,332$ cash in sinking fund.
iNot including $\$ 3,168$ paid out of sinking fund.
5 Including $\$ 44, \$ 29$ cash in sinking fund.
$k$ Including $\$ 15,624$ received from State.
$\boldsymbol{I}$ Including $\$ 41,811$ state and county tax.
$m$ Including $\$ 24,197$ received from State for schools.
$n$ Including $\$ 16,952$ received from State for sehools.
oIncluding $\$ 112.725$ state and county tax.
pIncluding $\$ 24,430$ received from State for schools.
qIncluding $\$ 57,937$ cash in sinking fund.
$r$ Including $\$ 24,430$ received from State for schools and $\$ 57,937$ cash in sinking fund.
s Including $\$ 57,813$ cash in sinking fund.
$t$ Including $\$ 26,155$ received from State for schools.
uIncluding \$25,683 received from State for schools.
$v$ Including 89,581 received from state.
${ }^{w}$ Including $\$ 24,930$ received from State for schools.
$x$ Including $\$ 7,097$ State tax.
$y$ Not incluaing $\$ 5,000$ paid out of sinking fund.
zIncluding $\$ 7,097$ State tax, but not including $\$ 5,000$ paid out of sinking fund.
aa Not including $\$ 13,645$ paid out of sinking fund, but including $\$ 5,597$ paid out of sinking fund which can not be traced to the various items of expenditure.
bb Including $\$ 7,097$ State tax and $\$ 5,697$ paid out of sinking fund which can not be traced to the various items of expenditure, but not includiug $\$ 13,645$ paid out of sinking fund.
cclncluding $\$ 7,097$ State tax and $\$ 5,597$ paid out of sinking fund which can not be traced to the various items of expenditure, but not including $\$ 18,645$ paid out of sinking fund.
$d d$ Including $\$ 26,816$ received from State for schools.
ee Including $\$ 9,093$ cash in sinking fund.
ff Including $\$ 26,816$ received from State for schools and $\$ 9,098$ cash in sinking fund.
gg Including $\$ 2,944$ cash in sinking fund.
${ }^{5 h}$ Including State and county tax.
$i i$ Not including $\$ 10,000$ paid out of sinking fund.
$j 5$ Including State and county tax, but not including $\$ 10,000$ paid out of sinking fund.
${ }^{k k}$ Including 89,256 cash in sinking fund.
${ }^{\prime} 4$ Including $\$ 9,270$ cash in sinking fund.

Table XXIII.-SUMMARY OF RECEIPTS AND EXPENDITURES-Concluded.

| Expenditures. |  |  |  |  |  | $\begin{gathered} \text { Cash on } \\ \text { hand atend } \\ \text { of fiscal } \\ \text { year. } \end{gathered}$ | Marginal number. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| For construction and other capital outlay. |  |  | For maintenance and operation. | Total excluding loans repaid. | Total including loans repaid. |  |  |
| Other than loans repaid. | Loans repaid. | Total. |  |  |  |  |  |
| \$30, 14 | \$40,238 | \$70,384 | \$401, 415 | \$431,561 | \$471, 799 | b \$157, 378 | 106 |
| 189,895 | c 71,724 | c 261, 619 | d 341, 216 | d 531, 111 | e 602, 835 | 59, 705 | 107 |
| 89,943 | 63,600 | 153, 543 | '276, 387 | 366, 330 | 429,930 | 51,888 | 108 |
| 299, 637 | $i 73,330$ | i 372,967 | 306, 262 | 605, 899 | i 679,229 | j 175, 334 | 109 |
| $l 170,251$ | 480,670 | $l 650,921$ | 552, 354 | $l 722,605$ | l 1, 203, 275 | 2,303 | 110 |
| 113, 474 | 146,720 | 260, 194 | 223, 237 | 336, 711 | 483, 431 | 57, 744 | 111 |
| -177,394 | 68,200 | - 245,594 | 471, 127 | - 648,521 | - 716,721 | 66,311 | 112 |
| 150,881 | 106, 500 | 257, 381 | 233, 105 | 383, 986 | 490, 486 | s 165,183 | 113 |
| 207, 645 | 110,634 | 318, 279 | 342, 644 | 550,289 | 660,923 | 208,587 | 114 |
| 169,289 | 4,000 | 173,289 | 344, 563 | 513, 852 | 517,852 | 63,881 | 115 |
| 97, 669 | 81,874 | 179,543 | 375,040 | 472, 709 | 554,583 | 53,229 | 116 |
| 92, 822 | 440, 000 | 532, 822 | 659,775 | 752, 597 | 1,192,597 | 186, 605 | 117 |
| $x$ 178,555 | $\boldsymbol{y} 124,000$ | $z 302,555$ | au 238,844 | bb 417, 899 | co 541, 399 | 10,945 | 118 |
| 47, 603 | 32,000 | 79, 603 | 204, 653 | 252, 256 | 284,256 | gg 25, 593 | 119 |
| hh 2229,446 | ii 350, 025 | j3 579, 471 | 570, 162 | lh 799,608 | jij1, 149, 633 | 28, 156 | 120 |
| 217, 460 | 46,883 | 264,343 | 323, 487 | 540, 947 | 687,830 | $l l$ 146, 332 | 121 |
| mm 557, 703 | 895, 000 | mm 1, 452, 703 | 1,043, 179 | mm 1,600,882 | mm 2, 495, 882 | 121, 048 | 122 |
| 111, 461 | $m \mathrm{mi34,835}$ | m 246,296 | -0 360, 864 | oo 472, 325 | p ${ }^{4} 607,160$ | 76, 436 | 123 |
| qq 253, 935 | 211,000 | q9 464, 935 | 488,955 | q9 742, 890 | q9 953, 890 | 47, 440 | 124 |
| ss 13, 275 | tt 45, 250 | uи 58, 525 | $v v 257,321$ | 270,596 | $t t 315,846$ | 472 | 125 |
| uno 290, 817 | 179,518 | veve 470, 335 | 265, 451 | ww 556,268 | ww 735, 786 | 72,690 | 126 |
| acaa 300, 273 | 631,700 | aaa 931, 973 | 485, 257 | aaa 785, 830 | cram 1, 417,530 | bbb 21,935 | 127 |
| 119,311 | 71, 202 | 190,513 | 408,734 | 528, 045 | 599,247 | ddd 162, 870 | 128 |
| 82,996 | 241, 000 | 323,996 | - 278,158 | 361,154 | [ji 602,154 | 17, 197 | 129 |
| eee 321, 062 | fff 354,000 | 000675,062 | hhh 462, 356 | i i 783,418 | jjj 1, 137, 418 | 60,747 | 130 |
| 159, 554 | 64, 779 | 924, 333 | 330,714 | 490, 268 | 555,047 | 121,291 | 131 |
| ppp 91, 744 | 80,903 | ppp 172,647 | ppp 512,980 | mpp 604, 724 | ppp 685,627 | 979 222, 954 | 132 |
| sss 81, 607 | 30, 385 | sss 111,992 | s 88345,922 | ss 427, 509 | sss 457, 914 | 89,764 | 138 |
| 95, 091 | 63, 907 | 158,998 | 286, 881 | 381,972 | 445, 879 | 122, 239 | 134 |
| 12,728 293,100 | 57,000 | 69,728 293,100 | 264,728 312,843 | 277,456 605,943 | 334,456 605,943 | 14,993 86,140 | 135 |
| 293, 100 | 62,430 | 293,100 189,296 | 312,843 237,850 | 605,943 364,716 | 605,943 427,146 | 18,140 130,605 | 136 |

mm Including $\$ 97,221$ State and county tax.
$m$ Not including $\$ 49,633$ paid out of sinking fund.
oo Not including $\$ 79,694$ paid out of sinking fund.
pp Not including 8129,327 paid out of sinking fund.
$q q$ Including $\$ 98,293$ State and county tax.
$r r$ Including $\$ 49,231$ received from State and county for schools.
ss Notincluding expenditures forsewers included in expenditures for maintenance and operation.
$t t$ Not including $\$ 9,000$ paid out of sinking fund.
uu Not including expenditures for sewers included in expenditures for maintenance and opera-
tion and $\$ 9,000$ paid out of sinking fund.
$\boldsymbol{v} \boldsymbol{v}$ Including expenditures for construction and other capital outlay for sewers.
vow Including $\$ 32,879$ county tax.
$x x$ Including $\$ 41,519$ received from State.
$w$ Including $\$ 95,331$ cash in sinking fund.
$z z$ Including $\$ 41,519$ received from State and $\$ 95,331$ cash in sinking fund.
a a Including $\$ 36,661$ State and county tax.
bbb Including $\$ 1,315$ cash in sinking fund.
cco Including cash in sinking fund.
ddd Including 83,186 cash in sinking fund.
eee Including $\$ 47,580$ State and county tax.
fff Not including $\$ 72,300$ paid out of sinking fund.
ggg Including $\$ 47,580$ State and county tax, but not including $\$ 72,300$ paid out of sinking fund.
hhh Not including expenditures for street sprinkling, paid for by property owners.
iii Including $\$ 47,580$ State and county tax, but not including expenditures for street sprinkling, paid for by property owners.
$\$ j j$ Including $\$ 47,580$ State and county tax, but not including $\$ 72,300$ paid out of sinking fund and expenditures for street sprinkling, paid for by property owners.
$k k k$ Including $\$ 13,859$ received from State for schools.
$2 l l$ Including $\$ 25,150$ received from State for schools and income of school district extending beyond city limits.
$m m m$ Including $\$ 1,405 \mathrm{cash}$ in sinking fund and cash of school district extending beyond city limits.
mon Including school district extending beyond city limits.
ooo Including $\$ 25,150$ received from State for schools, $\$ 1,405$ cash in sinking fund, and income of school district extending beyond city limits.
$p p p$ Including expenditures for school district extending beyond city limits.
qqa Including $\$ 17,419$ cash in sinking fund and cash of school district extending beyond city limits.
rrr Including $\$ 8,724$ received from State for schools.
sss Including unpaid warrants which can not be traced to the various items of expenditure.
$t t t$ Including $\$ 16,139$ received from State for schools.
tau Including $\$ 28,075$ received from State and county for schools.

Table XXIV.-ASSETS (1).

|  | Cities. | Cash in treasury. | Uncollected taxes. | Cash and bonds in sinking fund. | Trust funds. | City hall. |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{aligned} & \text { ginal } \\ & \text { num- } \\ & \text { ber. } \end{aligned}$ |  |  |  |  |  | $\begin{aligned} & \text { Land } \\ & \text { and } \\ & \text { build- } \\ & \text { ings. } \end{aligned}$ | Apparatus, etc. | Total. |
| 1 | New | 810,441 | 3,380 | \$121,340 |  |  |  |  |
| 2 |  |  |  |  |  | 1,71 | 300 | 2,017 |
| 3 | Philadelphia, | 18, 210, 66 | 2,623,520 | 13, 615,8 | 2,000 | 5, 000,000 |  |  |
| 4 | At. Louis, Mo. | 5,664,84 | 1,301,334 | 653 |  | 1,556,351 | 70, 530 | 1,626,887 |
| 5 | Boston, Mass | e3, 403, 7 | 3,200, 177 | 32,802,887 | 1, 977, 924 | 1,750, 000 | 105,000 | 1, ${ }_{2} 855,000$ |
| 7 | Baltimore, M | 4, 755, 236 | 1, 611, 3441 | $\mathbf{9 , 3 1 5 , 9 7 8}$ $\mathbf{3 , 1 7 7 , 4 8 0}$ | $1,190,101$ | 2,021,135 | 250,000 48,000 | $2,27,136$ 48,000 |
|  | Buffalo, N. Y. | 1,042,39 | 1, 432, 057 | 612,466 |  | f1, 693 , |  | h1,693,050 |
| 9 | San Francisco | 1,603,590 | 150,000 | 220,6 |  | (a) | (g) | i7,500,000 |
| 10 | Cincinnati, Ohio | 2,062, 296 | 497,238 | 5,413,256 | 350,500 | 1,763,441 | 100,000 | $1,863,4+1$ |
| 11 | Pittsburg, Pa | 478, 206 | 1,463,700 | 5, 825, 363 |  | $875,000$ | 80,000 | $\begin{aligned} & 955,000 \\ & 180 \end{aligned}$ |
| 12 | New Orleans, | 2,341,273 | $\begin{array}{r} 4,222,908 \\ 160,000 \end{array}$ | 2,0 |  | 150,000 $2,120,430$ | 30,000 10,000 | 180,000 $2,130,430$ |
| 14 | Milwaukee, Wi | 439,640 | 2,476, 5 |  |  | 1,100,000 | 100,000 | 1,200,000 |
| 15 | Washington, D | 487,986 | 594, 674 | 1,153,880 | 415, |  |  | (0) |
| 16 | Newark, N. J | 237,473 | 1,038,324 | 4, 928, 561 | 11, 300 | 521,152 | 50,000 | 571,152 |
| 17 | Jersey City, N | 735,947 | 4, 273, 650 | 3, 484, 653 |  | 725, 0000 |  | 750,000 |
| 18 | Louisville, Ky M | 178,538 | 1, 274,516 | 2,118,166 |  | 1, 4350,000 | ( 5 ( 000 | 530, 1,000 1,120 |
| 20 | Providence, R . 1 | 176, 474 | 25, | 3, 291, 115 | 432 | 1,120,780 | 50,000 | 1,170,780 |
| 21 | Indianapolis, I | 269, 730 |  |  |  |  |  | 9,440 |
| 22 | Kansas City, | 866,8 | 26,139 | 401, 291 |  | ${ }^{1} 375,000$ | 15,000 | l 3900000 |
| 23 | St. Paul, Minn | 342,557 | 428,927 | 706,613 |  | 750,000 |  | $k 750,000$ |
| 24 | Rochester, N | 242, 675 | 2.421, 827 | 445, 831 |  | 335,000 |  |  |
| 25 | Denver, Co | 93,289 393 | ${ }_{209}^{251,223}$ | 153,890 |  | q225,000 | 29,000 29,445 | $\mathbf{q} 250,000$ 29,445 |
| 2 | Allegheny | 1,332, | 516,922 | 1,157,612 |  | 500,000 | 50,000 | 550,000 |
| 28 | Columbus, Ohio | 111,099 | 49, 261 | 2, 274, 265 | 20,000 | p95,000 | 6,408 | p 101,408 |
| 29 | Worcester, M | 204, 986 | $322,436$ | 4, 480, 043 | 399, | 590,000 | 38,000 | 628,000 |
| 30 | Syracuse, N. Y | 688, 295 | 1,692,601 |  |  | $l 453,500$ | ${ }^{n 17,000}$ | 3470,500 |
| 31 | New Haven, C | 263, 821 | $\begin{aligned} & 574,770 \\ & 987 \\ & 895 \end{aligned}$ | -60,906 | 338,743 | 240,755 422,000 |  | 258, 755 |
| 32 | Paterson, N.J. | 84,630 | 1,387, 8895 | 1,643,071 | 87 | 422,000 410,000 | 23,700 | 445,700 |
| 34 | St. Joseph, Mo | 195, 705 |  | 64, | 1,665 | $x_{145,000}$ | 2,500 | $x 147,500$ |
| 35 | Omaha, Nebr | 500,693 | 2,531,190 | 50,443 |  | 592;675 | 42,000 | 634, 675 |
| 36 | Los Angeles, C | 378,601 | 274,173 | 243, 852 |  | y 306, 355 | 8,930 | $y 315,285$ |
| 37 | Memphis, Tenn. | 292,684 | 201,641 60,000 | 131,043 407,417 |  |  |  |  |
| 38 39 | Scranton, Pa | 183, 467 | 60,000 537,262 | 407,417 | 26,495 | $\begin{array}{r} z 250,000 \\ d 410,000 \end{array}$ | 8,000 $d 21,477$ | $z 258,000$ $d 431,477$ |
| 40 | Albany, $\mathrm{N} . \mathrm{Y}$ | 296, 491 | 141, 104 | 1,492, 041 |  | 470,000 |  | ${ }^{1} 4770,000$ |
| 41 | Cambridge, Ma | 276, 545 | 474,554 | 1, 999, 584 | 25,000 | 272,000 | 29,800 | 301,800 |
| 42 | Portland, 0 | 379, 222 | 110, 477 | 98, 854 |  | aa 675, 000 | 25,000 |  |
| 43 | Atlanta, Ga | 722, 409 | 112,394 | 175,751 |  | $41,365$ | 35,000 | 71,365 |
| $\begin{aligned} & 44 \\ & 45 \end{aligned}$ | Grand Rapids, |  | 371,087 |  |  | bb 225,000 | 40,000 | bb 265,000 |
| 46 | Richmond, V ¢ | 186, 925 | 78, 368 | 616,841 |  |  |  | 1,401, 550 |
| 47 | Nashville, Ten | 244,361 | 350,000 | 9,473 |  | $x 385,000$ | 15,000 | $x 400,000$ |
| 48 | Seattle, Wash. | 485, 184 | 77, 279 |  |  |  | 6,996 | ${ }^{1} 106,995$ |
| 49 | Hartford, Con | 134, 891 | 214, 940 | 597,593 | 135,37 | 497,500 | 14,080 | 511,582 |
| 50 | Reading, Pa | 399, 629 | 54, | 84,632 |  | $z 35,000$ |  | $z 38,000$ |
| 51 52 | Wilmington, | $\begin{array}{r}\text { 56, } \\ \text { 114, } \\ \\ \hline\end{array}$ | 60,000 218,358 | 155,843 | 2,000 | 178,253 $d 140,000$ | $\begin{array}{r}4,000 \\ \hline 6,000\end{array}$ | d 146,000 |
| 53 | Trenton, $\mathrm{N} . \mathrm{J}$ | 207, 898 | 697, 230 | 1,451,899 |  | 75,000 | 10,000 | 85,000 |
| 54 | Bridgep | 274,434 | 49,790 | 343,973 |  | 150,000 | 2,500 | 152,500 |
| 55 | Lynn, Mass | 48,237 | 527, 723 | 1,336,535 | 15,033 | 315, 000 | 15,000 | 330,000 |

a Including $\$ 1,355,000$, College of the City of New York, and $\$ 1,500,000$, Normal College.
$b$ Including $\$ 204,000$, College cf the City of New York, and $\$ 100,000$, Normal College.

- Including $\$ 1,559,000$, College of the City of New York, and $\$ 1,600,000$, Normal College.
$d$ Including jails.
eIncluding cash in county treasury.
$f$ Including $\$ 803,700$, investment of county.
g Not reported.
$h$ Including $\$ 803,700$, investment of county, but not including apparatus, etc., not reported.
$i$ Including libraries, jails, hospitals, asylums, and hall of justice.
$j$ Included in other assets.
$k$ Not including apparatus, etc.
$l$ Including land and buildings for police department and jails.
$m$ Included in land and buildings for city hall.
$n$ Including apparatus, etc., for jails.
o Not including land and buildings, but including apparatus, etc., for jails.
$p$ Including land and buildings for libraries.
$\boldsymbol{q}$ Including land and buildings for jails and fire department headquarters, and quarters for 2 fire companies.

Table XXIV.-ASSETS (1).

| Police department. |  |  | Fire department. |  |  | Schools. |  |  | Mar- <br> ginal <br> num- |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Land and buildings. | Apparatus, etc. | Total. | Land and buildings. | Apparatus, etc. | Total. | Land and buildings. | Apparatus, etc. | Total. |  |
|  |  |  | \$10, 654, 650 | \$3,923, 150 $\$ 14,577,800$ |  | a456, 590, 172 | b\$2, 733, 314 | c\$59,323,486 |  |
| $a 884,520$ | d426, 372 |  | 1,047, 375 | $\begin{array}{r} 958,970 \\ \mathbf{5 8 8}, \mathbf{6 7 0 3} \end{array}$ | 2,006,345 | 21,370,537 | 3, 287,920 |  | $\stackrel{1}{2}$ |
| 925, 600 | [3,386,720 | 4,312,320 | 735,900 |  | 4,324,503 | 9,925,600 | $\begin{aligned} & 500,000 \\ & 266,500 \end{aligned}$ | $\begin{gathered} 4,000,400 \\ 10,425,600 \end{gathered}$ | 34 |
| 183, 574 |  | 218,627 | 472, 080 | 415,200 | 887, 280 | 6, 071,852 |  | $6,338,352$ |  |
| 900, 000 | 112,000 | 1,012,000 | 1,675, 000 | 657,000 | 2,332,000 | 12, 472, 600 | 600, 000 | 13,072, 600 |  |
| 372, 797 | 103,500 | 476,297 | 382, 498 | 418,499 | 800, 997 | 2, 868,238 | 375, 459 | 3,243, 697 |  |
| 458, 400 | 44,630 | 503, 030 | 479, 444 | 408,116 | 887,560 | 4, 853,359 | 287, 300 | 5,140, 659 |  |
| 357, 025 |  | 426,505 | 462,637 | 648,08: | 1, 110,724 | 3, 376, 407 | 503,617 422,000 | 3, 880, 024 |  |
| (a) |  | 100,000 | (g) ${ }^{\text {a }}$ | ${ }^{(0)}$ | 1,756,000 | 4,993,200 | 422,000 | $5,415,200$ $4,292,668$ | 10 |
| 160, 000 |  | 201,000 | 569,250 | 709,525 | 1,278, 775 | 4,086,668 | 206,000 | 4, 292, 668 |  |
| d 203,382 | $\begin{array}{r} d 13,900 \\ 7,000 \end{array}$ | d217, 282 | 789, 674 | 242,500 | $1,082,174$ <br> 409,009 | $4,409,170$ $1,190,654$ | 60,000 110,000 | 4,469, 170 | 11 12 |
| 7,500 | 7,000 20,859 | 14,500 346,311 | 244, 009 631,660 | 165,090 1,177 | 1, 409, 0809 | $1,190,654$ $\mathbf{3}, 430,275$ | 110,000 130,490 | 1,300, $3,560,765$ | 12 13 14 |
| d132, 227 |  | d 242,227 | 498, 184 | 539,153 | 1, 037, 337 | 3,028,644 | 187,952 | 3,216,596 | 14 |
| 144, 667 | d110,000 20,025 | 164,692 | 305, 945 | 191, 201 | 497, 146 | 4,646,566 | 317,066 | 4,963,632 | 15 |
| 100, 000 | 50,000 | 150,000 | 665,000 | 175, 000 | 840,000 | 2, 432,900 | 200,000 | 2,632,900 | 16 |
| 118, 000 | 32,00010,000 | 150,000 | 141,900 | 171,035 | 312,985 | 1,575, 850 | 116,961 | 1,692, 811 | - 17 |
| 25, 493 |  | 35, 493 | 283, 200 | 215,000 | 498,280 | 1, 303, 193 | 110,000 | 1, 413, 193 | 18 19 |
| 93, 052 | 10,000 (j) | k93, 052 | 435, 450 | (5) | 4435,450 | 2, 991, 270 | (j) | -2,991, 270 | 19 |
| 340,302 | 81,89046,850 | 422, 192 | 405, 648 | 238,144 | 643, 792 | 2, 699,367 | 97, 401 | 2,796, 768 | -20 |
| 112,000 |  | 158,850 | 190,000 | 191,000 | 381,000 | 1, 719, 686 | 250, 555 | 1,970, 241 | 22 |
| ( $m$ ) |  | o7,500 | 172, 000 | 122,000 | 294, 000 | 2, 182, 660 | 266,175 352,200 | 2,448, 8385 | 22 |
| 52,492 d75,000 | $\begin{aligned} & n 7,500 \\ & 17,000 \end{aligned}$ | 69,492 d 90,000 | 398,000 400,000 | 237,000 | 635,000 500,000 | p1,775,000 | 175, 000 | $\bigcirc \mathrm{p}$ 1,950,000 | 24 |
|  | $\left(\begin{array}{l} d 15,000 \\ n 65,000 \end{array}\right.$ | n65,000 | $r 128,000$ | 206,000 | r 334,000 | 2,616,480 | 119,503 | 2,735, 983 | 25 |
| d112,000 | $d 46,080$ | $\boldsymbol{d} 158,080$ | 170, 675 | 162,066 | 332, 741 | 1,124,738 | 428,160 | 1,552, 898 | \% |
| 21,000 | $\begin{array}{r} 5,383 \\ a 8,203 \end{array}$ | 26,383 | 185, 000 |  | 272,850 | 2, 445,688 | 125,000 | 2,570,688 | 7 |
| d52,000 |  | d60,203 | 307, 657 | 192,079 | 499, 736 | 2, 312,380 | 168, 774 | 2,481,154 | 8 |
| d83, 949 | $\begin{array}{r} 48,208 \\ d 17,225 \end{array}$ | d101, 174 | 396, 471 | 154, 232 | 550, 703 | 2, 358, 865 | 373,016 | 2,731,881 | 29 |
| (m) | 28,000 | t28,000 | 179,000 | 95,000 | 274, 000 | 1, 384,900 | 185, 000 | 1,569,900 | 30 81 |
| 185,000 | 10,000 | 195,000 | 162, 600 | 201,915 | 364,515 199,000 | $1,633,309$ 814,500 | 101,300 70,000 | $1,734,609$ 884,500 | 31 32 |
| 36,000 | 12,000 | 48,000 | (iv) ${ }^{\text {(iv) }} \mathbf{0 0 0}$ | 103,000 | 199,000 t 181,737 | 814,500 $1,290,650$ | 70,000 61,800 | 884,500 $1,352,450$ | 32 |
| u 298,800 38,000 | $\begin{array}{r} n 20,047 \\ 2,000 \end{array}$ | $v 318,847$ 40,000 | ( 75 ) 000 | 131,737 45,000 | t 181,737 120,000 | 1, 290,650 | 61,800 | $1,352,450$ 820,219 | 33 |
| 38,000 d 50,000 |  | 40,000 d 63,000 | 75,000 73,704 | $\mathbf{4 5}, 000$ | 166, 704 | 1,955, 414 | $\mathbf{6 5}, 000$ <br> 80 | 2,050, 415 | 34 35 |
| d118, 489 |  | d122, 296 | 127,030 | 126,350 | 253, 380 | 1, 283, 446 | 80,880 | 1,314, 326 | 36 |
| d 50,000 | $\begin{aligned} & a 8,866 \\ & n 4,430 \end{aligned}$ | d58,866 | 129,000 | 82, 672 | 211, 672 | 450,348 | 18,000 | 468,348 | -37 |
| (m) |  | O4, 430 | 52, 070 | 91,787 | 148, 857 | 1,610,384 | 135,000 | $1,745,384$ $1,723,259$ | 39 |
| 75,500 | $\begin{array}{r} n 4,430 \\ 32,077 \end{array}$ | 107, 577 | 275, 500 | 121, 709 | 397, 209 | 1,651,000 | 72, 259 | 1,723,259 | 39 40 |
| 57,000 | 19,300 | 76,300 | 157,600 | 247, 973 | 405,573 | 1,021,000 | 11b, 186 |  | 1 |
| d 22,100 | d 16,948 | d39,048 $d 30,000$ | 169,800 205,750 | 78,509 150,000 | 248, 309 | $1,800,300$ $1,137,800$ | 138,565 41,000 | $1,988,865$ $\mathbf{l}, 178,800$ | 1 |
| d25,000 |  | d 30,000 157,000 |  |  | 253, 600 | 1, 719,489 | 65,000 | 1, 784,480 |  |
| 66,457 | $\begin{aligned} & 32,000 \\ & 21,528 \end{aligned}$ | 87,980 | 104, 144 | 115, 105 | 219,249 | 1,137,749 | 60,890 | 1, 198, 639 | 44 |
| (m) | n37,400 | -37,400 | 280,000 | 172, 100 | 452, 100 | 1,347, 713 | 58,311 | 1,406,024 | 5 |
| (g) | (g)44 | 2,600 | 71,400 | 105, 320 | 176, 720 | 442,500 | 25,750 | 468,250 |  |
| (cc) |  | $t$ 4,000 | s129,000 | 226,825 | 8355,825 | 444, 872 | 26,000 | 470,872 |  |
| (m) | 4,000 $n 12,955$ | - 12,955 | 70,500 | 170,139 | 240,639 | 900,000 | 60,000 | 960,000 |  |
| d 101, 000 | d 9,060 | d 110,060 | 126,400 | 145,420 | 271,820 | 2.559,000 | 286,700 | 2,845, 700 |  |
| (m) | $\left\lvert\, \begin{array}{r} 1,200 \\ 146,000 \end{array}\right.$ | $t 1,200$ | 100,000 | 105,000 | 205, 000 | 959,40 | 50,800 | 1,010,200 | - 50 |
| (m) |  | - 46,000 |  |  |  | 787,51 | 144,468 | 931,985 | 51 |
| 10,000 | 8,775 | 18,775 | 81,000 | 49,599 | 130,599 | 639,000 | 143, 000 | 782,000 | 52 |
| d39,000 | $a 17,500$ | d56,500 | 90,000 | 66,850 | 156, 850 | 648,727 | 67, 562 | 716,289 |  |
| d135, 181 | $\begin{aligned} & d 7,425 \\ & d 8,378 \end{aligned}$ | d142, 606 | 102,450 | 130,319 | 232, 769 | 959, 891 | 71,724 | $\begin{aligned} & 1,031,615 \\ & 1,00 \end{aligned}$ |  |
| d 45.000 |  | d 53,378 | 148,400 | 77,812 | 226,212 | (g) | (a) | $1,080,500$ |  |
| $r$ Not including headquarters and quarters for 2 fre companies, included in land and buildings for |  |  |  |  |  |  |  |  |  |
| city hall. |  |  |  |  |  |  |  |  |  |
| $t$ Not including land and building |  |  |  |  |  |  |  |  |  |
| $u$ Including land and buildings for fire department. |  |  |  |  |  |  |  |  |  |
| $v$ Including land and buildings for fire department, and apparatus, etc., for jail |  |  |  |  |  |  |  |  |  |
| $x$ Including markets. |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | $y$ Including land and |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| $z$ Including land and buildings for police department. |  |  |  |  |  |  |  |  |  |
| $a^{a}$ Including land and buildings for art galleries, museums, ete. <br> $b b$ Including markets and land and buildings for police department and jails. |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

Table XXIV.-ASSETS (2).

|  | Cities. | Libraries. |  |  | Art galleries, museums, etc. |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| num- |  | Land and buildings. | Books, apparatus, etc. | Total. | Land and buildings. | Apparatus, etc. | Total. |
| 1 | New York, N. | \$4,050,000 | \$231,000 | 44,281,000 | \$22, 743,000 | 1,890,000 | \$24, 633, 000 |
| 2 | Chicago, Ill.. | 2,076,076 | 397,336 | 2, 473, 412 |  |  |  |
| 3 | Philadelphia, Pa |  | 293, 101 | 298, 101 | (b) | (b) | (b) |
| 4 | St. Lonis, Mo. | 233, 839 | 133,800 | 367,639 |  |  |  |
| 5 | Boston, Mass | 3, 194, 800 | 2,057,000 | 5,251, 800 |  |  |  |
| 6 | Baltimore, Md | 350, 000 | 243,121 | 598, 121 |  |  |  |
| 7 | Cleveland, Ohi | 44,485 | 190,454 | 234,939 |  |  |  |
| 8 | Buffalo, N. Y . |  |  |  |  |  |  |
| 9 | San Francisco, Cal | (d) | (d) | (e) |  |  |  |
| 10 | Cincinnati, Ohio .. | 560,000 | 283,265 | 843,265 |  |  |  |
| 11 | Pittsburg, Pa .... | c1, 200, 771 | c160,000 | c1, 360, 771 | (f) | (f) | (f) |
| 12 | New Orleans, La | 65,000 | 52,500 | 117,500 |  |  |  |
| 13 | Detroit, Mich ............ | 373, 000 | 178,000 | 551,000 |  |  |  |
| 14 | Milwaukee, Wis. | g800,000 | 220,813 | g1, 020,813 | (h) | 147, 187 | i147, 187 |
| 15 | Washington, D. C |  | 25,000 | 25,000 |  |  |  |
| 16 | Newark, N. J... | 418,000 | 8-,000 | 505,000 |  |  |  |
| 17 | Jersey City, N. J Louisville, Ky.. | 268,000 | 86,630 | 354, 630 |  |  |  |
| 18 | Louisville, Ky ${ }^{\text {Minneapolis, }}$ Minn |  |  |  |  |  |  |
| 19 | Minneapolis, Minn | 351,626 | (k) | l351,626 | 30,000 | 15,700 | 45,700 |
| 21 | Indianapolis, Ind | 152,750 | 111,628 | 264,378 | 3,000 | 15,70 | 45,700 |
| 22 | Kansas City, Mo. | 240,000 | 144,585 | 384, 585 |  |  |  |
| 23 | St. Paul, Minn | 300,000 | 129,000 | 429,000 |  |  |  |
| 24 | Rochester, N. Y | (r) | 35,000 | i35,000 |  |  |  |
| 25 | Denver, Colo ............. | 898,000 | 56,000 | $t 154,000$ | (b) | (b) | (b) |
| 26 | Toledo, Ohio ............. | 130,000 | 72, 716 | 202, 716 |  |  |  |
| 27 | Allegheny, Pa............ | 500,000 | 150,000 | 650,000 |  |  |  |
| 28 | Columbus, Ohio.......... | ( $n$ ) | 60,974 | 160,974 |  |  |  |
| 29 | Worcester, Mass | 175,935 | 108,000 | 278, 935 |  |  |  |
| 30 | Syracuse, N. Y | 863,000 | 80,000 | $t 143,000$ |  |  |  |
| 31 | New Haven, Conn | 110,000 | 52,000 | 162,000 |  |  |  |
| 32 | Paterson, N . J . | 100,000 | 35,000 | 135,000 |  |  |  |
| 33 | Fall River, Mass | 300,000 | 70,000 | 370,000 |  |  |  |
| 34 | St. Joseph, Mo. | 106,506 | 40,000 | 146,500 |  |  |  |
| 35 | Omaha, Nebr............. | - 162,985 | c 153,732 | c316,717 | (f) | (f) | (f) |
| 36 | Los Angeles, Cal......... | ( $n$ ) | 87, 558 | i87,558 |  |  |  |
| 37 | Memphis, Tenn. |  |  |  |  |  |  |
| 38 | Scranton, Pa. | 160,000 | 42, 400 | 202,400 |  |  |  |
| 39 | Lowell, Mass | 200,000 | 62,500 | 262,500 |  |  |  |
| 40 | Albany, N. Y |  |  |  |  |  |  |
| 41 | Cambridge, Mass | 186,000 | 66,000 | 252,000 |  |  |  |
| 42 | Portland, Oreg |  |  |  | ( ${ }^{\text {) }}$ | 10, 000 | i 10,000 |
| 43 | Atlanta, Ga ......... | 200,000 | 50,000 | 250,000 |  |  |  |
| 44 | Grand Rapids, Mich..... | w 52,000 | 69,641 | x 121, 641 |  |  |  |
| 45 | Dayton, Ohio............ | 500,000 | 71,360 | 571,360 |  |  |  |
| 46 | Richmond, Va............ |  |  |  |  |  |  |
| 47 | Nashville, Tenn |  |  |  |  |  |  |
| 48 | Seattle, Wash. |  | 37,090 | 37,090 |  |  |  |
| 49 | Hartford, Conn. |  |  |  |  |  |  |
| 50 | Reading, Pa ..... | 25,500 | 23,750 | 49,250 |  |  |  |
| 51 | Wilmington, Del |  |  |  |  |  |  |
| 52 | Camden, N.J. | $z 5,000$ | 10,000 | a 15, 000 |  |  |  |
| 53 | Trenton, N.J............. | 115,000 | 30,500 | 145,500 |  |  |  |
| 54 55 | Bridgeport, Conn......... | 200, 000 | 40,000 | 240,000 |  |  |  |
| 55 Lynn, Mass............... $250,00015184,113$ 434,113 | Lynn, Mass . .............. 200,000 184,113 |  |  |  |  |  |  |
| a Included in police department. <br> bIncluded in parks. <br> cIncluding art galleries, museums, etc <br> d Not reported. <br> $e$ Included in city hall. <br> $f$ Included in libraries. <br> gIncluding land and buildings for art galleries, museums, etc. <br> $h$ Included in land and buildings for libraries. <br> iNot including land and buildings. <br> $\delta$ Included in asylums, almshouses, etc. <br> ${ }_{2 c}$ Included in other assets. <br> $l$ Not including apparatus, etc. <br> $m$ Including bath houses and bathing pools and beaches. <br> $n$ Included in land and buildings for city hall. |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |

Table XXIV.-ASSETS (2).

| Parks. |  |  | Jails. |  |  | Workhouses, reformatories, etc. |  |  | Mar- <br> ginal <br> num- <br> ber. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Land and buildings. | Apparatus, etc. | Total, | $\begin{array}{\|c\|} \hline \text { Land and } \\ \text { build- } \\ \text { ings. } \end{array}$ | Apparatus, etc. | Total. | $\begin{gathered} \text { Land and } \\ \text { build- } \\ \text { ings. } \end{gathered}$ | Apparatus, etc. | Total. |  |
| \$306,035,025 | \$437, 865 | \$306, 472,890 | \$5,998,500 | \$20,000 | \$6,018,500 | \$3,738,900 | \$130,000 | 88,868,900 | 1 |
| 62,000,000 | 1,863,030 | 63, 863, 030 | (a) | (a) | (a) | 908, 000 | 49,653 | 957,653 | 2 |
| c26, 751, 144 | c654,000 | c27,405, 144 | 1,690,368 | 225, 258 | 1,915,626 | 800,000 | 186,516 | 936,516 | 3 |
| 8,152,086 | 6,497 | 8,158,583 | 582,000 | 3,500 | 585,500 | 368,420 | 7,408 | 375,828 | 4 |
| (d) | ${ }^{(d)}$ | 53, 275,000 | (d) | (d) | 1, 380, 000 | (d) | (d) | 1,006,000 | 5 |
| 21,968, 000 | 185,000 | 22, 153,000 | 150,000 | 10,000 | 160,000 |  |  |  | 6 |
| 7,916,884 | 20,000 | 7,986,884 |  |  |  | 318, 079 | 22, 204 | 340,283 | 7 |
| 3, 817, 312 | 12,000 | 3,829,312 |  |  |  |  |  |  | 8 |
| $(d)$ $1,019,570$ | (d) 1,500 | $13,000,000$ $1,021,070$ | (d) | (d) | (e) |  |  |  | 10 |
| 1,019,570 | 1,500 | 1,021,070 | (a) | (a) | (a) | 877, 000 | 24,000 | 901,000 | 10 |
| 3,658,000 | 50,000 | 3,708, 000 | 243,000 | 150,000 | 393,000 | 43,500 | 5,000 | 48,500 | 12 |
| 6,233,622 | 65,000 | 6,298,622 |  |  |  | 175,000 | 70,000 | 245,000 | 13 |
| 2,619,219 | 10,000 | 2,629, 219 | (a) | (a) | (a) |  |  |  | 14 |
| 311,800 $5,073,234$ | 500 | 311,800 $5,073,734$ | (j) | (j) | (J) | 364,374 150,000 | 8,000 35,500 | 372,374 185,500 | 15 |
| 518,500 | 935 | 519, 435 |  |  |  |  |  |  | 17 |
| 1, 058,600 | 20,000 | 1,078, 600 |  |  |  | 550, 000 | 25,000 | 575,000 | 18 |
| 4,571, 188 | 21,550 | 4,592, 738 |  |  |  | 186,955 | ( c) | $l 186,955$ | 19 |
| 1,578,857 | 36, 209 | 1,615, 066 |  |  |  |  |  |  | 20 |
| 1,058,000 | 1,000 | 1,059,000 |  |  |  |  |  |  | 21 |
| m 4,300,000 | m 5,000 | m 4, 305,000 671,000 | (n) | (o) | (p) | 75,000 (d) | 3,000 $(d)$ | $\begin{gathered} 78,000 \\ (9) \end{gathered}$ | 22 |
| 503,800 | 6,000 | 509, 800 | (a) | (a) | (a) |  |  |  | 24 |
| c2, 559,500 | c8,000 | c $2,567,500$ | ( ${ }^{\text {a }}$ | (a) | (a) |  |  |  | 25 |
| 2,288,313 | 4,000 | 2,292,313 | (a) | (a) | (a) | 30,000 | 5,000 | 35,000 | 26 |
| 2,350, 684 | 3,000 | 2, 353, 684 |  |  |  |  |  |  | 27 |
| 331,500 | 1,700 | 333, 200 |  |  |  | 74,781 | 7,076 | 81,857 | 28 |
| 812,000 | 66,000 | 878,000 | (a) | (a) | (a) |  |  |  | 29 |
| 1,575,300 | 12,410 | 1,587,710 | (e) | (e) | (e) |  |  |  | 30 |
| 451,000 | 23,000 | 474,000 |  |  |  |  |  |  | 31 |
| 266,000 | 1,500 | 267, 500 | 10,000 | 50 | 10,050 |  |  |  | 32 |
| (d) | (d) | 474,500 | 40,000 | (o) | $l$ 40, 000 |  |  |  | 33 |
| 160,000 | 1,000 | 161,000 | ${ }^{(u)}$ | ( ${ }^{\text {a }}$ ) | $\left({ }^{( }\right)$ | v9,500 | $v 500$ | $v 10,000$ | 34 |
| (d) 750,000 | (d) 00 | 2,086,492 | $\left(\begin{array}{l}\text { a } \\ \text { a }\end{array}\right.$ | (a) | (a) |  |  |  | 35 |
| 750,000 | 1,000 | 751,000 | (a) | (a) | (a) |  |  |  | 36 |
| 900,000 | 1,000 | 901,000 | (a) | (a) | (a) |  |  |  | 37 |
| 200, 000 | 10,000 | 210,000 | 11,000 | (o) | l11,000 |  |  |  | 38 |
| 506, 300 | 1,200 | 507, 500 | (e) | (e) | (e) |  |  |  | 39 40 |
| 1,269,446 | 11, 133 | 1,280, 579 |  |  |  |  |  |  | 40 |
| 3,828,905 | 3,500 | 3,832,405 |  |  |  |  |  |  | 41 |
| 727,000 | 5,000 | 732,000 | (a) | (a) | (a) |  |  |  | 42 |
| 1,050,000 | 20,000 | 1,070, 000 |  |  |  | 100,000 | 32, 600 | 132,500 | 43 |
| 343,294 639,600 | 7,416 1,000 | 350,710 640,600 |  |  |  |  |  |  | 44 |
| 639, ${ }_{\text {(d) }}$ | (d) ${ }^{\text {1,000 }}$ | 640,600 862,40 10,000 | ( ${ }_{\text {d }}$ ) | (d) | (p) 5,000 |  |  |  | 45 46 |
| 10,000 |  | 10,000 | (v.) | (y) | (y) | 27,000 | 200 | 27,200 | 47 |
| 482, 556 | 10,670 | 493,226 | (n) | (a) | (p) |  |  |  | 48 |
| 480, 485 | 8,159 | 488, 644 | (a) | (a) | (a) |  |  |  | 49 |
| ${ }^{(d)}$ | (d) | 500,000 |  |  |  |  |  |  | 50 |
| $\begin{array}{r} m 515,056 \\ b b 95,000 \end{array}$ | 1,000 | $m 516,056$ | ( ${ }^{\text {a }}$ ) |  | (p) |  |  |  | 51 52 |
| bb 95,000 195,000 |  | bb 95,000 | (e) | (e) | (e) |  |  |  | 52 58 |
| 195,000 | 6,000 | 201, 000 | (a) | (a) | (a) |  |  |  | 53 |
| 451, 856 334,500 | 2,000 23,828 | 453,856 358,328 | (a) | (a) | $(\boldsymbol{a})$ |  |  |  | 54 55 |

oIncluded in apparatus, etc., for police departmen'
$p$ Included in city hall and police department.
$q$ Included in hospitals.
$r$ Included in land and buildings for schools.
s Land for site only.
$t$ Land for site, and books, apparatus, etc.
u Included in workhouses, reformatories, ete.
$v$ Including jails.
$v$ Land for site only; library now located in city hall.
$x$ Land for site, and books, apparatus, etc.; library now located in city hall.
$y$ Included in land and buildings for fire department.
$z$ Buildings only; land included in land and buildings for parks.
aa Not including land.
bb Including land for library.
9398-No. 42-02-11

Table XXIV.-ASSETS (3).

| $\begin{gathered} \text { Mar- } \\ \text { ginal } \\ \text { num- } \\ \text { ber. } \end{gathered}$ | Cities. | Hospitals. |  |  | Asylums, almshouses, etc. |  |  | Docks and wharves. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Land buildings. | Apparatus, etc. | Total. | Land and buildings. | Apparatus, etc. | Total. |  |
| 1 | New York, | 9,308,000 | \$585,000 | \$9,888,000 | \$4,205,025 | \$155,000 | \$4,360,025 | \$64,531,688 |
| 2 | Chicago, Ill | 188,018 | 16,067 | 1204,085 |  |  |  | 25, 247 |
| 3 4 | Philadelphia | 1, 270,000 | 180,000 47 | 1, 450, 000 | 1, 883,000 | 192,200 23,140 | 2, $\begin{array}{r}\text { 4136, } 200 \\ 4140\end{array}$ | 953,000 253,041 |
| 5 | Boston, Mas | 199,487 $(a)$ | (a) ${ }_{\text {a }}$ | 246,605 | 390,000 | ${ }_{(a)}^{23,140}$ | 1,413, 140 | 253,041 |
| 6 | Baltimore, M |  |  |  | 200, 000 | 25,000 | 225, 000 | 600,000 |
| 7 | Cleveland, 0 | 181,067 | 20,035 | 201,102 | 481,275 | 19,457 | 500, 732 | 447,500 |
| 8 | Buffalo, N. Y . | 31, 165 |  | 31, 165 |  |  |  |  |
| 9 | San Francisco, | (a) | (a) | ${ }_{1,25}{ }^{(1)} 400$ |  |  |  |  |
| 10 | Cincinnati, on | 1,210,000 | 48,400 | 1,258,400 | 350,000 | 80,000 | $430,000$ | 552,087 |
| 11 | Pittsburg, Pa. | 78,500 | 7,500 | 86,000 | 622,123 | 74,500 | 696, 623 | 1,500,000 |
| 12 | New Orleans, Detroit, Mich. |  |  | 30,000 | 85,000 | 5,000 | 90,000 | 1, 750,000 |
| 14 | Milwaukee, Wis | 88, 360 | 5,000 | 93,360 |  |  |  | (e) ${ }^{\text {d }}$ |
| 15 | Washington, D . | 311, 942 | 20, 363 | 332,305 | 19356,305 | g10,306 | g 367, 161 |  |
| 16 | Newark, N. J | 300,000 | 80,000 | 380,000 | 150,000 | 25,000 | 176,000 | 50,000 |
| 17 | Jersey City, $N$ | 50,300 2700 | 5,000 | 55,300 295,000 |  |  |  | 100,000 |
| 18 | Loulsville, Ky. | 270,000 279,235 | ${ }_{\text {(i) }}^{25} 000$ | j279,000 ${ }^{\text {235 }}$ | 110,000 | 20,000 | 130,000 | 500,000 |
| 20 | Providence, R . I |  |  |  | 373,994 | 15, 1000 | 388,994 | 7,503 |
| 21 | Indianapolis, Ind | 152,500 | 28,700 | 181,200 |  |  |  |  |
| 22 | Kansas City, M <br> St. Paul, Minn | (a) ${ }_{\text {56, }}$ | (a) 11,00 | 67,000 $m 188,000$ | (a) | (a) |  |  |
| 24 | Rochester, N. Y |  | 1,500 | 1,500 |  |  |  |  |
| 25 | Denver, Colo | 27,000 | b,000 | 32,000 |  |  |  |  |
| 27 | Allegheny, | 5,000 | 2,000 | 7,000 | $416, \ldots 92$ | 36,000 |  | 00 |
| 28 | Columbus, Ohic |  |  |  |  |  |  |  |
| 29 | Worcester, Mas | 462,075 | 29,550 | 491,625 | 129, 410 | 40,032 | 169,442 |  |
| 30 | Syracuse, N. Y | 35,000 | 700 | 35,700 |  |  |  |  |
| 31 32 | New. Haven, Co Paterson, N.J. | 27,000 | 1,000 | 28,000 | 243,918 147,000 | 32,862 10,500 | $\begin{aligned} & 276,775 \\ & 157.500 \end{aligned}$ | 18,000 |
| 38 | Fall River, Mas | 70, 000 | 7,161 | 77, 161 | 46,500 | 8,541 | 55,041 | 33,000 ${ }^{\circ}$ |
| 34 | St. Joseph. Mo | 5,000 | 500 | 5,500 |  |  |  |  |
| 35 | Omaha, Nebr. | 13, 500 | 1,600 | 15,000 |  |  |  |  |
| 36 37 | Los Angeles, | (a) 100,000 | ${ }_{7,511}$ | 1,200 107,511 |  |  |  | 000,000 |
| 38 | Scranton, Pa |  |  |  |  |  |  |  |
| 39 | Lowell, Mass |  |  |  | 200,000 | 27,962 | 227,962 |  |
| 40 | Albany, N. Y | ${ }_{r 10,000}^{(a)}$ | (a) | [ 500 | $q 140,000$ 40,000 |  | $q 140,000$ 59 | 37,625 |
| 42 | Portland, Oreg | r 10,000 2,500 | (a) | 10,000 2,500 |  | 19, |  |  |
| 43 | Atlanta, Ga. | 100,000 | 10,000 | 110, 000 |  |  |  |  |
| 44 | Grand Rapids, M | 12,000 | 500 | 12,500 |  |  |  |  |
| 45 | Dayton, ohio | 45,000 | 500 | 45,500 | 10,000 | 1,500 | 11,500 |  |
| 46 | Richmond, Va | 43, 000 | 20,500 | 45,500. | 37,500 | 2,500 | 40,000 |  |
| 48 | Nashville, Tenn Seattle, Wash.. | 60,000 3,000 | 20,000 | 80,000 3,000 |  |  |  | 20,000 8,250 |
| 49 | Hartford, Conn | (u) | (u) | (u) | v127,090 | v16,000 | $v 143,000$ | 2,500 |
| 50 51 | Reading, Pa, |  |  |  |  |  |  |  |
| 52 | Camden, N | 10,000 | 2,699 | 12,699 |  |  |  |  |
| 53 | Trenton, N.J | 4,000 | 300 | 4,300 | 35,000 | 5,000 | 40,000 |  |
| $\begin{aligned} & 54 \\ & 55 \end{aligned}$ | Bridgeport, Con | 8,500 6,000 | 2,000 1,500 | 10,500 7 7 | 90,300 119,825 | 10,249 | 100, 549 | 5,000 |

[^19]$b$ Including cash in county treasury
c Not including apparatus, etc., for city hall, not reported.
d Included in city hall.
$e$ Included in ferries and bridges.
$f$ Including docks and wharves.
gIncluding jails.
$h$ Distributing system only.
$i$ Included in other assets.
$j$ Not including apparatus, etc.
$k$ Including apparatus, etc., for city hall, police and fire departments, schools, libraries, workhouses, reformatories, etc., and hospitals.

Table XXIV.-ASSETS (3).


## $l$ Included in parks.

in Including workhouses, reformatories, etc., and asylums, almshouses, etc.
$n$ Included in hospitals.
o Including apparatus, etc.i for city hall
$p$ Included in land and buildings for city hall.
$g$ Land only; buildings owned and almshouse controlled by county.
Land only.
$s$ Land only; not including apparatus, etc., not reported.
$t$ Not including apparatus, etc., for hospitals, not reported.
$u$ Included in asylums, almshouses, etc.
$v$ Including hospitals.
$\omega$ Including markets.
$x$ Included in land and buildings for parks.

Table XXIV.-ASSETS (1)-Continued.

| Mar- <br> gingl <br> num. <br> ber. | Cities. | Cash in treasury. | Uncollected taxes. | Cash and bonds in sinking fund. | Trust funds. | City hall. |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  | Land and buildings. | Apparatus, etc. | Total. |
| 56 | Oakland, C | \$71,538 | \$19,450 |  |  | (a) | (a) | \$500,000 |
| 57 | Lawrence, Mas | 25, 764 | 256,814 | \$401, 290 | \$8,637 | \$111, 277 | \$4,000 | 115,277 |
| 58 | New Bedford, Mass. | 67,399 | 94,034 | 925, 653 | 117,100 | 141, 466 | 1,500 | 142,966 |
| 59 | Des Moines, Iowa. . | 312, 698 | 318, 452 | 73,438 |  | e 65,000 | 5,000 | e 70,000 |
| 60 | Springfield, Mass | 346, 243 | 196, 426 | 711,083 |  | 118,000 | 13,789 | 131,789 |
| 61 | Somerville, Mass | 24, 334 | 342, 008 |  | 5,000 | 62,250 | 10,000 | 72,250 |
| 62 | Troy, N. Y ..... | 3,453 | 39, 734 | 25,416 | 38,500 | 300,000 | 50,000 | 350,000 |
| 63 | Hoboken, N | 97,618 | 75, 000 | 97,984 |  | e 110,000 | 16,000 | e 126,000 |
| 64 | Evansville, Ind | 42,604 | 118,078 | 53, 975 |  | 50,000 | 10,000 | 60,000 |
| 65 | Manchester, N. | 151, 919 | 67,524 | 350,899 |  | 170,000 | 4,149 | 174,149 |
| 66 | Utica, N. Y . | 83,923 | 81,618 |  |  | 128,000 | 30,000 | 158,000 |
| 67 | Peoria, Ill | 73,878 |  | 195,000 |  | g229,500 | $f 30,000$ | h 259, 500 |
| 68 | Charleston, S. ${ }^{\text {C }}$ | 43,622 | 10,579 | 950 |  | 50,000 | 10,000 | 60,000 |
| 69 | Savannah, Ga .- | 5,318 | 9,597 |  |  | 40,000 | 2,000 | 42,000 |
| 70 | Salt Lake City, Ut | 231, 713 | 29,253 | 350 |  | k 565, 127 | 50,000 | k 615,127 |
| 71 | San Antonio, Tex. | 267, 953 | 1,214, 750 | 91, 775 |  | g 210,000 | f7,641 | h 217, 641 |
| 72 | Duluth, Minn | 244, 410 | 152, 645 | 138,629 |  | $l 100,000$ | 8,911 | $l 108,911$ |
| 73 | Erie, Pa | 69,159 | 28, 450 | 234,425 |  | $m 125,000$ | 7,597 | $m 132,597$ |
| 74 | Elizabeth, N.J | 101, 306 | 139,523 | 477 |  | -45,000 | f5,000 | $p 50,000$ |
| 75 | Wilkesbarre, Pa | 57,331 | 11,813 | 15,689 |  | $l 130,000$ | 11,800 | $i 141,800$ |
| 76 | Kansas City, Kan | 237, 555 | 475,000 |  |  | 20,000 | 2,000 | 22,000 |
| 77 | Harrisburg, Pa | 137, 338 | 27,400 | 149,366 |  |  | 6,000 | 6,000 |
| 78 | Portland, Me | 123, 452 | 219, 113 | 1,414, 878 | 113,547 | $l 200,000$ | 5,000 | $l 205,000$ |
| 79 | Yonkers, N. Y | 105, 777 | 731, 112 | -361, 498 |  | 125,000 | 15,000 | 140,000 |
| 80 | Norfolk, Va. | 246,616 | 124, 111 | 443, 670 |  | (q) 170 | ( ${ }^{(2)} 0000$ | (q) 000 |
| 81 | Waterbury, Con | 180, 616 | 76,929 | 74, 877 |  | 170,000 | 5,000 | 175,000 |
| 82 | Holyoke, Mass.. | 42,654 | 156,443 | 630,571 |  | r454,000 | $r 12,000$ | $r$ 466,000 |
| 83 | Fort Wayne, Ind | 199,025 | 36,261 | 18,738 |  | $r 90,000$ | $r 5,000$ | $r 95,000$ |
| 84 | Youngstown, Ohio | 308,081 | 12,000 | 11,509 |  |  | 5,000 | 5,000 |
| 85 | Houston, Tex | 358, 063 | 350, 000 |  |  | ${ }^{8} 400,000$ | 15,000 | $t 415,000$ |
| 86 | Covington, K | 150,602 | 342, 196 | 14,374 |  | 256,500 | 14,500 | 271,000 |
| 87 | Akron, Ohio | 45,497 | 10,000 | 80, 816 |  | 14,500 | 5,000 | 19,500 |
| 88 | Dallas, Tex | 37, 818 | 243,418 | 200, 523 |  | 109,600 | 6,119 | 115,719 |
| 89 | Saginaw, Mich | 68, 054 | 257, 101 | 65, 832 |  | 170,000 | 10,000 | 180,000 |
| 90 | Lancaster, Pa . | 48,199 | 13,285 | 565,000 | 1,720 | 30,000 | 1,500 | 31,500 |
| 91 | Lincoln, Nebr | 122,816 | 606, 454 | 49,407 |  | g 40,000 | $f 5,000$ | h 45,000 |
| 92 | Brockton, Mass | 73,440 | 282,190 | 360,696 |  | tw 352, 000 | f 15,000 | $x 367,000$ |
| 93 | Binghamton, N . | 159,641 | 7,080 | 50,000 |  | b 175,000 | b 12,000 | $b 187,000$ |
| 94 | Augusta, Ga | 19,400 | 16,744 |  |  | l10,000 | 6,000 | $l 16,000$ |
| 95 | Pawtucket, R. | 2,813 | 24, 466 | 666,022 | 19,156 | 31,165 | 21,609 | 52,774 |
| 97 | Altoona, Pa. | 41,466 | 85, 674 | 116,153 |  | h 101, 100 | 4,800 | h 105,900 |
| 97 | Wheeling, W | 56,198 | 39,058 |  |  | 95,000 | 5,000 | 100,000 |
| 98 | Mobile, Ala. | 39, 856 | 37,500 |  |  | (z) | 2,690 | 52,690 |
| 99 100 | Birmingham, Ala | 148,243 | 3,014 |  |  | aa 225, 000 | bb 4, 000 | co 229,000 |
| 100 | Little Rock, Ark | 12,659 | 19,002 | 25, 294 |  | h25,000 | 2,000 | h27,000 |
| 101 | Springfield, Ohi | 104,987 | 11,143 |  |  | add 225,000 | 15,000 | dd 240, 000 |
| 102 | Galveston, Tex | 413,890 | 430, 693 | 1, 111, 703 |  | ee 100, 000 | bb 1,500 | ff 101, 500 |
| 103 | Tacomá, Wash. | 162,872 | 368, 756 | 44, 239 |  | g 345, 421 | $f 4,559$ | h 349,980 |
| 104 | Haverhill, Mass | 35,890 | 184,830 | 474, 553 | 51, 730 | gG 110,000 | $f 6,000$ | hh 116,000 |
| 105 | Spokane, Wash | 151, 843 | 510, 164 |  |  | ti 124, 000 | 2,364 | it 126, 364 |
| 106 | Terre Haute, Ind | 124, 677 | 58, 198 | 32,701 |  | 132,500 | 5,000 | $l 37,500$ |
| 107 | Dubuque, Iowa. | 59,705 | 93,512 | 32,536 |  | d35,000 | d6,500 | - 241,500 |
| 108 | Quincy, Ill. | 51, 888 | 79, 235 | 121,799 |  | h 100,000 | 5,000 | h 105,000 |
| 109 | South Bend, In | 130,506 | 13,963 | 44, 829 |  | $11.15,000$ | 2,000 | mm17,000 |
| 110 | Salem, Mass. | 2,303 | 185,991 | 296, 172 | 164,532 | d85,000 | $d 9,000$ | d 94, 000 |

## a Not reported.

bIncluding police department and jails.
$c$ Included in city hall.
$\alpha$ Including jails.
$e$ Including land and buildings for jails.
$f$ Including apparatus, etc., for jails.
$g$ Including land and buildings for police department and jails.
h Including jails and land and buildings for police department.
$i$ Included in land and buildings for city hall.
$j$ Not including land and buildings.
k Including land and buildings for library.
$i$ Including land and buildings for police department.
$m$ Including land and buildings for police department and headquarters for fire department.
$n$ Not including headquarters, included in land and buildings for city hall.
o Including markets and land and buildings for police department and jails.
$p$ Including jails, markets, and land and buildings for police department.
$q$ Included in other assets.
$r$ Including police department.
$s$ Land only, building destroyed by fire; including land for markets.

Table XXIV.—AsSETS (1)-Continued.

| Police department. |  |  | Fire department. |  |  | Schools. |  |  | $\begin{aligned} & \text { Mar- } \\ & \text { ginal } \\ & \text { num- } \\ & \text { ber- } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{aligned} & \text { Land } \\ & \text { and } \\ & \text { bing. } \\ & \text { ing. } \end{aligned}$ | Apparatus, etc. | Total. | Land and buildings. | Apparatus, etc. | Total. | Land and build. ings. | Apparatus, etc. | Total. |  |
| $(a)$ | (a) |  | \$54 | \$77,820 | \$132,720 | $\$ 923,250$ | $\$ 46,100$ | \$969, 350 | 56 |
| $a \$$ | $1{ }^{1} 1034$ | d | 141, 965 | 88, 050 | 227, 015 | 1,042,109 | 77,000 | 1,119, 109 | 8 |
| 21,000 | f5,000 | $f 26,000$ | 150, 144 | 70, 990 | 220, 734 | ,997, 150 | 51,563 | 1,048, 713 | 59 |
| 78,600 | 15, 952 | 94,552 | 189, 543 | 140,596 | 330, 139 | 1,798, 118 | 158, 490 | 1,956,608 | 60 |
| 54,000. | 3,000 | 57,000 | 154,000 | 82,549 | 236, 549 | 1,186, 261 | 105, 101 | 1,291, 362 | ${ }^{61}$ |
| 80,000 | 2,400 | 82,400 | 260,000 | 104,400 | 364, 400 | 813, 300 | 43,033 | 856, 333 | 62 |
| 25,000 | 3,350 | 28,350 | 81,000 | 51,970 | 132, 970 | 376,500 | 75,000. | 451, 500 | ${ }^{63}$ |
| d 30,000 | d 4,000 | d34,000 | 80,000 | 85, 150 | 165, 150 | 712, 000 | 50,000 | 762,000 | 64 |
| 68,500 | 7,250 | 75,750 | 145, 548 | 104, 092 | 249, 640 | 740, 056 | 37, 049 | 777, 105 |  |
| 30, 000 | 10,000 | 40,000 | 61,700 | 96,411 | 175, 111 | 642,590 876,000 | $\begin{array}{r}41,574 \\ \hline 88,500\end{array}$ | 684,164 904,500 | 67 |
| (i) 50 | 3,000 10,000 | 33,000 60,000 | 106,000 46,900 | 64,600 | 170,600 134,185 | 876,000 | 28,500 | 904,500 | 67 |
| 50,000 | 15,000 | 65, 0 | 50, 000 | 123,595 | 173, 595 |  |  |  |  |
| d 22,000 | d 734 | d 22,734 | 55,768 | 26, 672 | 82,430 | 1,059, 896 | 57, | 1,117,602 | 70 |
| (i) | 1.363 |  | r 412,050 | 54,074 106,500 | 95,124 246,200 | 316,018 $1,804,081$ | 15, 672 | 1,831, 190 | 71 |
| (i) | 7,639 | - 71,639 | $n 57,950$ | 82,377 | $n 140,327$ | 873, 200 | 81, 780 | 1,954, 980 | 73 |
| (i) | 1,500 | ${ }^{51,500}$ | 49,500 | 51,000 | 100, 500 | 320,000 | 35,000 | 355, 000 | 74 |
| ab, 000 | 5, 15 | ${ }^{j} 56,118$ | 73,470 31,000 | 65, 710 | 139,180 59,183 | 550,000 | 40,000 | ${ }^{595}$,000 | 75 76 |
|  | 15,000 | 15 | 40,0 | 28,000 | 68,000 | 776, 98 | 42, 468 | 819, 456 | 77 |
| (i) | 1,000 | j1,000 | 60, 500 | 119,650 | 180, 150 | 596, 110 | 40,546 | 636, 656 |  |
| d 120,000 | d13,500 | d 133,500 | 155,000 | 85,000 | 240,000 | 891,848 | 105, 000 | 996, 848 | 79 |
| (q) | (q) <br> 7 | (a) | (\%) | ( ${ }_{47}$ | (9) | (q) 780,292 | ${ }_{(10}{ }_{40}, 558$ | (q) 820,850 |  |
| (c) | (c) | (c) | 115, 260 | 68,14 | 183, 408 | 876, | 78, |  |  |
| (c) | (c) | (c) | 65, 470 | 61,400 | 126,870 | 431,250 | 34, 100 | 465, 350 |  |
| d 8,600 | d10,000 | ${ }^{\text {d }} 18,600$ | 39, | 35, | 74,7 | 699, 892 |  |  |  |
| (a) | - ${ }_{\text {a }}$ ) | ${ }^{1} \times 126$ | 50 | 40, | 127,35 90,000 | (a) | 12,000 | 222, 500 |  |
|  | 4,000 | 4,000 | 107,500 | 38,100 | 145, 60 | 820,000 | 30,000 | , 000 |  |
| d 14,900 | d1,233 | d16, 133 | 57,446 | 34,232 | 91,678 | 331,708 | 22, 887 | 554 |  |
| a15,000 | d $4,0{ }^{7} 3$ | d 19,078 | 48,500 | 37, 205 | 85, 705 | $v 610,950$ | $v 94,614$ | $v 705,564$ |  |
| 10, | 8,000 | 18,500 | (a) | (a) | 73,924 | 490,792 | 75, 000 | 666, 792 |  |
| (i) | 1,500 | 31,600 | 35, 500 | 32, 2687 | 67, 767 | ${ }_{499} \mathbf{4 2 6 , 8 7 6}$ | 46,147 | 473,023 |  |
| (c) | (c) |  | 54,150 71,790 | 60,7 40,00 | 111,790 | $\boldsymbol{y 4 4 2 , 8 7 4}$ | 18,000 | ¢ 480, 874 |  |
| (i) | 2,000 | 32,000 | 42, 569 | 41, 123 | 83,692 |  |  |  |  |
| 36, 100 | 11,076 | 47,176 | 91, 312 | 66, 319 | 157, 631 | 573,647 | 38,870 | 612,517 |  |
| (i) | 6,600 | j6,660 | 46,9 | 39, 5 | 86, 576 | 509,100 | 32,000 | 541, 100 |  |
| 1,000 $+25,000$ | a $\begin{array}{r}1,600 \\ \hline 1000\end{array}$ | 2,500 $\alpha 27,400$ | 26,00 | 72, 250 | $\begin{array}{r} 122,500 \\ 36,250 \end{array}$ | 786,909 | 15,000 | 801,909 |  |
| (c) | (c) | (c) | 50,000 | 55, 878 | 105,878 | -302,000 | v16,500 | -318,500 | ${ }^{99}$ |
| (i) | 2, 000 | j2,000 | 5,5 | 24,500 | 30, | 333,242 | 29, 237 | 362,479 | 100 |
| $\underset{(c)}{\text { a }}$ (1,20 | $\alpha 5,800$ | a 7,000 | 66,00 | 40,25 | 100, 250 | 375,000 | 15, | 390,000 | 101 |
| (i) | 6,000 | 36,000 | 85,663 | 88,874 | 174, 537 | 834, 192 | E8, 144 | 892, 336 | 103 |
| n2,300 | 5,200 | $n 7,550$ | 78,300 | 58,925 | 137, 275 | 546, 350 | 31, 057 | 577,407 | 104 |
| (i) | f17, 320 | jj 17, 320 | kk 28,100 | 50, 973 | kk 79, 078 | 690, 070 | 48,676 | 738, 746 | 105 |
|  | 2,50 | 32,500 4,500 | 57 59, | 35 | ${ }^{92}$ | 488, 7007 | 10,405 | 499, 112 | 106 |
| (i) | 1,000 | j1,000 | 40, 000 | 32,500 | 72,500 | 340,000 | 15,000 | 355,000 | 108 |
|  | 9,266 | 11, 244 ( | 25, 380 | 38, 605 | 63,992 | 405, 000 | 88,750 | 443, 750 | 110 |
| 10,000 | 1,244 | 11,244 | 81,700 | 46,283 | 127, 983 | 494,000 | 46,000 | 540,000 | 110 |

$t$ Not including buildings destroyed by fire, but including land for markets.
u Including jails and workhouses, reformatories, ete.
$v$ Including libraries.
${ }_{w}$ Including land and buildings for libraries and jails.
$x$ Including jails and land and buildings for libraries.
$y$ Including land and buildings for libraries.
$z$ Included in markets.
aa Including land and buildings for police department and land for jails.
$b b$ Including apparatus, etc., for police department.
co Including police department and land for jails.
$d d$ Including markets.
$e e$ Including markets and land and buildings for police department.
ff Including police department and markets.
go Including police headquarters and land and buildings for jails.
$h h$ Including jails and police beadquarters.
ifncluding 1 fre station and land and buildings for police department, libraries, and jails.
$j j$ Including apparatus, etc., for jails, but not including land and buildings included in city hall.
kk Not including 1 fre station, included in land and buildings for city hall.
4 Land only.
$m m$ Not including buildings.

Table XXIV.-ASSETS (2)-Continued.

| Mar- <br> ginal <br> num- <br> ber. | Cities. | Libraries. |  |  | Art galleries, museums, etc. |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Land and buildings. | Books, apparatus, etc. | Total. | Land and buildings. | Apparatus, etc. | Total. |
| 56 | Oakland, Cal | \$75, 000 | \$40,000 | \$115,000 |  |  |  |
| 57 | Lawrence, Mass |  | 40,891 | 40,891 |  |  |  |
| 58 | New Bedford, Mass | 131,839 | 61,497 | 193, 336 |  |  |  |
| 59 | Des Moines, Iowa. . | 198,000 | 54,000 | 252, 000 |  |  |  |
| 60 | Springfield, Mass. |  |  |  |  |  |  |
| 61 | Somerville, Mass | 42,000 | 25,000 | 67,000 |  |  |  |
| 63 | Troy, N. Y . ${ }^{\text {H. }}$ J | 75,000 | 50,000 | 125,000 |  |  |  |
| 64 | Evansville, Ind. |  |  |  |  |  |  |
| 65 | Manchester, N. H | 65,000 | 30,000 | 95,000 |  |  |  |
| 66 | Utica, N. Y | 50,000 | 42,000 | 92, 000 |  |  |  |
| 67 | Peoria, Ill .... | 86,000 | 115,000 | 201, 000 |  |  |  |
| 68 | Charleston, S. |  |  |  |  |  |  |
| 79 | Savannan, Git....̈ | (d) | 25,500 | h 25,500 |  |  |  |
| 71 | San Antonio, Tex.. |  |  |  |  |  |  |
| 72 | Duluth, Minn ... | 94,000 | 50, 452 | 144,452 |  |  |  |
| 73 | Erie, Pa....... | i141,500 | i32,378 | i173,878 | (j) | (j) | (j) |
| 74 | Wlizabeth, N.J. |  |  |  |  |  |  |
| 75 | Wilkesbarre, Pa . |  |  |  |  |  |  |
| 76 | Kansas City, Kans. |  |  |  |  |  |  |
| 77 | Harrisburg, Pa |  |  |  |  |  |  |
| 78 | Portland, Me | 91,000 | 26,413 | $117,413$ |  |  |  |
| 79 | Yonkers, N. Y Norfolk, Va | (k) | 20,000 | $h 20,000$ |  |  |  |
| 81 | Waterbury, Conn |  |  |  |  |  |  |
| 82 | Holyoke, Mass. |  |  |  |  |  |  |
| 83 | Fort Wayne, Ind. | 14,000 | 15,000 | 29,000 | .... |  |  |
| 84 | Youngstown, Ohio |  |  |  |  |  |  |
| 85 | Houston, Tex. |  |  |  |  |  |  |
| 86 | Covington, Ky |  |  |  |  |  |  |
| 87 | Akron, Ohio |  | 16,834 | 16,884 |  |  |  |
| 88 | Dallas, Tex | 60,000 | 6,500 | 66,500 |  |  |  |
| 89 90 | Saginaw, Mich | ( $n$ ) | (a) | ( ${ }^{\text {) }}$ | -.... |  |  |
| 91 | Lincoln, Nebr | 86,000 | 14,000 | 100,000 |  |  |  |
| 92 | Brockton, Mass | (d) | 26,470 | h26, 470 |  |  |  |
| 93 | Binghamton, N. Y | (o) | 17,000 | h17,000 |  |  |  |
| 94 | Augusta, Ga...... |  |  |  |  |  |  |
| 95 | Pawtucket, R. I |  | 30,458 | 30,458 |  |  |  |
| 96 | Altoona, Pa... |  |  |  |  |  |  |
| 97 | Wheeling, W. Va |  | 28,844 | 28,844 |  |  |  |
| 98 | Mobile, Ala. |  |  |  |  |  |  |
| 99 | Birmingham, Ala | (n) | (n) | (n) |  |  |  |
| 100 | Little Rock, Ark. |  |  |  |  |  |  |
| 101 | Springfield, Ohio | 100,000 | 27,725 $\mathbf{2}, 500$ | 127,725 2,500 | ....... |  |  |
| 103 | Tacoma, Wash. | 98,064 | 21,709 | r29,773 |  |  |  |
| 104 | Haverhill, Mass | 58, 600 | 36,631 | 95, 231 |  |  |  |
| 105 | Spokane, Wash | (d) | 8,922 | h8,922 |  |  |  |
| 106 | Terre Haute, Ind | 6,000 | 25,000 | 31,000 |  |  |  |
| 107 | Dubuque, Iowa. | s46,925 |  | s 46,925 |  |  |  |
| 108 | Quincy, Ill ... |  |  |  |  |  |  |
| 109 | South Bend, Ind | 43, 500 | 8,500 | 52,000 |  |  |  |
| 110 | Salem, Mass . | 44,750 | 45, 424 | 90, 174 |  |  |  |

$a$ Not reported.
$b$ Included in city hall.
cIncluded in police department
d Included in land and buildings for city hall.
elncluded in apparatus, etc., for police department.
$f$ Included in city hall and police department.
$g$ Not including apparatus, etc., not reported.
h Not including land and buildings.
iIncluding art galleries, museums, etc.

Table XXIV.-ASSETS (2)-Continued.

| Parks. |  |  | Jails. |  |  | Workhouses, reformatories, etc. |  |  | $\begin{aligned} & \text { Mar- } \\ & \text { Minal } \\ & \text { num- } \\ & \text { ber- } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Land and buildings. | Apparatus, etc. | Total. | $\begin{array}{\|c\|} \hline \text { Land and } \\ \text { buildd- } \\ \text { ings. } \end{array}$ | Apparatus, etc. | Total. | $\begin{aligned} & \text { Land and } \\ & \text { build- } \\ & \text { ings. } \end{aligned}$ | Apparatus, etc. | Total. |  |
| \$275,000 |  | \$275,000 | (a) | (a) | (b) |  |  |  | 56 |
| 529, 350 | \$221 | 529,571 | (c) | (c) | (c). |  |  |  | 57 |
| 186, 5411 | 8,100 6,269 | 194,641 |  |  |  |  |  |  | 58 59 |
| 613,279 | 39,897 | 653, 176 |  | (e) |  |  |  |  | 59 60 |
| 464,500 | (a) | g 464,500 |  |  |  |  |  |  | 61 |
| 214,000 |  | 214,000 |  |  |  |  |  |  | 62 |
| 410,000 | 700 | 410,700 | (d) |  | (d) |  |  |  | 63 |
| 146,000 659,700 | 1,000 354 | 147,000 660,054 | (c) | (c) | (c) | \$1,000 | \$50 | \$1,050 | 64 |
| 73,300 |  | 660,054 73,300 |  |  |  |  |  |  | $\stackrel{65}{66}$ |
| 605,000 | 60,000 | 605, 00 | (b) | (b) | (b) | 40,000 | 2,000 | 42,000 | 67 |
| 295,000 | 5,000 | 3000000 |  |  |  |  |  |  | 68 |
| 650,000 350,145 |  | 650,000 |  |  |  |  |  |  | 9 |
| 350,145 406,961 | 775 800 | 350,920 407,761 | (b) | (b) | (b) |  |  |  | 70 |
| 516,803 | 5,000 | 621, 803 |  |  |  |  |  |  | 72 |
| 200,000 | 1,580 | 201, 280 |  |  |  |  |  |  | 73 |
| 114,000 460,000 | 100 | 114,000 460,100 | \$15, ${ }^{(b)}$ | (b) 8600 | ${ }_{\text {815, }}\left(\frac{1}{600}\right.$ |  |  |  | 74 75 |
| 150,000 |  | 150,000 | (c) | (c) | (c) |  |  |  | 76 |
| 78,000 | ${ }^{800}$ | 78,800 |  |  |  |  |  |  | 77 |
| $\begin{array}{r}380,000 \\ \hline 180,000\end{array}$ | 1,500 500 | 351,500 1180,500 |  |  |  |  |  |  | 78 79 |
| (m) | ( $m$ ) | $\left(\begin{array}{l}\text { (m) } \\ \text { ) }\end{array}\right.$ | ( $n$ ) | (m) | (m) |  |  |  | 80 |
| 68, 000 | 2,000 | 76,000 158,830 |  |  |  |  |  |  | 81 |
| (a) ${ }^{(a)}$ | (a) 500 | 1117,830 |  |  |  |  |  |  | 82 |
| ${ }_{237,286}^{108,500}$ | 2,500 | 237, 786 | (c) | (c) | (c) |  |  |  | 88 |
| 60,000 | 1,500 | 61,500 | (c) | (c) | (c) |  |  |  | 85 |
|  |  |  | (a) | (a) | (c) | (a) | (a) | (c) | 86 |
| 33, 750 | 1990 | -34, 740 | (c) ${ }^{\text {a }}$ | (c) | (c) |  |  |  | 88 |
| (a) | (a) | 25,000 | (c) | (c) | (c) |  |  |  | 89 |
| 24,000 | 1,000 | 20,000 |  |  |  |  |  |  | 91 |
| 27, 400 | 500 1,350 | 27,900 | (b) | (b) | (b) |  |  |  | 92 |
| 27,500 20,000 | 1,350 1,000 | 28,850 21,000 | (b) | (b) | (b) |  |  |  | ${ }_{4}^{93}$ |
| 93,966 | 1,427 | 94, 393 |  |  |  |  |  |  | 5 |
| 75,000 |  |  | (d) | (d) | (d) |  |  |  | 96 |
| 500,000 | 250 | 500, 250 | (c) | (c) |  | 200 |  | 200 | 98 |
| 190,000 | 21,000 | 211,000 | p25,000 |  | p25,000 |  |  |  | 99 |
| 350,000 58,000 | 1,000 | 351,000 58,500 | $\xrightarrow[(c)]{(c)}$ | (c) | $\binom{$ d }{$(c)}$ d |  |  |  | 100 101 |
| 150,000 | 100 | 150, 100 |  |  |  |  |  |  | 102 |
| 368,000 | - 5006 | 368, 506 | (b) |  |  |  |  |  | 103 |
| 192, 300 | 2,500 | 194, 800 | (b) | $\stackrel{(b)}{(e)}$ | $\left(\begin{array}{l}\text { b } \\ \left.()^{\prime}\right)\end{array}\right.$ |  |  |  | 104 |
| 93,750 28,000 | 307 | $\begin{aligned} & 94,057 \\ & 28,000 \end{aligned}$ | (d) | (e) | (f) | ....... |  |  | 105 |
| 100,000 | 1,000 | 101,000 |  | (b) |  |  |  |  | 107 |
| 230,000 40,000 | 1,000 1,000 | 231,000 41,000 | (d) | (d) | (d) | 50,000 | 3,000 | 55,000 | 108 109 |
| 201,000 200 | 1,000 16,000 | 41,000 217,300 | (b) | (b) | (b) |  |  |  | 1109 |

Included in libraries.
$k$ Included in land and
$k$ Included in land and buildings for parks.
$i$ Including land and buildings for libraries.
$m$ Included in other assets.
$n$ Included in schools.
oIncluded in land and buildings for schools.
$p$ Buildings only; land included in land and buildings for city hall.
$q$ Land for site only; library now located in city hall.
$r$ Land for site, and books, apparatus, ete,; library located now in city bali
$s$ Building in process of construction.

TABLE XXIV.-ABSETS (3)-Continued.

| Mar- <br> ginal <br> number. | Cities. | Hospitals. |  |  | Asylums, almshouses, etc. |  |  | Docks and wharves. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Land and buildings. | Apparatus, etc. | Total. | Land and buildings. | Apparatus, etc. | Total. |  |
| 56 | Oakland, Cal |  |  |  |  |  |  | \$50,000 |
| 57 | Lawrence, Mass | \$17,000* | \$1, 000 | \$18,000 | \$122,574 | \$17,500 | $\$ 140,074$ |  |
| 58 59 | New Bedford, Mass | 2,500 | 1,850 | 4,350 | 98,000 | 10,170 | $108,170$ | 52,000 |
| 69 | Des Moines, Iowa. | 10,500 | 2,000 | 12,500 | 124, 470 | 18, 017 | 142,487 |  |
| 61 | Somerville, Mass | 10,00 | 2,00 | 12,500 | 44, 500 | 1,426 | 145,926 |  |
| 62 | Troy, N. Y ..... | 5,000 | 200 | 5,200 |  |  |  | 40,000 |
| 63 | Hoboken, N.J Evansville, Ind. |  |  |  |  |  |  |  |
| 64 | Evansville, Ind. | (f) | 1,098 | g1,098 | h 140,240 | 12, 545 | h 152,785 | 100,000 |
| 66 | Utica, N. Y ...... | 50, 000 | 18,000 | 68,000 |  |  |  |  |
| 67 | Peoria, Ill | 14,000 | 1,500 | 15,500 |  |  |  |  |
| 68 | Charleston, S. 0 | 107,534 | 7,466 | 115,000 | 200,000 | 9,444 | 209,444 |  |
| 69 | Savannah, Ga ... | 5,000 |  | 5,000 |  |  |  | 10,000 |
| 70 | Salt Lake City, Uta | 1,000 61,000 | 600 3.706 | 1,600 64 |  |  |  |  |
| 71 | San Antonio, Tex. | 61,000 | 3,706 | 64,706 |  |  |  |  |
| 72 | Duluth, Minn | 2,500 | 500 | 3, 000 |  |  |  | 5,000 5,000 |
| 74 | Elizabeth, $\mathrm{N} . \mathrm{J}$ | 5,500 | 500 | 6,000 | 15,000 | 3,000 | 18,000 | - |
| 75 | Wilkesbarre, Pa |  |  |  |  |  |  |  |
| 76 | Kansas City, Kans |  |  |  |  |  |  |  |
| 77 | Harrisburg, Pa | 6,500 | 1,500 | 8,000 |  |  |  |  |
| 78 | Portland, Me | 10,600 | 8, 405 | 14,005 | 30,000 | 24,500 | 54, 500 |  |
| 79 | Yonkers, N. Y | 44,500 | 1,500 | 46,000 |  |  |  | 223, 000 |
| 80 | Norfolk, Va. | (a) | (a) | (a) | (a) | (a) | (a) |  |
| 82 | Holyoke, Mass. | 5,700 | (l) | m 5,700 | 37,830 | n2,375 | n40,205 |  |
| 83 | Fort Wayne, Ind |  |  |  |  |  |  |  |
| 84 | Youngstown, Ohi | 1,200 | 250 | 1,450 |  |  |  |  |
| 85 | Houston, Tex. |  |  |  |  |  |  |  |
| 88 | Covington, Akron, Ohio | (c) 6,000 | (c) | 7,000 6,000 |  |  |  | 2,000 |
| 88 | Dallas, Tex ... | 20,346 | 9,401 | 29,747 |  |  |  |  |
| 89 | Saginaw, Mich | 500 | 200 | 700 |  |  |  | 5,000 |
| 90 | Lancaster, Pa |  |  |  |  |  |  |  |
| 91 | Lincoln, Nebr | 300 | 400 | 700 |  |  |  |  |
| 92 | Brockton, Mass - | (p) 0 | (p) ${ }^{\text {7 }}$ ( 000 | (p) | $q$ 25,475 | 43,375 | 9 28,850 |  |
| 93 | Binghamton, N. Y | 41,000 43,000 | 7,500 7,000 | 48,500 50,000 |  |  |  |  |
| 95 | Pawtucket, R.i. | 48,000 | 7,000 | 60,00 | 16,234 | 4,818 | 21,082 | 13,333 |
| 96 | Altoona, Pa.. |  |  |  |  |  |  |  |
| 97 | Wheeling W. Va | 2,000 | 300 | 2,900 |  |  |  | 15,000 |
| 98 | Mobile, Ala...... | 40,000 | 1,000 | 41,000 |  |  |  |  |
| 99 | Birmingham, Ala |  |  |  |  |  |  |  |
| 100 | Little Rock, Ark | 25,000 | 5,000 | 30,000 |  |  |  | 100,000 |
| 101 | Springfield, Ohio | 25,000 | 3,000 | 28,000 |  |  |  |  |
| 102 | Galveston, Tex |  |  |  |  |  |  |  |
| 108 | Tacoma, Wash. Haverhill, Mass | 1,500 |  | 1,500 |  |  |  | 32, 277 |
| 104 | Haverhill, Mass | 2,250 | 1,058 | 3,308 | 41,300 | 13,281 | 54,581 |  |
| 106 | Terre Haute, Ind |  |  |  |  |  |  |  |
| 107 | Dubuque, Iowa. |  |  |  |  |  |  | 50,000 |
| 108 | Quincy, Ill. |  |  |  |  |  |  | 230,000 |
| 109 | South Bend, Ind |  |  |  |  |  |  |  |
| 110 | Salem, Mass | (f) | 1,000 | g 1,000 | h 135,000 | 7,200 | h 142, 200 |  |

a Included in other assets.
$b$ Including ferries and bridges.
c Not reported.
$\boldsymbol{a}$ Not including ferries and bridges, not reported.
e Not including apparatus, etc., for parks, not reported.
$f$ Included in land and buildings for asylums, almhouses, etc.
0 Not including land and buildings.
h Including land and buildings for hospitals.
$i$ Included in city hall.
$j$ Not including other assets, not reported.

Table XXIV.-ASSETS (3)-Continued.

| Ferries and bridges. | Markets. | Cemeteries. | $\begin{gathered} \text { Bath } \\ \text { houses } \\ \text { and } \\ \text { bathing } \\ \text { pools } \\ \text { and } \\ \text { beaches. } \end{gathered}$ | Waterworks. | Gas works. | Electriclight plants. | Other. | Total | $\begin{array}{\|l\|l\|} \text { Mar- } \\ \text { ginal } \\ \text { num- } \\ \text { ber- } \end{array}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  | \$1,000 | \$2, 134,058 | 6 |
| \$300,000 |  | 848,064 | \$1,500 | \$1, 579,623 |  |  | 92,640 | 4,861, 959 | 57 |
| ${ }_{500}(\underline{\text { a }}$ |  | 194,077 | 1,600 | 2,517,058 |  |  | b119, 671 | 6,160, 589 | 58 |
| (c) 5000 |  | 60,000 | 1,938 |  |  |  | 52,837 | 3,382,310 | 69 |
|  |  |  | 2,000 |  |  |  | 220, 260 362,150 | a $6,802,624$ $e 3,753,769$ | 6 |
| 52,000 | \$40, 000 | 63,000 | 12,000 | 1,000, 000 |  |  |  | 3,186, 436 | 62 |
|  |  | 25,000 |  | 260, 000 |  |  | 8,700 | 1,846, 772 | 63 |
| 335, 986 | 20,000 | 200,000 261,040 |  | $2,000,000$ $1,524,999$ |  |  | 29,300 322,278 | 3,733,157 $5,200,226$ 1 | 64 |
| 65,000 |  | 10,000 | 2,000 | 1,524,599 |  |  | 37,909 | b, $\mathbf{1}, 544,016$ | 66 |
| 25,000 |  |  |  |  |  |  | 88,800 370,000 | $2,643,778$ $1,323,780$ | 67 |
|  | 125, 000 | $\cdots 0,000$ |  | $1,502,445$ |  |  | 325, 000 | 2, 27272,95 | 69 |
|  |  | 121,699 | 50, 000 | 4,403,572 |  |  | 625,710 | 7,684, 210 | 70 |
| 113, 579 | 64,914 37,500 | 12,500 |  | 2,065,300 | 1, 780, 971 |  | 68,585 249,000 | 2,951,841 | 71 |
| 1i6, 370 | ${ }^{396}$ |  |  | 1,755, 810 | 1,80, |  | 17,343 | 3,838,054 | 73 |
| 56,0 | (i) | 50,000 |  |  |  |  | 169,608 | 1,055,914 | 74 |
| 365,000 |  | 200 |  |  |  |  | 4,000 | 1, $1,04,438$ | 76 |
| 65,000 |  |  |  | 2,021,852 |  |  | 83,400 | 3, 479, 612 | 77 |
| 225,900 154,500 |  | 8,127 | 2,357 | 1,659,597 |  |  | ${ }_{25}{ }^{\text {c }}$, 300 |  | 78 79 |
| 52, 000 | (a) | (a) |  | 1, $1,232,813$ |  |  | - 964, 292 | 3, $3,063,502$ | 80 |
| 302, 200 |  |  | 2,875 | 1, $1,295,308$ |  |  | 50,000 28,910 | $3,054,888$ $4,268,572$ | 81 |
|  | 15,000 |  |  | 1, 560,000 |  |  | 48, 804 | 2, 705, 048 | 83 |
|  |  |  |  | 1,000,000 |  |  | 40,000 | 2, 463,132 | 84 |
| $\begin{array}{r} 138,796 \\ 75,000 \end{array}$ | (0) 6,000 | 10,000 |  | 1,212, 653 |  |  | 12,000 200,000 | $2,048,210$ $\mathbf{2 , 6 0 9 , 3 2 5}$ | ${ }_{86}^{85}$ |
| 200, 000 |  |  |  | 1,212, 33 |  |  |  | 1,559,247 | 87 |
| 4,596 125,000 |  |  |  | 2,000, 000 |  |  | 11, 332 | 3, 3 207, 399 | 88 |
| 125,000 | $\begin{array}{r} 8,000 \\ 135,000 \end{array}$ | 60,000 |  | $\begin{aligned} & 909,895 \\ & 895,000 \end{aligned}$ |  |  | 21,000 36,000 | $\stackrel{2}{2,5358,924}$ | 90 |
| 4,000 |  | 73,398 |  | 1,000,000 |  |  |  | 2, 569,065 | 91 |
| $r 360,734$ |  | 23,500 |  | $1,943,515$ $1,500,000$ |  |  | 163,275 | 2, 986, 812 | 92 |
| 125,000 |  | 20,000 |  | 1,034, 902 |  |  | $2,020,000$ | 3, ${ }^{2,423,738}$ | ${ }_{94}^{93}$ |
|  |  | 17,965 |  | 1, 8666 , 445 |  |  | 85, 311 | 3, 3111,512 | 95 |
| 290,000 | 100,000 | 3,000 |  | $1,340,166$ 803,092 | 410,0 |  | 121,300 40,712 | $2,444,958$ $\mathbf{3 , 0 2 5 , 5 3 4}$ 1 | 96 |
|  | s 108,600 | 15,500 |  | 1,017,000 | 410,0 | \$135, | 22,700 | 1,843,746 | 98 |
| 82,685 | 25,000 | 61,500 |  |  |  |  | 36,000 | 1,245, 820 | 99 |
| 235,000 |  | 22,000 |  | 707,577 |  | 35,000 | 410,000 8,000 | $1,426,484$ $2,034,182$ | 100 |
|  | (t) | 5,000 |  | 1,550, 000 |  | $\cdots 5,000$ | 622,200 | $5,069,836$ | 102 |
| 101,089 | 2,834 |  |  | 1, 204, 830 |  | 450,000 | 657,940 | 4,847,469 | 103 |
| 150,000 303,000 |  | 3,325 <br> 1.0. |  | $1,377,575$ $\mathbf{9 7 0}, 988$ |  |  | -91,203 | $3,561,950$ $\mathbf{3 , 1 4 1 , 3 4 3}$ | 105 |
| 303,00 |  | 36,225 |  |  |  |  | 14,100 | $\begin{array}{r}3,14,368 \\ \hline 966,698\end{array}$ | 106 |
|  |  |  |  | 556, 953 |  |  | 112,801 | 1,580, 661 | 107 |
|  | 20,000 5,130 | $\begin{array}{r} 20,300 \\ 6,390 \end{array}$ |  | 57,973 |  |  | 15,950 | 1,367,722 | 109 |
|  | 52,400 | 79,400 |  | 1,925, 869 |  |  | 53,000 | 3,988,568 | 110 |

$k$ Including city hall, police department, fire department, schools, parks, jails, hospitals, asylums, almshouses, etc., markets, and cemeteries.
$i$ Included in apparatus, etc., for asylums, almshouses, etc.
$m$ Not including apparatus, etc.
$n$ Including apparatus, ete., for hospitals.
o Land for markets included in land for city hall.
$p$ Included in asylums, almshouses, etc.
$q$ Including hospital for contagious diseases.
$r$ Including $\$ 60,000$ city's share in viaduct, owned jointly by State, city, and railror
$s$ Including land and buildings for city hall.
$t$ Included in land and buildings for city hall.

Table XXIV.-ASSETS (1)-Concluded.

| Mar- <br> ginal <br> num- <br> ber. | Cities. | Cash in treasury. | Uneollected taxes. | Cash and bonds in sinking fund. | Trust funds. | City hall. |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  | Land and buildings. | Apparatus, etc. | Total. |
| 111 | Johnstown, Pa | \$57,744 | \$24,586 | 895, 326 |  | \$50,000 | \$10,000 | \$60.000 |
| 112 | Elmira, N. Y. | 66,311 | 42,776 |  |  | a 150,000 | a 17,964 | a 167,964 |
| 113 | Allentown, Pa. | 107, 370 | 75,977 | 95,513 |  | c 48, 000 | d 3, 000 | $e 51,000$ |
| 114 | Davenport, Iowa | 208,587 | 122, 735 |  |  | h 75,000 | h 5,000 | h 80,000 |
| 115 | McKeesport, Pa | 63,881 | 46,088 | 280,022 |  |  | 5,000 | 5,000 |
| 116 | Springtield, Ill . | 53,229 | 37,548 | , 353 |  | $i 65,000$ | 10,000 | i75,000 |
| 117 | Chelsea, Mass. | 186,605 | 179,524 | 433, 475 | \$15,000 | 100,000 | ( $j$ ) | lc 100,000 |
| 118 | Chester, Pa. | 10,945 | 50,334 | 69,122 |  | $l 75,000$ | 3,000 | l78,000 |
| 119 | York, Pa | 22,649 | 19,500 | 5,544 | 15,500 | 15,000 | 825 | , 825 |
| 120 | Malden, Mass. | 28,156 | 194,255 | 295,143 | 1500 | 44,000 | 5,000 | 49,000 |
| 121 | Topeka, Kans.. | 137,062 | 22, 536 | 9,270 |  | 102, 000 | 7,250 | 109, 250 |
| 122 | Newton, Mass.. | 121,048 | 412, 628 | 1,809, 186 | 44,375 | 63, 200 | 4,400 | 67, 600 |
| 123 | Sioux City, Iow | 76,436 | 75,000 | - 4,692 |  | i 100,000 | 20,000 | i 120,000 |
| 124 | Bayonne, N. J ... | 47,440 | 450,000 | 223,000 |  | a 55,000 | a 10,000 | a 65,000 |
| 125 | Knoxville, Tenn | 472 | 27,056 | 12,319 |  | $l 30,000$ | 1,000 | $l 31,000$ |
| 126 | Schenectady, N. Y | 72,690 | 177, 018 | 186,834 |  | n 35,000 | $n 5,000$ | n 40,000 |
| 127 | Fitchburg, Mass. | 20,620 | 138, 580 | 422,415 | 41,908 | 60,000 | 10, 219 | 70,219 |
| 128 | Superior, Wis... | 159,684 | 736, 742 | 248, 014 |  | (j) | ( $j$ ) | ( $j$ ) |
| 129 | Rockford, IM ... | 17,197 |  |  |  |  | 2,369 | 2,369 |
| 130 | Taunton, Mass. | $\begin{array}{r}60,747 \\ \hline 121\end{array}$ | 41, 205 | 512,487 | 15,747 | 70,000 | 10,000 | 80,000 |
| 131 | Canton, Ohio.. | 121, 291 | 11, 216 | 13, 780 | 6,297 | m 38,000 | 2,000 | m 40,000 |
| 132 | Butte, Mont...... | - 205, 595 | [3,933 | -17,419 |  | p 59,300 | d3,000 | 4 62, 300 |
| 133 | Montgomery, Ala. | 89,764 | 43,159 |  |  | $t 100,000$ | d 3,500 | u 103,500 |
| 134 | Auburn, N. Y........ | 122, 239 | 4,583 |  |  | c 26,500 | d 5,500 | e 32, 000 |
| 135 | Chattanooga, Tenn. | 14,993 | 138,902 | 967 |  | 35,000 | 4,700 | 39,700 |
| 136 137 | East St. Louis, Ill ... | 86,140 | 41, 388 | 7,200 |  | 250,000 | 35, 000 | 285, 000 |
| 137 | Joliet, Ill. . . . . | 130,605 | 32, 528 |  |  |  |  |  |

a Including police department and jails.
$b$ Included in city hall.
cIncluding land and buildings for police department and jails.
a Including apparatus, etc., for jails.
$e$ Including jails and land and buildings for police department.
$f$ Included in land and buildings for city hail.
$g$ Not including land and buildings.
$h$ Including jails.
including land and buildidgs for library.
$j$ Not reported.
$\pi$ Not including apparatus, etc., not reported.
$l$ Including land and buildings for police department.

Table XXIV.-ASSETS (1)-Concluded.

| Police department. |  |  | Fire department. |  |  | Schools. |  |  | $\begin{aligned} & \text { Mar- } \\ & \text { ginal } \\ & \text { num- } \\ & \text { ber. } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{gathered} \text { Land } \\ \text { and } \\ \text { anild- } \\ \text { ing. } \end{gathered}$ | $\begin{aligned} & \text { Appas } \\ & \text { ratas, } \\ & \text { etce, } \end{aligned}$ | Total. | $\begin{gathered} \text { Land } \\ \text { and } \\ \text { anild } \\ \text { ings. } \end{gathered}$ | Appara- tus, etc. | Total. | $\begin{aligned} & \text { Land } \\ & \text { and } \\ & \text { build } \\ & \text { ings. } \end{aligned}$ | Appara- tus, etc. | Total. |  |
|  |  |  |  | ${ }_{18} 10$ |  | \$500,000 | \$40,000 | \$540,000 | 11 |
| (i) | ${ }_{950}$ |  |  | 42, | -123,096 | ${ }_{705,8} 604$ |  |  | 112 |
| \$14,200 | 1,300 | 15,500 | 50,000 | 29,300 |  | 513, 780 | 24,800 |  | 14 |
| hen 20,000 $h 24$ | hil, ${ }^{2}, 000$ $h 7000$ | ha5,000 $h_{31}{ }^{\text {a }}$ (000 | 38,000 | 32,000 | 70, 7000 | 529,200 40000 | 38,000 | 5667,200 | 15 |
| h24,000 82 | ${ }^{\text {n }} 7$ | $h 31,000$ $k 82,00$ | 104,500 | (4),480 | 1415,9 | 497,500 |  | - 49297,500 | 117 |
| (f) | 1,000 | ${ }_{91} 1,00$ |  |  |  |  | ) | 575,000 | 118 |
|  |  | 1,000 | 41, 400 | 44, 050 | 85, | ${ }^{1610,000}$ | 35,000 | ${ }^{\text {i }} 625$ 5, 000 | 119 |
| 1,000 | 5,2 | ${ }^{6,212}$ | 100,774 |  | 167,799 | ${ }_{\text {c }} 778,711$ |  | 856.711 | 20 |
| m17,000 | 12,745 | m18,000 ${ }^{\text {81, } 520}$ |  | 30,400 88,70 | 94,400 246510 | ( ${ }^{\text {( })}$ | ${ }_{(j)}^{18,000}$ | 1,005,000 | 122 |
| $h 40,00$ | h9,000 | $h 49,0$ | 35,500 | ${ }_{35,000}$ | 70,500 | 724,200 | 25,000 | ${ }^{749}$, 200 | 23 |
|  | (b) | (b) | 88,000 | 50,000 | ${ }^{183}$ | 373,000 | 70,000 | 443,, 000 | 124 |
| (b) | ${ }^{500}$ | ${ }^{9} 5$ | h 411,100 41,500 | h87,000 30,000 | ${ }^{4} 78,1$ | 156,500 <br> 230,000 | 5, 12000 12000 | 161, 500 | ${ }^{125}$ |
| h43,00 | h2,463 | ${ }^{4} 45$ | 91, 905 | 52,472 | 144,377 | 594,730 | 30, 342 | 625, 072 | 127 |
| ${ }_{2,533}$ | ${ }^{\text {l }}$,906 | ${ }_{4,439}$ | ${ }_{h 33,149}$ | h37, 201 | ${ }_{h 70}{ }^{(3)} 350$ | (J) <br> 416820 | $\stackrel{(3)}{8,562}$ | (3) ${ }^{\text {25, }} 382$ | 128 129 |
| 10,000 | 1,000 | 12,000 | 150,000 | ${ }^{21,782}$ | 171,782 | 198, 78 | 20, 000 | 218,788 | 1130 |
| 23,50 | 2,500 | 26,0 | - 20,000 | 71, 250 | 91, ${ }^{\text {, }}$ 588 | 5770,000 | 27,700 | 597,700 | 181 |
| ${ }_{(f)}^{(f)}$ | 11,800 | ${ }_{9}^{911,800}$ | $r$ r <br> $v 14,5000$ <br> 14 | 43,078 | $\underset{\substack{r 90,578 \\ v 31,000}}{\substack{\text { a }}}$ | $\begin{array}{r}3600,200 \\ 167 \\ \hline\end{array}$ | $\begin{array}{r}\text { 49,200 } \\ \\ 5 \\ \hline\end{array}$ | $.8649,400$ 172,000 | 182 183 |
| (f) | 500 |  | 34, 325 |  | 58,207 | 474,129 | 132,000 | 606, 129 | 134 |
| h20,000 | ${ }_{2}^{1,5000}$ | $h_{22,000}$ | 60,000 | 15,000 | 75,000 | -370,000 | 30,000 | - 3460,0000 | 136 |
| h7,000 | $n 7,344$ | $h_{14,344}$ | 30,000 | 42,000 | 72,000 | 363, 400 | 44,240 | 407,640 | 137 |

$m$ Including land and buildings for jails.
$n$ Including police department.
oIncluding cash of school district extending beyond city limits.
pIncluding 1 fire station and land and buildings for police department and jails
q Including jails, land and buildings for police department, and 1 fire station.
$r$ Not including $i$ fire station, included in land and buildings for city hall.
$s$ Including property of school district extending beyond city limits.
$t$ Including 1 engine house, markets, and land and buildings for police department and jails.
$u$ Including jails, 1 engine house, markets, and land and buildings for police department.
$v$ Not including $i$ engine house, included in land and buildings for city hall.

Table XXIV.-ASSETS (2)-Concluded.

| Marginal number. | Cities. | Libraries. |  |  | Art galleries, museums, etc. |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Land and buildings. | Books. apparatus, etc. | Total. | Land and buildings. | Apparatus, etc. | Total. |
| 111 | Johnstown, Pa |  |  |  |  |  |  |
| 112 | Elmira, N. Y.. |  |  |  |  |  |  |
| 113 | Allentown, Pa... |  |  |  |  |  |  |
| 114 | Davenport, Iowa | b \$30,000 |  | b 300,000 |  |  |  |
| 115 | McKeesport, Pa | 55,000 | \$5,000 | 60, 000 |  |  |  |
| 116 | Springfield, Ill.. | $\left({ }^{\text {d }}\right.$ ) | 67,500 | e 57,500 |  |  |  |
| 117 | Chelsea, Mass. | 46,000 | 16,000 | 62,000 |  |  |  |
| 118 | Chester, Pa.. <br> York, Pa. |  |  |  |  |  |  |
| 120 | Malden, Mass. | 131,000 | 184,827 | e 5,000 $\mathbf{3 1 5 , 8 2 7}$ |  |  |  |
| 121 | Topeka, Kans . | j30,000 | 184,300 | \$60,300 | (k) | (i) | (m) |
| 122 | Newton, Mass | 60,500 | 19,000 | 79,500 |  | (1) |  |
| 123 | Sioux City, Iowa | (d) | 10,800 | e 10,800 |  |  |  |
| 124 | Bayonne, N. J ... | 14,600 | 12,000 | 26,600 |  |  |  |
| 125 | Knoxville, Tenn |  |  |  |  |  |  |
| 126 | Schenectady, N. Y |  |  |  |  |  |  |
| 127 | Fitchburg, Mass . | 94,400 | $51,668$ | $146,068$ |  |  |  |
| 128 | Superior, Wis.. | (g) | ${ }^{(g)}$ ) 000 | (d) | (g) | (g) | (g) |
| 129 | Rockford, Ill |  | 25,000 | 25,000 |  |  |  |
| 130 | Taunton, Mass |  | 24,500 | 24,500 |  |  |  |
| 131 | Canton, Ohio |  |  |  |  |  |  |
| 132 | Butte, Mont | 107,360 | 50,000 | 157,350 |  |  |  |
| 133 | Montgomery, Auburn, N. |  |  |  |  |  |  |
| 184 | Auburn, N . $\mathbf{Y}$.... Chattanooga, Ten | 25,000 |  | 25,000 |  |  |  |
| 136 | East St. Louis, Ill | 85,000 | 30,000 | 115,000 |  |  |  |
| 137 | Joliet, Ill ..... |  | 25,000 | 25,000 |  |  |  |

a Included in city hall.
$b$ Building in process of construction.
c Included in police department.
$d$ Included in land and buildings for city hall.
eNot including land and buildings.
$f$ Included in waterworks.
$g$ Not reported.
$h$ Not including apparatus, etc., not reported.

Table XXIV.-ASSETS (2)-Concluded.

| Parks. |  |  | Jails. |  |  | Workhouses, reformatories, etc. |  |  | Mar- <br> ginal ber. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Land and buildings. | Apparatus, etc. | Total. | $\begin{aligned} & \text { Land and } \\ & \text { build- } \\ & \text { ings. } \end{aligned}$ | Apparatus, etc. | Total. | Land and buildings. | Apparatus, etc. | Total. |  |
| \$80,000 | \$500 | \$80,500 |  |  |  |  |  |  | 111 |
| 112, 250 | 2,700 | 114, 950 | (a) | (a) | (a) |  |  |  | 1112 |
| 45,000 | 4000 | 45,00 | (a) | ${ }^{(a)}$ | (a) |  |  |  | 113 |
| 40,000 | 2,000 | 42,000 | (c) | (c) | (c) |  |  |  | 115 |
| (f) | (f) | (f) | (c) | (c) | (c) |  |  |  | 116 |
| 177,000 | (g) | h 1777,000 |  |  |  |  |  |  | 117 |
| (d) ${ }^{(00000}$ | (g) 33,000 | 85,000 183,000 |  |  |  |  |  |  | 118 |
| 201,667 | (g) | $\boldsymbol{h 2 0 1 , 6 6 7}$ |  |  |  |  |  |  | 120 |
| 34, 000 | (, 000 | 35,000 250,000 | ( ${ }^{\text {a }}$ | (l) | (o) |  |  |  | 121 |
| ${ }^{(g)}$ ) 000 | ${ }^{(g)}$ | 250,000 20,000 |  |  |  |  |  |  | 122 |
| 20,000 58,000 |  | 20,000 58,000 | (a) | (a) | ${ }_{(a)}^{(a)}$ |  |  |  | 123 |
| 5,000 |  | 5,000 | (p) | (p) | (p) |  |  |  | 125 |
| 40,000 |  | 40,100 |  |  |  |  |  |  | 126 |
| 128, 150 | 125 | 128, 275 | (c) |  |  |  |  |  | 127 |
| ${ }_{20,000}$ | ${ }^{(g)}$ | $\stackrel{(g)}{20,000}$ | (g) | (g) | (g) | (g) | ${ }^{(g)}$ | ${ }^{(g)}$ | 123 |
| 71, 750 | 1,300 | 73,050 |  |  |  |  |  |  | 137 |
| 51,500 | 1,200 | 52,700 | (d) | \$500 | - 8500 |  |  |  | 131 |
|  |  |  | (a) | (a) | (a) |  |  |  |  |
| 40,000 | 500 | 40,500 | (a) | (a) | (a) |  |  |  | 133 |
| 8,000 110,000 | 5,000 | 8,000 115,000 | (a) ${ }_{\text {a }}$ | ${ }^{(a)} 170$ | ${ }_{6,170}$ |  |  |  | ${ }^{331}$ |
| 30,000 |  | 30,000 | (c) | (c) | (c) |  |  |  | 136 |
| 100,00v |  | 100,000 | (c) | (c) | (c) |  |  |  | 137 |

[^20]Table XXIV.-ASSETS (3)-Concluded.

| $\begin{gathered} \text { Mar- } \\ \text { ginal } \\ \text { num- } \\ \text { ber. } \end{gathered}$ | Cities. | Hospitals. |  |  | Asylums, almshouses, ete. |  |  | $\begin{gathered} \text { Docks } \\ \text { and } \\ \text { wharves. } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Land and buildings. | A pparatus, etc. | Total. | Land and build- ings. | Apparatus, etc. | Total. |  |
| 111 | Johnstown, Pa |  |  |  |  |  |  |  |
| 112 | Elmira, N. Y | a8143,000 |  | a 1433,000 |  |  |  |  |
| 113 | Allentown, Pa.. |  |  |  |  |  |  |  |
| 114 | Davenport, Iowa |  | \$133 |  |  |  |  | $\$ 40,000$ 4,000 |
| 116 | Springfield, Ill |  | 130 | 133 |  |  |  |  |
| 117 | Chelsea, Mass | 1,800 | (c) | ä1,800 |  |  |  |  |
| 118 | Chester, Pr... |  |  |  |  |  |  | 28,500 |
| 119 | York, Pa |  |  |  |  |  |  |  |
| 121 | Malden, Mass. |  |  |  | \$32,000 | \$6,825 | 838,825 |  |
| 121 | Topeka, Kans Newton, Mass | 25,000 | 500 2,000 | 2, 27,000 | 35,000 | 3,050 | 38,050 |  |
| 123 | Sioux City, Iow |  |  |  |  |  |  |  |
| 124 | Bayonne, N. J... |  |  |  |  |  |  | 70,000 |
| 126 | Knoxvict, Teun | 43,000 | 2,000 | 45,000 |  |  |  |  |
| 127 | Fitchburg, Mass. Superior Wis. | 182, 400 | (c) 1900 | 201, 225 | $\underset{(c)}{39,500}$ | 5, 1780 | $47,480$ |  |
| 129 | Superior, Wis Rockford, Ill |  |  |  |  |  |  |  |
| 1380 | Taunton, Mass |  |  |  | 37,500 | 6,000 | 43,500 |  |
| ${ }_{132}^{131}$ | Canton, Ohio Butte, Mont. | 500 | 150 | 650 |  |  |  |  |
| 183 | Montgomery, | 4,000 | 500 | 4,500 |  |  |  | 10,000 |
| 135 | Chattanooga, Tenn | 43,000 | 10, 000 | 53,000 |  |  |  |  |
| 136 | East St. Louis, Ill | 43, 500 | 200 | 700 |  |  |  |  |
| 137 | Joliet, Ill ...... |  |  |  |  |  |  |  |

[^21]TAble XXIV.—ASSETS (3)-Concluded.

| Ferries and bridges. | Marisets. | Cemeteries. | Bath houses and bathing pools and beéaches. | Waterworks. | Gas works. | Electriclight plants. | Other. | Total assets. | $\begin{array}{\|l\|l\|} \text { Mar- } \\ \text { Minal } \\ \text { num- } \\ \text { ber. } \end{array}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| \$114,900 |  |  |  |  |  |  | \$45,000 | 81,036,656 | 111 |
| 242,994 |  | \$58,700 |  |  |  |  | 49,646 | 1,693,615 | 112 |
| 40,000 |  |  |  | \$426,374 |  |  | 1,400 | 1,698, 497 | 113 |
| 20,000 |  |  |  |  |  |  | 10,000 | 1, 2228,702 | 114 |
|  | \$150,000 | 40,000 |  | b1,055,000 |  | \$103,500 | 287,374 7,500 | $2,155,908$ $1,977,430$ | 1115 |
|  |  |  |  | 488,203 |  | \$10,00 | 339,561 | e2,708,648 | 117 |
|  |  |  |  |  |  |  | 30,079 | 942,980 | 118 |
|  |  | 35,000 |  | 1,093,881 |  |  | $\begin{array}{r}27,700 \\ 169 \\ \hline\end{array}$ | $\begin{array}{r}991,168 \\ \hline 3,451,100\end{array}$ | 119 |
| 68,000 |  |  |  |  |  | 81,000 | g12,300 | 1,143,618 | 12 |
|  |  | 6,300 | \$1,500 | 2,089, 285 |  |  | 25,000 | 6,304, 502 | 122 |
| 152,500 |  | 7.500 |  | 1,000,000 |  |  | 146,500 | 2,482, 128 | 123 |
| 300,000 | 100,000 |  |  | 300, 000 |  |  | 35,000 51 | $1,861,040$ 812,468 | 124 |
| 30, 00 | 10,00 |  |  | 896,000 |  |  | 155,139 | 1,831,281 | 126 |
|  |  |  |  |  |  |  |  |  | 127 |
| $\begin{gathered} (c) \\ 164,277 \end{gathered}$ | (c) | (c) | (c) | $\text { 642, } 468$ | (c) | (c) | (c) 119,157 | 1, (c) ${ }_{\text {c }}$ | 128 |
|  |  | 44,800 | 1,500 | 1,288, 128 |  | 108.242 | 55,521 | 2, 800, 992 | 130 |
|  | 31,000 |  |  | 646, 472 |  |  | 41, 328 | 1,680,384 | 131 |
|  | ( ${ }^{\text {i }}$ | 7,500 |  | 1,024,000 |  |  | 76,000 | - | 133 |
| 82,000 |  | 18,000 |  | 584, 122 |  |  | 1,000 | 1,541, 780 | 134 |
| 100,000 |  | 20,000 |  |  |  |  | 10,000 | 1,870,282 | 136 |
| 180,000 |  |  |  | 325,000 |  |  | 20,000 | 1,307,117 | 187 |

$f$ Not including apparatus, etc., for parks, not reported.
$g$ Including apparatus, etc., for art galleries, museums, etc., and jails.
$h$ Including cash and property of school district extending beyond city limits.
$i$ Included in land and buildings for city hall.

TABLE XXV.-PER CAPITA DEBT, ASSESSED VALUATION OF PROPERTY, AND EXPENDITURES FOR MAINTENANCE.

| Mar- <br> ginal <br> num- <br> ber. | Cities. | Net debt. | Assessed valuation of real and personal property. | Expenditures for maintenance. |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Police department, including police courts, jails, workhouses, reformatories, etc. | Fire depart ment. | Schools. | Mu-nicipal lighting. | $\begin{gathered} \text { Street } \\ \text { ex- } \\ \text { pendi- } \\ \text { tures, } \\ \text { except } \\ \text { light- } \\ \text { ing. } \end{gathered}$ | All other purposes. | Total |
| 1 | New York, | \$86.82 | a \$1, 056.93 | \$3.21 | \$1.32 | $b \$ 5.51$ | \$0.76 | \$2.07 | \$15, 85 | \$28.72 |
| 2 | Chicago, Ill. | -20.22 | 208.10 | 2.19 | . 92 | 4.56 | . 26 | . 50 | 3.94 | 12.37 |
| 3 | Philadelphia, P | 35.77 | 690.15 | 3.20 | . 82 | 2.49 | . 92 | d. 58 | 6.30 | 14.31 |
| 4 | St. Louis, Mo... | 30.69 | 663.52 | 2.88 | 1. 29 | 2.57 | . 99 | . 97 | 5.95 | 14.65 |
| 5 | Boston, Mass | e 82.21 | 2,009.32 | f 5.03 | 2.24 | 5.31 | 1.34 | 3.77 | 020.49 | h 38.18 |
| 6 | Baltimore, Md | 59.32 | 833.35 | 2.10 | . 98 | 2.72 | . 63 | . 76 | - 7.45 | 14. 64 |
| 7 | Cleveland, Oh | 37.76 | 503.73 | 1.37 | 1. 25 | 3.22 | . 67 | . 28 | 5.53 | 12.32 |
| 8 | Buffalo, N. Y . | 47.94 | $i 655.00$ | 2.21 | 1.86 | 3.14 | . 95 | . 71 | 6.98 | 15.85 |
| 9 | San Francisco, Cal .. | 1.48 | 1,180.29 | 2. 72 | 1.88 | 3.33 | 73 | . 86 | 7.31 | 16.83 |
| 10 | Cincinnati, Ohio .... | 79.65 | 631.33 | 2.08 | 1.39 | j3.31 | 1.00 | 1.08 | 9.52 | 18.28 |
| 11 | Pittsburg, Pa . . . . . . | 55.76 | 1,055.94 | 1.47 | 1.68 | 2.53 | . 92 | 1.26 | 8.35 | 16.21 |
| 12 | New Orleans, La .... | 59.68 | 485.58 | . 90 | . 89 | 1.59 | . 72 | . 40 | 9.83 | 14.33 |
| 13 | Detroit, Mich. | 16.28 | 824.16 | 1.84 | 1.86 | 2.90 |  | * 1.70 | 5.22 | $k 13.52$ |
| 14 | Milwaukee, Wis. | 23.06 | 555.38 | 1.27 | 1.53 | 2.57 | . 71 | 1.15 | 5.32 | 12.55 |
| 15 | Washington, D. C | 49.25 | $l 672.13$ | 3.36 | . 98 | 4.12 | $m .86$ | 1.92 | n7.58 | o 18. 77 |
| 16 | Newark, N.J. | 58.05 | 621.90 | 1.84 | 1. 25 | 3. 26 | . 85 | k. 55 | 7.20 | kc 14.95 |
| 17 | Jersey City, N. J | 75.88 | 447.63 | 1.97 | 1.13 | 2.94 | . 76 | $p 1.04$ | q9.61 | Lc 16.85 |
| 18 | Louisville, Ky | 38.76 | 577.21 | 1. 77 | 1.07 | 2.39 | . 70 | $r 1.20$ | q 5.78 | 12.91 |
| 19 | Minneapolis, Minn | 31.83 | 486.73 | 1.19 | 1.55 | 3.51 | 74 | 1.04 | 5.99 | 14.02 |
| 20 | Providence, R. I. | 78.82 | 1,083.16 | 2.12 | 1.99 | 4.16 | 1.63 | ${ }^{2} 1.64$ | 7.98 | k 19.47 |
| 21 | Indianapolis, Ind. | 22.20 | 707.86 | . 89 | . 99 | 3.06 | . 62 | . 68 | 3.11 | 9.35 |
| 22 | Kansas City, Mo. | * 35.22 | 462.47 | 1.63 | 1.44 | 3. 22 | . 45 | . 94 | 8.27 | 15. 95 |
| 23 | St. Paul, Minn. | 50.77 | 511.51 | 1.30 | 1. 18. | 3. 44 | . 79 | ]. 05 | $t 6.18$ | $t 13.94$ |
| 24 | Rochester, N. Y | 60.27 | 684.99 | 1.26 | 1.42 | 3.23 | 1.47 | 1.11 | 10.56 | 19.05 |
| 25 | Denver, Colo | 13.49 | 959.74 | 1. 23 | $1.11^{1}$ | 4.85 | . 66 | 1.08 | 4.57 | 13.50 |
| 26 | Toledo, Ohio | 46.21 | 427.07 | . 88 | . 78 | 2.66 | . 52 | . 78 | 4.88 | 10.50 |
| 27 | Allegheny, Pa. | 50.35 | 730.86 | 1.04 | $1.11{ }^{1}$ | 2.73 |  | . 54 | 6.91 | 12.33 |
| 28 | Columbus, Ohio | 40.83 | 494.45 | 1.20 | 1. 371 | 3.18 | . 57 | 1.39 | u3.21 | u 10.92 |
| 29 | Worcester, Mass | 45. 90 | 944.45 | 1.24 | 1. 38 | 4. 28 | 1.01 | v. 288 | 9.05 | 19.54 |
| 30 | Syracuse, N. Y........ | 76. 14 | 725. 87 | 1.26 | 1. 46. | 3. 42 | . 98 | $v 1.51$ | $w 10.55$ | 19.13 |
| 31 | New Haven, Conn | 34.14 | 888.42 | 1.96 | $1.28{ }^{\circ}$ | 3. 42 | . 78 | 1.33 | 4.21 | 12.98 |
| 32 | Paterson, N. J....... | 36.46 | 456.39 | 1.19 | 1. 12 | 2.91 | . 81 | v1.73 | 4.66 | 11.42 |
| 33 | Fall River, Mass.... | $x 34.76$ | 696.77 | 1.30 | 1.15' | 3.05 | . 93 | $v 1.48$ | $w 7.17$ | 15.08 |
| 34 | St. Joseph, Mo. | 16.59 | 244.90 | 68 | . 60 | 1. 55 |  | . 67 | 5.24 | 8. 74 |
| 35 | Omaha, Nebr. | 59.89 | 330.67 | . 98 | 1.07; | 3.57 | . 73 | . 61 | 6.22 | 13. 13 |
| 36 | Los Angeles, Cal | 10.41 | 667.07 | 1.19 | 1. 14' | 4. 52 | . 65 | 1.76 | 4.18 | 13. 39 |
| 37 | Memphis, Tenn. | v30.14 | 352.30 | . 95 | . $98{ }^{\prime}$ | 1.31 | . 46 | 1.20 | 3.66 | 8.51 |
| 38 | Scranton, Pa | 10.25 | 226.74 | . 60 | . 56 | 3.061 | . 45 | . 65 | 2.08 | 7.40 |

$a$ Including $\$ 0.32$ liable for taxes for State purposes only, $\$ 58.97$ franchises, and $\$ 31.37$ exempt from taxes for State purposes.
$b$ Including $\$ 0.06$ for College of City of New York and $\$ 0.05$ for Normal College.

- Including $\$ 2.31$ special assessment bonds against private property.
d Not including $\$ 0.12$ expended by street railway company and $\$ 0.01$ expended by board of directors of trust funds.
$e$ Including net county debt.
$f$ Including $\$ 1.90$ expended by county
oIncluding $\$ 0.22$ expended by county.
$h$ Including $\$ 2.12$ expended by county.
$i$ Including $\$ 36.21$ special franchises.
$j$ Including $\$ 0.45$ for University of Cincinnati.
$k$ Not including expenditures for street sprinkling, paid for by property owners.
$i$ Not including $\$ 4.86$ gross receipts of street railways taxed at the rate of 4 per cent.
$m$ Not including expenditures by United States Government for lighting of public parks and spaces.
$n$ Including expenditures by United States Government for waterworks, but not including $\$ 2$ paid out of sinking fund.
oIncluding expenditures by United States Government for waterworks, but not including expenditures by United States Government for lighting of public parks and spaces, and $\$ 2$ paid out of sinking fund.
pIncluding expenditures for garbage removal, but not including expenditures for street sprinkling, paid for by property owners.
$q$ Not including expenditures for garbage removal included in street expenditures.
$r$ Including expenditures for garbage removal.
s Including $\$ 7.05$ park certificates of indebtedness.
$t$ Not including $\$ 0.44$ paid out of sinking fund.
$u$ Not including $\$ 2.59$ paid out of sinking fund.
$v$ Includiug expenditures for sewers.
${ }^{w}$ Not including expenditures for sewers included in street expenditures.
$x$ Including $\$ 0.82$ trust funds carried by city as floating debt.
$y$ Including $\$ 0.56$ market-house bonds secured by mortgage on market house, and $\$ 2.33$ park bonds secured by mortgage on park property.

Table XXV.-PER CAPITA DEBT, ASSESSED VALUATION OF PROPERTY, AND EXPENDITURES FOR MAINTENANCE-Continued.

| Marginal number. | Cities. | Net debt. | Assessed valuation of real and personal property. | Expenditures for maintenance. |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Police depart- ment, in- cluding police courts, jails, work- houses, reform- atories, etc. | Fire de-partment. | Schools. | Mu-nicipal lighting. | Street ex-penditures, except lighting. | All other purposes. | Total. |
| 39 | Lowell, Mass | \$32.78 | \$754. 72 | \$1.44 | \$1.25 | \$3.49 | - \$0.98 | \$0.98 | \$6.68 | \$14.82 |
| 40 | Albany, N. Y | a31.69 | 694.69 | 1.68 | 1.42 | 2.94 | . 90 | . 79 | 6.84 | 14.52 |
| 41 | Cambridge, Mass | 67.76 | 1,022.67 | 1.37 | . 97 | 4.67 | . 77 | 2.30 | 12.85 | 22.93 |
| 42 | Portland, Oreg | b59.97 | 461.28 | . 63 | . 85 | 2.86 | . 53 | . 53 | 4.81 | 10.21 |
| 43 | Atlanta, Ga... | 35. 85 | 608.54 | 1.51 | 1. 25 | 1.77 | . 80 | c1.00 | d 6.06 | 12.39 |
| 44 | Grand Rapids, Mich. | 19.61 | 631.12 | 1.04 | 1.29 | 3. 20 . |  | $e .59$ | 4. 77 | e10.89 |
| 45 | Dayton, Ohio.. | 33.24 | 504.05 | 1.13 | . 83 | 3.54 | . 59 | . 42 | 3.97 | 10. 48 |
| 46 | Richmond, Va........ | 71.85 | 773.02 | 1.18 | 1.01 | 1.35 | . 37 | 1.00 | 8.81 | 13.72 |
| 47 | Nashville, Tenn | 43.14 | 476.95 | 1.16 | 1.10 | 2.09 | . 58 | $f .78$ | 94.41 | 10.12 |
| 48 | Seattle, Wash......... | h 69.46 | 477.57 | 1.06 | 1.08 | 2.93 | . 37 | . 53 | 6.48 | 12.45 |
| 49 | Hartford, Conn ....... | 57.33 | 733.33 | 1.56 | 1.42 | 4.72 | . 72 | 2.32 | 7.12 | 17.86 |
| 50 | Reading, Pa ... | 17.33 | 535.89 | . 63 | . 51 | 2.59 | . 85 | e. 70 | 3.15 | e8.43 |
| 51 | Wilmington, Del | 28.44 | 557.77 | 1.08 | . 47 | 2.49 | 58 | . 65 | 3.28 | 8.55 |
| 52 | Camden, N.J | 33.21 | 358.18 | 1.23 | 1.08 | 3.08 | 1. 05 | . 55 | 3. 52 | 10.46 |
| 53 | Trenton, N.J | 34.08 | 449.36 | 1. 21 | . 97 | $t 2.96$ | . 74 | c. 41 | 4.37 | $e 10.66$ |
| 54 | Bridgeport, Co | 21.30 | 821.26 | 1. 00 | . 98 | 2.34 | . 73 | 1.17 | 3.95 | 10.17 |
| 55 | Lynn, Mass | 49.61 | 745.26 | 1.15 | 1. 38 | 3.40 | . 76 | 1.57 | 9.15 | 17.41 |
| 56 | Oakland, Cal | j5.88 | 589.66 | . 97 | 1.02 | 3. 99 | . 85 | . 74 | 2.18 | 9.75 |
| 57 | Lawrence, Mass | 29.25 | 625.46 | k 1.00 | . 92 | 2.86 | . 56 | . 77 | 6.36 | 12.47 |
| 58 | New Bedford, Mass .. | 49.32 | 977.45 | 1.72 | 1.19 | 3.56 | . 79 | e 1.08 | 7.08 | e15.42 |
| 59 | Des Moines, Iowa. | 17.16 | 202.58 | . 79 | 1.15 | 3.89 | . 71 | . 39 | 3.68 | 10.61 |
| 60 | Springfield, Mass | 33.80 | 1,143.68 | k1.04 | 1. 50 | 5. 53 | 1.03 | 2.06 | 6.73 | 17.89 |
| 61 | Somerville, Mass | 27.73 | 849.20 | 1.04 | 1.02 | 4. 64 | . 92 | 1.56 | 7.15 | 16.33 |
| 62 | Troy, N. Y | 27.69 | 758.42 | 1. 55 | . 86 | 2.86 | 1.11 | 1.67 | 5.48 | 13.53 |
| 63 | Hoboken, N.J | 21.85 | 462.66 | 1.83 | 1.36 | 3.06 | . 45 | . 29 | 6.60 | 13.59 |
| 64 | Evansville, Ind | 35.17 | 487.64 | . 88 | 1. 00 | 2.91 | . 47 | . 47 | 4.22 | 9. 95 |
| 65 | Manchester, N. H | 26. 17 | 548.54 | . 84 | 1.54 | 2. 18 | 1.03 | 1.02 | 4.33 | 10.94 |
| 66 | Utica, N. Y. | 11. 45 | $l 564.73$ | . 76 | 1.30 | 2.92 | 1.08 | . 52 | 4.62 | 11.20 |
| 67 | Peoria, Ill . | 12. 90 | 206.51 | 1.31 ] | 1.04 | 3.32 | . 58 | . 59 | 4.74 | 11.58 |
| 68 | Charleston, S. C. | 58.43 | 269.38 | 1.38 | . 74 | m. 12 | . $42{ }^{\prime}$ | . 51 | n5. 10 | o8. 27 |
| 69 | Savannah, Ga ....... | 50.88 | 638.57 | 1. 41 | 1.24 | (p) | . 59 | . 98 | 5.78 | q9.95 |
| 70 | Salt Lake City, Utah. | 60.45 | 580.90 | . 80 | 74 | 4.56 | . 54 | 1.08 | 5.95 | 13. 62 |
| 71 | San Antonio, Tex.... | 44.16 | 554.29 | . 85 | 79 | 1.95 |  | 1.70 | $r 2.24$ | r 7.53 |
| 72 | Duluth, Minn.. | 105. 30 | 445.90 | . 99 | 1.57 | 4.32 | . 42 | . 91 | 9.76 | 17.97 |
| 73 | Erie, Pa.. | 13.08 | 357.41 | . 59 | . 96 | 2.51 | . 68 | . 32 | 2.99 | 8.05 |
| 74 | Elizabeth, N.J....... | 58.15 | 330.71 | . 99 | . 47 | 2.30 | . 41 | 8.49 | $t 3.97$ | 8.63 |
| 75 | Wilkesbarre, Pa .... | 11.40 | 348.80 | . 70 | . 69 | 2.77 | . 77 | . 74 | * 1.49 | 7. 16 |
| 76 | Kansas City, Kans... | 47.42 | $v 211.81$ | 1.06 | . 74 | 2.14 | . 61 | . 54 | 5.00 | 10.09 |
| 77 | Harrisburg, $\mathrm{Pa} . . . .$. | 20.77 | 514.71 | . 56 | +36 | 2.87 | . 61 | . 72 | 3.03 | 8.15 |
| 78 | Portland, Me | 26.11 | 888.74 | .82 | 1.17 | 2.68 | . 72 | e1.28 | 6.68 | e 13.35 |
| 79 80 | Yonkers, N. Y | 69.03 | 749.24 | 1.74 | . 95 | 4.06 | . 78 | . 95 | 7.78 | 16. 26 |
| 80 | Norfolk, Va. | 79.44 | 508.951 | 1.12 | . 84 | 1.07 | .30 | $w 1.46$ | $\times 10.55$ | 15.34 |

a Including $\$ 6.75$ certificates of indebtedness against private property.
b Including $\$ 3.52$ improvement bonds against private property
$c$ Not including expenditures for street cleaning and sprinkling included in expenditures for all other purposes.
$d$ Including expenditures for street cleaning and sprinkling.
eNot including expenditures for street sprinking paid for by property owners.
$f$ Not including expenditures for street cleaning included in expenditures for all other purposes.
$g$ Including expenditures for street cleaning.
$h$ Including $\$ 5.90$ local-improvement bonds against private property.
$i$ Data are for 16 months.
$j$ Not including $\$ 0.34$ in litigation.
$k$ Not including police courts, jails, workhouses, reformatories, etc., supported by county.
$l$ Including $\$ 16.63$ franchises.
$m$ Not including $\$ 1.07$ expended by State and county.
$n$ Including 20.02 contributed to Jacksonville fund.
oIncluding $\$ 0.02$ contributed to Jacksonville fund, but not including $\$ 1.07$ expended by State and county for schools.
$p$ supported by state and county.
$q$ Not including amount expended by State and county for schools.
$r$ Not including $\$ 2.14$ paid out of siniing fund.
$s$ Including expenditures for parks.
$t$ Not including expenditures for parks, included in street expenditures
$u$ Not including expenditures for street cleaning and sprinkling, paid for by property owners.
$v$ Not including $\$ 14.06$, railroad property.
w Including expenditures for garbage removal.
$x$ Not including expenditures for garbage removal included in street expenditures,

$$
9398-\text { No. } 42-02-12
$$

TABle XXV.-PER CAPITA DEBT, ASSESSED VALUATION OF PROPERTY, AND EXPENDITURES FOR MAINTENANCE-Continued.

| Mar- <br> ginal <br> num- <br> ber. | Cities. | Net debt. | Assessed valuation of real and personal property. | Expenditures for maintenance. |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Police depart- ment, in- cluding police courts, jails, work- houses, reform- atories, etc. | Fire de-partment. | Schools. | Mu-nicipal lighting. | $\begin{gathered} \text { Btreet } \\ \text { ex } \\ \text { pendi- } \\ \text { tures, } \\ \text { except } \\ \text { light- } \\ \text { ing. } \end{gathered}$ | All other purposes. | Total. |
| 81 | Waterbury, Conn | \$31.06 | \$265.90 | \$0.96 | \$0.72 | \$3.74 | \$0. 48 | a $\$ 0.52$ | \$2. 38 | a $\$ 8.80$ |
| 82 | Holyoke, Mass. | 34.55 | 839.11 | 1.02 | 1.54 | 4.14 | . 63 | . 70 | 8.60 | 16.63 |
| 83 | Fort Wayne, Ind | b 12.04 | 472.85 | . 63 | 1.09 | 2.19 | . 57 | . 38 | 2.27 | 7.13 |
| 84 | Youngstown, Ohio | 14.69 | 384.27 | . 95 | . 71 | 2.91 | . 48 | . 59 | 2.68 | 8.32 |
| 85 | Houston, Tex........ | - 63.21 | \$50.69 | 1.06 | 1. 28 | 2.50 | . 44 | 1.17 | 7.28 | 13.73 |
| 86 | Covington, Ky | 47.84 | 544.96 | 1.06 | . 77 | 2.13 | . 46 | d. 84 | $e 5.56$ | 10.82 |
| 87 | Akron, Ohio. | 12.38 | 453.88 | . 77 | . 90 | 3.69 | . 60 | . 24 | 2.15 | 8.35 |
| 88 | Dallas, Tex. | 34.591 | 479.70 | . 90 | 1.00 | 1.85 | . 48 | . 72 | 4.39 | 9.34 |
| 89 | Saginaw, Mich | 28.84 | 481.79 | . 79 | . 67 | 3.16 | . 40 | . 79 | 3.50 | 9.31 |
| 90 | Lancaster, Pa | 17.00 | 410.49 | . 39 | . 37 | 2.14 | . 66 | a. 48 | 1.97 | a6.01 |
| 91 | Lincoln, Nebr. | 42. 65 | 473.88 | . 41 | . 68 | 2.77 | . 32 | f. 24 | 3.82 | $f 8.24$ |
| 92 | Brockton, Mass. | 45. 28 | 674.84 | . 97 | 1.29 | 3.81 | . 77 | 2. 28 | 6.32 | 14.94 |
| 93 | Binghamton, N. Y... | 17.50 | 468.49 | . 75 | . 65 | 3.82 | 1.10 | . 76 | 3.73 | 10.81 |
| 94 | Augusta, Ga......... | 48.10 | 486.06 | 1.55 | 1.29 | (g) | . 69 | . 23 | 6.87 | h 10.58 |
| 95 | Pawtucket, R.I.. | 100.93 | 872.33 | 1.15 | . 95 | 3.32 | . 82 | .1.16 | 8.95 | 16.35 |
| 96 | Altoona, Pa.... | 24.31 | 433.75 | . 46 | . 60 | 2.22 | . 41 | . 45 | 2.74 | 6.88 |
| 97 | Wheeling, W, Va. | 14.28 | 608.97 | 1.08 | 1.06 | 2.36 |  | . 27 | 6.20 | 10.97 |
| 98 | Mobile, Ala... | i22.59 | 424. 28 | 1.02 | . 62 | ( ${ }^{\text {d }}$ | . 47 | . 81 | 3.07 | k 5.99 |
| 99 | Birmingham, Ala | $l 52.47$ | 431.60 | 1.45 | . 93 | m. 64 | . 42 | a. 73 | n5. 31 | -9.48 |
| 100 | Little Rock. Ark. | p4.51 | 473.38 | . 75 | . 69 | 1.84 |  | c. 28 | 1.23 | a 4.79 |
| 101 | Springfield, Ohio. | 23.47 | 451.13 | . 85 | . 69 | 2.81 | . 91 | d 1.20 | e 3.73 | 10.19 |
| 102 | Galveston, Tex... | 111.22 | 765.27 | 1. 43 | 1. 85 | 3.44 |  | 9.89 | r8.68 | 16.29 |
| 103 | Tacoma, Wash.. | s110.69 | 539.46 | . 96 | 1.18 | 4.10 |  | . 67 | 10.56 | 17.46 |
| 104 | Haverhill, Mass | 37.85 | 707.86 | . 89 | 1.32 | 3.29 | . 99 | 1.51 | 7.49 | 15.49 |
| 105 | Spokane, Wash ... | $t 71.02$ | 515.40 | 1.05 | 1.68 | 3.93 | . 28 | . 68 | 6.11 | 13.68 |
| 106 | Terre Haute, Ind.. | $\boldsymbol{4} 7.96$ | 523.02 | . 78 | 1.00 | 3.46 | . 69 | . 56 | 3. 55 | 10.04 |
| 107 | Dubuque, Iowa... | 40.92 | 633.98 | .74 | . 86 | 2.53 | . 64 | a 1.06 | 3.27 | a 9. 10 |
| 108 | Quincy, Ill .......... | 25.63 | 148.15 | .70 | . 76 | 2.18 | . 52 | . 33 | 2.79 | $\begin{array}{r}7.27 \\ \hline 7\end{array}$ |
| 109 | South Bend, Ind .... | -17.60 | 386.09 | .49 | . 79 | 1.92 | . 46 | a. 88 | 2.68 | a 7.17 |
| 110 | Salem, Mass. | v18. 67 | 776.52 | 1.06 | . 97 | 3.26 | 1.02 | 1.56 | 7.37 | 15.24 |
| 111 | Johnstown, Pa | 10.98 | 351.58 | . 46 | . 25 | 2.61 | 46 | . 33 | 1.47 | 5. 58 |
| 112 | Elmira, N. Y | 31.04 | $x 472.41$ | . 96 | 1.49 | 8.57 | 1.02 | . 94 | 4.93 | 12.91 |
| 113 | Allentown, Pa.... | 20.28 | 609.48 | .36 | . 62 | 2.58 | . 55 | . 32 | 2.15 | 6.48 |
| 114 | Davenport, Iowa. | v12.92 | 476. 56 | . 72 | . 69 | 4.11 | . 26 | . 80 | 2.81 | 9.39 |
| 115 | McKeesport, Pa ..... | 16.51 | 478.38 | 93 | . 89 | 2.80 | . 55 | . 48 | 3.54 | 9.19 |
| 116 | Springfield, Ill | 28.37 | 185.15 | 1.02 | 1.24 | 2.94 | . 68 | . 61 | 3.98 | 10.42 |
| 117 | Chelsea, Mass | 34.19 | 666.71 | . 99 | . 98 | 3.53 | . 79 | 1.19 | 11. 23 | 18.71 |

a Not including expenditures for street sprinkling, paid for by property owners.
$b$ Not including street-improvement bonds.
0 Not including $\$ 2.36$ in litigation.
d Including expenditures for garbage removal.
e Not incluading expenditures for garbage removal included in street expenditures.
$f$ Not including $\$ 0.14$, value of work performed by citizens in lieu of payment of poll tax in cash.
g $\$ 2.29$ expended by state and county.
$h$ Not including $\$ 2.29$ expended by State and county for schools.
$i$ Including $\$ 1.68$ street-improvement bonds, but not including $\$ 57.77$ debt of old city placed in hands of trustee on reorganization of city.
$j \$ 1.18$ expended by State and county.
$k$ Not including $\$ 1.18$ expended by State and county for schools.
$l$ Not including $\$ 1.77$ improvement bonds to be paid from improvement assessments.
$m$ Not including $\$ 0.60$ expended by State and county, but including expenditures for libraries, art galleries, museums, etc.
$n$ Not including expenditures for libraries, art galleries, museums, etc., included in expenditures for schools.
o Not including $\$ 0.60$ expended by State and county for schools and expenditures for street sprinkling. paid for by property owners.
$p$ Not incluaing the bonded indebtedness of 22 special-improvement districts for which no report is made to the city.
$q$ Not including expenditures for street cleaning included in expenditures for all other purposes.
$r$ Including expenditures for street cleaning.
$s$ Including $\$ 3.09$ local-improvement bonds against private property.
$t$ Including $\$ 6.24$ special-assessment bonds and warrants against private property.
$u$ Not including 82.18 , local-jmprovement bonds.
$v$ Including $\$ 11.23$. street and sewer improvement bonds, held against private property.
wot including \$4.54, trust and endowment funds, regarded as a liability by the city.
$x$ Including $\$ 18.97$, franchises
$y$ Including $\$ 2.30$, improvement bonds secured by abutting property.

TABLE XXV.-PER CAPITA DEBT, ASSESSED VALUATION OF PROPERTY, AND EXPENDITURES FOR MAINTENANCE-Concluded.

| Mar- <br> ginal <br> num- <br> ber. | Cities. | Net debt. | Assessed valuation of real and personal property. | Expenditures for maintenance. |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Police department, including police courts, jails, workhouses, reformatories, etc. | Fire de-partment. | Schools. | Mu-nicipal lighting. | Street <br> ex- <br> penditures, except lighting. | All other purposes. | Total |
| 118 | Chester, Pa | 123.77 | \$426.83 | \$0.71 | \$0.45 | \$2.66 | \$0.64 | \$0.38 | an1. 98 | b \$ 6.82 |
| 119 | York, Pa | 12.30 | 485.69 | . ${ }^{1} .56$ | . 38 | c2.09 | . 63 | \$. 43 | d 1.44 | 5.58 |
| 120 | Malden, Mass | 46.47 | 791.79 | . 88 | . 99 | 4.62 | . 87 | 2.08 | 6.91 | 16.45 |
| 121 | Topeka, Kans | 31.92 | e284.06 | . 80 | . 82 | 2.97 |  | . 95 | 3.84 | 9.38 |
| 122 | Newton, Mass | 115.57 | 1,633. 63 | 1.94 | 1.65 | 5.43 | 1.59 | 4. 62 | 13.58 | 28.71 |
| 123 | Sioux City, Iow | f62. 55 | 164.74 | . 69 | . 84 | 3.47 | . 49 | 01.19 | h3. 49 | i10.17 |
| 124 | Bayonne, N. J. | 52.96 | 420.06 | 1.21 | . 40 | 3.96 | . 90 | . 40 | 7.10 | 13.97 |
| 125 | Knoxville, Tenn .... | 40.85 | 350.41 | . 65 | . 66 | 1.49 | . 71 | 3.50 | le 3.45 | 17.46 |
| 126 | Schenectady, N. Y . . | 29.66 | 370.89 | . 56 | . 53 | 1. 46 | . 62 | . 53 | 3.38 | 7.08 |
| 127 | Fitchburg, Mass. | 45.46 | 751.05 | 1.06 | . 95 | 3.39 | . 96 | 1.58 | 7.23 | 15.17 |
| 128 | Superior, Wis. | 40.66 | 483.92 | . 88 | 1.17 | 3.74 | . 38 | . 58 | 6.02 | 12. 77 |
| 129 | Rockford, Ill . | 15.50 | 192.69 | . 54 | . 86 | 3. 13 | . 63 | + ${ }^{-83}$ | 2.70 | 8. 69 |
| 130 | Taunton, Mass | 45.98 | 686.47 | 1.32 | . 88 | 3. 73 | . 26 | g1. 33 | 7.38 | g14.90 |
| 131 | Canton, Ohio......... | 30.40 | 384. 68 | . 81 | 1.11 | -3.34 | . 78 | . 07 | 3.91 | 10.02 |
| 132 | Butte, Mont.......... | m18.56 | 612.55 | 2.12 | 1.22 | $n 5.56$ | . 72 | 1.76 | n 4.65 | $n 16.03$ |
| 133 | Montgomery, Ala ... | 64.75 | $\begin{array}{r}402.54 \\ \hline\end{array}$ | 1.26 | . 86 | 1.12 | . 61 | 1.64 | 6.49 | -10.98 |
| 134 | Auburn, N. Y ........ | 18.56 | $p 402.91$ | . 61 | . 69 | 2.29 | . 86 | 0.76 | 8.09 | 08.20 |
| 135 | Chattanooga, Tenn .. | 29.11 | 427.49 | 1.02 | 1.10 | 1.47 | $\underline{\text { q. } 20}$ | . 78 | 8.70 | 8.27 |
| 136 | East St, Louls, Ill.... | 29.16 | 154.40 | 1.01 | . 78 | 2.29 | . 46 | 1.18 | 8.27 | 8.94 |
| 137 | Joliet, Ill . . . . . . . . . . . | 6.15 | 119.41 | . 89 | . 91 | 2.05 | . 51 | 1.09 | 1.98 | 7.48 |

a Not including $\$ 0.39$ paid out of sinking fund.
$b$ Not including $\$ 0.39$ paid out of sinking fund, but including $\$ 0.16$ paid out of sinking fund which can not be traced to the various items of expenditure.
c Including expenditures for libraries, art galleries, museums, etc.
d Not including expenditures for libraries, art galleries, museums, etc., included in expenditures for schools.
$e$ Not including $\$ 10.85$, railroad property.
$f$ Including $\$ 8.22$, improvement bonds secured by abutting property.
g Not including expenditures for street sprinkling, paid for by property owners.
$h$ Not including $\$ 2.24$ paid out of sinking fund.
i Not including $\$ 2.24$ paid out of sinking fund and expenditures for street sprinkling paid for by property owners.
$j$ Including expenditures for construction and other capital outlay for sewers; also expenditures for sewers and garbage removal.
$k$ Not including expenditures for sewers and garbage removal included in street expenditures.
$l$ Including expenditures for construction and other capital outlay for sewers.
$m$ Including debt of school district extending beyond city limits.
$n$ Including expenditures of school district extending beyond city limits.
o Including unpaid warrants which can not be traced to the various items of expenditure.
$p$ Including $\$ 11.44$, franchises.
$a$ For 4 months only.

## LABOR CONDITIONS IN CUBA.

## NEW LAW RELATING TO RAILROAD EMPLOYEES.

In connection with the article on "Labor conditions in Cuba" in the last number of the Bulletin, that for July, 1902, on pages 752 and 753, mention was made of the railroad law promulgated in February, 1902, and two sections of the law giving provisions which relate to railroad employees were quoted. This was the law in force at the time the article was prepared for the Bulletin by the author. On April 28, 1902, too late to come to the attention of Dr. Clark, a new order was promulgated by the military governor, General Wood, revoking that portion of the law entitled "Criminal Law Affecting Railroads," which included the two sections referred to above as quoted, and in place thereof substituting provisions differing in many important particulars. The two sections of the present law which relate especially to employees of railroads are as follows:
XI. Everyone is guilty of a crime and liable to prisión correccional in its minimum degree (imprisonment from six months, one day to two years and four months), who by any act willfully obstructs or interrupts, or causes to be obstructed or interrupted, the construction, maintenance or free use of any railway or any part thereof, or any matter or thing appertaining thereto or connected therewith. But nothing in this order shall limit the right of employees either individually or collectively to leave the service of the company except while in train service between stations as provided in article XVIII of this chapter.
XVIII. All railroad employees whose labor is essential to the operation of railroads, who abandon their posts while on train service between stations, without notice and without giving sufficient time to have others substituted in their place and duties, shall be guilty of a crime, punishable by arresto mayor (imprisonment of one month and one day to six months) and shall be liable for injuries occasioned by such act to the punishment prescribed in the Penal Code.

## AGREEMENTS BETWEEN EMPLOYERS AND EMPLOYEES.

[It is the purpose of this Department to publish from time to time important agreements made between large bodies of employers and employees with regard to wages, hours of labor, etc. The Department would be pleased to reeeive copies of such agreements whenever made.]

## BITUMINOUS COAL MINING.

Indianapolis Interstate Agreement for Scale Year Beginning April 1, 1902.

Indianapolis, Ind., February 8, 1902.
In pursuance of the instructions from the joint convention, we hereby reaffirm last year's scale for the year beginning April 1, 1902, and ending April 1, 1903.
Operators. Miners.

## THIN-VEIN DISTRICT OF PENNSYLVANIA.

G. W. Schluederberg. O. A. Blackburn.

OHIO.
Jno. H. Winder. W. J. Mullins.
P. Dolan.

William Dodds.
W. H. Haskins. D. H. Sullịvan.

## block district of indiana.

J. H. McClelland.
W. W. Risher.

William Wilson. Harry Wright.
bituminous district of indiana.

| Jno. K. Seifert. | W. D. Van Horn. |
| :--- | :--- |
| Hugh Shirkie. | J. H. Kennedy. |


|  | ILlinois. |  |
| :--- | :--- | :--- |
| W. N. Taylor. |  | W. R. Russell. |
| W. Keefer. |  | W. D. Ryan. |

In behalf of the United Mine Workers of America:
John Mitchell. T. L. Lewis.

Attest:
W. B. Wilson, Secretary.
W. B. Wilson.

The following is a copy of the Indianapolis interstate agreement for the scale year ending April 1, 1901, which is reaffirmed above:
It is hereby agreed:
Section I. (a) That an advance of fourteen (14) cents per ton of two thousand ( 2,000 ) pounds for pick-mined screened coal shall take effect in western Pennsylvania thin vein, the Hocking, the basing district of Ohio, and the block-coal district of Indiana.
(b) That the Danville district, the basing point of Illinois, shall be continued on an absolute run-of-mine basis, and that an advance of nine (9) cents per ton over present prices be paid in the district named.
(c) That the bituminous-coal district of Indiana shall pay forty-nine (49) cents per ton for all mine-run coalloaded and shipped as such. All other coal mined in that district shall be passed over a regulation screen and be paid for at the rate of eighty (80) cents per ton of two thousand $(2,000)$ pounds for screened lump.
Sec. II. That the screen hereby adopted for the State of Ohio, western Pennsylvania, and the bituminous district of Indiana shall be uniform in size, six (6) feet wide by twelve (12) feet long, built of flat or Akron-shaped bar, of not less than five-eighths ( $\left(\frac{8}{8}\right)$ of an inch surface, with one and one-fourth (14) inches between bars, free from obstructions, and that such screens shall rest upon a sufficient number of bearings to hold the bars in proper position.

Sec. III. That the block-coal district of Indiana may continue the use of the diamond-bar screen, the screen to be seventy-two (72) feet superficial area, of uniform size, one and one-quarter (1.4) inches between the bars, free from obstruction, and that such screens shall rest upon a sufficient number of bearings to hold the bars in proper position.

Sec. IV. That the differential between the thick and thin vein pick mines of the Pittsburg district be referred to that district for settlement.
Sec. V. (a) That the price of machine mining in the bituminous district of Indiana shall be eighteen (18) cents per ton less than the pickmining rate for screened lump coal when punching machines are used, and twenty-one and one-half ( $21 \frac{1}{2}$ ) cents per ton less than pick-mining rate when chain machines are used.

When coal is paid for on run-of-mine basis the price shall be ten (10) cents per ton less than the pick-mining rate when punching machines are used, and twelve and one-half (121) cents per ton less than pick-mining rates when chain machines are used.
(b) That the machine-mining rate in the Danville district, the basing point of Illinois, on both punching and chain machines, be thirtynine (39) cents per ton.

Sec. VI. That the mining rate in the thin vein of the Pittsburg district, and the Hocking, the basing district of Ohio, for shooting, cutting, and loading, shall be advanced nine (9) cents per ton, and that the block-coal district of Indiana shall be advanced eleven and one-half (1112) cents per ton.

Sec. VII. That the mining rates in the central district of Pennsylvania be referred to that district for adjustment.

Sec. VIII. That the advance on inside day labor be twenty per cent ( $20 \%$ ), based on the present Hocking Valley scale, with the exception of trappers, whose compensation shall be one dollar (\$1.00) per day.
Sec. IX. That all narrow dead work and room turning shall be paid a proportionate advance with the pick-mining rate.

Sec. X. That internal differences in any of the States or districts, both as to prices or conditions, shall be referred to the States or districts affected for adjustment.

Sec. XI. The above scale is based upon an eight (8) hour workday.
The foregoing scale, having been unanimously adopted by the Inter-
state Convention of Miners and Operators, at Indianapolis, Indiana, on February 2, 1900, in witness hereof we hereto attach our signatures.

In behalf of operators:
For Pennsylvania-
F. L. Robbins.

Wm. B. Rodgers.
For Ohio-
J. S. Morton.

Walter J. Mullins.
For bituminous district of Indiana-
J. Smith Talley.
A. M. Ogle.

For block-coal district of Indiana-
W. W. Risher.
M. H. Johnson.

For Illinois-
E. T. Bent.

Chas. E. Hull.
In behalf of the $U . M . W$. of $A$ : :

In behalf of miners:
For Pennsylvania-
P. Dolan.

Wm. Dodds.
For Ohio-
W. H. Haskins.
T. L. Lewis.

For block-coal district of Indiana-
William Wilson.
Barney Navin.
For bituminous district of Indiana-
W. D. Van Horn. J. H. Kennedy.

For IllinoisJohn M. Hunter. W. D. Ryan.

John Mitchell, President. W. C. Pearce, Secretary.

Illinois State Agreement for Scale Year Ending March 31, 1903.
Whereas a contract between the operators of the competitive coal fields of Pennsylvania, Ohio, Indiana, and Illinois and the United Mine Workers of America has been entered into at the city of Indianapolis, Indiana, February 8, 1902, by which the present scale of prices at the basic points, asfixed by the agreement made in Indianapolis, Indiana, February 2, 1900, is continued in force and effect for one year from April 1, 1902, to March 31, 1903, inclusive; and
Whereas this contract fixes the pick-mining price of bituminous mine-run coal at Danville at forty-nine cents per ton of two thousand pounds: Therefore, be it

Resolved, That the prices for pick-mined coal throughout the State for one year, beginning April 1, 1902, shall be as follows:

## FIRST DISTRIOT.

Streator, Cardiff, Clarke City, and associated mines, including Toluca thick vein ..... $\$ 0.58$
Third vein and associated mines, including twenty-four inches of brushing ..... 76
Wilmington and associated mines, including Cardiff long wall and Bloomington thin vein, including brushing ..... 81
Bloomington thick vein ..... 71
Pontiac, including twenty-four inches of brushing ..... 81
Pontiac top vein ..... 58
Marseilles ..... 1. 09
(Rate at Marseilles to continue until September 1, 1902, atwhich time the conditions are to be investigated by Presi-dent Russell and Commissioner Justi, and if conditions arechanged, as now contemplated, an equitable adjustment shallbe made.)
Morris and Seneca (referred to a committee composed ofCommissioner Justi and two operators and President Rus-sell and two miners to fix mining prices, which shall becomea part of this contract; the same to be considered beforeMay 1, 1902).
(For settlement at Morris, see Morris local agreement.)Clarke City lower seam, brushing in coal$\$ 0.66$
SECOND DISTRICT.
Danville, Westville, Grape Creek, and associated mines in Vermilion County .....  49
THIRD DISTRICT.
Springfield and associated mines ..... 497
Lincoln and Niantic ..... 53
Colfax .....  53
FOURTK DISTRICT.
Mines on C. \& A. south of Springfield, to and including Car- linville; including Taylorville, Pana, Litchfield, Hillsboro, Witt (Paisley), Divernon, and Pawnee .....  49
Assumption long wall, under present regulations ..... $65 \frac{1}{2}$
Moweaqua room and pillar ..... 53
Mount Pulaski room and pillar ..... 66
Decatur, present conditions ..... 64
FIFTH DISTRICT.
Glen Carbon, Belleville, and associated mines, to and includ- ing Pinckneyville, Willisville, and Nashville .....  49
Coal five feet and under ..... 54
SIXTH DISTRICT.
DuQuoin, Odin, Sandoval, Centralia, and associated mines ..... 45
Salem and Kimmundy ..... 50
SEVENTH DISTRICT.
Mount Vernon ..... 50
Jackson County .....  45
(All coal five feet and under, five cents extra per ton; this not to apply to lower bench, nor rolls or horsebacks.)
Lower bench, Jackson County, for shipping mines, miners to carry fourteen inches brushing ..... 58
Saline County ..... 45
Williamson County ..... 42
Gallatin County (price to be determined by Thomas Jeremiahand Commissioner Justi and become a part of this contract).

Fulton and Peoria counties, thin or lower vein (third vein conditions)

Fulton and Peoria counties, No. 5 vein

Astoria, No. 5 vein (Fulton and Peoria counties conditions).- . 56
Pekin (price of sixty cents per ton continued under provisions similar to those in State agreement for year ending April 1, 1902, viz, price of sixty cents per ton, with Fulton and Peoria counties conditions to be in force for ninety days from April 1, 1902, during which time a record is to be kept to determine cost of removing dirt, etc. Should this rate be found to work a hardship, it shall be readjusted; if it transpires that it is equitable, it shall continue during the life of this agreement. It is understood that the Pekin operators and delegates will determine by what method the readjustment shall be considered).
Fulton and Peoria counties, No. 6 vein (referred to a committee composed of Commissioner Justi and two operators and President Russell and two miners, to fix a mining price, which shall become a part of this contract; the present rate of fifty-nine cents per ton to continue in force pending adjustment by said committee. The same to be considered before May 1, 1902).
Gilchrist, Wanlock, Cable, Sherrard, and Silvis mines, sixty cents per ton, with last year's conditions. In case of deficient work, where miner and mine manager can not ugree as to compensation, the mine committee shall be called in; and if they can not agree, the dispute shall be carried up under the thirteenth clause of the present scale.
Kewanee and Etherley
Pottstown, No. 1 seam, scale to be the same as Gilchrist and Wanlock, except in the brushing of the top, that shall be settled by the subdistrict.

## NINTH DISTRICT.

Mount Olive, Staunton, Gillespie, Clyde, Sorento, and Coffeen, and mines on the Vandalia line as far east as and including Smithboro, and on the B. and O.S. W. as far east as Breese
Coal five feet and under .54
First. The Indianapolis convention having adopted the mining and underground day labor scale in effect April 1, 1900, as the scale for the year beginning April 1, 1902, no changes or conditions shall be imposed in the Illinois scale for the coming year that increase the cost of production of coal in any district in the State, except as may be provided.
Second. No scale of wages shall be made by the United Mine Workers for mine manager, mine manager's assistant, top foreman, company weighman, boss drivers, night boss, head machinist, head boiler maker, head carpenter, night watchman, hoisting engineers, it being understood that "assistant" shall apply to such as are authorized to act in that capacity only. The authority to hire and discharge shall be vested in the mine manager, top foreman, and boss driver.

It is further understood and agreed that the night watchman shall be exempt when employed in that capacity only.
Third. Any operator paying the scale rate of mining and day labor under this agreement shall at all times be at liberty to load any railroad cars whatever, regardless of their ownership, with coal, and sell and deliver such coal in any market and to any person, firm, or corporation that he may desire.
Fourth. The scale of prices for mining per ton of 2,000 pounds run-of-mine coal herein provided for is understood in every case to be for coal free from slate, bone, and other impurities, loaded in cars at the face, weighed before screening; and that the practice of pushing coal by the miners shall be prohibited.
Fifth. (a) Whether the coal is shot after being undercut or sheared by pick or machine, or shot without undercutting or shearing, the miners must drill and blast the coal in accordance with the State mining law of Illinois, in order to protect the roof and timbers in the interest of general safety. If it can be shown that any miner persistently violates the letter or spirit of this clause he shall be discharged.
(b) The system of paying for coal before screening was intended to obviate the many contentions incident to the use of screens, and was not intended to encourage unworkmanlike methods of mining and blasting coal, or to decrease the proportion of screened lump, and the operators are bereby guaranteed the hearty support and cooperation of the United Mine Workers of America in disciplining any miner who, from ignorance or carelessness or other cause, fails to properly mine, shoot, and load his coal.
Sixth. In case slate, bone, clay, sulphur, or other impurities are sent up with the coal by the miner, it shall be the duty of whomever the company shall designate as inspector to report the same, with the estimated weight thereof, and the miner or miners so offending shall have such weight deducted from the established weight of the car, and for the first offense in any given month shall be fined fifty cents; for the second offense in the same month he or they shall, at the option of the operator, be fined two dollars or suspended for two working days; and for the third or any subsequent offense in the same month, or in malicious or aggravated cases for the first or any subsequent offense, the operator may indefinitely suspend or discharge.
The company weighman shall post in a conspicuous place at the pit head the names of all miners dealt with hereunder.
The inspector designated by the operator shall be a member of the U. M. W. of A., but in the discharge of the duties herein specified shall not be subject to the jurisdiction of the local union or president or pit committee, and against any miner or committeeman seeking in any way to embarrass the inspector in or because of the discharge of such duties the provisions of the miners' State constitution shall be invoked, and in addition he shall, at the option of the operator, be suspended for two working days.
In case it shall be alleged by either the local representatives of the miners or by the operator that the inspector is not properly performing his duties hereunder, it shall be so reported to the miners' subdistrict president, who shall, within forty-eight hours after the receipt of notification, take it up with the superintendent of the company for adjudication; and if it shall be found that the inspector is not faithfully performing such duties, he shall be discharged or transferred to other duties, as the operator may elect.

The proceeds of all fines hereunder shall be paid to the miners' subdistrict secretary-treasurer, and under no circumstances shall any such fine be remitted or refunded.

Seventh. The miners of the State of Illinois are to be paid twice a month, the dates of pay to be determined locally, but in no event shall more than one-half month's pay be retained by the operator. When any number of men at any mine so demand, statements will be issued to all employees not less than twenty-four hours prior to pay day. No commissions will be charged for money advanced between pay days, but any advances between pay days shall be at the option of the operator.

Eighth. The price for powder per keg shall be \$1.75; the miners agree to purchase their powder from the operators, provided it is furnished of standard grade and quality, that to be determined by the operators and expert miners jointly where there is a difference.

Ninth. The price for blacksmithing for pick mining shall be sixtenths of a cent per ton for room and pillar work, and twelve and onehalf cents per pay per man, or twenty-five cents per month for long wall for pick and drill sharpening.

Tenth. It is understood that there is no agreement as to the price of oil.
Eleventh. The inside day wage scale authorized by the present agreement-i. e., the Columbus scale of 1898, plus an advance of twenty per cent-shall be the scale under this agreement; but in no case shall less than $\$ 2.10$ be paid for drivers.

Twelfth. The above scale of mining prices is based upon an eighthour workday, and it is definitely understood that this shall mean eight hours' work at the face, exclusive of noontime, six days a week, or forty-eight hours in the week, provided the operator desires the mine to work, and no local ruling shall in any way affect this agreement or impose conditions affecting the same.

Any class of day labor may be paid, at the option of the operator, for the number of hours and fractions thereof actually worked, at an hour rate based on one-eighth of the scale rate per day. Provided, however, that when the men go into the mine in the morning they shall be entitled to two hours' pay, whether the mine hoists coal two hours or not, except in the event that they voluntarily leave their work during this time without the consent of the operator they shall forfeit such two hours' pay. Provided, further, that overtime by day laborers, when necessary to supply railroad chutes with coal by night or Sunday, where no regular men therefor are exclusively employed, or when necessary in order not to impede the operation of the mine the day following, and for work which can not be performed or completed by the regular shift during regular hours without impeding the operation of the mine, may be performed and paid for at the same rate per hour.
Thirteenth. (a) The duties of the pit committee shall be confined to the adjustment of disputes between the pit boss and any of the members of the United Mine Workers of America working in and around the mine, for whom a scale is made, arising out of this agreement or any subdistrict agreement made in connection herewith, where the pit boss and said miner or mine laborers have failed to agree.
(b) In case of any local trouble arising at any shaft through such failure to agree between the pit boss and any miner or mine laborer, the pit committee and the miners' local president and the pit boss are empowered to adjust it; and in the case of their disagreement it shall
be referred to the superintendent of the company and the president of the miners' local executive board, where such exists, and shall they fail to adjust it, and in all other cases, it shall be referred to the superintendent of the company and the miners' president of the subdistrict; and should they fail to adjust it, it shall be referred in writing to the officials of the company concerned and the State officials of the U. M. W. of A. for adjustment; and in all such cases the miners and mine laborers and parties involved must continue at work, pending an investigation and adjustment, until a final decision is reached in the manner above set forth.
(c) If any day men refuse to continue at work because of a grievance which has or has not been taken up for adjustment in the manner provided herein, and such action shall seem likely to impede the operation of the mine, the pit committee shall immediately furnish a man or men to take such vacant place or places at the scale rate, in order that the mine may continue at work; and it shall be the duty of any member or members of the United Mine Workers who may be called upon by the pit boss or pit committee to immediately take the place or places assigned to him or them in pursuance hereof.
(d) The pit committee in the discharge of its duties shall under no circumstances go around the mine for any cause whatever, unless called upon by the pit boss or by a miner or company man who may have a grievance that he can not settle with the boss; and as its duties are confined to the adjustment of any such grievances, it is understood that its members shall not draw any compensation except while actively engaged in the discharge of said duties. Any pit committeeman who shall attempt to execute any local rule or proceeding in conflict with any provision of this contract, or any other made in pursuance hereof, shall be forthwith deposed as committeeman. The foregoing shall not be construed to prohibit the pit committee from looking after the matter of membership dues and initiations in any proper manner.
(e) Members of the pit committee employed as day men shall not leave their places of duty during working hours, except by permission of the operator, or in cases involving the stoppage of the mine.
$(f)$ The right to hire and discharge, the management of the mine, and the direction of the working force are vested exclusively in the operator, and the U. M. W. of A. shall not abridge this right. It is not the intention of this provision to encourage the discharge of employees, or the refusal of employment to applicants because of personal prejudice or activity in matters affecting the U. M. W. of A. If any employee shall be suspended or discharged by the company and it is claimed that an injustice has been done him, an investigation to be conducted by the parties and in the manner set forth in paragraphs (a) and (b) of this section shall be taken up promptly, and, if it is proven that an injustice has been done, the operator shall reinstate said employee and pay him full compensation for the time he has been suspended and out of employment; provided, if no decision shall be rendered within five days, the case shall be considered closed in so far as compensation is concerned.

Fourteenth. The wages now being paid outside day labor at the various mines in this State shall constitute the wage scale for that class of labor during the life of this agreement; provided, that no top man shall receive less than $\$ 1.80$ per day.

Fifteenth. In the event of an instantaneous death by accident in
the mine, the miners and underground employees shall have the privilege of discontinuing work for the remainder of that day, but work, at the option of the operator, shall be resumed the day following, and continue thereafter. In case the operator elects to operate the mine on the day of the funeral of the deceased, as above, or where death has resulted from an accident in the mine, individual miners and underground employees may, at their option, absent themselves from work for the purpose of attending such funeral, but not otherwise. And, in the event that the operator shall elect to operate the mine on the day of such funeral, then, from the proceeds of such day's operation, each member of the U. M. W. of A. employed at the mine at which the deceased member was employed shall contribute fifty cents and the operator $\$ 25.00$ for the benefit of the family of the deceased or his legal representatives, to be collected through the office of the company. Except in case of fatal accidents, as above, the mine shall in no case be thrown idle because of any death or funeral; but in the case of the death of any employee of the company or member of his family, any individual miner may, at his option, absent himself from work for the sake of attending such funeral, but not otherwise.
Sixteenth. (a) The scale of prices herein provided shall include, in ordinary conditions, the work required to load coal and properly timber the working places in the mine, and the operator shall be required to furnish the necessary props and timber in rooms or working face. And in long wall mines it shall include the proper mining of the coal and the brushing and care of the working places and roadway according to the present method and rules relating thereto, which shall continue unchanged.
(b) If any miner shall fail to properly timber, shoot, and care for his working place, and such failure has entailed falls of slate, rock, and the like, the miner whose fault has occasioned such damage shall repair the same without compensation, and if such miner fails to repair such damage he may be discharged.
Any dispute that may arise as to the responsibility under this clause shall be adjusted by the pit committee and mine foreman, and in case of their failure to agree, shall be taken up for settlement under the thirteenth section of this agreement.
In cases where the mine manager directs the placing of cross-bars to permanently secure the roadway, then, and in such cases only, the miner shall be paid at the current price for each cross-bar when properly set.

The above does not contemplate any change from the ordinary method of timbering by the miner for his own safety.

Seventeenth. The operators will recognize the pit committee in the discharge of its duties as herein specified, but not otherwise, and agree to check off union dues, assessments, and fines from the miners and mine laborers, when desired, on proper individual or collective continuous order, and furnish to the miners' representative a statement showing separately the total amount of dues, assessments, and fines collected. When such collections are made, card days shall be abolished. In case any fine is imposed, the propriety of which is questioned, the amount of such fine shall be withheld by the operator until the question has been taken up for adjustment and a decision has been reached.

Eighteenth. The operators shall have the right, in cases of emergency work or ordinary repairs to the plant, to employ in connection therewith such men as in their judgment are best acquainted with and suited to the work to be performed, except where men are permanently employed for such work. Blacksmiths and other skilled labor shall make any necessary repairs to machinery and boilers.
Nineteenth. The erection of head frames, buildings, scales, machinery, railroad switches, etc., necessary for the completion of a plant to hoist coal, all being in the nature of construction work, are to be excluded from the jurisdiction of the United Mine Workers of America. Extensive repairs to or rebuilding the same class of work shall also be included in the same exception. The employees thereon to be excluded, as above, when employed on such work only.

Twentieth. When any employee absents himself from his work for a period of two days, unless through sickness or by first having notified the mine manager and obtained his consent, he may be discharged.

Twenty-first. (a) Except at the basing point, Danville, the differential for machine mining throughout the State of Illinois shall be seven cents per ton less than the pick mining rate. It being understood and agreed that the machine mining rate shall include the snubbing of coal either by powder or wedge and sledge, as conditions may warrant, where chain machine is used; but it is understood that this condition shall not apply where two men have and work in one place only in the same shift, except at the option of the miner; and it shall also be optional with the miner which system of snubbing shall be followed. The division of the machine mining rate shall be fixed in joint subdistrict meetings.
(b) The established rates on shearing machines and air or electric drills as now existing shall remain unchanged during the ensuing year.
Twenty-second. Any underground employee not on hand so as to go down to his work before the hour for commencing work shall not be entitled to go below except at the convenience of the company. When an employee is sick or injured, he shall be given a cage at once. When a cage load of men comes to the bottom of the shaft, who have been prevented from working by reason of falls or other things over which they have no control, they shall be given a cage at once. For the accommodation of individual employees, less than a cage load, who have been prevented from working as above, a cage shall be run midforenoon, noon, and midafternoon of each working day; provided, however, that the foregoing shall not be permitted to enable men to leave their work for other than the reasons stated above.
Twenty-third. This contract is in no case to be set aside because of any rules of the U. M. W. of A. now in force or which may hereafter be adopted; nor is this contract to be set aside by reason of any provision in their national, State, or local constitutions.

Twenty-fourth. All classes of day labor are to work full eight hours, and the going to and coming from the respective working places is to be done on the day hand's own time. All company men shall perform whatever day labor the foreman may direct. An eight-hour day means eight hours' work in the mines at the usual working places, exclusive of noon time, for all classes of inside day labor. This shall be exclusive of the time required in reaching such working places in the morning and departing from same at night.

Drivers shall take their mules to and from the stables, and the time required in so doing shall not include any part of the day's labor, their time beginning when they reach the change at which they receive empty cars-that is, the parting drivers at the shaft bottom and the inside drivers at the parting-and ending at the same places; but in no case shall a driver's time be docked while he is waiting for such cars at the points named. The inside drivers, at their option, may either walk to and from their parting or take with them, without compensation, either loaded or empty cars, to enable them to ride. This provision, however, shall not prevent the inside driver from bringing to and taking from the bottom regular trips, if so directed by the operator, provided such work is done within the eight hours.

The methods at present existing covering the harnessing, unharnessing, feeding, and caring for the mules shall be continued throughout the scale year beginning April 1, 1902; but in cases where any grievances exist in respect to same, they shall be referred to the subdistrict meetings for adjustment.
When the stables at which the mules are kept are located on the surface and the mules are taken in and out of the mines daily by the drivers, the question of additional compensation therefor, if any, is to be left to the subdistricts affected for adjustment, at their joint subdistrict meetings.

Twenty-fifth. Mission Field scale is referred to Danville subdistrict for adjustment.

Twenty-sixth. The company shall keep the mine in as dry condition as practicable by keeping the water off the roads and out of the working places.
Twenty-seventh. The operator shall keep sufficient blankets, oil, bandages, etc., and provide suitable ambulance or conveyances at all mines to properly convey injured persons to their homes after an accident.
Twenty-eighth. The operator shall see that an equal turn is offered each miner, and that he be given a fair chance to obtain the same. The check-weighman shall keep a turn bulletin for the turn keeper's guidance. The drivers shall be subject to whomever the mine manager shall designate as turn keeper, in pursuance hereof.

In mines where there is both hand and machine mining an equal turn shall mean approximately the same turn to each man in the machine part of the mine, and approximately the same turn to each man doing hand work; but not necessarily the same to each hand miner as to each man working with the machines.
Twenty-ninth. There shall be no demands made locally that are not specifically set forth in this agreement, except as agreed to in joint subdistrict meetings held prior to May 1, 1902. Where no subdistricts exist, local grievances shall be referred to the United Mine Workers' State executive board and the mine owners interested.

The United Mine Workers of America, District No. 12. W. R. Russell, President. T. J. Reynolds, Vice-President. W. D. Ryan, Secretary. Treasurer.

The Illinots Coal Operators' Association. o. L. Garrison, President. E. T. Bent, Secretary.

Peoria, March 13, 1902.

The district and local agreements made between operators and miners in Illinois would require too much space to be published in this connection. Copies of these agreements may be obtained by applying to Herman Justi, commissioner of the Illinois Coal Operators' Association, Chicago, 11.

## RECENT REPORTS OF STATE BUREAUS OF LABOR STATISTICS.

## LOUISIANA.

## First Annual Report of the Bureau of Statistics of Labor for the State of Louisiana. 1901. Thomas Harrison, Commissioner. 267 pp.

The law of July $9,1900,\left(^{a}\right)$ being act 79 of the acts of the general assembly in its regular session of that year, established a bureau of statistics of labor, with a provision that the commissioner of said bureau should make annual reports to the governor of the State, presenting statistical details relating to all departments of labor in the State. In pursuance of this duty the first annual report has been issued, covering the year 1901. The subjects presented are: Population of Louisiana, 35 pages; labor laws, 62 pages; laws of various States creating bureaus of labor, 34 pages; manufactures, 32 pages; labor on steam and street railways, 6 pages; labor organizations and industrial disputes, 10 pages; miscellaneous, 73 pages. The last chapter presents facts as to exports, the port of New Orleans, resources of the State, and addresses by Carroll D. Wright, Calvin M. Woodward, and Francis E. Cook on certain educational phases of the industrial question. In appendixes are given the rules of the Association of Officials of Bureaus of Labor Statistics of America and of the International Association for the Legal Protection of Labor.

Manufactures.-The bureau secured returns from 98 establishments, giving capital invested, value of materials and products, number and wages or salaries of employees, hours of labor, weeks in operation, etc. The returns were not complete in all instances, and no summaries are attempted. A series of tables based on the reports of the Twelfth and previous censuses is also given.
Labor on Steam and Street Railways.-Eight steam railroads and 5 street railways are reported on as to mileage, number of employees, total wages paid, hours of labor, days of employment, etc. As in the case of manufactures, no totals are given.

Labor Organizations and Industrial Disputes.-Thirty-eight labor organizations answered the bureau's inquiries. These related to date of organization, membership, wages, hours of labor, and benefit features. No occupations are reported, the organizations being designated only by schedule number. The number of members is 5,908 , one union not reporting.
The report on industrial disputes is in the form of brief accounts of each of the 15 demands or strikes reported to the bureau. Space is also given to a number of suggestions as to desired legislation.

[^22]
## MARYLAND.

## Tenth Annual Report of the Bureau of Industrial Statistics of Maryland, 1901. Thomas A. Smith, Chief. ix, 255 pp.

The following subjects are treated in this report, namely: Conciliation and arbitration, 3 pages; prices and wages, 6 pages; strikes, 17 pages; labor organizations, 2 pages; employment bureaus, 16 pages; coal output for 1901, 1 page; agriculture, 26 pages; canning and packing industries, 13 pages; manufactures, 47 pages; the clothing industry, 40 pages; employment of children, 4 pages; manual-training schools, 14 pages; immigration, 1 page; new incorporations, 15 pages; labor laws, 36 pages.
Conciliation and Arbitration.-After brief introductory remarks there is presented a proposed bill for submission to the legislature, providing for investigation and mediation by the bureau in cases of labor disputes.
Prices and Wages.-The data here given relate to conditions in the city of Baltimore in 1901, with comparisons with figures for 1890 and 1895. The wages given are average for representative occupations; the prices are for 29 articles of meats, vegetables, canned goods, and groceries. Income and itemized cost of living are also given for each of 11 workingmen.

Strikes.-Sixteen strikes are reported as having occurred in 1901, 13 of which were in Baltimore. Nine strikes were for increase of wages, 6 for a shorter working day, and 1 to restrict production for the purpose of maintaining prices. There were 9 strikes ordered by labor organizations, 4 of which were successful, while of the 7 undertaken without organization 1 succeeded partly and the rest failed. The number of strikers was 2,552 , throwing 3,430 persons out of employment. The wage loss is reported at $\$ 100,715$, or $\$ 29.36$ per employee. The loss to employers is estimated at $\$ 62,650$.

Labor Organizations.-Returns were secured from but 22 organizations, though the number in the State is placed at about 100 . A directory and reports on trade conditions and wages and hours of labor make up the main part of this section.
Employment Bureaus.-In this section is given a report of an investigation of employment bureaus in Baltimore, together with a statement of the benefits of free public employment offices and an account of an experiment in that direction made by the commissioner without legislative direction. From the report it appears that 124 males and 14 females applied for work, and 53 males and 6 females were assisted in securing positions during 1901. There were 85 applications for male help and 304 for female help.
Canning and Packing Industries.-This chapter gives a brief history of these industries, with a more extended account of present conditions. A table presents statistics taken from the report of the

Twelfth Census; the bureau gives estimates for the year 1901. The oyster industry is treated separately.

Manufactures.-Under this head is given a series of tables based on the reports of the Twelfth Census, and a brief text discussion.
The Clothing Industry.-Census statistics are here presented, followed by a report on sweat shops in Baltimore, giving their location, details of inspection, prices paid for work, and a table showing earnings and itemized expenses of ten sweat-shop employees. Six coat-making shops pay sewing-machine operators from $\$ 9.75$ to $\$ 15$ per week; basters, $\$ 7.80$ to $\$ 15$; finishers, $\$ 4.50$ to $\$ 7.25$; fellers, $\$ 5$ to $\$ 5.75$; for pressing, 8 and 9 cents per coat; and for machine made buttonholes, 60 cents per hundred. Employment averages about eight months per year.

Emplorment of Children.-Under this head is a brief consideration of the subject, based partly on census returns and partly on inquiries made by the bureau. No tables are presented.
Manual Training Schools.-This chapter reports the present status of manual training, following the recent legislative provisions for the same in the public schools of the State. It appears that 2,218 pupils are receiving such training, and that 19 teachers devote their entire time to the work. These numbers relate to the State outside the city of Baltimore, which has given such instruction for a number of years.

A portion of an address delivered by Prof. Calvin M. Woodward, of St. Louis, before the late meeting of the Officials of Bureaus of Labor Statistics is also given in the report.

NEW JERSEY.
Twenty-third Annual Report of the Bureau of Statistics of Labor and Industries of New Jersey, for the year ending October 31, 1900. William Stainsby, Chief. vi, 329 pp .

The subjects presented in this report are: Statistics of manufactures, 134 pages; movement of wages and employment during 1899, 16 pages; cost of living, 13 pages; trade unions, 47 pages; railroad transportation, 10 pages; street railways, 4 pages; the glass industry and company stores of South Jersey, 20 pages; laws and court decisions affecting labor, 16 pages; Jewish colonies of South Jersey, 26 pages; industrial chronology, 21 pages.

Statistics of Manufactures.-Returns were secured from 1,681 establishments representing 88 general industries, and 57 establishments classed as miscellaneous. The facts presented are grouped into 9 tables, as follows: Number of firms and corporations, partners and stockholders, by industries; capital invested and value of materials and products; three tables showing smallest, greatest, and average number of employees by industries, and aggregates by months; wages paid, and average yearly earnings; classified weekly wages; hours of
labor, days in operation, and proportion of business done; and a summary of the foregoing facts for 9 principal industries. Additional tables show for certain industries the amount and value of specified materials used and of specified goods made; also a series of comparisons between identical establishments in 49 industries for the years 1898 and 1899.

Of the 1,738 establishments reporting, 1,735 report capital invested, the total being $\$ 255,689,550 ; 1,728$ report value of materials used at $\$ 200,901,940$, and of products at $\$ 355,465,970$. The average number of employees in all industries was 176,954 . Of the 1,738 establishments, 934 , or 53.74 per cent, were owned by private firms, and 804 , or 46.26 per cent, by corporations. Of the capital reported, $\$ 48,767,189$, or 19.07 per cent, was invested by private firms, and $\$ 206,922,361$, or 80.93 per cent, by corporations. The per capita investment in private firms by 1,636 owners or partners averaged $\$ 29,809 ; 28,774$ stockholders in corporations have an average investment of $\$ 7,191$ per capita.

Twenty-nine industries are reported as having a product in 1899 of the value of $\$ 3,000,000$ or over. These 29 industries represent 73.69 per cent of the capital invested, 78.82 per cent of the total industry product of the State as here shown, and give employment to 69.13 per cent of the employees engaged in manufactures.

The following tables present the principal data for these industries:
STATISTICS OF 29 LEADING INDUS!RIES, 1899.


## REPORTS OF STATE BUREAUS OF LABOR-NEW JERSEY. 1073

STATISTIGS OF 29 LEADING INDUSTRIES, 1899-Concluded.

| Industries. | Capital invested. | Value of material used. | Value of product. | Average emees. | Wages paid. | Average yearly earn ings. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Brewin | \$17,765,799 | \$2,887, 462 | \$11, 691, 016 | 1,736 | \$1,398,075 | 80 |
| Brick and terra cot | 7,059,502 | 1,384,955 | 4,931, 848 | 5,001 | 2,013,843 | 402.68 |
| Chemical products | 13,798, 456 | 8,104, 981 | 13,800, 362 | 3, 275 | 1,572,793 | 480.24 |
| Cigars and tobacco | 6,067, 798 | 3,622, 701 | 7,016, 231 | 2,701 | 834, 042 | 308.79 |
| Cotton goods. | 3,910,597 | 2, 303, 279 | 4,854, 826 | 4,728 | 1,333,739 | 282.09 |
| Cotton goods, finishing a | 4,453,903 | 5, 385, 571 | 8,286,900 | 3,695 | 1,511,761 | 409.13 |
| Electrical appliances | 7, 304, 211 | 1, 835, 468 | 3, 895, 152 | 2,006 | 1,081,470 | 539.11 |
| Fertilizers. | 3, 912,100 | 2,732,775 | 4,128, 436 | 944 | 456,569 | 483.65 |
| Food products | 2,138, 243 | 6,917,669 | 8, 191, 961 | 1,201 | 525,678 | 437. 70 |
| Foundries, | 2, 924,147 | 2, 829, 841 | 5,923, 189 | 3, 536 | 1,860, 871 | 526. 26 |
| Glass | 4,045, 452 | 1,416, 693 | 4,936, 726 | 5,148 | 2, 438, 246 | 473.63 |
| Hats, fel | 2,155, 283 | 3,750, 012 | 7,548, 645 | 5,233 | 2,559,917 | 489.18 |
| Jewelry | 3,174, 510 | 3, 25317 | 6, 489, 470 | 2,410 | 1, 364,846 | 566.32 |
| Lamps | ${ }_{6}^{1,894,510}$ | 1, 617, 320 | ${ }_{1} \mathbf{3}, 39878,631$ | 2,060 | 759,612 | 368.74 |
| Machinery | 15,623,634 | 6, 236, 477 | 16,695, 256 | a11, 648 | a 6,758, | 579.78 |
| Metal go | 5,302,217 | 6,453,068 | 9, 487,237 | 4,061 | 1,612,894 | 397.16 |
| Oilcloth | 1,980,000 | 2,299, 018 | 3,534, 665 |  | 411, 320 | 481.07 |
| Oils | 17, 342, 953 | 30,371, 378 | 34, 102,998 | 2,682 | 1,579,342 | 688. 86 |
| Paper | 3,110, 290 | 2, 869, 810 | 4, 863, 516 | 1, 804 | 816, 386 | 452.54 |
| Pottery | 5,502, 462 |  |  |  | 1, 981, 118 | 560.43 |
| Rubber | 6,700,548 <br> 2,320, 191 | $8,205,344$ $\mathbf{3 , 6 7 0}, 981$ | $12,441,996$ <br> $6,682,954$ | 4, 4,718 | $1,739,918$ $1,755,945$ | 431. 31 372.18 |
| Silk dyein | 1,996,190 | 2,210, 237 | 4,687,778 | 3,574 | 1,531,874 | 428.61 |
| Silk weaving | 19, 737,047 | 21,812, 149 | 37, 587, 209 | 21, 672 | 8, 727, 789 | 402.72 |
| Smelting and refining | 5,660,000 | b9,325, 507 | b 17, 430,973 | 2, 527 | 1, 190, 655 | 471.17 |
| Steel and iron, forging | 2,763, 206 | 3,340, 322 | 5,037,411 | 2,156 | 1,181,005 | 547.77 |
| Steel and iron, structura Woolen and worsted good | $5,614,970$ $\mathbf{7}, 959,617$ | $\begin{array}{r} c 2,922,704 \\ 6,543,420 \end{array}$ | $\begin{gathered} c 5,713,715 \\ 10,515,033 \end{gathered}$ | 6, <br> 6,656 | $\begin{aligned} & \mathbf{2}, 196,177 \\ & \mathbf{2}, 040,666 \end{aligned}$ | 442.68 306.59 |
| Total | 188, 426,595 | a162, 915, 451 | d280, 164, 492 | a122,332 | $a 55,011,387$ |  |

a Not including 45 establishments not reported.
$b$ Not including 2 establishments not reported.
e Not including 1 establishment not reported.
a Not including 9 establishments not reported.
The following table presents, by sex, the number and per cent of persons employed in all industries ( 1,738 establishments) at the specified rates of wages:

EMPLOYEES IN ALL INDUSTRIES (1,738 ESTABLISHMENTS) RECEIVING CLASSIFIED RATES OF WAGES, BY SEX, 1899

| Weekly wages. | Males. |  | Females. |  | Total. |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Number. | Per cent. | Number. | Per cent. | Number. | Per cent. |
| Under \$5 | 15,983 | 10.92 | 18,431 | $36.14{ }^{\circ}$ | 34,364 | 17.45 |
| 85 or under 86 | 6, 487 | 4.44 | 8,969 | 17.59 | 15,456 | 7.85 |
| \$6 or under \$7. | 8,781 | 6.02 | 8,142 | 15.96 | 16,923 | 8.59 |
| 87 or under 88. | 14, 501 | 9.98 | 5,568 | 10.92 | 20,069 | 10.19 |
| 88 or under $\$ 9$. | 13, 492 | 9.24 | 3,516 | 6.89 | 17,008 | 8.63 |
| \$9 or under \$ $\$ 10$. | 18, 542 | 12.70 | 2,348 | 4.60 | 20,890 | 10.60 |
| \$10 or under \$12. | 19,757 | 13. 53 | 2,260 | 4.43 | 22,017 | 11.18 |
| \$12 or under $\$ 15$. | 21,172 | 14.50 | 1,389 | 2.63 | 22, 511 | 11.48 |
| \$15 or under \$20. | 19,206 | 18.16 | 379 | . 74 | 19,585 | 9.94 |
| \$20 or over . . . | 8,110 | 5.56 | 51 | . 10 | 8,161 | 4.14 |
| Total. | 145,981 | 100.00 | 51,003 | 100.00 | 196,984 | 100.00 |

From this table it appears that more than one-third of the females employed in the manufactures of the State receive less than $\$ 5$ per week, and that the per cents steadily diminish as the wage rate rises, more than one-half the whole number being found in the groups receiving less than $\$ 6$. Nearly 11 per cent of the males receive less than $\$ 5$
weekly, presumably largely boys. Beginning with the next rate the groups increase, with one exception, until the rate " $\$ 9$ or under $\$ 10$ " is reached. Above this rate the groups include ranges of $\$ 2, \$ 3$, and $\$ 5$, so that the comparison can be carried no farther. At a rate somewhat less than $\$ 10$ is found the median wage for males, while females receiving $\$ 9$ or more weekly comprise but 12.50 per cent of the total number of females employed.
From the tables showing comparative statistics for 1898 and 1899 the following summary is taken. The totals are for identical establishments in 49 industries:

COMPARATIVE STATISTIGS OF MANUFACTURES IN 1,010 ESTABLISHMENTS, 1898 AND 1899.

| Years. | Capital invested. | Cost of material. | Value of products. | Wages paid. |
| :---: | :---: | :---: | :---: | :---: |
| 1898. | \$129,962,754 | \$117, 263,354 | \$203, 093, 642 | - \$48,230,569 |
| 1899. | 148, 439, 113 | 140, 791, 108 | 238,969, 304 | a 58, 775, 984 |

$a$ For 1,077 establishments.
Aside from the growth of business shown by these figures, the fact is worthy of note that 22 establishments which are reported as owned by corporations in 1899 were reported as owned by- firms in the previous year.

Movement of Wages and Employment.-Reports received from 454 establishments were sufficiently complete to enable a comparison as to the number of employees in 1898 and 1899, and also to show the number of employees receiving an increase of wages in 1899. The number of persons employed in these establishments was 57,472 in 1899 as against 46,896 in 1898 , a gain of 22.55 per cent. Of the 57,472 employees in 1899, 42,264 received an average increase in wages of 9.8 per cent within the year.

Cost of Living.-This is a continuation of the presentation of previous years, and shows the retail prices of 51 items of food and other commodities in the principal markets in all counties of the State in the month of June, 1900. Summary comparisons with 1898 and 1899 are also given.

Trade Unions.- Under this head are given 10 tables showing membership, rates of wages, hours of labor, and benefit features of 53 labor organizations in the State, together with an extended analysis and general discussion. The membership of these unions was 6,918 . Forty-four unions had a total income of $\$ 46,369$, of which 39 paid $\$ 13,604$ to the national union. Benefits were paid by 31 unions to the amount of $\$ 21,365$. Eight (the whole number reporting) cigarmakers' unions, a musicians' union, and 7 of the 12 carpenters' unions report an eight-hour day. The longest day reported is eleven hours by 3 bakers' unions and a retail clerks' protective association. The reports
show increase of wages secured through organization in amounts varying from $\$ 0.20$ to $\$ 2$ per day in the different industries.
Steam Railroad Transportation.-Tables are presented showing number, working time, and average wages of railroad employees, in the aggregate, and for each of the 7 roads operating in New Jersey.

Street Railways.-Reports were secured from but two compan-ies-those which control the systems in and about Newark and Jersey City. The first-named employs 3,065 persons, at an average weekly wage of $\$ 11.88$. The largest groups of employees are motormen, 1,017 , whose average weekly earnings are $\$ 12.66$; and conductors, 1,053 , at an average wage of $\$ 12.14$ per week. These employees work ten to twelve hours per day for six and seven days per week. The second company pays 1,081 employees an average of $\$ 10.05$ per week. Its 345 motormen and 352 conductors receive $\$ 10.25$ and $\$ 10$ per week, respectively, working ten hours daily, and six and seven days per week.

The Glass Industry and Company Stores of South Jersey.This is a sketch presenting former and present industrial conditions, with some account of the different acts of legislation intended to remedy certain abuses. These relate particularly to payment of wages and company stores. The remedy seems to have been found by the parties concerned meeting by representative committees in a conference which agreed to rules as to wage scales and apprentices and abolished compulsory trading at company stores and compulsory occupancy of company houses.

The Jewish Colonies of South Jersey.-There is here given a historical account of the establishment and growth of a number of colonies planted to provide for a class of immigrants who were practically exiles. The oldest colony was planted in 1882 , since which time a number of others have been attempted with varying success. Some of them are quite prosperous and are of especial interest as showing the possibility of a class of persons who usually flock into cities to become competitors in an overstocked labor market turning their attention to agriculture and succeeding. Those colonies whose object was entirely speculative have almost uniformly failed.

## REPORTS OF STATE BOARDS OF ARBITRATION.

## ILLINOIS.

Sixth Annual Report of the State Board of Arbitration. March 1, 1901. J. McCan Davis, Secretary. 59 pp.

This report is for the year ending March 31, 1901. Within this year two cases were submitted to the board and a third was acted upon at the request of one party. In earh instance the recommendations of the board were adopted. The report presents the decisions and a synopsis of the evidence in each case; also the evidence of the secretary
of the board before the United States Industrial Commission, and a copy of the arbitration law of the State and of a circular of information prepared by the board relative to its powers and duties.

## MASSACHUSETTS.

> Siateenth Annual Report of the State.Board of Conciliation and Arbitration, for the year ending December 31, 1901. B. F. Supple, Secretary. 225 pp .

In this report a brief review of the year's work of the board is followed by a detailed account of its proceedings in each of 108 difficulties that came to its notice. An appendix contains the laws of the United States and of various States relating to the subjects of arbitration and conciliation.
Nine cases of arbitration were referred to the board. In one of these the employer went out of business before a conclusion was reached, so that but 8 decisions were rendered. There were 39 conciliations effected by the board, 26 other cases were found to be in process of mutual settlement, and in 16 cases the struggle was fought to an end, new employees being taken on in place of those who had been dissatisfied. Eighteen disputes were abandoned by the board for various reasons.
There were joint requests for the services of the board in 37 instances, and by one of the parties in 27 . In the remaining 44 cases the board's interposition was voluntary. In 95 cases the difficulty had taken the form of a strike.

Questions relating to wages occasioned 44 per cent of the difficulties; hours and conditions of labor, 39.2 per cent; and sentiment, as sympathy, discharges, etc., 16.8 per cent.

## NEW YORK.

## Fourteenth Annual Report of the Board of Mediation and Arbitration. January, 1901. Thos. A. Braniff, Secretary. 372 pp.

This report contains an account of the more important labor disputes within the State during the year 1900 , and a statement of the proceedings of the board in a number of the principal cases. The arbitration laws of various States are also given.

There were 547 strikes and lockouts in the State during the year, of which 335 were successful or compromised, while 212 failed. Questions relating to wages were responsible for 363 disputes, and unionism for 104 , leaving but 80 for all other causes.

It appears that considerably less than one-half of these disputes came before the board. No summary of results appears in the report.

# RECENT FOREIGN STATISTICAL PUBLICATIONS. 

## FRANCE.

Statistique des Grèves et des Recours à la Conciliation et à l'Arbitrage Survenus Pendant l'Année 1900. Direction du Travail, Ministère du Commerce, de l'Industrie, des Postes et des Télégraphes. xvi, 619 pp.
The present volume is the tenth of a series of annual reports on strikes and conciliation and arbitration issued by the French labor bureau. The information is presented in form similar to that contained in previous reports of the bureau.

Strikes.-During the year there were 902 strikes, involving 222,714 strikers. Eight hundred and ninety-nine strikes involved 10,253 establishments. The strikes resulted in an aggregate loss of 3,760,577 working days, including $1,115,524$ days lost by 26,757 employees who were not strikers. The average time lost per striker was 12 days. Of the strikers 180,591 were men, 29,753 were women, and 12,370 were young persons. The year 1900 had the largest number of strikes, strikers, and days lost on account of strikes of any year since the publication of strike data, there being an increase of 162 strikes, 45,888 strikers, and 209,843 days lost over the preceding year. Only 1 lockout is reported, 1 establishment and 55 employees being affected by it. Of the 902 strikes reported in 1900,552 were participated in by members of labor organizations, and in 253 strikes the employers were organized. Twenty-three workingmen's unions and 1 employers' association were organized while strikes were in progress or immediately afterwards. In 42 strikes regular aid was given by labor organizations for the relief of strikers.

Of the 902 strikes reported, 631 involved but 1 establishment each, 91 involved from 2 to 5 establishments, 53 from 6 to 10 establishments, 73 from 11 to 25 establishments, 31 from 26 to 50 establishments, 15 from 51 to 100 establishments. Of the 8 remaining strikes, 7 involved from 110 to 812 establishments, and 1 involved 2,500 establishments.

As regards the results of the disputes in 1900,205 strikes, involving 24,216 strikers, were successful; 360 strikes, involving 140,358 strikers, were partly successful, and 337 strikes, involving 58,140 strikers, failed.

The two tables following show the number of strikes, strikers, and establishments involved, according to the results of strikes, also the number of working days lost, and the proportion that the number of strikers is to the total number of working people in each of 17 groups of industries:

STRIKES BY INDUSTRIES, 1900

| Industries, | Succeeded. |  | Succeeded partly. |  | Failed. |  | Total. |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Strikes. | Estab-lishments. | Strikes. | $\begin{aligned} & \text { Estab- } \\ & \text { lish- } \\ & \text { ments. } \end{aligned}$ | Strikes. | Estab-lishments. | Strikes. | Estab-lishments. |
| Agriculture, forestry, and fisheries | 3 | $a 2$ | 7 | 66 | 4 | 5 | 14 | 73 |
| Mining......................... | 4 | 4 | 16 | 24 | 21 | 22 | 41 | 50 |
| Quarrying.. | 1 | 1 | 6 | 15 | 5 | 5 | 12 | 21 |
| Food products............... | 6 | 111 | 15 | 1,040 | 18 | 247 | 39 | 1,398 |
| Chemical industries. | 5 | 14 | 11 | 14 | 11 | 48 | 27 | 71 |
| Paper and printing......... | 3 | 5 | 6 | 65 | 13 | 14 | 22 | 84 |
| Hides and leathergoods.... | 10 | 31 | 19 | 182 | 18 | 567 | 47 | 780 |
| Textiles proper.............. | 55 | 116 | 90 | 391 | 91 | 458 | 236 | 965 |
| Clothing, cleaning, and upholstery | 7 | 49 | 12 | 890 | 7 | 11 | 26 | 950 |
| Woodworking ............... | 10 | 39 | 14 | 613 | 19 | 28 | 43 | 680 |
| Building trades (woodwork) | 5 | 58 | 17 | 311 | 2 | 3 | 24 | 372 |
| Metal refining............... | 5 | 5 | 5 | 5 | 7 | 7 | 17 | 17 |
| Metallic goods............... | 22 | $\boldsymbol{a} 62$ | 27 | 232 | 39 | 133 | 88 | 427 |
| Precious-metal work........ | 2 | 2 |  |  | 2 | 2 | 4 |  |
| Stone, earthenware, and glass. | 9 | 10 | 13 | 38 | 6 | 11 | 28 | 59 |
| Building trades (stone, tile, excavating, etc., work).. | 24 | 140 | 37 | 480 | 45 | 183 | 106 | 803 |
| Transportation and handling | 34 | a 116 | 65 | 3,246 | 29 | 137 | 128 | 3,499 |
| Total | 205 | b 765 | 360 | 7,612 | 337 | 1,876 | 902 | 10,253 |

$a$ Not including establishments in 1 strike not reported.
$b$ Not including establishments in 3 strikes not reported
STRIKERS AND DAYS OF WORK LOST BY ALL EMPLOYEES THROWN OUT OF WORK BY STRIKES IN 1900, BY INDUSTRIES.

| Industries. | Strikers in strikes which- |  |  | Total strikers. | Strikers per 1,600 working people. (a) | Days of work lost by all emthrown out of work. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Succeeded. | Succeeded partly. | Failed. |  |  |  |
| Agriculture, forestry, and fisheries | 161 | 1,707 | 491 | 2,359 | 0.74 | 15, 4¢6 |
| Mining | 803 | 38, 384 | 7,740 | 41,927 | 269.48 | 477, 260 |
| Quarrying | 20 | 1,378 | 452 | 1,850 | 33.43 | 10,007 |
| Food products | 207 | 3,847 | 673 | 4,727 | 17.20 | 41,662 |
| Chemical industries | 467 | 5,015 | 5,363 | 10,845 | 140.80 | 74,067 |
| Paper and printing. | 118 | , 689 | ${ }^{381}$ | 1,188 | 9.47 | 7,907 |
| Hides and leather goon | 321 | 3,121 | 8,329 | 11,771 | 70.07 | 191,020 |
| Textiles proper | 7,104 | 29,724 | 12,590 | 49,418 | 77.52 | 1,716,129 |
| Clothing, cleaning, and upholstery. | 654 | 9,777 | 360 | 10,791 | 24.18 | 58,474 |
| Woodworking | 673 | 3,214 | 1,723 | 5,610 | ${ }^{b} 22.84$ | 44,388 |
| Building trades (woodwork) | 155 | 2,188 | 12 | 2,355 |  | 29,798 |
| Metal refining | 3, ${ }^{392}$ | (856 | 1,745 4,289 | 2,993 | 53.72 | 34,302 112,618 |
| Precious-metal work | -83 | 7,844 | - 34 | 15,117 | 5.72 | 12,200 |
| Stone, earthenware, and glass............ | 611 | 2, 338 | 220 | 3,169 | 19.60 | 441,590 |
| Building trades (stone, tile, excavating, etc., work <br> Transportation and handiug. | 1,681 7,615 | 69,085 $\mathbf{2 9 , 2 4 1}$ | 3, 10, 269 | $\begin{aligned} & \mathbf{4 1 , 1 8 5}, 125 \end{aligned}$ | 32.65 76.38 | $\begin{aligned} & 140,456 \\ & 363,203 \end{aligned}$ |
| Total. | 24,216 | 140,358 | 58,140 | 222,714 | ${ }^{\text {a }} 56.47$ | 3,760,577 |

a Figures in this column are according to the census of 1896.
$b$ Including building trades (woodwork).
o Included in woodworking.
a Figures relate to all industrial working people in France.
Of the different industries, the textiles furnished 236 strikes and 49,418 strikers; the building trades, 130 strikes and 13,540 strikers; transportation and handling, 128 strikes and 47,125 strikers; metals and metallic goods, 109 strikes and 18,394 strikers; mining, 41 strikes and 41,927 strikers; making 644 strikes and 170,404 strikers for these five groups of industries, or nearly three-fourths of the total number of strikes and more than three-fourths of the total number of strikers. Considering the number of persons actually engaged in the various
industries according to the census of 1896, it is shown that the relative prevalence of strikes was greatest in the mining industry, 269.48 out of every 1,000 employees having taken part in disputes during the year. The group of chemical industries comes next, with 140.80 strikers per 1,000 employees.
In the two tables following the strike data are shown by causes:
STRIKES, BY CAUSES, 1900.
[A considerable number of strikes was due to two or more causes, and the facts in such cases have been tabulated under each cause; hence the totals for this table necessarily do not agree with those for the preceding tables.]

| Cause or object. | Succeeded. |  | Succeeded partly. |  | Failed. |  | Total. |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Strikes. | Estab-lishments. | Strikes. | Establish. ments. | Strikes. | Estab-lishments. | Strikes. | $\begin{aligned} & \text { Estab- } \\ & \text { lish- } \\ & \text { ments. } \end{aligned}$ |
| For increase of wages. | 113 | 722 | 249 | 6,966 | 218 | 1,726 | 580 | 9, 414 |
| Against reduction of wages... | 32 | 63 | 21 | 94 | 13 | 37 | 66 | 194 |
| For reduction of hours of labor with present or increased wages. | 44 | 1,324 | 24 | 3,214 | 32 | 615 | 100 | 5,153 |
| Relating to time and method of payment of wages, etc... | 25 | 102 | 12 | 349 | 20 | 66 | 57 | 517 |
| For or against modification of conditions of work ....... | 14 | 100 | 7 | 143 | 21 | 25 | 42 | 268 |
| Against piecework............. | 6 | 84 | 3 | 143 | 17 | 911 | 26 | 1,138 |
| For or against modification of shop rules. | 15 | 15 | 12 | 24 | 15 | 39 | 42 | 78 |
| For abolition or reduction of fines $\qquad$ | 13 | 13 | 8 | 8 | 16 | 16 | 37 | 37 |
| Against discharge of workmen, foremen, or directors, or for their reinstatement. | 24 | 28 | 11 | 18 | 54 | 75 | 89 | 121 |
| For discharge of workmen, foremen, or directors | 32 | 32 | 11 | 11 | 61 | 102 | 104 | 145 |
| Against employment of women. | 1 | 1 |  |  | 2 | 71 | 3 | 72 |
| For limitation of number of apprentices | 1 | 1 |  |  |  |  | 1 | 1 |
| Relating to deduction from wages for support of insurance and aid funds | 29 | 257 | 3 | 14 | 7 | 55 | 39 | 326 |
| Other ............................ | 22 | 76 | 7 | 66 | 14 | 96 | 43 | 168 |

STRIKERS AND DAYS OF WORK LOST BY ALL EMPLOYEES THROWN OUT OF WORK BY STRIKES IN 1900, BY CAUSES.
[A considerable number of strikes was due to two or more causes, and the facts in such cases have been tabulated under each cause; hence the totals for this table necessarily do not agree with those for the preceding tables.]

| Cause or object. | Strikers in strikes which- |  |  | Total strikers. | Days of work lost byall emphrown out of work. |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Suc- } \\ \text { ceeded. } \end{gathered}$ | Suc- ceeded partly. | Failed. |  |  |
| For increase of wages | 37,893 | 92,070 | 48,894 | 178,857 | 3,223,806 |
| Against reduction of wages | 4,046 | 6,697 | 2,403 | 13,146 | 295, 643 |
| For reduction of hours of labor with present or increased wages. | 23,925 | 35,448 | 19,139 | 78,512 | 1,590,169 |
| Relating to time and method of payment of wages, etc | 4,769 | 2,919 | 3,978 | 11,666 | 531,422 |
| For or against modification of conditions of work. | 6,810 | 29,902 | 3,201 | 39,913 | 644,679 |
| Against plecework ……...................... | 859 | 585 | 14,664 | 16,108 | 108,892 |
| For or against modification of shop rules........... | 1,803 2,730 | 4,268 1,621 | 3,203 3,688 | 9,274 8,039 | 583,280 76,581 |
| Against discharge of workmen, foremen, or direct- |  |  | 6,430 |  |  |
| ors, or for their reinstatement .................... | $\begin{array}{r}13,958 \\ 8,234 \\ \hline\end{array}$ | 4,480 3,254 | 6,430 7,738 | 24,818 14,226 | 139,212 120,714 |
| Against employment of women............... | 13 40 |  | 5,040 | 5,053 | 37, 574 |
| For limitation of number of apprentices......... | 40 |  |  | 40 |  |
| Relating to deduction from wages for support of insurance and aid funds | 8,775 | 100 | 5,519 | 14,394 | 151,977 |
| Other.. | 15,633 | 1,071 | 1,574 | 18,278 | 543,599 |

Strikes due to wage disputes continued in 1900, as in preceding years, to be the most numerous, 646 strikes, involving 192,003 strikers, being due to this cause alone. Nearly three-fourths of the persons engaged in strikes on account of wages were either successful or partly successful. Of the other causes of strikes those relating to demands for discharge of workmen, foremen, or directors and for reduction of hours of labor were most prevalent. Of the strikers who presented the former demands more than one-half failed, while of those demanding reduction of working time more than three-fourths succeeded either wholly or in part. Those involved in strikes against piecework and against the employment of women were nearly all unsuccessful.

The next two tables show, respectively, the results of strikes according to their duration and according to the number of strikers involved:

STRIKES AND STRIKERS, BY DURATION OF STRIKES, 1900.

| Days of duration. | Strikes. |  |  |  | Strikers. |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Succeeded. | succeeded partly. | Failed. | Total. | Succeeded. | Succeeded partly. | Failed. | Total. |
| 7 or under . . . . . . . . | 162 | 205 | 212 | 579 | 18,044 | 44,457 | 17,052 | 79,533 |
| 8 to 15................ | 25 | 69 | 03 | 157 | 4,485 | 32, 470 | 16,059 | 53,014 |
| 16 t) 30. | 10 | 53 | 31 | 94 | 1,076 | 38,098 | 18,687 | 52, 861 |
| 31 to 100. | - 8 | 27 | 29 | 64 | 611 | 23,208 | 11,252 | 35, 071 |
| 101 or over |  | 6 | 2 | 8 |  | 2,125 | 110 | 2,235 |
| Total.......... | 205 | 360 | 337 | 902 | 24,216 | 140,358 | 58,140 | 222, 714 |

DURATION AND RESULTS OF STRIKES, BY NUMBER OF STRIKERS INVOLVED, 1900.

| Strikers involved. | Strikes. |  |  |  | Days of duration. |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Succeeded. | Succeeded partly. | Failed. | Total. | $\begin{gathered} 7 \text { or } \\ \text { under. } \end{gathered}$ | 8 to 15. | 16 to 30. | $\begin{aligned} & 31 \text { to } \\ & 100 . \end{aligned}$ | 101 or over. |
| 25 or under. | 50 | 51 | 145 | 246 | 182 | 45 | 11 | 8 |  |
| 26 to $50 . . . . . . . . . . .$. | 44 | 62 | 65 | 171 | 126 | 23 | 13 | 7 | 2 |
| 51 to 100. | 45 | 75 | 43 | 163 | 107 | 24 | 18 | 12 | 2 |
| 101 to 200 | 38 | 69 | 37 | 144 | 78 | 30 | 17 | 18 | 1 |
| 201 to 500 | 25 | 57 | 24 | 106 | 59 | 17 | 21 | 7 | 2 |
| 501 to 1,000. | 1 | 24 | 11 | 36 | 19 | 7 | 6 | 4 |  |
| 1,001 or over . . . . . . | 2 | 22 | 12 | 36 | 8 | 11 | 8 | 8 | 1 |
| Total . . . . . . | 205 | 360 | 337 | 902 | 579 | 157 | 94 | 64 | 8 |

As in the preceding year, the strikes were mostly of short duration, 579 of the 902 strikes lasting seven days or less, 157 lasting from eight to fifteen days, 94 from sixteen to thirty days, 64 from thirtyone to one hundred days, and 8 lasting more than one hundred days.

More than one-half of the strikes involved 100 strikers or less each. The smaller strikes, involving 25 strikers or less each, were mostly failures, while the majority of the larger strikes were either wholly or partly successful.

Conciliation and Arbitration.-During the year 1900 the law of

December 27, 1892, regarding conciliation and arbitration ${ }^{(a)}$ in trade disputes was applied 362 times in 234 different disputes. The excess in the number of applications of the law over the number of disputes is explained by the fact that some disputes extended over several cantons, and that in some instances the employees of each establishment affected, or even each class of employees in the same establishment, entered separate demands for conciliation. In only 9 of the 234 disputes was the law applied before entire cessation of work occurred. As the number of strikes during the year was 902 , the proportion of the number of disputes in which the law was applied of the total number of disputes was 25.94 per cent. The proportion for the seven preceding years, taken collectively, in which the law was applied, was 22.85 per cent. In 1900 the initiative in demanding the application of the law was taken by the employees 141 times, by the employers 6 times, by both employers and employees 8 times, and in 79 cases the initiative was taken through the intervention of justices of the peace.

As regards the results of the application of the law, it was found that in 14 of the 234 disputes work was resumed before committees of conciliation were constituted. In 96 of the 220 cases remaining the demands for conciliation were refused in 88 cases by the employers, in 3 by the employees, and in 5 cases by both employers and employees. In 10 of the 96 cases the dispute was ended, after the refusal of the demand for conciliation, either by the complete abandonment of their demands by employees or by their acceptance of concessions previously offered, while in the other 86 cases strikes were declared or continued, but in 4 of these cases the employers, after the strike had begun, consented to conciliation, thus raising to 128 the number of disputes to be submitted to such method of adjustment. Of the other 82 cases in which strikes were declared or continued 9 strikes were successful, 30 were partly successful, and 43 faiied.

For the settlement of the remaining 128 disputes 140 committees of conciliation were constituted, 2 disputes engaging 4 committees each, 2 engaging 3 each, and 2 engaging 2 each. Of these 128 disputes 60 were settled directly by the committees of conciliation, 18 by arbitration, and 4 were adjusted by the parties themselves after having had recourse to committees of conciliation. This leaves 46 cases in which the attempted conciliation and arbitration failed and strikes resulted or continued. These strikes succeeded in 5 cases, succeeded partly in 24 , and failed in 17 cases.

The following statement gives a summary of the cases in which recourse was had to the law of 1892 regarding conciliation and arbitration, together with the results of such recourse during the year 1900 and for the preceding seven years collectively.

[^23]SUMMARY OF CASES IN WHICH RECOURSE WAS HAD TO CONCILIATION AND ARBITRATION, 1893 TO 1899 AND 1900.

a The 778 cases of recourse to the law relate to 770 disputes.
$b$ The 362 cases of recourse to the law relate to 234 disputes.
c There were but 180 disputes settled by committees of conciliation, 3 of them being counted twice, because 2 committees were formed in each of these 3 cases.
$d$ Figures here apparently should be 212; those given are, however, according to the original.
The above summary shows that of 234 disputes considered in 1900, 106 were settled directly or indirectly through the application of the law of 1892 , and in the case of 128 the recourse to the law proved fruitless. Of the 106 disputes settled 17 were favorable to the demands of the employees, 76 resulted in a compromise, and 13 were unfavorable to the employees. In the 128 disputes which continued after the failure of attempts at conciliation and arbitration the employees succeeded in 14, succeeded partly in 54, and failed in 60 cases.

## GERMANY.

Streiks und Aussperrungen im Jahre 1900. Streiks una Aussperrungen im Jahre 1901. Bearbeitet im Kaiserlichen Statistischen Amt. 329

## pp.; 306 pp .

These are the second and third annual reports on strikes and lockouts published by the German imperial statistical bureau. The reports contain analyses and summaries of the strikes and lockouts in 1900 and 1901, respectively, copies of schedules of inquiry, and tables showing in detail, by locality and industry for each dispute, the duration, establishments affected, total number of employees, strikers, and others thrown out of employment, causes, results, manner of settlement, etc. The data relate to strikes ending in 1900 and 1901, respectively.

Strikes and Lockouts in 1900.-There were 1,433 strikes reported in 1900 , affecting 7,740 establishments. The strikes in the case of 6,038 of these affected the entire establishment, while in the case of 1,702 only certain branches or occupations were affected. Operations were completely suspended in 2,382 of the former and in 351 of the latter.
There were, in $1900,122,803$ strikers and 9,007 others thrown out of
employment on account of strikes, making a total of 131,810 employees affected.
The following table shows, by principal groups of industries, the number and results of strikes, the number of establishments and strikers involved, and the number of other employees thrown out of work on account of strikes during the year 1900:

SUMMARY OF STRIKES, BY GROUPS OF INDUSTRIES, 1900.
[The column headed "Strikers" shows the maximum number of strikers at any time during strike.]

| Industries. | Total strikes. | Strikes which- |  |  | Estab-lishments. | Strikers. | Other employees thrownout of work. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | $\begin{gathered} \text { Suc- } \\ \text { ceeded. } \end{gathered}$ | Succeeded partly. | Failed. |  |  |  |
| Gardening, florist, and nursery trades | 1 |  | 1 |  | 1 | 20 |  |
| Mining, smelting, salt, and peat extraction. | 56 | 3 | 26 | 27 | 103 | 14,735 | 631 |
| Stonework and earthenware. | 99 | 28 | 27 | 49 | 179 | 5,395 |  |
| Metal work. | 89 | 8 | 27 | 54 | 329 | 3,945 | 1,047 |
| Machinery, tools, and instruments | $\stackrel{66}{8}$ | 11 | 19 | 36 3 | 200 8 | 7,395 | 207 |
| Forestry products, lighting materials, and varnishes. | 8 | 1 | 3 | 4 |  | 507 | 15 |
| Textiles... | 73 | 12 | 25 | 36 | 138 | 6, 928 | 1,053 |
| Paper... | 20 | 2 | 7 | 11 | 90 | 3,362 | 14 |
| Leather ... | 44 | 34 | 19 | 16 | ${ }^{225}$ | 2, 462 | 87 |
| Food products. | 197 | 16 | 28 | 33 | 310 | 3,014 | 15 |
| Clothing and cleaning | 73 | 16 | 37 | 20 | 636 | 7,584 | 375 |
| Building trades. | 496 | 121 | 158 | 217 | 2,869 | 33, 074 | 4,329 |
| Printing and publishing .................... | 16 |  | 2 | 14 | 16 | 307 | 17 |
| Painting, sculpture, decoration, and artistic work |  |  | 2 |  | 6 | 127 |  |
| Commercial employment | 47 | 9 | 17 | $\stackrel{21}{18}$ | 147 | 3,016 | 58 |
| Transportation. | 58 | 8 | 32 | 18 | 243 | 9,116 | 726 |
| Total | 1,433 | 275 | 505 | 653 | 7,740 | 122,803 | 9,007 |

Of the $\mathbf{1 8}$ groups of industries, that of building trades had the largest number of strikes, strikers, and establishments affected. Next in importance with regard to the number of strikers involved are the groups of wooden ware and carved goods and mining, smelting, etc. These three groups of industries furnish 52 per cent of all the strikes and 56 per cent of all the strikers in 1900 .
The next two tables show, respectively, the results of strikes according to their duration and according to the number of strikers involved :

SUMMARY OF STRIKES, BY DURATION, 1900.
[The column headed "Strikers" shows the maximum number of strikers at any time during strike.]

| Days of duration. |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |

SUMMARY OF STRIKES, BY NIMMBER OF STRIKERS INVOLVEL, 1900.
[The column headed "Strikers" shows the maximum number of strikers at any time during strike.]

| Strikers involved. | Total strikes. | Strikes which- |  |  | Estab-lishments. | Strikers. | Otheremployees thrown out of work. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Succeeded. | Succeeded partly. | Failed. |  |  |  |
| 2 to 5 | 109 | 25 | 16 | 68 | 121 | 433 | 43 |
| 6 to 10 | 208 | 48 | 51 | 109 | 265 | 1,655 | 173 |
| 11 to 20 | 319 | 61 | 81 | 177 | 519 | 4,876 | ¢68 |
| 21 to 30 | 184 | 33 | 64 | 87 | 359 | 4,654 | 339 |
| 31 to 50 | 187 | 42 | 72 | 71 | 473 | 7,476 | 745 |
| 51 to 100. | 209 | 35 | 104 | 70 | 1,156 | 15,495 | 1,185 |
| 101 to 200 | 113 | 17 | 55 | 41 | 1,115 | 16,009 | 2,448 |
| 201 to 500 | 73 | 12 | 44 | 17 | 1,573 | 23,297 | 2,480 |
| 501 or over. | 31 |  | 18 | 13 | 2,159 | 48,908 | 971 |
| Total | 1,433 | 275 | 505 | 653 | 7,740 | 122,803 | 9,007 |

In the following table, showing the causes and results of strikes in Germany in 1900, the demand, and not the strike, is taken as the unit, and hence the figures do not agree with those in the preceding tables:

STRIKES, BY CAUSES, 1900.
[A considerable number of strikes was due to two or more causes, and the facts in such cases have been.tabulated under each cause; hence the totals for this table necessarily do not agree with those for the preceding tables.]

| Cause or object. | Total strikes. | Strikes which- |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  | Succeeded. | Succeeded partly. | Failed. |
| Against reduction of wages. | 99 | 32 | 20 | 47 |
| For increase of wages. | 956 | 159 | 428 | 369 |
| For extra rate for overtime. | 203 | 23 | 123 | 57 |
| For extra pay for secondary work.................................. | 71 | 8 | 52 | 11 |
| For payment of wages before regular pay day................... | 29 | 1 | 14 | 14 |
| Other causes affecting wages . | 78 | 9 | 43 | 26 |
| Against increase of hours. | 12 | 3 | 3 | 6 |
| For reduction of hours | 345 | 55 | 182 | 108 |
| For abolition or limitation of overtime wor | 45 | 3 | 22 | 20 |
| For reduction of hours on Saturday... | 98 | 7 | 66 | 20 |
| Against introduction of overtime work | 1 |  |  | 1 |
| For regular hours... | 8 |  | 3 |  |
| Other causes affecting hours of labor | 14 | 2 | 7 | 5 |
| For change in method of payment ............................... | 83 | 7 | 40 | 36 |
| Against change in method of payment............................ | 1 | 1 |  |  |
| For reinstatement of discharged employees ....................... | 188 | 29 | 39 | 120 |
| For discharge or against employment of certain persons....... | 56 | 8 | 9 | 39 |
| For discharge of foremen, etc . .................................. | 37 | 2 | 10 | 25 |
| Against being compelled to work on holidays. | 36 | 3 | 20 | 13 |
| For better sanitary conditions, etc......... .................... | 48 | 8 | 27 | 13 |
| Against use of material from establishment in which strike was pending. | 14 | 1 | 3 | 10 |
| For better treatment .. | 22 | 2 | 10 | 10 |
| For recognition of committee of employee | 64 | 4 | 34 | 26 |
| For posting of shop rules and adoption of fixed scale | 57 | 11 | 33 | 13 |
| Other causes . . . . . . . . . . . . . . . . . . . . | 214 | 26 | 108 | 80 |

Thirty-eight lockouts were reported in 1900 , of which 35 ended during the year. The latter involved 607 establishments, of which 192 were entirely closed. There were 9,085 persons locked out, and 226 thrown out of employment on account of lockouts.
Strikes and Lockouts in 1901.-During 1901 there were 1,056 strikes reported, affecting 4,561 establishments. The strikes in the case of 3,525 of these affected the entire establishment, while in the case of 1,036 only certain branches or occupations were affected. Operations were completely suspended in 1,055 of the former and in

123 of the latter. There were 55,262 strikers and 7,420 other employees thrown out of work, making a total of 62,682 persons affected.
The following table shows, by principal groups of industries, the number and results of strikes, the number of establishments and strikers involved, and the number of others thrown out of employment on account of strikes during the year 1901:

SUMMARY OF STRIKES, BY GROUPS OF INDUSTRIES, 1901.
[The column headed "Strikers" shows the maximum number of strikers at any time during strike.]

| Industries. | Total strikes. | Strikes which- |  |  | $\begin{gathered} \text { Estab- } \\ \text { lish- } \\ \text { ments. } \end{gathered}$ | Strikers. | Other employees thrown out of work. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Succeeded. | Succeeded partly. | Failed. |  |  |  |
| Gardening, florist, and nursery trades | 4 |  | 4 |  | 38 | 126 |  |
| Mining, smelting, salt, and peat extraction. | 21 | 3 | 8 | 10 | 25 | 2,118 | 562 |
| Stonework and earthenware .................. | 102 | 21 | 15 | 66 | 174 | 8,201 | 2,217 |
| Metal work................... | 98 | 13 | 19 | 66 | 594 | 3,201 | 115 |
| Machioery, tools, and instruments. | 38 | 5 | 14 | 19 | 54 | 5,042 | 102 |
| Chemicals .................................. | 4 |  | 1 | 3 | 4 | 227 |  |
| Forestry products, lighting materials, and varnishes. | 2 |  |  | 2 | 3 | 250 | 3 |
| Textiles .................................................... | 58 | 11 | 18 | 29 | 83 | 3,085 | 923 |
| Paper... | 11 |  | 4 | 7 | 11 | 172 |  |
| Leather | 43 | 12 | 11 | 20 | 161 | 1,764 | 5 |
| Wooden ware and carved goods | 113 | 27 | 28 | 58 | 187 | 2,491 | 104 |
| Food products.. | 69 | 10 | 19 | 40 | 303 | 3,554 | 19 |
| Clothing and cleaning | 67 | 12 | 24 | 31 | 991 | 4,593 | 507 |
| Building trades. | 378 | 77 | 111 | 190 | 1,860 | 18,971 | 2,801 |
| Printing and publishing ......................... | 8 | 2 | 4 | 2 | 8 | 184 | ........ |
| Painting, sculpture, decoration, and artistic work | 4 |  |  | 4 | 5 | 29 | ........ |
| Commercial employment | 18 | 3 | 3 | 12 | 35 | 760 | 32 |
| Transportation ................-. .-. . . . . . . . . | 14 | 4 | 2 | 8 | 14 | 373 |  |
| Hotels, restaurants, etc | 1 |  |  | 1 | 1 | 27 |  |
| Other industries............................ . . . . . . | 3 |  |  | 3 | 7 | 9. |  |
| Total | 1,056 | 200 | 285 | 571 | 4,561 | 55,262 | 7,420 |

Of these groups of industries, that of building had, as in the preceding year, the largest number of strikes, strikers, and establishments affected. Next in importance with regard to the number of strikers involved were the groups of stonework and earthenware and machinery, tools, and instruments, 58 per cent of all the strikers in 1901 belonging to these three groups.
The next two tables show, respectively, the results of strikes in 1901 according to their duration and according to the number of strikers involved:

SUMMARY OF STRIKES, BY DURATION, 1901.
[The column headed "Strikers" shows the maximum number of strikers at any time during strike.]

| Days of duration. | Total strikes. | Strikes which- |  |  | Establish. ments. | Strikers. | Other employees thrown out of work. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Succeeded. | Succeded parily. | Failed. |  |  |  |
| Less than $1 .$. | 114 | 22 | 21 | 71 | 158 | 8,111 | 416 |
| 1 to $5 . .$. | 379 | 99 | 98 | 187 | 657 | 15,162 | 3,086 |
| 6 to 10 | 132 | 29 | 45 | 58 | 663 | 5,423 | 256 |
| 11 to 20 | 115 | 20 | 35 | 60 | 423 | 5,226 | 315 |
| 21 to 30 | 77 | 14 | 21 | 42 | 285 | 3,004 | 186 |
| 31 to 50 | 93 | 9 | 27 | 57 | 1,353 | 6,335 | 405 |
| 51 to 100 | 108 | 4 | 28 | 76 | 815 | 11,093 | 2,018 |
| 101 or over | 38 | 3 | 15 | 20 | 207 | 5,908 | 638 |
| Total | 1,056 | 200 | 285 | 571 | 4,561 | 55, 262 | 7,420 |

SUMMARY OF STRIKES, BY NUMBER OF STRIKERS INVOLVED, 1901.
[The column headed "Strikers" shows the maximum number of strikers at any time during strike.]

| Strikers involved. | Total strikes. | Strikes which- |  |  | Estab-lishments. | Strikers. | Otheremployees thrown out of work. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Succeeded. | Succeeded partly. | Failed. |  |  |  |
| 2 to 5 | 98 | 13 | 10 | 70 | 100 | 349 | 24 |
| 6 to 10 | 193 | 40 | 35 | 118 | 244 | 1,559 | 322 |
| 11 to 20 | 238 | 45 | 59 | 134 | 390 | 3,593 | 542 |
| 21 to 30 | 136 | 37 | 35 | 64 | 294 | 3,438 | 349 |
| 31 to 50 | 141 | 27 | 57 | 57 | 466 | 5,683 | 528 |
| 51 to 100 | 129 | 23 | 42 | 64 | 552 | 8,775 | 1,764 |
| 101 to 200 | 76 | 10 | 31 | 35 | 572 | 10,438 | 1,606 |
| 201 to 500 | 37 | 4 | 11 | 22 | 793 | 11,415 | 1,479 |
| 501 or over. | 13 | 1 | 5 | 7 | 1,150 | 10,012 | 806 |
| Total | 1,056 | 200 | 285 | 571 | 4,561 | 55, 262 | 7,420 |

The following table shows the causes and results of strikes in 1901, the demand and not the strike being taken as the unit:

STRIKES, BY CAUSES, 1901.
[A considerable number of strikes was due to two or more causes, and the facts in such cases have been tabulated under each cause; hence the totals for this table necessarily do not agree with those for the preceding tables.]

|  |  |
| :--- | ---: | ---: | ---: | ---: |
| Cause or object. |  |

There were 38 lockouts reported in 1901 , of which 35 ended the same year. The latter affected 238 establishments, of which 60 were entirely closed. A total of 5,414 persons were locked out, and 95 others were thrown out of employment on account of lockouts.

GREAT BRITAIN.
The Housing Question in London. 1900. xvi, 381 pp. (Publlshed by the London County Council.)

This volume presents an account of the work done by the municipal authorities during the period 1855 to 1900 in the way of providing
sanitary dwellings for the laboring classes, together with a summary of the acts of Parliament under which they have proceeded. The area considered is the Metropolis exclusive of the old City of London.

Legislation began with the Laboring Classes Lodging Houses Act of 1851. This act related to the increase of supply of houses, with a view to the relief of conditions of overcrowding; but a supplemental bill of the same date had the no less important purpose of improving the sanitation of a certain class of lodging houses. Numerous bills and amendments followed, enlarging the powers of the municipal authorities, until in 1890 a consolidating act was passed, under which, with some subsequent amendments, the work of improvement is now carried on. The Public Health (London) Act of 1891 and the London Building Acts of 1894 and 1898 are also auxiliary to this work.

The housing of the working classes act of 1890 prescribes in detail the mode of procedure, providing first for a representation by the proper medical officer as to the insanitary condition of the area or areas to be improved. If this officer is derelict, two justices of the peace or twelve or more ratepayers may take the initiative. Then follow provisions as to investigation, the determination of costs, the preparation of an improvement scheme, methods of condemnation and reimbursement, provision of funds, etc. The term of sinking funds is limited to sixty years. Early restrictions that were found to be impracticable or onerous provided that condemned residential areas must be rebuilt with dwellings, and that the new buildings must accommodate a population equal to that displaced. The first of these was found to be poor financiering, as the site frequently had a much higher commercial than residential value, and the second interfered at times with the object of improved sanitation; they have, therefore, been modified by a grant of discretionary powers. The results show, however, that the aggregate operations have provided for a considerably larger population than was found in the condemned structures.

The conditions demanding remedy were not only those of improperly constructed or dilapidated buildings, but also of those so placed as to interfere with ventilation, etc. It frequently happened, therefore, that adjacent buildings must be removed for the sake of making desired improvements, of which fact the act takes due cognizance.

Overcrowding might also take place when there was no fault to be found with the buildings themselves, so that a system of registration and inspection has been provided for. A chapter devoted to this subject gives in brief the results of various investigations since 1844, and shows the slow progress made and the continuing need of legislation and law enforcement.

What has been done in the way of the reconstruction of insanitary areas and the correction of overcrowding has naturally occasioned something of a redistribution of population. This opens the question
of workmen's trains, which is made the subject of one of the chapters of this report. The Royal Commission on the Housing of the Working Classes, 1885, investigated this phase of the matter, and offered as suggestions that fares on the workmen's trains should not exceed the difference between the rent of their homes in the overcrowded districts which required relief and the lower rents of the suburbs, and that the hours of running should be adapted to the needs of the working people. Provision is now made in the charters of some roads and voluntary action has been taken by others, so that in 1897 there were 318 cheap-rate trains arriving daily at London termini between the hours of $3 \mathrm{a} . \mathrm{m}$. and $8.42 \mathrm{a} . \mathrm{m}$.
A large part of the report is taken up with detailed presentations of improvement schemes devised for particular areas, of which plates and brief specifications are given.

From tables showing the results of the work done from 1875 to 1900 by the Metropolitan Board of Works and its successor, the London County Council, under the Artisans' Dwellings and Housing of the Working Classes Acts, the following totals are taken, these totals including work in progress as well as that completed at the time of issuing the report (September, 1900): Area dealt with, $94 \frac{1}{4}$ acres; persons displaced, 49,375 ; cost of clearances, $£ 2,898,616$ ( $\$ 14,106,115$ ); number of persons provided for, 64,428; co3t of dwellings (including land and incidentals), $£ 1,248,754$ ( $\$ 6,077,061$ ); gross annual rent ŕeceivable from occupied tenements, $£ 36,692(\$ 178,562)$.

## ITALY.

Statistica degli Scioperi avvenuti nell Industria e nell' Agricoltura durante $\mathbb{C}$ anno 1899. Ministero di Agricoltura, Industria e Commercio, Direzione Generale della Statistica. 1901. xxxix, 106 pp .

This is the eighth of the series of annual reports published by the bureau of statistics of the department of agriculture, industry, and commerce of Italy. It relates to the manufacturing, mining, and agricultural industries.

Strikes and Lockouts in 1899.-There were 268 strikes reported in 1899, of which 9 were among agricultural employees and 259 in other industries. There were 11 shut-downs, of which three were lockouts. In the summary tables given, strikes of agricultural employees and shut-downs and lockouts are not included.

The 259 strikes considered involved a total of 43,194 strikers, and caused a loss of 231,590 working days. Of the strikers 28,228 were men, 11,280 were women, and 3,686 were children 15 years of age or under. The year 1899 , like the preceding year, was not marked by any strikes of exceptional magnitude. The largest strike was that of
railway employees in Turin, which involved 1,850 persons. Only 7 other strikes involved 1,000 or more strikers each. The total number of strikes and strikers was greater in 1899 than in 1898, but the number of days lost was smaller.
The two following tables show the causes and results of strikes in 1899.

CAUSES OF STRIKES, 1899.

| Cause or object. | Strikes. |  | Strikers. |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Number. | Per cent. | Number. | Per cent. |
| For increase of wages.. | 113 | 44 | 19,539 | 45 |
| Against reduction of wages. | 28 17 | 11 | 4,325 | 10 |
| Against increase of hours. | 17 5 | $\stackrel{6}{2}$ | $\mathbf{3 , 6 3 1}$ $\mathbf{2 , 3 8 4}$ | 9 6 |
| Other causes ......... | 96 | 37 | 13,315 | 30 |
| Total. | 259 | 100 | 43,194 | 100 |

RESULTS OF STRIKES, BY CAUSES, 1899.

| Cause or object. | Succeeded. |  |  |  | Sncceeded partly. |  |  |  | Failed. |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Strikes. |  | Strikers. |  | Strikes. |  | Strikers. |  | Strikes. |  | Strikers. |  |
|  | Number. | Per cent. | Number. | Per cent. | Number. | Per cent. | Number. | Per cent. | Num- | Per cent. | Number. | $\begin{aligned} & \text { Per } \\ & \text { cent. } \end{aligned}$ |
| For increase of wages $\qquad$ | 25 | 21 | 8,660 | 19 | 39 | 34 | 9,356 | 48 | 49 | 45 | 6,523 | 33 |
| Against reduction of wages.. | 11 | 89 | 2,263 | 52 | 6 | 22 | 1,209 | 28 | 11 | 59 | 853 | 20 |
| For reduction of hours. $\qquad$ | 9 | 53 | 2,150 | 59 | 5 | 29 | 1,332 | 37 | 3 | 18 | 149 | 4 |
| Against increase of hours $\qquad$ | 3 | 60 | 484 | 20 |  |  |  |  | 2 | 40 | 1,900 | 80 |
| Other causes..... | 32 | 33 | 5,649 | 42 | 19 | 20 | 4,646 | 35 | 45 | 47 | 3,020 | 23 |
| Total | 80 | 31 | 14,206 | 33 | 69 | 27 | 16,543 | 38 | 110 | 42 | 12,445 | 29 |

Of the 259 strikes reported, 141, or 54 per cent, were due to wage disputes; 22 , or 9 per cent, to disputes regarding hours of labor, and 96 , or 37 per cent, to other causes. Of the 43,194 strikers, 23,864 , or 55 per cent, struck on account of wage disputes; 6,015, or 14 per cent, on account of hours of labor, and 13,315 , or 31 per cent, for other reasons.
With regard to the results of strikes in 1899, it is shown that 31 per cent succeeded, 27 per cent succeeded partly, and 42 per cent failed. Of the strikers involved, 33 per cent were in successful strikes, 38 per cent in partly successful strikes, and 29 per cent in strikes that failed.

In the following table the total strikes, strikers, and working days lost in 1899 are given by occupations:

STRIKES, STRIKERS, AND WORKING DAYS LOST, BY OCCUPATIONS, 1899.


The 9 strikes of agricultural laborers in 1899, which are not included in the above table, involved 1,995 strikers, of whom 1,130 were men and 765 were women. Two of these strikes were successful, 3 were partly successful, and 4 failed.
Eleven cases were reported in 1899 where proprietors closed their establishments for the purpose of accomplishing certain objects, but of these shut downs only 3 were directed against employees and can properly be called lockouts. These 3 lockouts affected 372 persons, of whom 368 were men and 4 were children. One of these lockouts was successful, but for the other two the results were not reported.

Councils of Prudhommes.-On December 31, 1899, there were 86 councils of prudhommes, or councils for the conciliation and arbitration of labor disputes, instituted according to law. This was an increase of 5 over the preceding year. Only 39 of these performed their functions in 1899. Four cases were reported where they had occasion to intervene in the settlement of strikes.

Strikes During Twenty-One Years.-The following table gives a summary of the more important facts published in relation to strikes in all but the agricultural industries in Italy during each of the years 1879 to 1899:

STRIKES, BY YEARS, 1879 TO 1899.

| Year. | Total strikes. | Strikes which- |  |  | Strikes for which strikers were reported. | Strikers. |  |  |  | Strikes for which days lost were reported. | Aggregate days of work lost. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Succeeded. | Succeeded partly. | Failed. |  | Men. | Women. | Chil. dren 15 years of age or under. | Total. |  |  |
| 1879.. | 32 | (a) | (a) | (a) | 28 | (b) | (b) | (b) | 4,011 | 28 | 21,896 |
| 1880. | 27 | (a) | (a) | (a) | 26 | (b) | (b) | (b) | 5,900 | 26 | 91,899 |
| 1881.. | 44 | (a) | (a) | (a) | 39 | (b) | (b) | (b) | 8,272 | 38 | 95,578 |
| 1882. | 47 | (a) | ( $\alpha$ | (a) | 45 | (b) | (b) | (b) | 5,854 | 45 | 25, 119 |
| 1883. | 73 | (a) | (a) | (a) | 67 | (b) | (b) | (b) | 12,900 | 65 | 111,697 |
| 1884. | 81 | (a) | (a) | (a) | 81 | (b) | (b) | (b) | 23,967 | 78 | 149, 215 |
| 1885. | 89 | (a) | (a) | (a) | 86 | (b) | (b) | (b) | 34, 166 | 82 | 244,393 |
| 1886. | 96 | (a) | (a) | (a) | 96 | (b) | (b) | (b) | 16,951 | 95 | 56,772 |
| 1887. | 69 | (a) | (a) | (a) | 68 | (b) | (b) | (b) | 25,027 | 66 | 218,612 |
| 1888. | 101 | (a) | (a) | (a) | 99 | (b) | (b) | (b) | 28,974 | 95 | 191, 204 |
| 1889. | 126 | (a) | (a) | (a) | 125 | (b) | (b) | (b) | 23,322 | 123 | 215,880 |
| 1890. | 139 | (a) | (a) | (a) | 133 | (b) | (b) | (b) | 38,402 | 129 | 167, 657 |
| 1891. | 132 | c 159 | c 429 | c 410 | 128 | (b) | (b) | (b) | 34,733 | 123 | 258,059 |
| 1892..... | d 119 | 24 | 33 | 57 | 117 | (b) | (b) | (b) | 30,800 | 114 | 216,907 |
| 1893. | e 131 | 34 | 46 | 41 | 127 | (b) | (b) | (b) | 32,109 | 122 | 234, 323 |
| 1894..... | $f 109$ | 35 | 29 | 39 | 103 | 19,766 | 3,890 | 3,939 | 27,595 | 103 | 323, 261 |
| 1895. | 126 | 41 | 39 | 46 | 126 | 11,788 | 5,192 | 2,327 | 19,307 | 126 | 125,968 |
| 1896. | 210 | 79 | 51 | 80 | 210 | 39,955 | 34, 264 | 21, 832 | 96,051 | 210 | 1,152, 503 |
| 1897. | 217 | 70 | 60 | 87 | 217 | 21,809 | 38,435 | 16,326 | 76,570 | 217 | 1, 113, 535 |
| 1898. | 256 | 70 | 68 | 118 | 256 | 22,112 | 9,571 | 4,022 | 35,705 | 256 | 239, 292 |
| 1899. | 259 | 80 | 69 | 110 | 259 | 28,228 | 11,280 | 3,686 | 43,194 | 259 | 231,590 |
| Total. | g2,483 | 592 | 824 | 988 | h 2, 436 | i143, 658 | i102,632 | i52, 132 | 625,810 | 2,400 | 5, 485, 360 |

$a$ Included in results of strikes for 1891.
$b$ Not reported.
$c$ Including strikes occurring during the years 1879 to 1890, but not including 58 strikes the results of which were not reported.
$d$ Including 5 strikes the results of which were not reported.
$e$ Including 10 strikes the results of which were not reported.
$f$ Including 6 strikes the results of which were not reported.
$g$ Including 79 strikes the results of which were not reported.
$h$ This total does not agree with the total in table showing strikes by number of strikers involved, page 1093; the computation is made, however, from figures in the original reports.
Not including figures for 1879 to 1893 .
The following table gives a comparison of the proportionate results of strikes during a period of years:

RESULTS OF STRIKES 1879-91 TO 1899.

| Year. | Per cent of strikes. |  |  | Per cent of strikers. |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Succeeded. | Succeeded partly. | Failed. | Succeeded. | Succeeded partly. | Failed. |
| 1879-1891. | 16 | 43 | 41 | 25 | 47 | 28 |
| 1892. | 21 | 29 | 50 | 29 | 19 | 52 |
| 1898. | 28 | 38 | 34 | 29 | 44 | 27 |
| 1894. | 34 | 28 | 38 | 19 | 24 | 57 |
| 1895. | 32 | 31 | 4 | 33 | 40 | 27 |
| 1896. | 38 | 24 | 38 | 49 | 31 | 20 |
| 1897. | 38 | 27 | 40 | 23 | 45 | 32 |
| 1898. | 27 | 27 | 46 | 27 | 31 | 42 |
| 1899. | 31 | 27 | 42 | 33 | 38 | 29 |

The number and results of strikes and the number of strikers are shown by occupations for the eight years 1892 to 1899 in the following table:

SUMMARY OF STRIKES, BY OCCUPATIONS, FOR THE PERIOD 1892 TO 1899.

| Oceupations. | Total strikes. | Strikes which- |  |  |  | Strikes for which strikers were reported. | Total strikers. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Succeeded. | Suc- ceeded partly. | Failed. | $\left\lvert\, \begin{gathered} \text { Result } \\ \text { not } \\ \text { known. } \end{gathered}\right.$ |  |  |
| Hakers and pastry cooks | 20 | 10 | 5 | 5 |  | 20 | 4,638 |
| Carpenters and joiners ................. | 16 | 6 | 4 | 6 |  | 16 | 1,158 |
| Compositors and lithographers........ | 34 | 11 | 7 | 16 |  | 34 | 1,739 |
| Day laborers.............................. | 113 | 30 | 30 | 53 |  | 112 | 22,943 |
| Drivers and teamsters................... | 16 | 7 | 5 | 3 | 1 | 15 | 2,097 |
| Dyers, gilders, and varnishers .......... | 19 | 3 | 6 | 10 |  | 19 | 2,168 |
| Employees in food-product industries other than bakeries | 29 | 6 | 7 | 15 | 1 | 29 | 3,114 |
| Founders..... | 35 | 4 | 7 | 24 |  | 35 | 2,385 |
| Glaziers and glass workers | 10 | 4 | 3 | 3 |  | 10 | 438 |
| Hack drivers and tramway employees. | 38 | 6 | 19 | 18 |  | 38 | 14,173 |
| Hatters . . . . . . . . . . . . . . . . . . . . . . . . . . . | 24 | 10 | 8 | 6 |  | 24 | 84,704 |
| Longshoremen, coal handlers, etc. .... | 36 | 11 | 10 | 15 |  | 36 | 7,601 |
| Machinists ............................. | 57 | 15 | 9 | 33 |  | 57 | 5,528 |
| Masons and stonecutters ............... | 89 | 32 | 31 | 25 | 1 | 87 | 12,284 |
| Miners and quarrymen................... | 202 | 85 | 36 | 73 | 8 | 195 | 75,987 |
| Potters and kilnmen .. | 52 | 19 | 20 | 13 |  | 52 | 4,144 |
| Rajlway employees ....... ............. | 12 | 2 | 8 | 2 |  | 12 | 7,909 |
| Shoemakers, tailors, and others in clothing industry | 55 | 14 | 12 | 29 |  | 55 | 6,964 |
| Tanners..................... | 50 | 14 | 13 | 22 | 1 | 50 | 3,608 |
| Weavcrs, spinners, carders, etc ........ | 412 | 117 | 130 | 164 | 1 | 412 | 81, 139 |
| Other oceupations. | 108 | 27 | 25 | 48 | 8 | 107 | 16,665 |
| Total | 1,427 | 433 | 395 | 578 | 21 | 1,415 | 361, 331 |

More than one-half of all the strikes during this eight-year period were those of textile workers, miners and quarrymen, and day laborers, the textile workers alone having participated in 412 of the 1,427 strikes. Of 361,331 strikers who participated in 1,415 strikes reported, 84,704 were engaged in the hat-making industry, 81,139 in the textile industry, and 75,937 in mining and quarrying, making for the three industries a total of 241,780 , or more than two-thirds of the entire number.
The two following tables show the strikes for the period, 1879 to 1891, and for each year, 1892 to 1899 , classified according to their duration and the number of strikers involved, respectively:

STRIKES, BY DURATION, 1879-91 TO 1899.

| Days of duration. | 1879-91. | 1892. | 1898. | 1894. | 1895. | 1896. | 1897. | 1898. | 1899. | Total. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 3 or under | 633 | 60 | 67 | 52 | 61 | 91 | 104 | 153 | 161 | 1,382 |
| 4 to 10.. | 256 | 36 | 39 | 33 | 44 | 70 | 56 | 57 | 70 | 6,31 |
| 11 to 30. | 112 | 19 | 11 | 12 | 19 | 42 | 37 | 33 | 23 | 308 |
| Over 30 | 16 | 1 | 8 | 7 | 2 | 7 | 19 | 13 | 5 | 78 |
| Total. | a 1,017 | $b 116$ | c 125 | d 104 | 126 | 210 | e 216 | 256 | 259 | f2,429 |

a Not including 39 strikes the duration of which was not reported $b$ Not including 3 strikes the duration of which was not reported. c Not including 6 strikes the duration of which was not reported.
a Not including 5 strikes the duration of which was not reported.
e Not including 1 strike the duration of which was not reported.
$f$ Not including 54 strikes the duration of which was not reported.

STRIKES, BY NUMBER OF STRIKERS INVOLVED, 1879-91 TO 1899.

| Strikers involved. | 1879-91. | 1892. | 1893. | 1894. | 1895. | 1896. | 1897. | 1898. | 1899. | Total. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 to 49. | 272 | 27 | 28 | 40 | 39 | 54 | 70 | 92 | 98 | 760 |
| 50 to 99. | 206 | 18 | 24 | 16 | 34 | 35 | 52 | 55 | 51 | 491 |
| 100 to 199 | 199 | 26 | 22 | 18 | 21 | 46 | 44 | 63 | 48 | 487 |
| 200 to 499. | 220 | 27 | 41 | 18 | 27 | 52 | 31 | 35 | 39 | 490 |
| 500 to 999. | 89 | 11 | 6 | 5 | 3 | 14 | 14 | 6 | 15 | 163 |
| 1,000 or over | 53 | 8 | 6 | 7 | 2 | 9 | 6 | 5 | 8 | 104 |
| Total. | a 1,039 | 117 | 127 | a 104 | 126 | 210 | 217 | 256 | 259 | a2,455 |

a This total does not agree with the figures given in the general table of strikes, p. 1091; the figures are reproduced, however, as shown in the original report.

The strikes were mostly of short duration, 1,382 out of 2,429 reported lasting three days or less. About one-half of the strikes involved less than 100 strikers each.

## DECISIONS OF COURTS AFFECTING LABOR.

[This subject, begun in Bulletin No. 2, has been continued in successive issues. All material parts of the decisions are reproduced in the words of the courts, indicated when short by quotation marks, and when long by being printed solid. In order to save space, matter needed simply by way of explanation is given in the words of the editorial reviser.]

## DECISIONS UNDER STATUTORY LAW.

Contract of Employment-Breach-Merger of CorporationsGlobe and Rutgers Fire Insurance Company of New York v. Jones, Supreme Court of Michigan, 89 Northwestern Reporter, page 580.Action was brought in the circuit court of Wayne County to recover from James A. Jones the sum of $\$ 1,106.19$ alleged to be due the company named. Jones had been agent for the Rutgers Fire Insurance Company under a contract for five years from March 1, 1898. On the 20th day of December, 1898, the Rutgers Fire Insurance Company and the Globe Fire Insurance Company, both corporations of the State of New York, merged to form a new corporation under the style of the Globe and Rutgers Fire Insurance Company. A New York statute provides for such mergers, and that "The new corporation shall succeed to all the obligations and liabilities of the merging corporations, or either of them." Another clause provides that "All the rights, franchises, and interests of the merging corporations in and to every species of property and things in action belonging to them, or either of them, shall be deemed to be transferred to and vested in the new corporation."
Jones claimed that he first learned that the Rutgers had ceased to do business in Michigan in March, 1899, and learned about the same time of the consolidation. At that date he had on hand the sum named above as a balance due the Rutgers Company. He was offered the agency of the new company, but declined it, declaring that he had objection to the men in control of the Globe. The judge of the court below had ruled that the consolidation of the Rutgers with the Globe was a breach of the former's contract with Jones, and that Jones was entitled to recover damages therefor to the amount of the company's claim against him, if the jury found that he had sustained that amount of damages. The jury so found, and the company appealed, declaring that Jones's contract with the Rutgers was made with a knowledge of the provisions of the New York statute relating to merger, and subject to the same,
and that acts done in accordance with the statute could not be breach of contract.
Judge Moore, who announced the opinion of the supreme court, affirmed the judgment of the court below, using in part the following language:

It will be noticed that by the terms of the New York statute the two corporations were merged in the corporation provided for in the agreement. This made a new corporation. (3 Cook, Corp. sec. 897; Smith $v$. Railway Co., 114 Mich. $460,72 \mathrm{~N}$. W. 328.) Is it true, as contended here, that, because one has contracted to render personal service for one corporation for a definite period of time, his contract for personal service may pass to a new corporation, made up of two or more corporations by virtue of the merger of the two or more companies? In 2 Wood, Mast. \& St. sec. 91, it is said: "When a person contracts to work for another for a term, the parties are treated as having contracted in reference to the personal qualities of each other, and the master can not shift his liability by turning the servant over to another master before the term is ended, nor can the servant compel the master to accept the services of another person in lieu of his own. The consent of the parties is essential to effect a substitution, and this is true even though the servant is ill, and unable to labor himself. [Cases cited.] Everyone knows that insurance companies, like individuals, differ in reputation and methods of doing business. An insurance agent has a right to say for whom he will work, and under a contract to work for one company he can not be required to work for an entirely different company.
Judgment is affirmed.

Court of Mediation and Arbitration-Constitutionality of Statute-Rehearing-Mandamus-Renaud et al. v. State Board of Mediation and Arbitration, Supreme Court of Michigan, 83 Northwestern Reporter, page 620.-Act No. 238, acts of 1889 (sections 559568, Compiled Statutes of Michigan, 1897), provides for the appointment by the governor of "three competent persons" who shall constitute a "State court of mediation and arbitration," the title of the act being "An act to provide for the amicable adjustment of grievances and disputes that may arise between employers and employees and to authorize a State court of mediation and arbitration." Under the provisions of this act, Pingree \& Smith, manufacturers of boots and shoes, and their employees, by Timothy O'Connor and E. A. Allen, submitted a question as to the prices to be paid by the employers for certain classes of work. The case was heard and a decision arrived at, with which Pingree \& Smith were dissatisfied, and they moved for a rehearing. The court granted such rehearing, whereupon Renaud and others asked of the supreme court an appropriate writ to prevent the rehearing, claiming that in granting rehearing the court exceeded its powers. Pingree \& Smith also attacked the court as being improp-
erly constituted, so that the supreme court passed upon the three questions of the constitutionality of the act establishing the court, its right to grant a rehearing, and the proper remedy to be sought if such rehearing was improperly allowed.

The contention of Pingree \& Smith is first taken up by Judge Moore, who announced the opinion of the court, concerning which he said:

We can not state their position more clearly than by quoting from brief of counsel. "By section 23 of article 6 [of the constitution], the legislature may establish courts of conciliation, with such powers and duties as shall be prescribed by law. The general scheme of the constitution, as far as it relates to judicial officers, is for their election, and not for their appointment. Section 23, art. 6, of the constitution provides for the establishment of courts of conciliation; and by 'courts', here, as well as elsewhere in the constitution, is meant a permanent organization for the administration of justice, and not a special tribunal provided for by law. If the administration of justice embraces the enforcement of the orders or decrees of courts, the court of mediation and arbitration, being deficient in authority given by the legislature to do this, is not such a court as is meant by section 23 of article 6 ; for, by the act of its creation, it can do nothing but render a decision on subjects submitted to it in a particular way, and file its decision with the county clerk. Under the act there is no authority given to the judges or members of the court to compel the appearance of either party, nor is there any method of composing the differences or question in dispute by turning over the parties to a court with authority to enforce its decrees."

It is true that as to the members of the supreme court, the circuit judges, judges of probate, and justices of the peace, the constitution provides that they shall be elected; but we think it is not open to question that, if the constitution did not require these judicial officers to be elected, but authorized the legislature to establish these courts and prescribe their powers and duties, it would be entirely competent for the legislature to do so. This is just what is done by section 23, article 6, of the constitution. The act does not fail because the legislature, in creating the court, did not provide its members should be elected. * * * [The article referred to] reads, "The legislature may establish courts of conciliation with such powers and duties as shall be prescribed by law." This language is simple and clear, and would seem to give the legisláture abundant authority to create courts of conciliation, and to clothe them with as little or as great power as to the legislature seemed proper. It is to be regretted that the law passed by the legislature is not a more perfect one, but we think it very clear that the power conferred upon the respondent, if exercised, is calculated to bring about conciliations between those employers and employed between whom differences have arisen, and that the law was enacted, as suggested by its title, to provide for the amicable adjustment of grievances and disputes that may arise between employers and employed. The act does not undertake to confer power or impose duties in relation to all classes of civil cases, but such power as it does confer is within the constitutional right of the legislature.

On the question of rehearing, Judge Moore said:
The law which called this court into existence is the limit of its power. The act nowhere authorizes the court to grant a rehearing. When its decision has been rendered and filed, it has exhausted its power in a given case.

As to the mode of preventing the rehearing, the court relied on section 191, Comp. Laws, which gives the supreme court general superin tending control over all inferior courts, and accordingly issued a writ of mandamus vacating the order granting a rehearing.

Court of Mediation and Arbitration-Power-Construction of Statute-Pingree et al.v. State Court of Mediation and Arbitration, Supreme Court of Michigan, 89 Northwestern Reporter, page 943.-The questions here discussed are as to the scope of the power of the State court of mediation and arbitration, and as to interpretation of the clause providing that the court's decision shall be rendered in prescribed form within ten days after the matter submitted has been fully heard.
Pingree \& Smith, manufacturers of boots and shoes, having failed to reach an agreement with their employees as to the prices to be paid for certain classes of work, the two parties submitted to the court a statement of the points in issue, with the following introductory sentences: "Being unable to agree on prices of the following work, we hereby jointly request an arbitration of same by your honorable board, agreeing to abide by your decision. Prices to remain in force until May 1, 1900." This paper bore date of December 16, 1899. The case had been fully heard on March 9,1900 , and the decision was rendered on the 31st day of the same month.
From the remarks of Judge Moore, who announced the conclusions of the supreme court, the following is quoted:

Pingree \& Smith insist that, as a matter of law, the finding of the State court of mediation and arbitration was erroneous, because said court did not confine itself to the terms of said written submission. It is said by counsel: "The decision of this court of mediation and arbitration makes a new contract between employers and employees, and substitutes it for the one existing at the time the submission was made. Without any authority under the submission or elsewhere so to do, the court of arbitration said to the firm that the men who were engaged to work and who were working by the day or week must be considered or treated as if they had been engaged to work and were working by the piece." It is, of course, well settled that when arbitrators go beyond the submission they exceed their jurisdiction. and the award may be set aside. The record shows that an attempt had been made to have the prices fixed by the piece, instead of having the work done by the day or week, and that upon the hearing, without
objection, testimony was given upon both sides, not only by local experts, but by witnesses from a distance, in relation to the scale of wages by the piece as well as by the day. The terms of submission were doubtless prepared in view of the actual situation and the claims of the respective parties, and, we think, are sufficiently broad to justify the court in saying the compensation should be by the piece, instead of by the day or week.

The court of arbitration fixed July 26, 1899, as the date when the scale of prices fixed by it should go into effect. To this the firm objected, maintaining that the submission contained nothing authorizing the fixing of a date. From the records it appears that a new machine had been put into the factory on the date fixed by the court, and that it was the change in methods caused by the introduction of this machine that was in part responsible for the dispute as to prices. A statement was made during the hearing by Mr. Pingree to the effect that the prices set would control from the time the machine was putin. Quoting this and other expressions of similar intent, the court said:

In view of these statements, made during the progress of the trial, we do not think the respondents can be heard to say the court erred in fixing the date it did when its decision should take effect.

The contention that the decision was void because announced only after twenty-two days instead of after ten days, as the law provides, was overruled by the courton the ground that such statute is directory and not strictly binding, citing Rawson $v$. Parsons, 6 Mich., 405, in support of this position. Judge Moore said of the case in hand:

Several complicated scales of prices were introduced, and, if the testimony was to be intelligently considered and passed upon, some time would necessarily elapse. What little delay there was is not to be charged against the parties to the litigation, if to anybody; and the law ought not to be given such a construction as is contended for by the relators.
The case is affirmed.
From the above, Judge Hooker dissented, maintaining that the case was not properly in court and that the writ by which it was sought to be brought to its consideration should have been dismissed with costs.

Death of Minor Unlawfully Employed-Right of ActionConstruction of Statute-Kansas and Texas Coal Company v. Gabsky et al., Supreme Court of Arkansas, 66 Southwestern Reporter, page 915.-Mary Gabsky and others sued the above-named company in the circuit court of Sebastian County to recover damages for the death of Jofin Gabsky, a minor, employed in the mines of the company contrary to the provisions of the law.

Judgment was in favor of the plaintiffs, from which the company appealed and secured a reversal of the lower court, with instructions for a new trial. The statute under which suit was brought is section 5051 Sand. \& H. Dig., which declares that "No person under the age of 14 years shall be permitted to enter any mine or to work therein." Section 5058 provides that "For any injury to persons or property occasioned by willful violation of this act, a right of action shall accrue to the party injured for any direct damages sustained thereby."

John Gabsky was a son of the plaintiff and was 11 years of age. He had been employed in the mine about four weeks when he was killed by a large rock falling upon him from the roof of the room in which he was. The company denied willful violation of the law, as the boy's age had been represented as being 15 years. The case did not rest on the evidence, however, in the supreme court, but solely on the construction of the statute. On this Chief Justice Bunn, after citing the sections quoted above, spoke as follows:

The direct damages here referred to means damages for injury occasioned by the fact of being permitted to work in the mines; and, the working in the mines under the prohibited age being shown, and to be willful in the legal sense, it is ordinarily conclusive upon the defendant, for the object of the act was to prohibit the working of children under 14 years of age in coal mines at all. If it is thought that an action for damages for the death of a person, as in this case, survives in the next of kin, it should be asserted by a complaint based upon our statute of survivorship, commonly known as "Lord Campbell's Act." What should be shown in a case under that act we leave to the plaintiffs to determine. But, as the case was tried solely under the minors' act, and a complaint made in strict conformity thereto, and no provision is made in that act for a survivorship of the action, the demurrer set forth in the first and second paragraphs of the answer [denying that the complaint stated sufficient facts to constitute a cause of action] should have been sustained; and the judgment of the court is reversed, and the cause is remanded for a new trial, with privilege to the plaintiff to amend her complaint, if she so desires to do.

Employefs on Public Works-Clatms for Services-Time of Filing-Contractor and Surety-Assignment of ContractClasses of Work-French v. Powell et al., Supreme Court of California, 68 Pacific Reporter, page 92.-This was an appeal from a judgment of the superior court of Los Angeles County, allowing M. H. French to recover certain sums from Charles L. Powell, a contractor, and a surety company.

Powell had entered into a contract with the city of Los Angeles for the construction of a certain tunnel, and, in accordance with the act of March 27, 1897, had given bond with surety for the protection of material men or those furnishing labor "of any kind" in pursuance
of the work contracted for. A provision of this law requires that claims for materials or services must be filed in due form "within thirty days from the time such work is completed."

French's complaint set forth three causes of action. One was a claim for compensation for the work and services of a man, team, and scraper, furnished by him at an agreed price per day, amounting to $\$ 514.75$. The others were claims properly filed and assigned for labor done by one Clapham as a blacksmith, to the value of $\$ 154$, and by one French for one day's service as superintendent of work on the tunnel at the agreed price of $\$ 2.50$.
The defendants controverted the allegations made and alleged further that the claims were not filed within the time required by the act.

The trial court found that Powell had, on May 10, 1899, assigned all his interest in the contract in question to Swenson \& Hill, which firm had in turn contracted with one Chaffey to do the excavating, grading, and filling required by said contract. Powell's assignment to Swenson \& Hill was "with the knowledge and approval of said municipal corporation, and all payments of money by said contract provided to be made by said Powell have been made direct to Swenson \& Hill by said corporation as said payments have come due under the contract."

It was also found that French, Clapham, and the superintendent had each rendered their services, the amount and value of which were found to be as claimed, as employees or at the request of the subcontractor Chaffey, and that at the time of the filing of the claims and the trial of the case the construction of the tunnel was still in progress and not yet completed.

The judgment of the lower court was that Powell and his surety were liable, and this was affirmed by the supreme court, Judge Chipman announcing its conclusions.

The first point taken up was the claim of appellants that the suit had been prematurely brought, contending that the clause providing that claims must be filed "within thirty days from the time" the work contracted for is completed, also set a date earlier than which no suit could be entertained; that is, that the entire work must first be completed, and argued from an analogy to statutes relating to mechanics' liens. The court differed with appellants on this point, holding that the right of plaintiff was not similar to the lien of a mechanic, and concluded:

We can see no good reason why the act should receive the construction contended for by appellants, while there are reasons why this construction should be rejected. Aside from the long delay which often attends the final completion of public work, and the consequent hardship entailed on laborers if compelled to wait so long, there is the clear right to sue the contractor at any time; and why should his
security, who has taken on himself in some measure the contractor's burden, be in any better position? The statute makes him liable as soon as the contractor is liable, provided only that the creditor files his claim as the law directs. This we think he may do without waiting the final completion of the entire work.

Continuing, the court said:
The question next presented is as to who is liable to plaintiff on the claims the subject of the action. Appellants contend that Powell is not liable, because the findings show that the services were rendered at the request of Chaffey, who was subcontractor under Swenson \& Hill, the assignees of Powell. The bond refers to the contract entered into by Powell with the city, and makes it a part of the bond. The condition of the bond is that "the above-bounden principal [Powell] shall pay or cause to be paid for all work and labor done thereon, of any kind, and for all material and supplies furnished for the performance of said work; * * * if the said principal shall fail to pay for any materials or supplies furnished for the performance of the work contracted to be done, or for any work or labor done thereon of any kind, that the said sureties will pay the same, in an amount not exceeding the sum hereinbefore specified," etc. The contract contains the following provision (paragraph 7):
"The contractor will not be permitted to sublet any portion of the work without the consent of the city engineer, and, whenever such subletting is permitted, the party performing the work will be considered as the agent of the contractor. The latter will be held responsible for all indebtedness incurred by the said agent on account of the work."

We do not think that Powell or his surety could shift the burden of their obligation-the former by assigning the contract and the latter by consenting to the assignment,-without the consent of the parties entitled to its benefits, and such consent was never given by plaintiff or his assignors. The finding that the labor was performed at the request of Chaffey does not relieve Powell, for the contract made Chaffey Powell's agent. Plaintiff looked to Powell, as is shown by the claims filed. The terms of the bond are very broad. Payment was to be made "for all work and labor done thereon [the tunnel] of any kind." As to the surety company, it expressly agreed to become liable for Swenson \& Hill's debts.

It is next contended, as to the first cause of action, that as plaintiff performed no labor, and as he furnished a teamster, two horses, and a scraper to Chaffey, the claim should have been made by the teamster, and not by plaintiff, and, as this was not done, there is no action against either Powell or the surety company. The engagement for the labor of the teamster, horses, and scraper was with plaintiff, for which a gross sum per day was to be paid for the outfit. Plaintiff looked to Powell, and not to Chaffey; and, as we have seen, the contract and bond warranted this, and it was immaterial whether he did the work with his own hands. As to Clapham's services as blacksmith, appellants claim that it was not the kind of labor contemplated by the act, and was not the kind of labor for which a mechanic's lien will be permitted. We do not regard the claim of Clapham as similar to a claim of lien under the mechanic's lien law. The bond and the contract with the city are the source of the obligation, and the obligors

$$
9398-\text { No. } 42-02-15
$$

agreed to pay for "any work of any kind" done on the tunnel. Clapham furnished the labor, and it was labor such as the contract called for, and he filed the claim in his own name. Appellant admits that the claim of French [the superintendent] is good, within the meaning of the act, but it is claimed that it is not good against Powell, because he did not incur the debt, and, being prematurely filed, is void for all purposes of the action. For reasons already given, the objections are not well taken.

We advise that the judgment be affirmed.

Employers' Liability-Logging Railroad-Fellow-Servant Act-Contributory Negligenge-Witliams v. Northern Lumber Company, United States Circuit Court, District of Minnesota, 113 Federal Reporter, page 382.-The plaintiff brought suit to recover damages for the death of her son who was employed by the Northern Lumber Company as conductor and brakeman on a logging train. The road on which deceased was employed was a private one, used only in connection with the business of the lumber company. The injury causing the death of Williams was the result of logs falling from a loaded car and striking him. After the plaintiff's evidence had been submitted, counsel for the lumber company asked that the court instruct the jury to bring in a verdict for the defendant on the grounds that the evidence showed no negligence on the part of the company, that the death was the result of the contributory negligence of the deceased, and that if there was other negligence it was the negligence of a fellow-servant.

Whether or not the last reason given was a valid one depended on the effect to be given to what is known as the fellow-servant act, sec. 2701, Rev. St. of Minn., which is as follows:

Sec. 2701. Every railroad corporation owning or operating a railroad in this State shall be liable for all damages sustained by any agent or servant thereof by reason of the negligence of any other agent or servant thereof, without contributory negligence on his part, when sustained within this State, and no contract, rule, or regulation between such corporation and any agent or servant shall impair or diminish such liability: Provided, That nothing in this act shall be so construed as to render any railroad company liable for damages sustained by any employee, agent, or servant while engaged in the construction of a new road, or any part thereof, not open to public travel or use.

After stating the general rules as to negligence and the duty of the employer to provide a safe place to work, suitable appliances, and competent fellow-servants, Judge Lochren, speaking for the court, discussed the bearing of the statute quoted above, using in part the following language:
[This section] would include responsibility on the part of a railroad corporation for negligence of a fellow-servant, and it changes the law in that respect, but it does not change it with respect to the effect of contributory negligence. This statute, as stated in several decisions, would be unconstitutional, as being in the nature of class legislation, imposing a responsibility upon railroad corporations that is not imposed upon other employers of labor, if it were not from a consideration that it is a peculiar regulation with respect to quasi public corporations which have franchises from the State, granted for the reason that the public is interested in the business of these corporations, and for that reason the legality of such regulation by the State is maintained as a proper regulation for the safety of individuals and of the public generally with respect to corporations of this kind. So one question presented now is whether this statute applies to a railroad of this kind, which is not a public railroad, used by the public, and which is not a common carrier; for no person has a right to require that he be carried upon it, or to have his private goods carried upon it. It is a private concern, belonging to individuals, or to a company which is not a railroad corporation, and therefore does not come within the category of bodies who are invested with franchises for the use of the public, which gives the State the right to make peculiar regulations for public safety. It does not come within the language of the statute, because it is not a railroad corporation; and the proviso in the statute indicates that the statute is intended to apply only to corporations of the character to which 1 have referred, possessed of franchises, open to public travel or use, because the proviso is that they shall not be liable for damage during the construction of a new road not open to public travel or use. It is said by counsel for defendant that it can not apply to a railroad of this kind because there was no such railroad in operation at the time of the passage of the act in 1887, and therefore it could not have been considered by the legislature. I do not know what the fact is as to that. My impression is that counsel is right as to the fact that there was no such railroad in operation at the time in this State, but I am not sure, and will not assume, whether that is the fact or not. The language in this statute indicates that it was not intended to include roads of this kind. But, if it were the fact that these railroads were in existence in the State, as they are now, then the presumption would be still stronger that they were not intended to be included in that act, for the reason that the language of the act would exclude them. I think it is true that an act may take effect upon business that was not carried on at the time when the act was passed if the language of the act is such that it will include that kind of business, although the same was not known at the time. But it seems to me the language of this statute does not include railroads of this kind; therefore I feel constrained to hold that the ordinary doctrine with respect to negligence on the part of the fellow-servants applies in this case, and that such negligence is a part of the risk taken by the employee, and can not be imputed to the employer.

Taking up the question of contributory negligence on the part of deceased, the court recited the testimony offered by plaintiff, which was to the effect that Williams had charge of the making up of the
train and the direction of the engineer; that it was has duty to see if the cars were properly loaded, and if they were not, to see that the logs were taken off and properly replaced, so that there should be no danger from them. Plaintiff claimed that the injury had been occasioned by the improper loading of the logs, but in view of the above testimony as to Williams's duty, the court concluded:

Here, he being negligent himself, and being the person that was injured by that negligence, it comes under the head of contributory negligence, which would prevent a recovery.
It seems to me, upon both of these grounds, there is no evidence upon which the jury can lawfully find a verdict in favor of the plaintiff.

Gentlemen of the jury, the court directs that your verdict be for the defendant.

Employers' Liability-Logging Ratlroad-Fellow-Servant Act-Contributory Negligence-Release-Schus v. Powers-Simpson Company, Supreme Court of Minnesota, 89 Northwestern Reporter, page 68.-Jacob Schus was employed by the above-named company as a brakeman on a private railroad used only in connection with the lumbering business of the company. For injuries received while effecting a coupling between cars on which the logs projected beyond the ends of the same, Schus recovered damages in the district court of Hennepin County. New trial being denied, the company appealed to the supreme court, in which the judgment of the court below was affirmed.

Four principal questions were considered by the supreme court as follows: (1) Whether the company defending the suit was a railroad corporation within the meaning of, or coming within the operation of, chapter 13, laws of 1887 (G. S. 1894, sec. 2701) known as the FellowServant Act; (2) whether the evidence established negligence on the part of the company as the proximate cause of the plaintiff's injury; (3) whether or not Schus, who had to stoop in order to reach the couplings on account of the projecting logs, was guilty of contributory negligence in attempting to make a coupling under the circumstances; (4) whether there had been a settlement and release subsequent to the accident occasioning the injury and prior to the bringing of the suit.

The statute considered is quoted at length in Williams $v$. Northern Lumber Company, above. On this point Judge Brown, speaking for the court, said:
lt is urged that the statute does not apply to defendant, for the reason that it was not organized as a railroad corporation, and for the further reason that it is not engaged as a common carrier of passengers and freight; its railroad business being confined exclusively to its own private affairs. The statute has been before the court repeat-
edly with respect to its validity and its application to particular servants and employees, and has been sustained, not as a law applying exclusively to railroad corporations as a class,-for, if that were its purpose, it would, as intimated by Judge Mitchell in Johnson $v$. Railroad Co., 43 Minn. 222,45 N. W. 156,8 L. R. A. 419, be unconstitutional and void as class legislation,-but as applying to employers whose servants and employees are exposed to the peculiar hazards and dangers incident to the operation of railroads. In that case the court said: "If a distinction is to be made as to the liability of employers to their employees, it must be based upon a difference in the nature of the employment, and not of the employers. One rule of liability can not be established for railway companies, merely as such, and another rule for other employers, under like circumstances and conditions." Within the reasoning of that decision, and other cases in this court (Smith $v$. Railroad Co., 44 Minn. 17, 46 N . W. 149; Lavallee $v$. Railway Co., 40 Minn. 249, 41 N. W. 974 ; Mikkelson $v$. Truesdale, 63 Minn. $137,65 \mathrm{~N}$. W. 260), the test in interpreting and construing this statute is not whether the corporation engaged in operating the railroad was organized as a railroad corporation, but whether the road being operated is a railroad, within the ordinary meaning of the term, in and about the operation of which employees are exposed to those dangers and risks against the consequences of which the legislature intended to provide. In Suth. St. Const. 218, it is said to be indispensable to the correct understanding of a statute to inquire what is the subject of it,what object is intended to be accomplished by it. The subject-matter of the statute under consideration, and its intent and purpose, were to protect employees engaged in a dangerous and hazardous employment; and, within the decisions cited, the character of the employer is not of controlling importance. The statute is to be given, if not a liberal, at least a reasonable, interpretation, and one that will carry into effect the intent of the legislature. Defendant was not organized as a railroad corporation, it is true; but it is conceded that it is operating a line of railroad equipped with engines and cars, the operation of which, so far as concerns the running of its trains, is identical with ordinary railroads, except that it is in the interests of its own private affairs. Every purpose intended to be subserved by the statute applies to it. The mere fact that it is called a "logging railroad," and came into existence since the passage of that act, is by no means decisive of the question. It is a general rule of statutory construction that legislative enactments in general and comprehensive terms, prospective in operation, apply alike to all persons, subjects, and business within their general purview and scope coming into existence subsequent to their passage. (McAunich $v$. Railroad Co., 20 Iowa, 338.) And within this rule, even though defendant is engaged in operating a "logging railroad" only, and exclusively in the interests of its private affairs, and though such railroads were not known at the time of the passage of the statute, and consequently not then in the contemplation of the legislature, the operation of its road, in respect to the dangers and hazards to which its employees are exposed, brings it squarely within the spirit and purpose of the law; and it must, to effectuate fully the intention of the legislature, be held to be within its scope and operation. Though the literal language thereof limits its operation to railroad corporations, we hold that it applies to any corporation or person engaged in operating a line of railroad, incident to which operation are the
dangers and hazards to employees the legislature intended to provide against.
As to the second question considered, the syllabus by the court states clearly the evidence and the conclusions of law. The portion of the syllabus relating to this question is given herewith:
In this action the evidence received on the trial tended to show that there was a general custom in respect to the operation of the road for the engineer, when cars being coupled came together, to immediately stop his engine and hold it stationary until signaled to again move it by the brakeman making the coupling. It further tended to show that, on the occasion complained of, this custom was not observed by defendant's engineer, in consequence of which plaintiff was injured. It is held that the evidence was sufficient to require the submission of the case to the jury, and to sustain their verdict to the effect that such custom existed, and that the engineer's failure to follow and observe it at the time complained of was the proximate cause of the plaintiff's injury.

On the third point Judge Brown spoke in part as follows:
It is true, as a general rule, that, if a person by his own carelessness contributes to his injury, he can not recover. It is also true that a railroad employee assumes all the ordinary risks and dangers of his employment; but this assumption of risks extends only to such as are, in point of fact, ordinary risks of the employment. He does not assume risks and dangers resulting from the negligence of his fellowservants. The question of plaintiff's contributory negligence is disposed of, we think, by the decision in Corbin $v$. Railroad Co., 64 Minn. 185,66 N. W. $271,-$ a very similar case. There the car was loaded with iron rails, and, as here [with the logs], they projected over the end of the car; and, in order to make the coupling, it was necessary that the brakeman stoop over in going between the cars for that purpose. He knew the situation, and the condition in which the cars were loaded; and the court held that he was not guilty of contributory negligence, as a matter of law, but that the question was one of fact for the jury to determine.

As to the point of a release having been signed, it appeared that an agent of the company visited Schus while he was in the hospital and gave him $\$ 75$, securing his signature to a written release of all further claims. Schus denied any knowledge of the fact that the paper was a release, as he was unable to read the English language and relied on the agent's statements, which he claimed were fraudulent. With reference to this, Judge Brown said:

We discover no reason, after a careful reading of the evidence, for disturbing the finding of the jury in this case, though there are some items of evidence which tend strongly to corroborate defendant's contention, but it is by no means conclusive in its favor. There are circumstances, too, tending to corroborate plaintiff's contention that the money was paid as a donation. If defendant did not deem itself liable to plaintiff on account of his injuries, no reason is apparent why it should donate to him any sum whatever; and, on the other hand, if, in
its opinion, a liability in fact existed, and one which, in justice, it ought to settle, it is fair to assume, as the jury probably did, taking into consideration the nature and extent of plaintiff's injuries, that it would have offered him considerably more than the very nominal sum of $\$ 75$.

Employers' Liability-Negligence of Superintendent-Construction of Statute-Canney v. Walleine, United States Oircuit Court of Appeals, First Cirouit, 113 Federal Reporter, page 66.The plaintiff, a driller in defendant's quarry, was struck by a rope which was being handled by the orders of one Anderson, and was thereby thrown down and injured. On suit damages were awarded and an appeal taken, resulting in the judgment of the lower court being affirmed.

The case rested on a provision of the Massachusetts employers' liability act, which states that the employer is responsible for personal injuries to an employee occurring " by reason of the negligence of any person in the service of the employer entrusted with and exercising superintendence, whose sole or principal duty is that of superintendence.

From the evidence it appeared that Anderson had charge of a derrick in the quarry; that he took instructions from his employer as to what kind of stone was wanted and then marked off the ledge, gave orders to drillers, derrickman, engineer, tool boy, and signalman; that he had charge of the stones from the time they were started in the pit until thay left the quarry, but that when not otherwise engaged he took his hammer and went to work with the rest of the gang.

It was maintained by the defendant that one who labors the most of the time with his hands is not a superintendent within the meaning of the statute, and that the meaning of the word "principal" in the statute means principal in point of time and not in point of importance, and he cited cases to support this position.

As to the status of Anderson, Judge Putnam, speaking for the court, said:

The evidence leaves it entirely plain that, although the plaintiff worked with Anderson and Anderson worked with the plaintiff, they were not wholly employed in the same class of labor, and that Anderson had under his charge men not engaged in drilling, and therefore men not engaged in precisely the same labor in which the plaintiff was engaged, although in the common work and in the same gang.

The defendant's view of the statute had not been given to the jury in the instructions of the trial judge and the instructions given were excepted to. Judge Putnam reviewed the cases cited by defendant and concluded:

The result of these decisions undoubtedly establishes as a general rule what is restated in Reynolds $v$. Barnard, 168 Mass. 228, 46 N. E.

704,-that, when au employee works with his hands the greater portion of the time, he can not superintend, within the purview of the statute; but they do not compel us to the conclusion that this rule is absolute, and to be applied without qualification under exceptional circumstances. When the alleged superintendent is only "a mere laborer in charge of the gang," this general rule might well be applied, if not as a rule of law, at least as a rule of presumption of fact so forcible that the court would not allow a jury to disregard it. To go further, however, than to state it ordinarily as illustrative for the guidance of juries, would give an artificial construction to a statute which seems simple, plain on its face, and reasonable in its purpose; and it would also hold that the court could assume to know that a man can not work constantly with his hands, and yet exercise superintendence in such manner that that is his principal duty. Such an assumption would be so forced as to exclude the possibility, which the common mind knows to exist-that not only may an employee be engaged at all times in labor with his bands, and yet exercise superintendence under such circumstances that that is his principal duty, but that, also, he may be so engaged under such peculiar circumstances that quite continuous laboring with his hands is a necessary part of the duty of superintendence. Since none of the decisions which have come to our observation were rendered under circumstances which brought to the attention of the court the exceptional facts in support of which the plaintiff produced evidence in the case at bar, and since, therefore, we are not concluded thereby with reference to such exceptional facts, and since, moreover, the defendant's proposition would compel us to give an artificial and narrow construction to a remedial statute, contrary to the just and reasonable rules ordinarily applicable, and since, also, the alleged superintendent in this case was, as we have shown, "something more than a mere laborer in charge of a gang," we are unable to determine that the instructions given the jury were not suitable and sufficient.
The judgment of the circuit court is affirmed, with interest, and the defendant in error recovers the costs of appeal.

Employers' Liability-Railroad Companies-Duties of Employers and of Employees-Liability of Company Using Tracks of Another Corporation for Negligence of Latter's EmployeesTest of Liability-Fellow-Servants-Brady v. Chicago and Great Western Railroad Company, United States Circuit Court of Appeals, Fighth Circuit, 114 Federal Reporter, page 100.-John J. Brady was foreman of a switch crew in the employment of the above-named company. Before day on the morning of November 1, 1896, he passed through the yards of the St. Paul Union Depot Company, by the alleged negligence of whose employees his death was caused, a switch having been left open so that the train of which he had charge was without warning brought into collision with cars standing on a transfer track.

Elizabeth Brady, as administratrix of the estate of the deceased, appealed from a judgment in favor of the railroad company, the judge of the court below having instructed the jury that the plaintiff had
failed to make a case. The instruction was approved by the Circuit Court, Judge Caldwell dissenting.

The defendant railroad company was one of seven companies who held equal amounts of stock of the St. Paul Union Depot Company, and used its passenger depot and transfer yard under a contract which gave to the depot company the right to prescribe rules and regulations for the control of the property used, and the exclusive right of direction and command of its switchmen employed in the transfer yard, and the individual railroad companies had no right to turn a switch or to direct that one be turned within the said transfer yard. The railroad companies also agreed to indemnify the depot company for any claims for damages resulting from the operation of thrir engines and cars, or caused by the negligence of the depot company's employees while acting for or in the furtherance of the business of the railroad companies.

Among the claims made by the plaintiff were: That the depot company was negligent in promulgating reasonable rules, in failing to employ a sufficient number of switchmen, and in exercising control and supervision of the operation of its yard; that Brady and the employees of the depot company were fellow-servants within the operation of section 2701, St. Minn., 1894, which makes railroad companies liable to an injured employee for the acts of his fellow-servants, if without contributory negligence on his part, and that the seven railroad companies holding the stock of the depot company were partners and were each liable for the torts of all the servants of the depot company. These and other propositions were argued at length by Judge Sanborn, who announced the opinion of the court, and all were resolved unfavorably to the plaintiff.

The following syllabus, prepared by the court, presents in brief its findings:

1. The duty of so operating a safely constructed and equipped railroad, subject to the rules and general supervision of the master, as to keep it reasonably safe for those employed upon it, is not a positive duty of the master, but a primary duty of the servant.
2. A railway company running its trains over another road by permission is liable to its employees for the negligence of the servants of the licensing corporation in the discharge of the absolute duties of the master.
3. But such a railway company is not liable to its servants for the negligence of the employees of the licensing corporation in the discharge of their duties as servants.
4. The power of the alleged master or principal to command or direct the alleged servant or agent is the test of the liability of the former for the acts of the latter, under the maxim respondeat superior. If the master or principal has no power to command or direct the alleged servant or agent, he is not responsible for his acts, because there is no superior to respond.
5. The G. W. Ry. Co. was operating a train through the yards of a depot corporation, under the customary contract for the use of the yards and depot jointly with other companies having like contracts, when one of its employees was killed by the alleged negligence of the servants of the depot company in failing to properly turn the switches, which were under the control of the latter company. Held the switchmen of the depot company were not the fellow-servants of the employees of the railway company, nor were they the agents or servants of that company, within the meaning of the fellow-servant statute of Minnesota (St. 1894, sec. 2701).
6. The ordinary contracts between a depot corporation and several railroad companies for the use of a depot and transfer yards do not establish a partnership relation between the companies, nor make the depot corporation the servant or agent of the railroad companies, so that they become liable for the negligence of its servants, under the maxim respondeat superior.

Employment Agencies-License-"Emiarant Agents' Act"Constitutionality of Statute-State v. Napier, Supreme Court of South Carolina, 41 Southeastern Reporter, page 13.-J. W. Napier was convicted in the general sessions court of Marlboro County of a violation of 22 St . at Large, p. 812, known as the Emigrant Agents' Act, from which judgment he appealed. The statute provides that "No person shall carry on the business of an emigrant agent in this State without first having obtained a license therefor from the State treasurer." Section 2 defines the term "emigrant agent" as meaning "any person engaged in hiring laborers or soliciting emigrants in this State to be employed beyond the limits of the same." The supreme court affirmed the judgment of the court below.
After disposing of the question of the form of the indictment, which was held to be good if only stating the offense in terms of the act, without specifying particular instances of hiring or soliciting, Judge Jones delivered the following as the opinion of the court on the subject of the constitutionality of the statute:

It is contended that the act in question abridges the privileges of the citizen in restraining his right to make contracts of hiring, etc., and in restraining his right of egress from the State. But we fail to see wherein the act so operates, unless it be in a very remote and incidental way. The act, which is reported herewith, does not affect the right of any citizen to leave the State for labor elsewhere whenever he pleases, and to make such contract for his labor as he chooses. The statute, as already stated, affects only those who carry on the business of an emigrant agent, whose vocation is to hire laborers and solicit emigrants to be employed beyond the limits of the State. It is easy to see that the business is of such a nature that the legislature might well see fit to thus regulate it, not only for the protection of the agricultural and manufacturing interests of the State, but for the protection of the laborers themselves against the acts and solicitations of designing and irresponsible persons, who may ply such a vocation in
order to levy contributions from the ignorant and allured laborers, and then not be found when the laborers, according to appointment, appear at the railroad station to take their departure with him to their fields of labor. Payment of the license fee, and the issuance of the license by the proper authority, afford some guaranty or evidence of good faith in the conduct of such business. Nor is the statute discriminatory, in any unlawful sense, by requiring a license for such business when the labor is to be performed out of the State, and not requiring a license when the labor is to be performed within the State. The business which seeks to induce laborers to leave the State, and the business which promotes the employment of laborers within the State, are so different in their tendencies for good or evil to general interest as to justify a different classification and treatment with respect to them. All persons falling within the class named in the statute are in all respects subject to the same requirements without any discrimination whatever.
The clause in the Federal Constitution relating to interstate commerce (article 1, sec. 8) is not violated by the statute in question. The business of procuring contracts for personal labor to be performed out of the State is not a commodity of commerce, and any transportation of persons that might result from such contract is so remote and incidental as not to be deemed within the protection or meaning of the law of interstate commerce. The case of Williams $v$. Fears, 179 U.S. 270,21 Sup. Ct. 128, 45 L. Ed. 186, [see Bulletin 36 U. S. Department of Labor, page 976], affirming the judgment of the supreme court of Georgia ( 35 S . E. 699), is conclusive on this point, as well as all other questions raised under the Federal Constitution.
It is further contended that the statute in question violates article 10, sec. 1, of the State constitution, relating to taxation, because the tax is not uniform. We see no violation oi the principle of uniformity. The statute operates in every county in the State, and affects every person belonging to the class conducting the business described.

The judgment of the circuit court is affirmed.

Enticing Sertant-Minor-Contract of Parent-Construction of Statute--State v. Aye, Supreme Court of South Carolina, 41 Southeastern Reporter, page 519.-Adam Aye was convicted of enticing a servant, under section 291 of the Criminal Statutes, which reads in part as follows: "Any person who shall entice or persuade by any means whatsoever any tenant, servant, or laborer under contract with another, duly entered into by the parties * * * shall be deemed guilty of a misdemeanor * * *."
An appeal to the supreme court resulted in a reversal of the lower court, Judge Pope dissenting.
The facts were that Aye did entice Wiley Adams, minor son of Willis Adams, to leave the service of one Goree, who had contracted with the said Willis Adams for the services of himself and two minor children, Wiley and John.

Chief Justice McIver, in announcing the opinion of the court, said:
It will be observed that the offense here charged has become a criminal offense solely by virtue of a statute, and to the words of that statute we must resort in order to ascertain whether they cover the case under consideration. Now, what is meant by the words "the parties," in the statute? Why, surely, the person contracting to serve and the person to be served. It is not, and can not be, pretended that Wiley Adams, the minor child of Willis Adams, ever entered into any contract with the prosecutor, Goree, to serve him as a laborer or otherwise. It is difficult to comprehend how a person could violate a contract to which he was not a party, or how he could be enticed to violate such a contract; and that is the only charge brought against the appellant. While it is quite true that a father is entitled to the services of his minor child, and may by contract transfer that right to another, yet such contract would be the contract of the father, and not the contract of the minor.

Factory Inspection-Delegation of Legislative AuthorityConstitutionality of Statute-Schaezlein et al. v. Cabaniss, Judge, Supreme Court of California, 67 Pacific Reporter, page 755.-In the police court of the city and county of San Francisco, Robert Schaezlein and others were convicted of a violation of the State factory inspection laws. On appeal to the supreme court of the State the judgment was reversed, the act under which conviction was had being declared unconstitutional. The facts appear with sufficient fullness in the following quotations from the remarks of the court:

Petitioner was charged with violating the provisions of "An act to provide for the proper sanitary condition of factories," etc., approved February 6,1889 . That act declares as follows: "If in any factory or workshop any process or work is carried on by which dust, filaments or injurious gases are generated or produced that are liable to be inhaled by the persons employed therein, and it appears to the commissioner of the bureau of labor statistics that such inhalation could, to a great extent, be prevented by the use of some mechanical contrivance, he shall direct that such contrivance shall be provided, and within a reasonable time it shall be so provided and used." Section 6 of the act makes it a misdemeanor for any person to violate any of the provisions of the act. (St. 1889, p. 3.) Petitioner was convicted of having unlawfully refused and neglected, after notice, to provide and use a suction exhauster with properly attached pipes, hoods, etc., in a metal polishing shop, within a reasonable time after having been directed so to do.

The ultimate question presented for consideration under this writ is that of the constitutionality of the act above quoted. That the legislature may not delegate its lawmaking functions, excepting to such
agents and mandatories as are recognized by the constitution, is, of course, beyond controversy. Equally we think beyond controversy, however, is the right of the State, in the exercise of its police power, to pass reasonable laws for the protection of the health of employees in given vocations, and to make the violation of those laws penal offenses. It is no invasion of the right of the employer freely to contract with his employee to provide by general law that all employers shall furnish a reasonably safe place and reasonably wholesome surroundings for their employees. The difficulty with the present law, however, is that it does not so provide, but that it is an attempt to confer upon a single person the right arbitrarily to determine, notonly that the sanitary condition of a workshop or factory is not reasonably good, but to say whether, even if reasonably good, in his judgment its condition could be improved by the use of such appliances as he may designate, and then to make a penal offense of the failure to install such appliances. The legislature, as we have said, may require the owners of factories and workshops to put their buildings in proper condition as to sanitation, may require them to provide reasonable safeguards against danger for the operatives, but it may not leave the question as to whether and how these things shall be done or not done at the arbitrary disposition of any individual.

The manifest objection to this law is that upon the commissioner has been imposed, not the duty to enforce a law of the legislature, but the power to make a law for the individual, and to enforce such rules of conduct as he may prescribe. It is thus arbitrary, special legislation, and violative of the constitution.

Fellow-Servants-Construction of Statute-Jenkins v. Mammoth Mining Company, Supreme Court of Utah, 68 Pacific Reporter, page 845.-Abram Jenkins, a miner employed by the above-named company, sued to recover damages for injuries received while so employed. Judgment was in his favor in the district court of the fifth district, from which the company appealed. The supreme court affirmed the judgment of the court below. It is sufficient to say that the case turned upon the construction of section 1443 of the revised statutes of Utah, which relates to fellow-servants. The finding of the court is stated in the following sections of the syllabus, which, though unofficial, is a concise and accurate statement as to these points.

1. Rev. St., sec. 1443, provides that all persons who, while in the service of anyone, are in the same grade of service, and are working together at the same time and place and to a common purpose, neither of such persons being intrusted by such employer with any superintendence or control over his fellow-employees, are fellow-servants with each other. Held, that a miner is not a fellow-servant with one whose duty it is to manage and operate a cage by which the miners are conveyed in and out of the mine.
2. A miner is not a fellow-servant with one employed as a "tool carrier," whose only duty is to take sharpened tools into the mine and throw them off at the various levels, and bring up the dull ones.

Garnishment-Exemption of Wages-Failure of Garnishee to Allege Exemption-Effect of Payment of Judgment-City of Laurel v. Turner, Supreme Court of Mississippi, 31 Southern Reporter, page 965.-W. D. Turner was an employee of the city of Laurel, against whom A. J. Lyon \& Co. obtained a judgment for about $\$ 90$ in the court of a justice of the peace. Lyon \& Co. then garnisheed the city of Laurel as a debtor of Turner, to which the city entered the defense that a municipal board was not subject to such a proceeding. This plea was erroneously overruled, and a subsequent appeal, for some undisclosed reason, was dismissed.

The city then paid Lyon \& Co. the amount claimed and had the judgment assigned to itself and proceeded to withhold Turner's wages for its own reimbursement.

Turner thereupon sued in a court of a justice of the peace and obtained judgment against the city for wages due, which judgment was affirmed in the circuit court, when an appeal was taken to the supreme court of the State, which, in its turn, affirmed the decision of the courts below.

Section 1963 of the code exempts from execution the wages of every person working for wages, being the head of a family, to the amount of $\$ 100$. Section 2139 provides that any garnishee may defend by declaring that he believes that the party from whom recovery is sought will claim the debt or property, or some part thereof, as exempt, whereupon such debtor shall be notified to appear and assert his rights, pending the determination of which proceedings shall be stayed.
Judge Calhoon, speaking for the court, said:
Turner's wages, under Code, sec. 1963, par. 10, cl. "a," were exempt from execution,-he being the bead of a large family; and the city should have set up the fact in its answer to the writ of garnishment. By not doing so, it "deprived the defendant of the exemption which the law affords him," if its silence were effective, which it is not. See case of Railway Co. $v$. Whipsker (Tex.), 13 S. W. 639,8 L. R. A. $321,19 \mathrm{Am}$. St. Rep. 734, and its citations, quoted from in the brief of counsel for appellee. Code, sec. 2139 , marks out the course of the garnisheed debtor; and, if he fails to observe it, he fails at his own peril. Exemptions are highly favored by the law, and their protection may not be defeated by the intention or negligence of garnishees.

## Protection of Employee Against Assauli-Death Resulting

 from Breach of Contract by Employer-Pain and SufferingMissoinder of Calses of Action-Lewis's Administratorv. Taylor Coal Company of Kentucky, Court of Appeals of Kentucky, 66 Southwestern Reporter, page 1044.-H. W. Lewis was a coal miner employed by the above-named company during the progress of a strike at its mines. He was threatened with violence and appealed to the company for protection, which was promised but not furnished. Lewis was assaulted and severely beaten, and died some months later as a result of wounds then received. For the assault, pain, and suffering, and subsequent death, damages were sued for in the circuit court of Ohio County, judgment being rendered in favor of the coal company. Lewis's administrator then appealed and the court of appeals affirmed the judgment of the court below.Section 241 of the constitution of Kentucky provides that there may be a recovery of damages where death is the result of negligence or wrongful act. Section 6 of the Kentucky statutes was enacted in accordance with this provision of the constitution. After referring to these provisions of law, Judge Paynter. who announced the opinion of the court, said:

At common law the right of action for the injury to the person abated on the death of the party injured. Under Ky. St. sec. 10, the cause of action for personal injury, causing physical and mental suffering, does not abate on the death of the injured person, except actions for assault [and some others]. So, under the principles of the common law, if appellee had, through its agent, inflicted the injury which resulted in physical pain and mental suffering and death, neither cause of action would have survived. This court has held that the cause of action for death can not be joined with the cause of action for physical pain and mental suffering; that a recovery for one bars an action for the other. [Cases cited.]

The master does not undertake to protect the servant from the criminal acts of others. This is not a duty which the law imposes, or which arises from the relation of master and servant. The law does not make one liable civilly or criminally for the criminal act of another unless the positions of the parties are such relatively that the act must be considered as having been, in contemplation of law, advised or procured to be done by another. Actionable negligence arises from a duty imposed by law to use ordinary care under the conditions in which a person upon whom a duty rests is placed.

With these general observations, we come to the consideration of sections 6 and 10 of the Kentucky statutes. The word "negligence" is used in section 6 in its usual and ordinary sense. It was intended to make one liable for his own negligent act, or for that of another for whose act he is responsible. The words "wrongful act" are comprehensive enough to include negligent acts, but they were intended primarily to cover cases where the act was wanton or was intentionally
committed, or where one may have counseled or procured another to do it, when, in contemplation of law, the act of counseling or advising makes the wrongful act his own. It is not charged that under the law of master and servant (nor could it have been correctly done) the appellee was bound to furnish a guard to protect the decedent from the hands of a mob. Therefore there was no breach of duty imposed by law which would make it guilty of negligence. It is not charged that the appellee inflicted the injury upon decedent, or counseled, advised, or procured others to do it. Therefore it is not charged, nor could it have been, that the appellee was guilty of the wrongful act which resulted in the injury and death. Having reached the foregoing conclusion, it follows that an action for the death of the intestate will not lie under section 241 of the constitution, or section 6 of the Kentucky statutes. If appellee had been liable at common law for the assault and battery committed upon the person of the intestate, the cause of action would not have survived to the personal representative, because the act complained of was an assault, and an action therefor does not survive to the personal representative. [See provision of sec. 10 Ky . St., above]. This court has held in Anderson $v$. Arnold's Ex'r., 79 Ky. 370, that an action for an assault and battery does not survive. Of course, the court did not mean to hold that, when death has resulted from an assault, any cause of action which was given under the statute for the death would not survive; neither do we want to be understood as holding a cause of action given for the death of a person, either by section 241 of the constitution, or any section of the statutes, is affected by section 10, although the death was the result of an assault. We simply hold that the cause of action for the assault and battery does not survive. The action is really one in contract. The contract averred can not bring the case within the provisions of section 241 of the constitution and section 6 of the statute; nor can it have the effect of keeping alive a cause of action, if it existed, which section 10 of the statute declares does not survive.
The judgment is affirmed.

## DECISIONS UNDER COMMON LAW.

Discharged Employee-Letters of Recommendation-New York, Chicago, and St. Louis Railroad•Company v. Schaffer, Supreme Court of Ohio, 62 Northeastern Reporter, page 1036.-Schaffer was a brakeman in the employment of the above-named company, prior to the 1st of January, 1895, at about which time he obtained leave of absence, and when he reported for work on or about February 1, 1895, he was informed that he had been discharged. He brought suit in the circuit court of Huron County to recover damages for his alleged unjust discharge and because the railroad company, in pursuance of an alleged conspiracy with other railroad companies, refused to give him any letter of recommendation or clearance card which was necessary in order for him to secure employment on any road in the alleged agreement. It appeared on trial that Schaffer had been twice suspended for breach of duty. Damages were awarded him and the company appealed, obtaining a reversal of the judgment.

The following syllabus by the court presents the conclusions of law deciding the case:

1. A master is under no legal obligation to give to his discharged servant a statement of his service, and whether or not it was satisfactory; and a discharged railroad employee can not maintain an action for damages against the company which discharged him, for refusal to furnish him with a clearance or statement of the record of his service, although he may have been unable to obtain other employment in consequence of such refusal by the company.
2. It is the right of every person, natural or artificial, to employ or refuse to employ in his business whomsoever he may wish; and he can not be called upon to answer for his judgment in that regard by the public or individuals, nor can the motives whish prompt his action be considered. A railroad company may lawfully refuse to continue in its employ a person who has engaged in a strike affecting its interests, or who has shown himself to be negligent, incompetent, inefficient, or dishonest.

Employers' Liability-Contract of Indemnity-Admission of Evidence-Herrin et al. v. Daly, Supreme Court of Mississippi, 31 Southern Reporter, page 790.-This was an action by John P. Daly to recover damages for injuries received while at work in the sawmill of Herrin, Lambert \& Co. The judgment was in favor of plaintiff and rested chiefly on the jury's conclusion as to the application of the common-law rule of fellow-servants. A point of some interest was the ruling of the trial judge permitting the question to be asked as to any contract of indemnity that the firm might have with a guaranty company. Defendants objected to the question, but the objection was overruled, and the fact appeared that the company was indemnified to the extent of $\$ 1,500$. Verdict for Daly was rendered, awarding damages in the sum of $\$ 1,500$, and an appeal was taken to the supreme court, which reversed the court below and remanded the case for a new trial.

Discussing this ruling, Judge Calhoon, speaking for the court said:
On the cross-examination by appellee's counsel of Lambert, one of the defendants below, as a witness, he was asked if there was any one back of his firm who would satisfy the judgment if obtained. The court overruled an objection to this, and we think this action error. It could not conceivably throw any light on the issue, and could have no other tendency than to seduce a verdict on the ground that an insurance company, and not the defendants, would be affected.

Employers' Liability--Inspection of Stone by Butlders-Neg-ligence-Mooney v. Beattie, Supreme Judicial Court of Massachusetts, 62 Northeastern Reporter, page "205.-In a suit in the superior court of Bristol County, Mooney, a stonemason, obtained judgment for

$$
\text { 9398-No. 42-02-- } 16
$$

injuries occasioned by the explosion of a stone furnished by his employer, Beattie, and from this judgment Beattie appealed, securing a reversal. The stone had been purchased in ordinary course of business, and when thrown to the ground by Mooney's assistant it exploded on account of a charge of dynamite remaining in it, which had failed to explode during the process of quarrying.

The question turned on the duty of inspection, and on this point Judge Hammond, who delivered the opinion of the court, summed up as follows:

The whole testimony showed that the inspection was a general practice at the quarries, and all the expert witnesses, both quarrymen and contractors, testified that they never knew such an inspection to be made anywhere else. Not a single witness was called to show that the contractor ever inspected the stone purchased by him from quarrymen. Judging the conduct of the defendants by the usual standard under the circumstances, we do not think that the defendants are shown to have exercised less than reasonable care and prudence in the discharge of their duty to the plaintiff. The accident was the result of an unforeseen and almost unprecedented combination of circumstances, for which the defendant can not reasonably be held responsible.

Labor Organizations-Procuring Discharge of Members of Rival Union-Strikes-National Protective Association of Steam Fitters and Helpers et al. v. Cumming et al., Court of Appeals of New York, 63 Northeastern Reporter, page 369.-This case arose from the action of Cumming, Nugent, and others, members and officers of the Enterprise Association of Steam Fitters and the Progress Association of Steam Fitters and Helpers, in undertaking to procure the discharge of McQueed and others, members of the National Protective Association of Steam Fitters and Helpers. McQueed had been instrumental in organizing the latter association after having been refused membership in one of the defendant associations on the ground that he had failed to pass the required' examination. At a hearing in special term an injunction was granted restraining Cumming et al., according to the prayers of the plaintiff, but an appeal to the appellate division procured a reversal of the trial court's judgment. An appeal was then taken by the National Protective Association to the Court of Appeals, resulting in an affirmation of the order of the appellate division.

The facts, on which no question was raised at this hearing, were found by the trial judge to be as follows:
That the defendant Cumming threatened to cause a general strike against the plaintiff association and against the plaintiff McQueed wherever he found them at work, and that he would not allow them to work at any job in the city of New York, except some small jobs
where the men of the Enterprise Association were not employed, and that he and the defendant Nugent threatened to drive the plaintiff association out of existence; that the defendants Cumming and Nugent, while acting in their capacity of walking delegates for their respective associations, and members of the board of delegates, caused the plaintiff McQueed and other members of the plaintiff association to be discharged by their employers from various places of work upon buildings in the course of erection by threatening the said employers that if they did not discharge the members of the plaintiff association, and employ the members of the Enterprise [and] Progress Association[s] in their stead, the said walking delegates would cause a general strike of all men of other trades employed on said buildings, and that the defendant Cumming, as such walking delegate, did cause strikes in order to prevent the members of the plaintiff association from continuing with the work they were doing at the time the strike was ordered, and that the said employers, by reason of said threats and the acts of the defendants Cumming and Nugent, discharged the members of the plaintiff association, and employed the members of the Enterprise and Progress associations in their stead.

There was a minority opinion, drawn up by Judge Vann and concurred in by two others. The opinion of the court was prepared by Chief Justice Parker, being concurred in by three others, and is in part as follows:

The order of the appellate division should be affirmed, on the ground that the facts found do not support the judgment of the special term. In the discussion of that proposition, I shall assume that certain principles of law laid down in the opinion of Judge Vann are correct, namely: "It is not the duty of one man to work for another unless he has agreed to, and if he has so agreed, but for no fixed period, either may end the contract whenever he chooses. The one may work or refuse to work at will, and the other may hire or discharge at will. The terms of employment are subject to mutual agreement, without let or hindrance from anyone. If the terms do not suit, or the employer does not please, the right to quit is absolute, and no one may demand a reason therefor. Whatever one man may do alone, he may do in combination with others, provided they have no unlawful object in view. Mere numbers do not ordinarily affect the quality of the act. Workingmen have the right to organize for the purpose of securing higher wages, shorter hours of labor, or improving their relations with their employers. They have the right to strike (that is, to cease working in a body by prearrangement until a grievance is redressed), provided the object is not to gratify malice or inflict injury upon others, but to secure better terms of employment for themselves. A peaceable and orderly strike, not to harm others, but to improve their own condition, is not in violation of law." Stated in other words, the propositions quoted recognize the right of one man to refuse to work for another on any ground that he may regard as sufficient, and the employer has no right to demand a reason for it. But there is, I take it, no legal objection to the employee's giving a reason, if he has one, and the fact that the reason given is that he refuses to work with another who is not a member of his organization,
whether stated to his employer or not, does not affect his right to stop. work; nor does it give a cause of action to the workman to whom he objects, because the employer sees fit to discharge the man objected to, rather than lose the services of the objector. The same rule applies to a body of men, who, having organized, for purposes deemed beneficial to themselves, refuse to work. Their reasons may seem inadequate to others, but, if it seems to be in their interest as members of an organization to refuse longer to work, it is their legal right to stop. The reason may no more be demanded, as a right, of the organization than of an individual; but, if they elect to state the reason, their right to stop work is not cut off because the reason seems inadcquate or selfish to the employer or to organized society. And if the conduct of the members of an organization is legal in itself, it does not become illegal because the organization directs one of its members to state the reason for its conduct.

The object of such an organization is to benefit all its members, and it is their right to strike, if need be, in order to secure any lawful benefit to the several members of the organization,-as, for instance, to secure the reemployment of a member they regard as having been improperly discharged, and to secure from an employer of a number of them employment for other members of their organization who may be out of employment, although the effect will be to cause the discharge of other employees who are not members. And whenever the courts can see that a refusal of members of an organization to work with nonmembers may be in the interest of the several members, it [they] will not assume, in the absence of a finding to the contrary, that the object of such refusal was solely to gratify malice, and to inflict injury upon such nonmembers. A number of reasons for the action of the organization will at once suggest themselves in a case like this. One reason apparent from the findings in this case, as I shall show later, is the desire of the organization that its own members may do the work the nonmembers are performing. And another most important reason is suggested by the fact that these particular organizations, associations of steam fitters, required every applicant for membership to pass an examination testing his competency. Now, one of the objections sometimes urged against labor organizations is that unskillful workmen receive as large compensation as those thoroughly competent. The examination required by the defendant associations tends to do away with the force of that objection as to them. And again, their restriction of membership to those who have stood a prescribed test must have the effect of securing careful as well as skillful associates in their work, and that is a matter of no small importance, in view of the state of the law, which absolves the master from liability for injuries sustained by a workman through the carelessness of a coemployee. I know it is said in another opinion in this case that "workmen can not dictate to employers how they shall carry on their business, nor whom they shall or shall not employ;" but I dissent absolutely from that proposition, and I assert that, so long as workmen must assume all the risk of injury that may come to them through the carelessness of coemployees, they have the moral and legal right to say that they will not work with certain men, and the employer must accept their dictation or go without their services.

After reviewing the facts as found by the trial judge (see above), Judge Parker said:

Now there is not a fact stated in that finding which is not lawful, within the rules which I have quoted supra. Those principles concede the right of an association to strike in order to benefit its members; and one method of benefiting them is to secure them employment,-a method conceded to be within the right of an organization to employ. There is no pretense that the defendant associations or their walking delegates had any other motive than one which the law justifies,-of attempting to benefit their members by securing their employment. It is only where the sole purpose is to do injury to another, or the act is prompted by malice, that it is insisted that the act becomes illegal. No such motive is alleged in that finding.

Judge Parker then reverted to the use of the word "threats" in the finding of the trial judge, and after saying that what was so named was a "simple notification of their determination" to strike, he continued:

But the sense in which the word was employed by the court is of no consequence, for the defendant associations had the absolute right to threaten to do that which they had the right to do. Having the right to insist that plaintiff's men be discharged, and defendant's men put in their place, if the services of the other members of the organization were to be retained, they also had the right to threaten that none of their men would stay unless their members could have all the work there was to do.

As to the finding that "Cumming threatened to cause a general strike against the plaintiff association and against the plaintiff McQueed wherever he found them at work, and that he would not allow them to work at any job in the city of New York, except some small jobs where the men of the Enterprise Association were not employed, and that he and defendant Nugent threatened to drive the plaintiff association out of existence," the court states that:

It will be found that it fairly means no more than that the defendant associations did not purpose to allow McQueed and the members of his association to work upon any jobs where members of defendant association were employed; that they were perfectly willing to allow them to have small jobs, fitted, perhaps, for men who were willing to work for small wages, but that the larger jobs, where they could afford to pay and would pay the rate of wages demanded by defendant associations, they intended to secure for their members alone, -a determination to which they had a perfect right to come, as is conceded by the rules which I have quoted. Having reached that conclusion, defendants notified McQueed, who had organized an association when be failed to pass the defendant's examination, that they would prevent him and the men of his association from working on a certain class of jobs. They did not threaten to employ any illegal method to accomplish that result.
Judge Vann, who prepared the minority opinion, which was concurred in by two other judges, first rehearsed the findings of fact as
already given and laid down certain general principles of law, which were quoted in part by Chief Justice Parker (page 1119, supra). After stating, as there quoted, that "a peaceable and orderly strike, not to harm others, but to improve their own condition, is not in violation of law," Judge Vann continued:

They have the right to go further, and to solicit and persuade others, who do not belong to their organization, and are employed for no fixed period, to quit work, also, unless the common employer of all assents to lawful conditions, designed to improve their material welfare. They have no right, however, through the exercise of coercion, to prevent others from working. When persuasion ends, and pressure begins, the law is violated; for that is a trespass upon the rights of others, and is expressly forbidden by statute. (Penal Code, sec. 168.) They have no right, by force, threats, or intimidation, to prevent members of another labor organization from working, or a contractor from hiring them or continuing them in his employment. They may not threaten to cripple his business unless he will discharge them, for that infringes upon liberty of action, and violates the right which every man has to conduct his business as he sees fit, or to work for whom and on what terms he pleases. Their labor is their property, to do with as they choose; but the labor of others is their property, in turn, and is entitled to protection against wrongful interference. The defendant associations made their own rules and regulations, and the plaintiff corporation did the same. Neither was entitled to any exclusive privilege, but both had equal rights according to law. Public policy requires that the wages of labor should be regulated by the law of competition and of supply and demand, the same as the sale of food or clothing. Any combination to restrain "the free pursuit in this State of any lawful business," in order "to create or maintain a monopoly," is expressly prohibited by statute, and an injunction is authorized to prevent it.

A combination of workmen to secure a lawful benefit to themselves should be distinguished from one to injure other workmen in their trade. Here we have a conspiracy to injure the plaintiffs in their business, as distinguished from a legitimate advancement of the defendant's own interests. While they had the right by fair persuasion to get the work of the plaintiff McQueed, for instance, they had no right, either by force or by threats, to prevent him from getting any work whatever, or to deprive him of the right to earn his living by plying his trade. By threatening to call a general strike of the related trades, the defendants forced the contractor to discharge competent workmen who wanted to work for him, and whom he wished to keep in his employment. They conspired to do harm to the contractor in order to compel him to do harm to the plaintiffis, and their acts in execution of the conspiracy caused substantial damage to the members of the plaintiff corporation. While no physical force was used, the practical effect was that members of one labor organization drove the members of another labor organization out of business, and deprived them of the right to labor at their chosen vocation. The object was evil, for it was not to compete for employment by fair means, but to exclude rivals from employment altogether by unfair means. The law gives all men an equal chance to live by their own
labor, and does not permit one labor union to seize all the chances, by compelling employers to rofuse employment to the members of all other unions. The plaintiffs do not ask for protection against competition, but from "malicious and oppressive interference" with their right to work at their trade.

Judge Vann then recounted evidence given by employers during the trial as to the insistence of the defendants on the discharge of the plaintiffs, the methods used to procure compliance with their demands and to the effect that the men discharged "were good workmen, that their work was satisfactory, and that there was no reason for discharging them, other than the threats made." Continuing, he said:

It may be argued that the employers were not obliged to yield to these threats, and this is true; but noncompliance meant ruin to them, for their work would be completely tied up and their business paralyzed. A threat, with ruin behind it, may be as coercive as physical force. When an assosiation is so strong and its discipline so perfect that its orders to strike are equivalent to the commands of an absolute monarch, the effect is the same as the use of physical force. (1 Tied. Cont. Prs. and Prop., p. 433; Erle, Trade Unions, 12, 105.) The purposes of the defendants, as well as the methods pursued by them, were unlawful, and authorized the injunction granted by the trial court in order to prevent irreparable injury and a multiplicity of suits. This was conceded in Reynolds v. Everett, 144 N. Y. 189, 39 N. E. 72, and demonstrated in Davis $v$. Zimmerman, 91 Hun. 489, 36 N. Y. Supp. 303. The fact that a lawful strike inflicts injury upon the employer is not controlling. As was said by a recent writer upon the subject: "The courts recognize the right of workingmen to combine together for the purpose of bettering their condition, and, in endeavoring to attain their object, they may inflict more or less inconvenience and damages upon the employer; but a threat to strike unless their wages are advanced is something very different from a threat to strike unless workmen who are not members of the combination are discharged. While it may be argued that indirectly the discharge of the nonunion employee will strengthen and benefit the union, and thereby indirectly benefit the union workmen, the benefit to the members of the combination is so remote, as compared to the direct and immediate injury inflicted upon the nonunion workmen, that the law does not look beyond the immediate loss and damage to the innocent parties, to the remote benefits that might result to the union." (1 Eddy, Combns., 416.)

The conclusions I have announced are supported by the weight of authority in this country and in England. The leading case in this State is controlling in principle, and requires a reversal of the order appealed from. (Curran $v$. Galen, 152 N. Y. 33, 46 N. E. 297.) [See Bulletin No. 11, U. S. Department of Labor, page 529.]
The facts in this case were next reviewed, which are in brief that Curran had refused to join a branch of the Knights of Labor, and had been dismissed from service by his employers in pursuance of an agreement that they should employ none but members of said organization. Curran complained of "malicious and false reports" prevent-
ing his employment. The defense was that all that was done was solely in pursuance of the agreement referred to, and in accordance with the terms thereof, and without intent or purpose to injure the plaintiff in any way. This answer was held insufficient by both the trial court and the supreme court of the State, and Curran obtained judgment. Judge Gray, in his memorandum concurring with the opinion prepared by Chief Justice Parker, distinguished between the present case and the case of Curran v. Galen, holding that in the latter case malice was an element, while in the case in hand none appears.

After presenting the above facts Judge Vann said:
All the judges who sat in this court united with Judge Gray [in the case Curran $v$. Galen] in saying that: "Public policy and the interests of society favor the utmost freedom in the citizen to pursue his lawful trade or calling, and if the purpose of an organization or combination of workingmen be to hamper or to restrict that freedom, and, through contracts or arrangements with employers, to coerce other workingmen to become members of the organization, and to come under its rules and conditions, under the penalty of the loss of their position and of deprivation of employment, then that purpose seems clearly unlawful."

Quotations were made from recent English opinions, and a large number of cases were cited in support of the views set forth.

Judge Vann then concluded:
I think that the action of the defendants was unlawful and was properly restrained, but the injunction, in the form granted, is too broad and requires modification. It prevents the defendants "from coercing or obtaining by command, threats, strikes, or otherwise, the dismissal or discharge by any employer, contractor, or owner, of the members of the plaintiff corporation," etc. This might prevent fair persuasion or solicitation, which the defendants may resort to.

The order of the appellate division, so far as appealed from, should be reversed, and the judgment of the special term modified by striking out the words "or' otherwise" therefrom, and, as modified, affirmed, with costs to the appellants in all courts.

Railroad Companies-Hospital Service-Liablity for Refusing Certificate of Admission-Measure of Damages-Illinois Central Railroad Company v. Gheen, Court of Appeals of Kentucky, 66 Southwestern Reporter, page 639.-T. W. Gheen sued in the circuit court of Livingston County to recover damages from the above-named company for its refusal to admit him into a hospital. This hospital was under the supervision and control of the railroad company, and each employee on a certain division who worked as much as four days in a month was required to contribute toward its support, the amount of such contribution being withheld by the company's paymaster and by him turned into the hospital fund.

While in the employ of the company, Gheen's hand was injured and he made application to his foreman for a certificate entitling him to admission into the hospital, there to receive surgical treatment, board, etc., as well as to receive transportation from the place of his employment to the city of Paducah in which the hospital was located. This was denied, and Gheen was treated by the local surgeon of the company, but not in such wise as to prevent the amputation of three of his fingers, which he claimed could have been prevented by prompt admission to the hospital. The trial resulted in a verdict for the plaintiff from which the company appealed, obtaining a reversal of the judgment of the court below with directions for a new trial.

The railroad company denied all responsibility for the hospital management or liabilities, and also denied that Gheen was entitled to admission, or that he was injured or damaged by being refused admission earlier than he was. Gheen claimed nothing for the original injury, but only for the increased injury resulting from the delay of the company in allowing him to enter the hospital, into which he was finally admitted and in which his fingers were amputated.

As to the liability of the railroad company for the management of the hospital, the court, after reciting the facts as to control and support given above, said:

We are of opinion that these facts, proven without serious, if any, contradiction, would have authorized the court to instruct the jury peremptorily that, if appellee had been engaged more than four days, he was entitled to admission into the hospital, and if he was refused permission to enter, or certificate entitling him to transportation and entrance to the hospital, and was injured by such refusal, he was entitled to recover.

The instruction of the lower court as to measure of damages was in part as follows:

The court says to the jury if, under the evidence and instructions, they find for plaintiff, they will find only such damages as will compensate him for the excess of pain and suffering, if any, that he endured over that which he would have endured if he had been treated in the hospital, and for the loss of his fingers and power to earn money, and mental and physical suffering by reason thereof, provided the jury believe from the evidence that his fingers could and would have been saved if he had been permitted to enter said hospital when he first applied for admission.

This instruction was excepted to by the appellant company, which exception was sustained by the court of appeals. The court said:

The general and universal rule of law in regard to damages is that every person must do all that can reasonably be done to render the damage for any act or omission as light as possible. Under this rule, the appellee, when he was refused admission to the hospital, if such
be the case, was bound to do all that he could to keep the consequent injury and damage as light as possible. To do so, he should have employed medical and surgical attention to cure his hand, or, at least, to arrest other and further injury. For such services and attention, or the cost thereof, the appellant, if liable at all, would be required to pay. Appellee was entitled, if at all, to the skilled surgical attention he would have received at the hospital of appellant, including board, transportation, and such accommodations and charges as the hospital would furnish its patients. If appellant refused to furnish such, and was bound to do so, the appellee could and should have sought such attention elsewhere, and for the reasonable cost thereof appellant would be liable. The science of medicine and surgery has not so far advanced that it could be said as a certain fact that if appellee had been admitted into the hospital, and had received the very best attention there to be had, he would not have suffered pain and mental anxiety, and that surely he would not have lost his fingers. By the establishment of the hospital, the appellant did not assume or undertake to cure disease, or in all cases relieve from injuries. The undertaking was to furnish medical and surgical attention, and to nurse and care for the patient who is admitted therein. If appellant be liable under the proof, its liability is for failure to furnish these things, and the damage for such failure is the reasonable cost at which such care and attention, board, and medical and surgical skill could have been obtained, as well as cost of transportation to the nearest suitable place where such attention could be had.

# Laws Of various states relating To labor enacted since JANUARY 1, 1896. 


#### Abstract

The Second Special Report of the Department contains all laws of the various States and Territories and of the United States relating to labor in force January 1, 1896. Later enactments are reproduced in successive issucs of the Bulletin from time to time as published.]


## ARIZONA. <br> ACTS OF 1901. <br> Liability of employers for acts of employees.

Section 2767 (Civil Code). Sub-section 4. Every corporation doing business in the Territory of Arizona, shall be liable for all damages done to any employee in consequence of any negligence of its agents or employees to any person sustaining such damage: Provided, Such corporation has had previous notice of the incompetency, carelessness or negligence of such agent or employee.

Took effect April 19, 1901.

## Creating unsafe amount of steam in boilers.

Section 308 (Penal Code). Every engineer or other person having charge of any steam boiler, steam engine or other apparatus for generating or employing steam, used in any manufactory, railway or other mechanical works, who willfully or from zgnorance or gross neglect creates, or allows to be created, such an undue quantity of steam as to burst or break the boiler or engine or apparatus, or cause any other accident whereby human life is endangered, is guilty of a felony.
Took effect September 1, 1901.

## Offenses of railroad employees.

Sbctron 330 (Penal Code). Every conductor, engineer, brakeman, switchman, or other person having charge, wholly or in part, of any railroad car, locomotive, or train, who willfully or negligently suffers or causes the same to collide with another car, locomotive, or train, or with any other object or thing whereby the death of a human being is produced, is punishable by imprisonment in the Territorial prison for not less than one nor more than ten years.
Sec. 355 (Penal Code). Every person in charge of a locomotive engine, who, before crossing any traveled public way, omits to cause a bell to ring or steam-whistle to sound at the distance of at least eighty rods from the crossing, and up to it, is guilty of a misdemeanor.
SEc. 358 (Penal Code). Every engineer, conductor, brakeman, switch-tender, or other officer, agent, or servant of any railroad company, who is guilty of any willful violation or omission of his duty as such officer, agent or servant, whereby human life or safety is endangered, the punishment of which is not otherwise prescribed, or any person or corporation knowingly employing any such person, is guilty of a misdemeanor.
Sec. 360 (Penal Code). Any engineer, conductor or other employee of any corporation operating a railway in this Territory, who shall suffer or permit any locomotive or cars to be or remain upon the crossing of any public highway over such railway so as to obstruct travel over such crossing for a period exceeding fifteen minutes, is guilty of a misdemeanor, except in cases of unavoidable accident.
Took effect September 1, 1901.

## Payment of wages.

Section 615 (Penal Code). All corporations or individuals employing men shall pay wages due their employees at least once a month, in lawful money of the United States of America, or bank check of even date.

Sec. 616 (Penal Code). Whenever an employee quits the service or is discharged therefrom, such employee shall be paid, whatever wages are due him, in lawful money of the United States of America, or by check of even date, on a bank, and said wages shall be paid at once.
Sec. 617 (Penal Code). Any person or persons violating any of the provisions of the two preceding sections are guilty of a misdemeanor.

Took effect September 1, 1901.

## IDAHO.

ACTS OF 1901.

## Labor Commission.

[Page 66.]
Section 1. There shall be and is hereby created, a commission to be composed of two electors of the State, which shall be designated the labor commission, and which shall be charged with the duties and vested with the powers hereinafter enumerated.
Sec. 2. The members of said commission shall be appointed by the governor, by and with advice and consent of the senate; and shall hold office for two years and until their successors shall have been appointed and qualified. One of said commissioners shall have been, for not less than six (6) years of his life, an employee, for wages, in some department of industry, in which it is usual to employ a number of persons, under single direction and control, and shall be, at the time of his appointment, affiliated with the labor interest as distinguished from the capitalist or employing interest.
The other of said commissioners shall have been, for not less than six years, an employer of labor, for wages, in some department of industry in which it is usual to employ a number of persons, under single direction and control, and shall be, at the time of his appointment, affiliated with the employing interest, as distinguished from the labor interest. Neither of said commissioners shall be less than twenty-five years of age, and they shall not be members of the same political party. A political party under the meaning of this section, should be held to mean one or more parties supporting one ticket or member of a fusion; neither of them shall hold any other State, county or city office in Idaho, during the term of office for which they shall be appointed.

Each of said commissioners shall take and subscribe an oath, to be endorsed upon his commission, to the effect that he will punctually, honestly and faithfully discharge his duties as such commissioner.

Sec. 3. Such commission shall have a seal and shall not be required to leave their personal labor or business, except to perform the duties devolving upon them as members of the labor commission.

When necessary, they may appoint a secretary, who shall be a skillful stenographer and typewriter, and who shall receive a salary of four dollars per day and traveling expenses for every day spent in the discharge of duty under the direction of the commission.
Sec. 4. It shall be the duty of said commissioners, upon receiving authentic information, in any manner, of the existence of any strike, lockout, or other labor complication in this State, effecting [affecting] the labor or employment of fifty persons or more, to go to the place where such complication exists, put themselves into communication with the parties to the controversy, and offer them [their] services as mediators between them: Provided, That in all cases where less than fifty persons are on strike or lockout, the commission may, in their discretion, act as though such number of strikers consisted of fitty or more persons. If they shall not succeed in effecting an amicable adjustment of the controversy in that way, they shall endeavor to induce the parties to submit their differences to arbitration, either under the provisions of this act or otherwise as they may elect.
Sec. 5. For the purpose of arbitration, under this act, the labor commissioners and the judge of the district court of the district in which the business in relation to which the controversy shall arise, shall have been carried on, shall constitute a board of arbitrators, to which shall be added, if the parties so agree, two other members, one to be named by the employer, and the other by the employees in the arbitration agreement. If the parties to the controversy are a railroad company, and the employees of the company engaged in the running of trains, any terminal within this State, of the road, or any division thereof, may be taken and treated as the location of the business within the terms of this section, for the purpose of giving jurisdiction to the judge of the district court, to act as a member of the board of arbitration.

Sec. 6. An agreement to enter into arbitration under this act, shall be in writing and shall state the issue to be submitted and decided, and shall have the effect of an agreement, by the parties, to abide by, and perform the award.
Such an agreement may be signed by the employer, as an individual firm, or corporation, as the case may be, and execution of the agreement, in the name of the employer, by any agent or representative of such employer, then and therefore in control or management of the business or department of business, in relation to which the controversy shall have arisen, shall bind the employer. On the part of the employees the agreement may be signed by them, in their own person, not less than two-thirds of those concerned in the controversy, signing, or it may be signed by a committee, by them appointed. Such committee may be created by election at a meeting of the employees concerned in the controversy, at which not less than two-thirds of such employees shall be present, which election, and the fact of the presence of the required number of employees at the meeting, shall be evidenced by the affidavit of the chairman and secretary of such meeting, attached to the arbitration agreement. If the employees, concerned in the controversy, or any of them shall be members of any labor union or working men's society, they may be represented in the execution of said arbitration agreement by officers or committeemen of the union or society designated by it, in any manner conformable to its usual methods of transacting business, and others of the employees, represented by committee as hereinbefore provided.
Sec. 7. If upon any occasion calling for the presence and intervention of the labor commissioners, under this act, one of said commissioners shall be present and the other absent, the judge of the district court of the district in which the dispute shall have arisen, as defined in section 5 , shall upon the application of the commissioners present, appoint a commissioner pro tem., in the place of the absent commissioner and such commissioner pro tem. shall exercise all the powers of a commissioner under this act, until the termination of the duties of the commission with respect to the particular controversy, upon the occasion of which the appointment shall have been made, and shall receive the same pay and allowances provided by this act, for the other commissioners. Such commissioner pro tem. shall represent and be affiliated with the same interests as the absent commissioner.

Sec. 8. Before entering upon their duties, the arbitrators shall take and subscribe an oath or affirmation to the effect that they will honestly and impartially perform their duties as arbitrators, and a just and fair award render, to the best of their ability. Thesitting of the arbitrators shall be in the court room of the district court or such other place as shall be provided by the county commissioners, of the county in which the hearing is had. The district judge shall be the presiding member of the board. He shall have power to issue subpoenas for witnesses who do not appear voluntarily, directed to the sheriff of the county, whose duty it shall be to serve the same, without delay. He shall have power to administer oaths and affirmations to witnesses, enforce order, and direct and control the examinations.
The proceedings shall be informal in character, but in general accordance with the practice governing the district courts in the trial of civil cases. All questions of practice, or questions relating to the admission of evidence, shall be decided by the presiding member of the board summarily and without extended argument. The sittings shall be open and public. If five members are sitting as such board, three members of the board, agreeing, shall have power to make an award, otherwise two. The secretary of the commission shall attend the sitting and make a record of the proceedings in shorthand, but shall transcribe so much thereof only as the commission shall direct.

Sec. 9. The arbitrators shall make their award in writing and deliver the same with the arbitration agreement and their oath as arbitrators, to the clerk of the district court of the judicial district in which the hearing was had, and deliver a copy of the award to the employer and a copy to the first signer of the arbitration agreement on the part of the employees. A copy of all the papers shall be preserved by the commission.
SEC. 10. The clerk of the district court shall record the papers, delivered to him, as directed in the last preceding section, in the order book of the district court. Any person, who was a party to the arbitration proceedings, may present to the district court of the county in which the hearing was had, or the judge thereof, in vacation, a verified petition referring to the proceedings and the record of them, in the order book, and showing that said award has not been complied with, stating by whom and in what respect it has been disobeyed.
And thereupon, the court or judge thereof, in vacation, shall grant a rule against the party or parties so charged, to show cause within five days, why said award has not been obeyed, which shall be served by the sheriff as other process. Upon return made to the rule, the judge or court, if in session, shall hear and determine the ques-
tions presented and make such order or orders, directed to the parties before him, in personam, as shall give just effect to the award. Disobedience by any party to such proceedings of any order so made, shall be deemed a contempt of the court, and may be punished accordingly. But such punishment shall not extend to imprisonment except in case of williful disobedience. In all proceedings under this section, the award shall be regarded as presumptively binding upon the employer and all employees who were parties to the controversy submitted to arbitration, which presumption shall be overcome only by proof of dissent from the submission delivered to the arbitrators, or one of them, in writing, before the commencement of the hearing.
Sec. 11. The labor commission with the advice and assistance of the attorney general of the State, which he is hereby required to render, may make rules and regulations respecting proceedings in arbitration, under this act, not inconsistent with this act, or the law, including forms, and cause the same to be printed and furnished to all persons applying therefor, and all arbitration proceedings under this act shall thereafter conform to such rules and regulations.
Sec. 12. Any employer and his employees, not less than twenty-five in number, between whom differences exist which have not resulted in any open rupture or strike, may, of their own motion, apply to the labor commission, for arbitration of their differences, and upon the execution of an arbitration agreement, as hereinbefore provided, a board of arbitrators shall be organized in the manner hereinbefore provided, and the arbitration shall take place and the award be rendered, recorded and enforced, in the same manner as in arbitrations under the provisions found in the preceding sections of this act.

Sec. 13. In all cases arising under this act, requiring the attendance of a judge of the district court as a member of the arbitration board, such duty shall have precedence over any other business pending in his court, and if necessary for prompt transaction of such other business, it shall be his duty to appoint the district judge of an adjoining district to sit in the district court in his place during the pendency of such arbitration, and such appointee shall receive the same compensation for his services as is now allowed by law to judges appointed to sit in case of change of judge in civil actions. In case the judge of the district court, whose duty it shall become under this act, to sit upon any board of arbitrators, shall be at the time actually engaged in a trial which can not be interrupted without loss and injury to the parties, and which will, in his opinion, continue for more than three days to come, or is disabled from acting by sickness or otherwise, it shall be the duty of such judge to call in and appoint the district judge of an adjoining district, to sit upon such board of arbitrators, and such appointed judge shall have the same power and perform the same duties as member of the board of arbitration as are by this act vested in and charged upon the district judge regularly sitting, and he shall receive the same compensation, now provided by law, to a judge sitting by appointment, upon a change of judge in civil cases, to be paid in the same way.
Sec. 14. If the parties to any such labor controversy as is defined in section 4 of this act, shall have failed at the end of five days, after the first communication of said labor commission to them, to adjust their differences amicably, or to agree to submit the same to arbitration, it shall be the duty of the labor commission to proceed at once to investigate the facts attending the disagreement.
In this investigation, the commission shall be entitled, upon request, to the presence and assistance of the attorney general of the State, in person or by depaty, whose duty it is hereby made to attend, without delay, upon request, by letter or telegram, from the commission. For the purpose of such investigation, the commissioners shall have power to issue subpenas and each of the commissioners shall have power to administer oaths and affirmations. Such subpoena shall be under seal of the commission, and signed by the secretary of the commission, or a member of it, and shall command the attendance of the person or persons named in it, at a time and place named, which subpena may be served and returned as other process by any sheriff or constable in the State.

In case of disobedience of any such subpena or the refusal of any witness to testify, the district court having jurisdiction or the judge thereof, during vacation, shall, upon the application of the labor commission, grant a rule against the disobeying person or persons or the person refusing to testify, to show cause, forthwith why he or they should not obey such subpena or testify as required by the commission, or be adjudged guilty of contempt, and in such proceedings, such court, or the judge thereof, in vacation, shall be empowered to compel obedience to such subpoena, as in the case of subpoena issued under the order of and by the authority of the court, or to compel a witness to testify as witnesses in court are compelled to testify. But no person shall be required to attend as a witness, at any place outside the county of his residence. Witnesses called by the labor commission, under this section, shall be paid $\$ 2$ per diem fees out of the expense fund provided by this act, if such payment is claimed at the time of their examination.

Sec. 15. Upon the completion of the investigation authorized by the last preceding section, the labor commission shall forthwith report the facts thereby disclosed, affecting the merits of the controversy, in a brief and condensed form to the governor.

Sec. 16. Any employer shall be entitled, in his response to the inquiries made of him by the commission in the investigation provided for in the last two preceding scections, to submit in writing to the commissioner a statement of any facts material to the inquiry, the publication of which would be likely to be injurious to his business, and the facts so stated shall be taken and held as confidential, and shall not be disclosed in the report or otherwise.

Sec. 17. Said commissioners shall receive a compensation of six dollars each per diem, for the time actually expended, and actual and necessary traveling and hotel expenses, while absent from home in the performance of duty, and each of the two members of the board of arbitration, chosen by the parties under the provisions of this act, shall receive the same compensation for the days occupied in service, upon the board. The attorney general or his deputy shall receive his necessary and actual traveling expenses while absent from home in the service of the commission. Such compensation and expenses shall be paid by the State treasurer upon warrants drawn by the auditor upon itemized and verified accounts of time spent and expenses paid. All such accounts, except those of the commissioners, shall be certified as correct by the commissioners, or one of them, and the accounts of the commissioners shall be certified by the secretary of the commission.

It is hereby declared to be the policy of this act, that the arbitrations and investigations provided for in it, shall be conducted with all reasonable promptness and dispatch, and no member of any board of arbitration shall be allowed payment for more than fifteen days' service, in any one arbitration, and no commissioner shaH be allowed payment for more than ten days' service in the making of the investigation provided for in section 14 and sections following.

Sec. 18. For the payment of the salary of the eecretary of the commission, the compensation of the commissioners and other arbitrators, the traveling and hotel expenses herein authorized to be paid, and for witness fees, printing, stationery, postage, telegrams and office expenses, there is hereby appropriated out of any money in the treasury not otherwise appropriated, the sum of three thousand dollars for the year 1901, and three thousand dollars for the year 1902.

Sec. 19. Within ten days after the members of the labor commission shall have been appointed, and said appointments ratified by the senate, they shall meet at the State capital for a period of not to exceed ten days, for the purpose of drafting rules and method of procedure in sessions of the commission, in accordance with section 11 of this act, and for such period the pay of the commissioners, and the secretary of the commission shall be the same as allowed them by this act, when serving as arbitrators or mediators.
Sec. 20. All laws, in conflict with this act, are hereby repealed.
Sec. 21. This act shall take effect and be in force from and after its passage, an emergency existing therefor.

Approved, March 12, 1901.

## Employment agencies.

[Page 131.]
Siction 1. From and after the date of the passage of this act no person or persons shall carry on, hold, or keep any labor agency, or bureau of employment without first having obtained written permission of the county commissioners of the county wherein said agency or bureau is to be located.
Sec. 2. Before any person or persons shall be permitted to open, keep, or conduct any labor agency or bureau of employment within the jurisdiction of said county, he shall furnish a bond with good and solvent security in favor of the chairman of said county commissioners in the full sum and amount of five thousand dollars ( $\$ 5,000$ ), conditioned that he shall well and truly carry out the purposes for which said agency shall have been established, and that he shall pay all such damages which may result from his or their actions as such agent or agents, keeper or keepers of said bureau of employment and that anyone who may have been injured or damaged by said agent or agents by any act done in furtherance of said business or by fraud or misrepresentations of said agents or keepers, shall have a right to sue for the recovery of such damages before any court of competent jurisdiction.
SEC. 3. Anyone violating the provisions of this act shall be subject to a fine of not more than $\$ 300$, nor less than $\$ 100$, and imprisonment in the county jail for not more than 90 days, nor less than 30 days.
Sxc. 4. Whereas an emergency exists, this act shall take effect and be in force from and after its passage.

Approved March 11, 1901.

## INDIANA.

ACTS OF 1901.
Chapter 28.-Inspection of factories.
Section 1. Section 19 of ["An act concerning labor, etc.," approved March 2, 1899, [shall] be amended so as to read as follows:

Section 19. For the purpose of carrying out the provisions of this act, a department of inspection is hereby created, and the governor shall by and with the advice and consent of the senate, appoint a chief inspector to have charge of said department. Said inspector shall hold and continue in office after the expiration of his term of office until his successor shall have been appointed and qualified. The term of office of the chief inspector shall be for four years. The annual salary of such chief inspector shall be one thousand eight hundred dollars ( $\$ 1,800$ ) and actual expenses when absent from home in the discharge of his official duties. Said chief inspector shall, by and with the consent of the governor, appoint a sufficient number of deputies to enforce the provisions of this act, not to exceed five (5) one of which shall be a chief deputy inspector, whose salary shall be one thousand five hundred dollars ( $\$ 1,500$ ) per annum and actual expenses when absent from home in the discharge of his official duties. The salaries of such other deputies as may be appointed shall be one thousand dollars ( $\$ 1,000$ ) each per annum and actual expenses when absent from home in the discharge of their official duties. But said actual expenses for the department of inspection shall in no year exceed the sum of three thousand dollars ( $\$ 3,000$ ), and the duties of the deputy inspectors shall be such as shall be assigned them by the chief inspector. Said chief inspector shall also employ a stenographer at a salary not to exceed six hundred dollars ( $\$ 600$ ) per annum. The salary and actual expenses of said deputy inspectors and stenographer shall be paid monthly as due, on voucher duly attested before some officer authorized to administer oaths, and approved and signed by the chief inspector, and the salary and actual expenses of the chief inspector shall be paid in monthly installments, out of the treasury of the State, upon warrants of the auditor of state, and the total annual appropriations of ten thousand nine hundred dollars ( $\$ 10,900$ ) for such payments aforesaid, is hereby made out of any moneys in the State treasury not otherwise appropriated: Provided, That the auditor of state shall issue no warrant, except upon itemized bills, sworn to, and presented by the chief inspector provided for in this act.
Approved February 26, 1901.

## Chapter 35.-Inspection of bakeries, etc.

Section 1. Every building, room basement or cellar occupied or used as a bakery or confectionery, canning, packing, pickling, or preserving establishment, or for the manufacture (for sale) of any food product shall be proparly heated, lighted, drained, plumbed and ventilated and conducted with a strict regard to the health of the operatives and the purity and wholesomeness of the food articles produced.
SEC. 2. The floors, side-walls, ceilings, fixtures, furniture and utensils of every establishment or place where food products are manufactured or stored, shall at all times be kept in a clean, healthful and sanitary condition.
The side-walls and ceilings of every bake room or confectionery shall be well plastered, wainscoted or ceiled with metal or lumber. Plastered walls and ceilings shall be oil painted or kept well lime washed and all interior woodwork in every bakery or confectionery shall be kept well oiled or painted with oil paint and kept washed clean with soap and water. And every building room, basement, or cellar occupied or used for the manufacture of any food products shall have, if deemed necessary by the chief inspector an impermeable floor made of cement or tile laid in cement.

Sec. 3. The chief inspector or deputy inspector of the Department of Inspection or any health officer shall have the full power at all times to enter and inspect every building, room, basement, or cellar occupied or used as aforesaid and if such inspection shall disclose a noncompliance with the purpose and provisions of this act, the chief inspector shall require the execution of such lawful sanitary measures or alterations in or about such premises as will conform to the requirements of this act, and secure the production of the food products thereof in a clean and wholesome condition.

SEC. 4. Flour and meal shall be stored in dry and well ventilated rooms only and no basement or cellar not now occupied or used as a bakery or confectionery shall hereafter be used as such except that the requirements of section 1 of this chapter shall have been first fully complied with.

SEc. 5. The sleeping place or places for the persons employed in a bake-shop shall be separate and apart from the bake room; and no person shall be allowed to sleep in a bake room or place where flour or meal or the products thereof are stored. No domestic animal except cats shall be permitted to remain in a bake room or place used for the storage of flour or meal food products.

Sec. 6. No employer shall knowingly require, permit or suffer any person to work in a bakery or confectionery who is affected with consumption of the lungs; or with scrofula, or with any venereal disease or with any communicable skin disease. Cuspidors shall be provided by the owner or operator for each workroom of every bakery or confectionery, and no employee or other person shall expectorate on the floor or side-walls of any bakery or confectionery or place where the manufacture of any food product is conducted.

Plain notices shall be posted in every place where food products of any kind are produced forbidding all persons expectorating on the floors of such establishment.
Skc. 7. The door and window openings of every food producing establishment during fly season shall be fitted with self-closing wire screen doors and top outwardtipping wire window screens.
Sec. 8. Every bakery and confectionery shall be provided with washroom and watercloset or closets but separate and apart from the bake room or rooms where the manufacture of any food product is conducted.
Sec. 9. Any person who violates any of the provisions of this act or refuses to comply with any lawful requirements, of the chief inspector, duly made in writing shall be guilty of a misdemeanor and on conviction shall be punished for the first offense by a fine not less than ten dollars ( $\$ 10$ ) or more than fifty dollars ( $\$ 50$ ), for the second offense by a fine of not less than fifty dollars ( $\$ 50$ ) or more than one hundred dollars ( $\$ 100$ ), and third offense not less than two hundred dollars ( $\$ 200$ ) or by imprisonment for not more than sixty days or both fine and imprisonment.
A copy of this act shall be conspicuously posted in each workroom of every establishment effected [affected] by the provisions of this act.
Approved February 28, 1901.

## Chapter 122.-Rate of wages on public works.

Section 1. From and after the passage of this act, unskilled labor employed upon any public work of the State, counties, cities and towns, shall receive not less than twenty cents an hour for said labor, which may be enforced in a proper action, and in case a suit shall be necessary for the recovery of the compensation herein provided for, and where the compensation is recovered, the person suing shall recover also a reasonable attorney's fee, together with a penalty not exceeding double the amount of wages due: Provided, That boards of commissioners, common councils of towns or cities are prohibited from making contracts with such laborers by the week or any definite length of time wherein a price is agreed upon at a rate less than as provided herein.
Sec. 2. Any contractor or other person in charge of public work of the State, counties, cities or towns, whose duty it is to contract with, employ and pay, the unskilled labor on such public work, who shall violate the provisions of section one of this act shall be deemed guilty of a misdemeanor, and upon conviction thereof shall be fined in any sum not exceeding ten dollars, to which may be added imprisonment in the county jail not exceeding thirty days.
SEC. 3. All laws and parts of laws in conflict with this act are hereby repealed.
Approved March 9, 1901.
Chapter 165.--Protection of wages of laborers on public works-Contractors' bonds.
Section 1. Hereafter the common council of any city in the State of Indiana, not governed by special charter granted by the legislature, and the board of trustees of any incorporated town within such State, shall require all contractors for street, alley, sewer and other public improvements, to give a good and sufficient bond, payable to the State of Indiana, at least two of the sureties on which bond shall be residents of the county in which such city or town is located, which bond shall guarantee the faithful performance of the work, and that the contractor so receiving said contract shall promptly pay all debts incurred in the prosecution of such work, including labor, materials furnished, and for boarding the laborers thereon, where such contractor agrees to be responsible for such board.
Sec. 2. Any laborer, material man or person furnishing board, labor or material to said contractor as in the preceding section provided, and having a claim against such contractor therefor shall after thirty days after the completion of said work have a

$$
9398-\text { No. } 42-02-17
$$

right of action for same with attorney's fee thereon before any court of competent jurisdiction in the county where such city or town making such improvements is located.

Sec. 3. All laws and parts of laws in conflict herewith are hereby repealed.
Sec. 4. An emergency existing for the immediate taking effect of this act, therefore the same shall take effect and be in force from and after its passage.

Approved March 11, 1901.
Chapter 225.-Contracts of employees waiving right to damages.
Section 1. All contracts between employer and employee releasing the employer from liability for damages arising out of the negligence of the employer by which the employee is injured, or in case of the employee's death, to his representatives, are against public policy, and hereby declared null and void.

Sec. 2. All contracts between employer and employee releasing third persons, copartnerships or corporations from liability for damages arising out of the negligence of such third persons, copartnerships or corporations by which the employee of such employer is injured, or in case of the death of such cmployee, to his representatives, are against public policy and are hereby declared null and void.
Sec. 3. All contracts between an employee and a third person, copartnership or corporation in which it is agreed that the employer of such employee shall be released from liability for damages of such employee arising out of the negligence of the employer, or in case of the death of such employee, to his representatives, are against public policy and are hereby declared null and void: Provided, That nothing in this act shall apply to voluntary relief departments, or associations organized for the purpose of insuring employees. Nothing in this act shall be construed to revert back to contracts made prior to the passage of this act. Nor shall this act affect pending litigation: Provided, That nothing in any section of this act shall be so construed as to affect or apply to any contract or agreement that may be made between the employer and employee, or in case of death, his next of kin or his representative after an injury to the employee has occurred, but the provisions of this act shall apply solely to contracts made prior to any injury.
Scc. 4. Whereas an emergency exists for the immediate taking effect of this act therefore the same shall be in force from and after its passage.
Approved March 11, 1901.

## Chapter 232.-Inspection of mines.

Section 1. Sections 3, 4, 5, and 6, of an act entitled "An act abolishing the office of mine inspector in the State of Indiana, establishing the office of inspector of mines, providing the manner of appointment to such office, repealing all laws and parts of laws in conflict therewith, and declaring an emergency,", passed notwithstanding the governor's veto, March 4th, 1891, being sections 7452, 7453, 7454 and 7455 of Burns' 1894 revisions of the Indiana statutes, [shall] be amended to read as follows:
Section 3. The inspector of mines shall appoint two assistants, who shall each pass such examinations touching his qualifications for such position as may be prescribed by such inspector of mines. Such inspector of mines shall execute certificates of such appointment and deliver the same to each of such assistants, who shall thereupon qualify by each executing a bond and taking an oath in the manner and form provided by this act, and when so qualified, each such assistant is authorized and empowered to draw his salary and to perform all the duties of his office as prescribed by this act. Each of such assistants shall be subject to the orders and directions of the inspector of mines, and, in pursuance of such orders and directions, is empowered to do any and all acts and to perform all the duties incumbent upon the inspector of mines. They shall each make a detailed and itemized report as often as required, to the inspector of mines, of the work performed by him, and shall hold his office subject to removal at any time by such inspector of mines for cause.
SEC. 2. Section 4 of said above entitled act [shall] be amended to read as follows:
Sectior. 4. The inspector of mines and his assistants shall be residents of the State of Indiana for at least five (5) years immediately preceding their appointment to office, and shall be practical miners of at least ten (10) years' experience in actual mining, and no person shall be eligible to hold the office of inspector of mines or assistant inspector of mines who is or may be pecuniarily interested in any coal mine within this State, either directly or indirectly. The inspector of mines and his assistants, before entering upon the duties of their offices, shall each execute a bond payable to the State of Indiana, with good and sufficient surety, in the sum of one thousand dollars ( $\$ 1,000$ ), and shall take and subscribe to an oath to be endorsed upon the back of each bond for the faithful performance of the duties of the office, which bond shall be approved by and filed with the secretary of state.

Sec. 3. Section 5 of said above entitled act [shall] be amended to read as follows: Section 5. The inspector of mines and his assistants shall perform all the duties now required by law to be performed by the mine inspector, and such inspector of mines shall make an annual report to the State geologist of all matters now required by law to be reported, which report shall be published with the report of the State geologist, and shall in every respect comply with the law pertaining to the inspection of mines.
Sec. 4. Section 6 of said above entitled act [shall] be amended to read as follows:
Section 6. The inspector of mines shall receive as compensation for his services the sum of one thousand eight hundred dollars ( $\$ 1,800$ ) per annum, and each assistant inspector of mines shall receive as compensation for his services the sum of one thousand two hundred dollars ( $\$ 1,200$ ) per annum, and for expenses, said inspector and his assistants shall receive the sum actually and necessarily expended for that purpose, in the discharge of their official duties, all to be paid quarterly by the State treasurer from the funds in the State treasury not otherwise appropriated. All expense bills shall be sworn to and shall show the items of expense in detail. Said inspector of mines may also appoint a secretary to assist him in the discharge of his duties, who shall receive a salary of six hundred dollars ( $\$ 600$ ) per annum.

Sec. 5 . All laws in conflict with any of the provisions of this act are hereby repealed so far as in conflict.

SEc. 6. Whereas an emergency is hereby declared to exist for the immediate taking effert of this act, it shall, therefore, take effect and be in force from and after its passage.

Approved March 11, 1901.
Chapter 236.-Mine regulations-Use of explosives.
SEcTion 1. Whenever any workman is about to open a keg or box containing powder, or other explosives, he shall place and keep his lamp at least five feet distant from said explosive, and in such a position that the air current can not carry sparks to it; and no person shall approach nearer than five feet to any open box or keg containing powder or other explosive with a lighted lamp, pipe or any other thing containing fire.
Sec. 2. In the process of charging and tamping a hole, no person shall use any iron or steel-pointed needle. The needle used in preparing the blast shall be made of copper, and the tamping bar shall be tipped with at least five inches of copper. No coal dust nor any material that is inflammable, or that may create a spark shall be used for tamping and some soft material shall be placed next to the cartridge or explosive.

SEC. 3. Any person or persons violating any of the provisions of this act shall be deemed guilty of a misdemeanor, and if found guilty, shall be fined not less than five dollars ( $(55$ ) nor more than fifty dollars ( $\$ 50$ ) or six months in the county jail, at the discretion of the court.
Approved March 11, 1901.
Chapter 237.-Payment for assignment of wages of coal mine employees in checks, tickets, etc.

Section 1. Whenever any merchant or dealer in goods or merchandise, or any other person, shall take from any employee or laborer for wages, who labors in or about any coal mine in this State, an assignment of such employee's wages, earned or unearned, due or to become due, or shall take from such employee or laborer any order on his employer for any such wages, and shall issue or give to any such employee or laborer, in consideration of or in payment for any such assignment or transfer or order, any check, other than a check on a solvent bank, or any ticket, token or device payable or redeemable or purporting to be payable or redeemable, or agreed to be payable or redeemable in goods, wares or merchandise or anything other than lawful money of the United States, such checks, tickets, token or device shall at once become due and payable in lawful money of the United States, for and to the extent of the full amount of the wages assigned or relinquished for it, and the holder of such check, ticket, token or device shall, after demand, have the right to collect the same, with reasonable attorney's fees, by suit in any court of competent jurisdiction.
Sec. 2. All laws and parts of laws in conflict with the provisions of this act are hereby repealed.
Approved March 11, 1901.

Chapter 264.—Marking and sale of convict-made goods.
Section 1. It shall be unlawful for any person or persons or corporations to expose for sale within the State of Indiana, without first obtaining from the secretary of state a license to sell any convict-made goods, merchandise or wares, as hereinafter provided.
SEC. 2. Every person, persons or corporation desiring to act as agent for or to deal in convict-made goods, merchandise or wares, before exposing such goods within the limits of the State of Indiana, shall make an application in writing to the secretary of state, setting forth his or their residence, or office, the class of goods he, they or it desires to deal in, the town, village or city, giving the street number at which he, they or it intends to locate, together with the names of two or more responsible citizens of the State of Indiana, who shall enter into a bond of not less than five thousand dollars to guarantee that the said applicant will in all and every particular comply with any and all laws of the Ste e of Indiana, regulating and presc...bing the sale of convict-made goods, wares and merchandise.
Sec. 3. The secretary of state shall thereupon issue a license to such applicant for one year, except as hereinafter provided, which license shall set forth the name of the person, persons or corporation, and shall be kept conspicuously posted in his, their or its place of business.
Sec. 4. Such person, persons or corporations shall annually, before the fifteenth day of January in each year, transmit to the secretary of state a verified statement setting forth: (1) The name of the person, persons or corporation. (2) His, their or its place of business. (3) The names of the persons, agents, warden or keepers of any prison, jail, penitentiary or reformatory, or establishment using convict labor, with whom he has done business, and the person, persons or corporation to whom he has sold goods, wares or merchandise, giving the State, city or town and street number of such purchaser or purchasers. (4) In general terms the amount paid to each of such agents, wardens or keepers, for goods, wares, or merchandise, and the character of goods, wares or merchandise so received.
SEc. 5. Every person, persons or corporation shall pay annually, upon the issue of such license as hereinbefore provided, the sum of five hundred dollars to the secretary of state as a license fee, which amount shall be credited to the maintenance account of the State prison.
Sec. 6. Licenses shall be for one year unless revoked as subsequently provided.
SEc. 7. The secretary of state shall have the power to revoke the license of any person, persons or corporation upon satisfactory evidence or upon conviction for any violation of any law regulating the sale of convict-made goods, wares or merchandise; but no such revocation shall be made until due notice to the person, persons or corporation so complained of; and for the purpose of this section the said secretary of state, or his authorized agents, shall have power to administer oath and to compel the attendance of persons and the production of books, papers, et cetera.
Sec. 8. All goods, wares or merchandise made or partly made by convict labor in any penitentiary, prison, reformatory or other establishment shall before being exposed for sale, be branded, labeled or marked as hereinafter provided, and it shall not be exposed for sale in any place within this State without such brand, label or mark.
SEc. 9. The brand, label or mark hereby required shall contain at the head or top thereof the words "Convict-made," followed by the year and name of the penitentiary, prison, reformatory or other establishment in which it was made, in plain English letters of the style known as Great Primer Roman capitals. The brand or mark shall in all cases, where the nature of the article will permit, be placed upon the same, and only where such branding or marking is impossible a label shall be used; and where a label is used it shall be in the form of a paper tag, which shall be attached by wire to each article, where the nature of the article will permit, and placed securely upon the boxes, crates or other covering in which such goods, wares or merchandise may be packed, shipped or exposed for sale. Said brand, mark or label shall be placed upon the outside of, and upon the most conspicuous part of the furnished [finished] article and its box, crate or covering. In case of manufactured clothing of any nature, such label shall be of linen and securely sewed upon each article of such clothing in a place where upon examination it may be easily discerned.
Sec. 10. When upon complaint or otherwise [the] commissioner of labor statistics has reason to believe that this act is being violated, he shall advise the prosecuting attorney of the county in which such alleged violation has occurred of that fact, giving the information in support of his conclusions, and the prosecuting attorney shall at once institute the proper legal proceedings to compel compliances with this act. Any person offending against the provisions of this act shall be gailty of a mis-
demeanor and upon conviction thereof shall be sentenced to pay a fine not exceeding ten hundred dollars and not less than fifty dollars, or to be imprisoned for a term not exceeding twelve months nor less than ten days, or both.
SEc. 11. It shall be lawful for any person, persons or corporation to furnish evidence as to the violation upon the part of any person, persons or corporation, and upon the conviction of such person, persons or corporation one-half of the fine provided for by this act which shall be secured, shall be paid to the commissioner of labor statistics to be used by him in investigating and securing information regarding violations of this act and in paying expenses of securing conviction for violations thereof: Provided, That this act shall not apply to outstanding or existing contracts.
Sec. 12. All laws and parts of laws in conflict with any of the provisions of this act are hereby repealed.
SEC. 13. Whereas an emergency exists for the immediate taking effect of this act, the same shall be in force from and after its passage.
Approved March 15, 1901.

## MICHIGAN.

## ACTS OF 1901.

## Act No. 113.-Inspection of factories, etc.

Stction 1. No male under the age of eighteen years and no female under the age of twenty-one years shall be employed in any manufacturing establishment in this State for any longer period than sixty hours in one week unless for the parpose of making necessary repairs to machinery in order to avoid the stoppage of the ordinary running of the establishments, and no male under the age of eighteen years and no female under the age of twenty-one years shall be employed in any store in this State employing more than ten persons for a longer period than sixty hours in one week: Provided, That no more than ten hours shall be exacted from such male minors or females under twenty-one years on any day unless for the purpose of making a shorter workday on the last day of the week.
Sec. 2. No child under the age of fourteen years shall be employed in any manufacturing establishment, hotel or store within this State. It shall be the duty of every person employing children to keep a register, in which shall be recorded the name, birthplace, age and place of residence of every person employed by him under the age of sixteen years; and no child shall be employed between the hours of six o'clock p. m. and seven o'clock a. m. in any manufacturing establishment or workshop in this State; and it shall be unlawful for any manufacturing establishment, hotel or store to hire or employ any child under the age of sixteen years without there is first provided and placed on file a sworn statement made by the parent or guardian, stating the age, date and place of birth of said child, and that the child can read and write. If said child have no parent or guardian, then such statement shall be made by the child, which statement shall be kept on file by the employer, and which said register and statement shall be produced for inspection on demand by any factory inspector appointed under this act: Provided, That in the city of Detroit and the city of Grand Rapids all sworn statements must be made before a deputy factory inspector.
Sec. 3. No child under the age of sixteen years shall be employed by any person, firm or corporation conducting any manufacturing establishment in this State, at employment whereby its life or limb is endangered, or its health is likely to be injured, or its morals may be depraved, by such employment. No female under the age of twenty-one years and no male under the age of eighteen years shall be allowed to clean machinery while in motion.
Sec. 4. Factory inspectors shall have power to demand a certificate of physical fitness from the county physician, who shall make such examination free of charge, in case of persons who seem physically unable to perform the labor at which they may be employed, and shall have power to prohibit the employment of any person that can not obtain such a certificate: Provided, This section shall not apply except to children under sixteen years of age.
SEc. 5. It shall be the duty of the owner, agent or lessee of any manufacturing establishment where hoisting shafts or well-holes are used, to cause the same to be properly enclosed and secured. It shall also be the duty of the owner, agent or lessee to provide or cause to be provided at all elevator openings in any manufacturing eatablishment, workshop, hotel or store such proper trap or automatic doors or automatic gates, so constructed as to open or close by the action of elevators either ascending or descending. The factory inspector, assistant factory inspector,
or deputy factory inspector, shall inspect the cables, gearing or other apparatus of elevators in manufacturing establishments, workshops, hotels and stores at least once in each year, and more frequently if necessary, and require that the same be kept in a safe condition.
Sec. 6. Fire escapes shall be provided for all manufacturing establishments, hotels and stores, two or more stories in height, if in the opinion of the factory inspector it is necessary to insure the safety of the persons employed in such establishments; said fire escapes or means of egress, or as many thereof as may be deemed sufficient by the inspector, shall be provided, and where it is necessary to provide fire escapes on the outside of such establishments, they shall consist of landings or balconies at each floor above the first, to be built according to specifications approved by the factory inspector. The windows or doors leading to all fire escapes shall open outwardly, or upwardly when provided with a counterbalancing weight, said windows or doors to be not less than thirty-six inches in height and thirty inches in width. All fire escapes shall be located as far as possible, consistent with accessibility, from the stairways and elevator hatchways or openings; and the ladder thereof shall extend to the roof; stationary stairs or ladders shall be provided on the inside from the upper story to the roof, as a means of escape in case of fire. Signs indicating the way to fire escapes shall be placed in conspicuous places. Factory inspectors shall in writing notify the owner, agent or lessee of such manufacturing establishments, hotels and stores, of the required location and specifications of such fire escapes as may be ordered.

SEc. 7. Stairways with substantial hand rails shall be provided in manufacturing establishments, and where in the opinion of the factory inspector it is necessary, the steps of such stairs in all such establishments shall be substantially covered with rubber, securely fastened thereon, for the better safety of persons employed in said establishments. The stairs shall be properly screened at sides and bottom where females are employed, and where practicable the doors of such establishments shall swing outwardly or slide, as ordered by said factory inspector, and shall be neither locked, bolted or fastened during working hours.

Sec. 8. It shall also be the duty of the owner of any factory, or his agent, superintendent or other person in charge of the same, to furnish or supply, or cause to be furnished or supplied, in the discretion of the factory inspector, where machinery is in use, proper shifters or other mechanical contrivances for the purpose of throwing belts on or off pulleys. All gearing or belting shall be provided with proper safeguards, and wherever possible machinery shall be provided with loose pulleys. All vats, saws, pans, planers, cogs, set-screws, gearing and machinery of every description, shall be properly guarded when deemed necessary by the factory inspector.

SEC. 9. Exhaust fans shall be provided for the purpose of carrying off dust from emery wheels and grindstones, and dust-creating machinery, wherever deemed necessary by the factory inspector.

Sec. 10. Every manufacturing establishment, workshop, hotel or store in which five or more persons are employed, and every such institution in which two or more children, young persons or women are employed, shall be supplied with proper wash and dressing rooms, and kept in a cleanly state and free from effluvia arising from any drain, privy, or other nuisance, and shall be provided within reasonable access with a sufficient number of proper water-closets, earth-closets or privies for the reasonable use of the persons employed therein, at least one of such closets for each twenty-five persons employed; and wherever two or more persons and one or more female persons are employed as aforesaid, a sufficient number of separate and distinct water-closets, earth-closets or privies shall be provided for the use of each sex, and plainly so designated, and no person shall be allowed to use any such closet or privy assigned to persons of the other sex.

Sec. 11. Not less than forty-five minutes shall be allowed for the noonday meal in any manufacturing establishment in this State. Factory inspectors shall have power to issue written permits in special cases, allowing a shorter meal time at noon, and such permit must be conspicuously posted in the main entrance of the establishment, and such permit may be revoked at any time the inspector deems necessary, and shall only, be given where good cause can be shown.

Sec. 12. The commissioner of labor and deputy commissioner of labor and deputy factory inspectors shall be factory inspectors in the meaning of this act. At least one of which deputy factory inspectors shall be a woman. Said factory inspectors are hereby empowered to visit and inspect at all reasonable hours, as often as practicable or required, the factories, workshops and other manufacturing establishments in this State where the manufacture of goods is carried on, and all hotels where any person or persons are employed, also all stores employing ten or more persons. Deputy factory inspectors shall report to the commissioner of labor of this State at such time and manner as he may require. It shall also be the duty of the factory inspector to enforce all the provisions of this act and to prosecute for all violations of
the same before any magistrate or in any court of competent jurisdiction in this State.

Sec. 13. Deputy factory inspectors shall make report to the commissioner of labor of each factory, hotel and store visited and inspected by them, which report shall be kept on file in the office of the commissioner, and a copy of said report shall be left with the owner or person in charge of the establishment visited and inspected. Deputy factory inspectors shall have the same power to administer oaths as is now given to notaries public, in cases where persons desire to verify documents connected with the proper enforcement of this act.
Sec. 14. Sections one, two and three of this act shall not apply to canning factories or evaporating works, but shall apply to any other place where goods, wares or products are manufactured, repaired, cleaned or sorted, in whole or in part; but no other person, persons or [corporation] corporations employing less than five persons, or children, excepting in any of the cities of this State, shall be deemed a manufacturing establishment within the meaning of this act.

Sec. 15. For the purpose of carrying out the provisions of this act, the commissioner of labor is hereby authorized and required to cause at least an annual inspection of the manufacturing establishments, factories and hotels, also all stores employing ten or more persons, in this State. Such inspection may be by the commissioner of labor, the deputy commissioner of labor, or such other person as may be appointed by the commissioner of labor for the purpose of making such inspection. Such personsshall be under the control and direction of the commissioner of labor, and are especially charged with the duties imposed, and shall receive such compensation as shall be fixed by the commissioner of labor, not to exceed three dollars a day, together with all necessary expenses. All compensation for services and expenses provided for in this act shall be paid by the State treasurer upon the warrant of the auditor general: Provided; That not more than twenty thousand dollars shall be expended in such inspection in any one year: And provided further, That the commissioner of labor shall present to the governor, on or before the first day of February of each year, a report of such inspection, with such recommendation as may be necessary: And provided further, That in addition to the above amount allowed for expenses, there may be printed not to exceed one thousand copies of such reports for the use of the labor bureau for general distribution, and all printing, binding, blanks, stationery, supplies or map work shall be done under any contract which the State now has or shall have for similar work with any party or parties, and the expense thereof shall be audited and paid for in the same manner as other State printing.

SEC. 16. The prosecuting attorney of any county of this State is hereby authorized and required upon the complaint on oath of the commissioner of labor or factory inspectors, to prosecute to termination before any court of competent jurisdiction, in the name of the people of the State, actions or proceedings against any person or persons reported to him to have violated the provisions of this act.

SEC. 17. No room or apartment in any tenement or dwelling house shall be usedfor the manufacture of coats, vests, trousers, knee-pants, overalls, skirts, dresses, cloaks, hats, caps, suspenders, jerseys, blouses, waists, waist-bands, underwear, neckwear, furs, fur trimmings, fur garments, shirts, hosiery, purses, feathers, artificial flowers, cigarettes or cigars, and no person, firm or corporation shall hire or employ any persons to work in any room, apartment or in any building or parts of buildings, at making, in whole or in part, any of the articles mentioned in this section, without first obtaining a written permit from the factory inspector, or one of his deputies, stating the maximum number of persons allowed to be employed therein and that the building or part of building intended to be used for such work or business is thoroughly cleaned, sanitary and fit for occupancy for such work or business. Such permit shall not be granted until an inspection of such premises is made by the factory inspector or one of his deputies. Said permit may be revoked by the factory inspector at any time the health of the community or of those so employed may require it. It shall be framed and posted in a conspicuous place in the room, or in one of the rooms to which it relates. Every person, firm, company or corporation contracting for the manufacture of any of the articles mentioned in this section, or giving out the incomplete material from which they or any of them are to be made, or to be wholly or partially finished, shall, before contracting for the manufacture of any of said articles, or giving out said material from which they or any of them are to be made, require the production by such contractor, person or persons of said permit from the factory inspector, as required in this section, and shall keep a written register of the names and addresses of all persons to whom such work is given to be made, or with whom they may have contracted to do the same. Such register shall be produced for inspection and a copy thereof shall be furnished on demand made by the factory inspector or one of his deputies: Provided, That nothing in this section shall be so construed as to prevent the employment of a seamstress by any family
for manufacturing articles for such family use. None of the work mentioned in this section shall be done in any room or apartment used for living or sleeping purposes, or which is connected with the room or rooms used for such purposes, and which has not a separate and distinct outside entrance, except by members of the family dwelling therein. Not less than two hundred and fifty cubic feet of air space shall be allowed for each person employed, and all work rooms shall be provided with sufficient means of light, heat and ventiliation as may be prescribed by the chief factory inspector. It shall be the duty of local boards of health, health officers and physicians to report within twenty-four hours to the deputy factory inspector in their respective districts each and every case of contagious or infectious diseases coming officially to their knowledge. The chief factory inspector or any duly appointed deputy factory inspector shall have power to seize and taike charge of all articles found that are being made or partially made, finished, cleaned or repaired in unhealthy or unsanitary places where there are contagious or infectious diseases, in violation of the law, and may proceed to disinfect, condemn or destroy the same as in the opinion of the local board of health or health officer, the public health or safety may require. Whenever it is reported to the chief factory inspector or to the State board of health, or to either of them, that any of the articles named in this section are being or have been shipped into this State, having previously been manufactured in whole or in part under unhealthy conditions, said chief factory inspector shall examine said goods and the condition of their manufacture, and if upon such examination said goods or any of them are found to contain vermin or to have been made in improper places or under unhealthy conditions, heshall make report thereof to the state board of health, which board shall thereupon make such order or orders as the public health and safety may require.
Sec. 18. Any person who violates or omits to comply with any of the foregoing provisions of this act, or who interferes in any manner with the factory inspector in the discharge of his duties, or who suffers or permits any child to be employed in violation of its provisions, shall be deemed guilty of a misdemeanor, and on conviction shall be punished by a fine of not less than five nor more than one hundred dollars or by imprisonment for not less than ten nor more than ninety days, or by both such fine and imprisonment in the discretion of the court.
Sec. 19. Act one hundred eighty-four of the public acts of eighteen hundred ninetyfive, and all acts amendatory thereto, is hereby repealed.
This act is ordered to take immediate effect.
Approved May 13, 1901.
Act No.,222.-Examination, licensing, etc., of plumbers.
Sifition 1. Within thirty days after this act shall take effect, it shall be the duty of the local board of health, and if there be no local board of health then it shall be the duty of the mayor of each of the cities of this State to appoint a board for the examination of plumbers, to examine, license and register plumbers and formulate rules and regulations therefor subject to the approval of such boards of health. Such board shall consist of five persons, of whom one shall be an employing or master plumber of not less than ten years' experience in the business of plumbing, and one shall be a journeyman plumber of like experience, and the other members of such board shall be the officers in charge of the plumbing and drainage department of the board of health of such city, and the chief engineer having charge of sewers in such city, but in the event of there being no such officers in such city, then any other two officers having charge or supervision of the plumbing, drainage or sewerage, whom the mayor shall designate and appoint, or two members of the board of health of such city having like duties or acting in like capacities. The term of office of the master and journeyman plumbers first appointed under the provisions of this act. shall be as follows, to wit: One shall be appointed and hold office from the time of such appointment until the first day of January, nineteen hundred two, and until his successor shall be appointed. One shall be appointed and hold office from the time of such appointment until the first day of January, nineteen hundred three, and until his successor shall be appointed, their term of office to expire respectively on the first day of January, nineteen hundred two, the first day of January, nineteen hundred three, and the board of health, and if there be no such board of health it shall be the duty of the mayor in making the first appointments under this act, for each one so appointed to specify the duration of the term of office to which he makes said appointments, and annually thereafter, within ten days prior to the time of the expiration of the term of office of any such member of the board, his successor shall be appointed by the board of health, and if there be no such board of health it shall be the duty of the mayor to appoint for the term of two years, or until a successor shall be appointed, and the board of health, and if there be no such board, the
mayor shall have power to fill any vacancy caused in such board of examiners by the death, removal, inability to act, resignation or removal from the city of any member thereof, and such appointment shall be for the unexpired term. Such officer in charge of the plumbing and drainage department, and such chief engineer in charge of sewers, or the officers holding equivalent positions or acting in like capacities, designated or appointed by the board of health, and if there be no such board of health, by the mayor as herein provided, when they shall cease to hold the offices by reason or on account of which they were so designated or appointed, their successor shall act on the examining board in their stead.

Sec. 2. The master and journeyman plumbers serving as members of such board shall severally be paid at the rate of four dollars per day for each day's services when actually engaged in the performance of their duties pertaining to the office; but such compensation shall not exceed the sum of five dollars per month in cities of twenty-five thousand inhabitants or less, nor the sum of ten dollars per month in cities having a population of over twenty-five thousand and less than three hundred thousand, nor a sum of twenty dollars per month in cities having a population of over three hundred thousand.
Sec. 3. All the members of such board shall be citizens and actual residents of the city in which they are appointed.
SEc. 4. The several boards of examiners who shall be appointed under this act shall have power and it shall be their duty to meet at stated intervals in their respective cities not less than four times each year; they shall also meet whenever the board of health of such city and if there be no such board of health, then when the mayor thereof, shall in writing request them to do so; to have jurisdiction over and to examine all persons desiring to engage in the trade, business or calling of plumbing, either as journeymen or employing or master plumbers in the city in which such board shall be appointed, with the power of examining all persons applying for a license as such journeyman or employing or master plumbers, or as inspectors of plumbing, to determine their fitness and qualifications for conducting the trade, calling or business of journeyman or of master plumbers, or to act as inspector of plumbing, and to issue licenses to all such persons whọ shall have submitted to and passed a satisfactory examination before such board, and shall be by it determined to be qualified for engaging in, carrying on or conducting the trade, calling or business of journeyman or employing or master plumber, or competent to act as inspectors of plumbing; to formulate, with the approval of the local board of health of the city in which it shall act, a code of rules regulating all plumbing and drainage work connected therewith in such city, including the proper materials, and workmanship, and from time to time to add to, amend or alter the same; to charge and collect from each person applying for examination the sum of two dollars for each regular examination made by said board, and all money so collected shall be paid over by the board monthly to the treasurer of such city in which said board shall be appointed.
Sec. 5. Any person desiring or intending to conduct the trade, business or calling of a plumber or of plumbing in any of the cities of this State as journeyman, employing or master plumber, shall be required to submit to an examination before such board of examiners as to his experience and qualifications in such trade, business or calling: Provided, That every person now engaged in the trade, business or calling of journeyman, master or employing plumber in any city of this State and who has: been engaged for a period of two years or more, and upon satisfactory proof made before, or filed with such examining board of the truth thereof, together with a statement verified by his oath showing his name, place of business, postoffice address and length of time he actually served as a plumber, and upon the payment to said board of the sum of two dollars, shall be entitled to receive from said board a license without further or other examination; all sums so collected shall be paid over to the treasurer, as in case of fees received for examination: Provided further however, That any person coming into this State and desiring to engage in any city of this State in the trade, calling or business of plumbing, either as journeyman plumber, or employ-. ing plumber, or any person in this State desiring to engage in such trade, calling or business, if at a time when said board is not in session, upon satisfactory proofs made by him either by examination or otherwise to any two members of said board of his fitness and qualifications to engage in such trade, business or calling, shall be entitled to receive from said two members a temporary license, which shall entitle him to engage in and carry on such trade, calling or business until the next regular meeting of such board, when he shall be required to submit to the regular examination of such board; and after a period of sixty days from the time this act shall take effect it shall not be lawful in any city in this State for any person to conduct such trade, business or calling, unless he shall have first obtained a license from such board, or from two members thereof, as provided in the proviso last above set forth,
of the city in which he conducts, or proposes to conduct, engage in or carry on such business, trade or calling.
Sec. 6. Within ninety days after this act shall take effect every journeyman, employing or master plumber carrying on his trade, business or calling in any of the cities of this State, shall register his name and postoffice address at the office of the board of health of the city in which he shall carry on or conduct such trade, business or calling, under such rules and regulations as the respective boards of health of each of the cities of this State shall respectively prescribe, and thereupon he shall be entitled to receive a certificate of such registration: Provided however, That such journeyman, employing or master plumber shall at the time of applying for registration, hold a license from an examining board. And after a period of ninety days from the time this act shall take effect it shall not be lawful for any person to engage in, or carry on the trade, business or calling of journeyman, employing or master plumber in any of the cities of this State unless his name and postoffice address shall have been registered, as above provided.
Sec. 12. Each of such boards of examiners shall have power to procure suitable quarters for the transaction of business, to provide the necessary furniture, books and stationery, and to employ a clerk whose duty it shall be to keep a detailed and accurate record of all acts and proceedings of such board. The board of estimates and the common council of every city in this State shall annually insert in their tax levy a sufficient sum to meet the expenditures incurred under the provisions of this act; and all expenses incurred by the several boards of examiners in the execution and performance of the duties imposed by this act, including the per diem of the board of examiners and compensation of the inspector or inspectors of plumbing and drainage as fixed by the board, commissioner or department making their appointments shall be a charge on the respective cities, and shall be audited, levied, collected and paid in the same manner as other city charges are audited, levied, collected and paid.

Sec. 13. Any person violating any of the provisions of this act, or any of the rules and regulations of the board of examiners as approved by the board of health of any city in this State regulating the plumbing and drainage work connected therewith of such city, shall upon conviction thereof be deemed guilty of a misdemeanor and be punished by a fine of not exceeding $\$ 100$ and the cost of prosecution, or by imprisonment in the county jail for a period not exceeding ninety days, or both such fine and imprisonment in the discretion of the court.

SEc. 14. After the passage of this act the commissioner or the board of public works of any city, or the officer or officers acting in a like capacity in any of the cities of this State, and having charge of the sewers and water mains, shall not issue a license to any one to connect with the sewers or with the water mains of such cities, unless such person has obtained and shall produce a certificate of registration, which is then in force, from the board of health of such city.

Sec. 15. This act shall not apply to cities containing less than fifteen thousand inhabitants.
Sec. 16. All acts or parts of acts in any way inconsistent with or repugnant to the provisions of this act are hereby repealed.

Approved June 6, 1901.

> Act No. 235.-Examination, licensing, etc., of barbers.
[This act was passed in the senate under a title which had been amended in that body. The secretary of the senate made a mistake and transmitted the bill to the house under the title as it stood before being amended, and it was passed there under such wrong title. On consideration by the supreme court, it was held that the act was invalid, having been passed in the two houses under different titles, and therefore Act No. 212, Public Acts of 1899 (see Bulletin of the Department of Labor No. 28, pages 655,656 ) remains in force.]

## MINNESOTA.

## ACTS OF 1901.

## Ghapter 165.-Repayment of advances made by employers.

Section 1. Every employee who, with intent to defraud, shall accept or receive transportation provided by or at the instance or expense of his employer, from any point in this State to or in the direction of the place where he has contracted to per-
form labor for, or render services to such employer, or who shall knowingly, and with intent to defraud, accept or receive the benefit of any other pecuniary advancements made by or at the instance and cost of his employer, under an agreement on the part of such employee to perform labor or render services in repayment of the cost of such transportation or of such other benefits, shall be deemed and adjudged guilty of a misdemeanor, if he shall neglect or refuse to render services or perform labor of an equal value to the full amount paid for such transportation or other benefits; or shall neglect or refuse to pay such employer in money the amount paid therefor. The value of the services to be rendered, or labor to be performed, shall be determined by the price agreed to be paid therefor by such employer under his contract with the employee.

The failure or refusal of any such employee to perform such labor or to render such services in accordance with his contract, or to pay in money the amount paid for such transportation or other benefits, shall be prima facie evidence of his intent to defraud.

Sec. 2. Every person found guilty of such misdemeanor shall be punished by a fine not exceeding twenty-five dollars ( $\$ 25$ ) and by imprisonment of not less than ten (10) nor more than sixty (60) days.

Sec. 3. All acts or parts of acts inconsistent with the provisions of this act are hereby repealed.

Sec. 4. This act shall take effect and be in force from and after its passage.
Approved April 6, 1901.
Chapter 194.-Anti-trust act-Labor organizations exempt.
Section 6. Labor organizations shall not be termed trusts under this act. Approved April 10, 1901.

Chaptar 310.-Hours of labor on public works.
Section 1. The service of all laborers, workmen and mechanics employed upon any public works of, or work done for the State of Minnesota, whether said work is done by contract or otherwise, shall be, and is hereby limited, and restricted to eight hours in any one calendar day; and it shall be unlawful for any officer of the State, or any person acting for or on behalf thereof, or any contractor or sub-contractor for any part of any public works of, or work done for such State, or any persons, corporation, or association whose duty it shall be to employ or to direct and control the services of such laborers, workmen or mechanics, or who has in fact the direction or control of the services of such laborers, workmen or mechanics to require or permit them or any of them to labor more than eight hours in any one calendar day and except in cases of extraordinary emergency caused by fire, flood or danger to life and property, and except to work upon public, military or naval works or defenses in time of war, except in cases of employment of labor in agricultural pursuits: Provided, That nothing herein contained shall be construed to apply to the employment of labor on work now in progress, whether contracted for or not.

Sic. 2. Each and every contract to which the State of Minnesota is hereinafter a party, and every contract made for, or on behalf of the said State, which contract may involve the employment of laborers, workmen or mechanics, shall contain a stipulation that no laborer, workman or mechanics in the employ of the contractor or any sub-contractor doing or contracting to do any part of the work contemplated by the contract, shall be required or permitted to work more than eight hours in any one calendar day, except in cases of extraordinary emergency caused by fire, flood or danger to life or property, and except to work upon public, military or naval work, or defenses in time of war, and except in cases of employment of labor in agricultural pursuits, and each and every such contract shall stipulate a penalty for such violation of the stipulation directed by this act, of ten (10) dollars for each laborer, workman or mechanic, for each and every calendar day in which he shall labor more than eight hours, and the inspector or officer, or person whose duty it shall be to see that the provisions of any such contract are complied with, shall report to the proper officer of such State, all violations of the stipulation in this act, provided for in each and every such contract, and the amount of the penalties stipulated in any such contract shall be withheld by the officer or person whose duty it shall be to pay the moneys due under such contract, whether the violations for which such peñalties were imposed by contractor, his agents or employees, or any sub-contractor, his agents or employees, no person, on behalf of the State of Minnesota shall rebate or permit any penalty imposed under any stipulation herein provided for, unless upon a finding which he shall make up and certify that such penalty was imposed by

## 1144 BULLETIN OF THE DEPARTMENT OF LABOR.

reason of an error of fact. Notbing in this act shall be construed to authorize the collection of said penalty from the State. This act shall not apply to any contract work done for any town or county in this State.
SEc. 3. Any officer of the State of Minnesota, or any person acting for, or on behalf thereof, who shall violate the provisions of this act shall be deemed guilty of a misdemeanor, and be subject to a fine or imprisonment, or both, at the discretion of the court, the fine not to exceed five hundred dollars ( $\$ 500$ ), nor the imprisonment more than one year. Nothing in this act shall be construed to apply to work or labor in constructing or repairing roads or highways.
Sec. 4. All acts and parts of acts inconsistent with this act are hereby repealed.
Sec. 5. This act shall take effect and be in force from and after its passage.
Approved April 13, 1901.

## NEW HAMPSHIRE.

## ACTS OF 1901.

Chapter 60.-Enployment offices.

Section 1. Whoever, without a license therefor, establishes or keeps an intelligence office for the purpose of obtaining or giving information concerning places of employment for domestics, servants, or other laborers, or for the purpose of procuring or giving information concerning such person for or to employers, or for the purpose of procuring or giving information concerning employment in business, shall pay a fine of ten dollars for each day such office is so kept.
SEc. 2. The mayor and aldermen of any city, or the selectmen of any town, may, for the purposes mentioned in the preceding section, grant licenses to suitable persons, subject to the provisions of sections 3 to 7 , inclusive, and may revoke the same at pleasure.
Smc. 3. Licenses granted to keepers of intelligence offices shall be signed by the. clerk of the city or town in which they are granted, and every such license shall be recorded by the clerk of the city or town in a book kept for that purpose, before being delivered to the licensee. Such license shall set forth the name of the person licensed, the nature of the business, and the building or place in such city or town in which it is to be carried on, and shall continue in force until the first day of May next ensuing, unless sooner revoked.
Sec. 4. The board issuing such a license shall receive for the use of the city or town for each license such sum not less than two dollars as the board shall deem reasonable.
Skc. 5. Such license may be granted during the month of April, to take effect on the first day of May then next ensuing.
Sec. 6. No license issued as aforesaid shall be valid to protect the holder thereof in a building or place other than that designated in the license, unless consent to removal is granted by the mayor and aldermen or selectmen.

SEc. 7. When such license is revoked, such clerk shall note the revocation upon the face of the record of the license, and shall give written notice to the holder of the license by delivering the same to him in person or leaving it at the place of business designated in the license.

Sec. 8. This act shall take effect upon its passage.
Approved March 7, 1901.
Chapter 61.-Employment of children.
Section 1. Chapter 93 of the Public Statutes is hereby amended by striking out sections 10,11, 12, 13, 14, and 15, and inserting the following instead thereof:

Section 10. No child under the age of twelve years shall be employed in any manufacturing establishment. No child under the age of fourteen years shall be employed in any manufacturing establishment, nor in any mechanical, mercantile, or other employment during the time in which the public schools are in session in the district in which he resides.

Section 11. No child under the age of sixteen years shall be employed in any manufacturing establishment, or in any mechanical, mercantile, or other employment, during the time in which the public schools are in session in the district in which he resides, without first presenting a statement of his age from his parent or guardian, sworn to before the superintendent of schools or, if there is no superintendent of schools, by some person authorized by the school board of the district in which such child is employed.

And no child under the age of sixteen years shall be employed as aforesaid during the time in which the public schools are in session in the district in which he resides without first presenting a certificate from the superintendent of schools or, if there is no superintendent of schools, some person authorized by the school board, that such child can read at sight and write legibly simple sentences in the English language. And any superintendent of schools or person authorized by the school board who certifies falsely as to matters prescribed by this section shall be fined not less than twenty nor more than fifty dollars for each offense.

Section 12. No minor shall be employed in any manufacturing establishment, or in any mechanical, mercantile, or other employment, who can not read at sightand write legibly simple sentences in the English language, while a free public evening school is maintained in the district in which he resides, unless he is a regular attendant at such evening school or at a day school: Provided, That upon presentation by such minor of a certificate signed by a regular practicing physician, and satisfactory to the superintendent of schools, or, where there is no superintendent of schools, the school board, showing that the physical condition of such minor would render such attendance in addition to daily labor prejudicial to his health, said superintendent of schools or school board shall issue a permit authorizing the employment of such minor for such period as said superintendent of schools or school board may determine. Said superintendent of schools or school board, or teachers acting under authority thereof, may excuse any absence from such evening school arising from justifiable cause. Any parent, guardian, or custodian who permits to be employed any minor under his control in violation of the provisions of this section shall forfeit not more than twenty dollars for the use of the evening schools of such town or city.
Section 13. If any owner, agent, superintendent, or overseer of a manufacturing, mechanical, or mercantile establishment, or any other person, shall employ any child in violation of the provisions of either of the three preceding sections, he shall be fined not exceeding fifty dollars for each offense, for the use of the district.

SEc. 2. This act shall take effect upon its passage.
Approved March 7, 1901.

> Chapter 99.-Examination, licensing, etc., of plumbers.

Section 1. Section 1 of chapter 55 of the Session Laws of 1899 is hereby amended so that the same shall read as follows:

Section 1. No person, firm, or corporation engaged in or working at the business of plumbing in any city or town in this State as shall by vote adopt the provisions of this chapter, shall hereafter engage in or work at said business in this State, either as a master or employing plumber, or as a journeyman plumber, unless such person or persons shall first obtain license or certificate so to do, in accordance with the provisions of this act.
Sec. 2. Section 3 of said act is hereby amended so that said section shall read as follows:
Section 3. Any such city or town in this State which shall by vote adopt the provisions of this chapter, may by ordinance or by-law prescribe rules and regulations for the materials, construction, alteration, and inspection of all plumbing, house drainage, and sewer connections, creating a board for the examination of plumbers, fixing the length of term each member shall serve, and providing for an inspector of plumbing. Said board shall be appointed by the mayor or board of selectmen, and shall consist of the following three persons: A member of the local board of health, the city or town engineer, or, in the absence of such officer, a local physician in regular practice, and a journeyman plumber of not less than five years' active and continuous practical experience.
Sec. 3. Section 4 of said act is hereby amended so that said section when amended shall read as follows:
Section 4. The examining board when created as aforesaid shall examine and pass upon all applicants, whether as masters or employing plumbers, or journeyman plumbers, in their respective cities or towns, and also all persons who may apply for the office of plumbing inspector. They shall issue a license to such persons only as shall successfully pass the required written and practical examination; and they shall register in a book kept for that purpose the names and places of business of all persons to whom a plumber's license has been granted. They shall not issue a license for more than one year, but the same shail be renewed from year to year upon proper application and upon the payment of a fee of fifty cents. Said examining board shall serve without compensation. Each applicant for examination for a plumber's license or certificate shall pay the sum of one dollar, and all moneys so collected shall be paid into the treasury of the city or town where such application
is made. The license or certificate provided for by this act shall be nontransierable; and said application and examination shall not be required of the same person more than once in the same city or town. Said license or certificate shall be valid throughout the State.

Sec. 4. This act shall take effect on its passage.
Approved March 22, 1901.

## NEW MEXICO.

$$
\text { ACTS OF } 1901 .
$$

Chapter 40.-Hours of labor on public highways.
Section 1. All able-bodied male persons in the Territory of New Mexico between the ages of twenty-one and sixty years, shall be required to perform labor upon the public roads and highways as herein provided, for any number of days required by the road supervisor of their respective precincts, not less than two days nor to exceed five days of eight hours each in any one year.
Approved March 18, 1901.

## LEADING ARTICLES IN PAST NUMBERS OF THE BULLETIN.

No. 1. Private and public debt in the United States, by George K. Holmes.
Employer and employee under the common law, by V. H. Olmsted and S. D. Fessenden.
No. 2. The poor colonies of Holland, by J. Howard Gore, Ph. D.
The industrial revolution in Japan, by William Eleroy Curtis.
Notes concerning the money of the U.S. and other countries, by W. C. Hunt.
The wealth and receipts and expenses of the U. S., by W. M. Steuart.
No. 3. Industrial communities: Coal Mining Co. of Anzin, by W. F. Willoughby.
No. 4. Industrial communities: Coal Mining Co. of Blanzy, by W. F. Willoughby. The sweating system, by Henry White.
No. 5. Convict labor.
Industrial communities: Krupp Iron and Steel Works, by W. F. Willoughby.
No. 6. Industrial communities: Familistère Society of Guise, by W. F. Willoughby. Cooperative distribution, by Edward W. Bemis, Ph. D.
No. 7. Industrial communities: Various communities, by W. F. Willoughby.
Rates of wages paid under public and private contract, by Ethelbert Stewart.
No. 8. Conciliation and arbitration in the boot and shoe industry, by T. A. Carroll.
Railway relief departments, by Emory R. Johnson, Ph. D.
No. 9. The padrone system and padrone banks, by John Koren.
The Dutch Society for General Welfare, by J. Howard Gore, Ph. D.
No. 10. Condition of the Negro in various cities.
Building and loan associations.
No. 11. Workers at gainful occupations at censuses of 1870,1880 , and 1890 , by W.C. Hunt.
Public baths in Europe, by Edward Mussey Hartwell, Ph. D., M. D.
No. 12. The inspection of factories and workshops in the U.S., by W.F. Willoughby. Mutual rights and duties of parents and children, guardianship, etc., under the law, by F. J. Stimson.
The municipal or cooperative restaurant of Grenoble, France, by C.O. Ward.
No. 13. The anthracite mine laborers, by G. O. Virtue, Ph. D.
No. 14. The Negroes of Farmville, Va.: A social study, by W. E. B. Du Bois, Ph. D. Incomes, wages, and rents in Montreal, by Herbert Brown Ames, B. A.
No. 15. Boarding homes and clubs for working women, by Mary S. Fergusson.
The trade-union label, by John Graham Brooks.
No. 16. Alaskan gold fields and opportunities for capital and labor, by S. C. Dunham.
No. 17. Brotherhood relief and insurance of railway employees, by E. R. Johnson, Ph. D.
The nations of Antwerp, by J. Howard Gore, Ph. D.
No. 18. Wages in the United States and Europe, 1870 to 1898.
No. 19. Alaskan gold fields and opportunities for capital and labor, by S. C. Dunham. Mutual relief and benefit associations in the printing trade, by W.S. Waudby.
No. 20. Condition of railway labor in Europe, by Walter E. Weyl, Ph. D.
No. 21. Pawnbroking in Europe and the United States, by W. R. Patterson, Ph. D.
No. 22. Benefit features of American trade unions, by Edward W. Bemis, Ph. D. The Negro in the black belt: Some social sketches, by W. E. B. Du Bois, Ph. D. Wages in Lyon, France, 1870 to 1896.
No. 23. Attitude of women's clubs, etc., toward social economics, by Ellen M. Henrotin.
The production of paper and pulp in the U. S. from Jan. 1 to June 30, 1898.
No. 24. Statistics of cities.
No. 25. Foreign labor laws: Great Britain and France, by W. F. Willoughby.
No. 26. Protection of workmen in their employment, by Stephen D. Fessenden.
Foreign labor laws: Belgium and Switzerland, by W. F. Willoughby.
No. 27. Wholesale prices: 1890 to 1899, by Roland P. Falkner, Ph. D.
Foreign labor laws: Germany, by W. F. Willoughby.

No. 28. Voluntary conciliation and arbitration in Great Britain, by J. B. McPherson. System of adjusting wages, etc., in certain rolling mills, by J. H. Nutt. Foreign labor laws: Austria, by W, F. Willoughby.
No. 29. Trusts and industrial combinations, by J. W. Jenks, Ph. D. The Yukon and Nome gold regions, by S. C. Dunham. Labor Day, by Miss M. C. de Graffenried.
No. 30. Trend of wages from 1891 to 1900. Statistics of cities.
Foreign labor laws: Various European countries, by W. F. Willoughby.
No. 31. Betterment of industrial conditions, by V. H. Olmsted. Present status of employers' liability in the U. S., by S. D. Fessenden. Condition of railway labor in Italy, by Dr. Luigi Einaudi.
No. 32. Accidents to labor as regulated by law in the U.S., by W. F. Willoughby. Prices of commodities and rates of wages in Manila. The Negroes of Sandy Springs, Md.: A social study, by W. T. Thom, Ph. D. The British workmen's compensation act and its operation, by A. M. Low.
No. 33. Foreign labor laws: Australasia and Canada, by W. F. Willoughby.
The British conspiracy and protection of property act and its operation, by A. M. Low.

No. 34. Labor conditions in Porto Rico, by Azel Ames, M. D.
Social economics at the Paris Exposition, by Prof. N. P. Gilman.
The workmen's compensation act of Holland.
No. 35. Cooperative communities in the United States, by Rev. Alexander Kent. The Negro landholder of Georgia, by W. E. B. Du Bois, Ph. D.
No. 36. Statistics of cities.
Statistics of Honolulu, H. I.
No. 37. Railway employees in the United States, by Samuel McCune Lindsay, Ph. D. The Negroes of Litwalton, Va.: A. social study of the "Oyster Negro," by William Taylor Thom, Ph. D.
No. 38. Labor conditions in Mexico, by Walter E. Weyl, Ph. D.
The Negroes of Cinclare Central Factory and Calumet Plantation, La., by J. Bradford Laws.

No. 39. Course of wholesale prices, 1890 to 1901.
No. 40. Present condition of the hand-working and domestic industries of Germany, by Henry J. Harris, Ph. D.
Workmen's compensation acts of foreign countries, by Adna F. Weber.
No. 41. Labor conditions in Cuba, by Victor S. Clark, Ph. D.
Beef prices, by Fred C. Croxton.


[^0]:    a Including 303 deaths occurring outside city limits.
    3 Not including 76 deaths of nonresidents.
    c Not including 5 deaths of nonresidents.
    d Not including 81 deaths of nonresidents.

[^1]:    a Data are for county.
    $b$ Not reported.

    - No license required except for nonresidents of State.
    d Including 11 births, sex not reported.
    $e$ Including 1 birth, sex not reported.
    $f$ Including data for township.
    Including premature births.
    hIncluding 4 births, sex not reported.
    $i$ Including 31 births, sex not reported.

[^2]:    $a$ Data not obtainable.

[^3]:    hincluded in deaths from infantile diseases.
    Including deaths from other malformations.
    $j$ Included in deaths from other malformations.
    kIncluding deaths from hydrocephalus.
    $l$ Including deaths from diarrhea and enteritis 2 years or over.
    $m$ Including 303 deaths occurring outside city limits.
    $n$ Not including 81 deaths of nouresidents.

[^4]:    a Including data for township.
    b Not including deaths from premature birth.

[^5]:    a Data not obtainable
    $b$ Included in deaths from diarrhea and enteritis under 2 years.
    $c$ Including deaths from hydrocephalus.

[^6]:    a Including data for tow nship.
    bNot including deaths from premature birth.

[^7]:    a Not including 30 deaths from premature birth.
    $b$ Including data for township.
    o Not including deaths from premature birth.
    $d$ Not including 17 deaths from premature birth.
    $e$ Not including 12 deaths from premature birth.
    $f$ Including stillbirths.
    9 Not including 8 deaths from premature birth.

[^8]:    $r$ Included in persons employed in sweeping, sprinkling, etc.
    $s$ For 11 months; disposed of by householders 1 month.
    $t$ six, each acting as both food and sanitary inspector.
    "Tons not reported: 1,755 dead animals.
    $v$ For 7 months; no sweeping for 5 months.
    $w$ Including dead animals and other refuse.
    $x$ Policemen act as sanitary inspectors.
    $y$ For 8 months; no sweeping for 4 months.
    $z$ Employed in sprinkling and fushing streets.
    a Employed in sprinkling only.
    $b b$ No sprinkling done; streets fushed with hose.
    co Remoyed by householders; burned by city.
    dd Including persons employed in removing garbage, but not including chaingang, which averaged 27 persons.

[^9]:    a One acting as both food and sanitary inspector.

    - Disposed of by householders.
    - Ten for 13 days; 1 for 22 days.
    $d$ Colleeted by contractor; burned by city; not including 1,094 tons removed by householders.
    $e$ Removed by householders; burned by city.
    $f$ Not including chain gang.
    $g$ Included in garbage.
    $h$ Including ashes.
    $i$ Including dead animals and other refuse.
    $j$ Included in ashes.
    averages about 5 persons.
    $l$ Sprinkling done by private persons.
    $m$ Not reported.
    $n$ Including area flushed.
    oTwo, each acting as both food and sanitary inspector.
    pSprinkling done by private persons; including persons employed in removing dead animals and other refuse.
    qIncluded in persons employed in street cleaning.

[^10]:    a Not including 6 rooms not in use.
    $b$ Including 1 night school.

    - For 3 months only.

[^11]:    a Hospital for contagious diseases.
    bIncluding 1 hospital for contagious diseases.
    $c$ Data are for 9 months.
    $d$ Not reported.
    $e$ almshouse.
    $f$ Not including pay patients.

[^12]:    $a$ Including permits for repairs, extensions, etc., to old buildings.
    $b$ Including proposed expenditure for repairs, extensions, ete., to old buildings.
    $c$ Included in permits for new buildings.
    a Included in proposed expenditure for new buildings.
    e No permits issued except for plumbing.
    $f$ Not reported.
    $g$ Data are for 9 months.
    $h$ Data are for 6 months.

[^13]:    a Including $\$ \mathbf{8 5}, 000$ street improvement bonds, but not including $\$ 2,241,379$ debt of old city placed in hands of trustee on reorganization of city
    bof assessed valuation, provided that there shall not be included in the limitation temporary loans not exceeding one-fourth of the general revenues, payable within 1 year; bonds to be issued for the purpose of acquiring, providing, or constructing schoolhouses, waterworks, and sewers; also bonds issued for street improvement where cost in whole or in part is assessed against the abutting property.
    c Not including $\$ 72,500$ improvement bonds to be paid from improvement assessments.
    $\boldsymbol{a}$ Not including the bonded indebtedness of 22 special improvement districts for which no report is made to city.
    $e$ Controlled by legislation.
    fincluding $\$ 123,494$ local improvement bonds against private property.
    $g$ Of assessed valuation; 5 per cent additional for waterworks and 2 per cent additional for schools.
    $h$ Of average assessed valuation for 3 years, not including water debt.
    including $\$ 248,389$ special assessment bonds against private property.
    $f$ Including $\$ 1,287$ special assessment warrants against private property.
    $k$ Including $\$ 249,676$ special assessment bonds and warrants against private property.
    $l$ of assessed valuation: 5 per cent additional for waterworks and lighting plants, by vote of people.
    $m$ Not including $\$ 87,318$ local improvement bonds.
    $n$ Of assessed valuation.
    $o$ Including $\$ 479,601$ street and sewer improvement bonds against private property.
    $p$ Not including $\$ 164,632$ trust and endowment funds regarded as a liability by the city.
    $q$ Of average assessed valuation for 3 years.
    rof assessed valuation; may be 7 per cent by vote of people for general city purposes, also an equal amount for school purposes.
    $s$ Of average assessed valuation of real estate for 3 years.
    tof assessed valuation of real estate for general city purposes, also an equal amount for school purposes.
    uIncluding $\$ 83,920$ improvement bonds against private property.
    $v$ Incluaing $\$ 291,724$ improvement bonds against private property.
    ${ }^{w}$ Including debt of school district extending beyond city limits.
    $x$ Including sinking fund of school district extending beyond city limits.
    $y$ Including $\$ 95,815$ street paving bonds payable by property owners.
    $z$ Of assessed valuation of real estate.
    aa Including $\$ 170,800$ special assessment bonds.

[^14]:    a School.
    6 Not reported.

    - Not including State tax of $\$ 4$ on mortgages, securities, stocks, bonds, etc.
    dschool, \$2; special, \$7.50; Confederate relief, \$1.
    $e$ No legal basis.
    $f$ School, $\$ 1.50$; Confederate relief, $\$ 1$.
    g School' 86.25 ; township, $\$ 0.49$.
    h First district, \$14; second district, $\$ 12.20$.
    $i$ First district, $\$ 34.87$; second district, $\$ 33.07$.
    $j$ Included in city.
    $k$ Including State and county.
    $\boldsymbol{i}$ school, $\$ 6.70$; township, $\$ 0.20$.
    $m$ For city tax, 100; county, 25.
    $n$ City, 66 to 75.
    oschool, \$16.40; interest, $\$ 8.40$; sinking fund, $\$ 10$.
    pSchool, $\$ 6.40$; poor, $\$ 0.20$; library, $\$ 0.20$.
    $q$ Incluaing $\$ 692,670$ franchises.
    $r$ For city tax, 50 ; county, 25.

[^15]:    a Including $\$ 51,278$ received from State for schools.
    b Including $\$ 131,776$ cash in sinking fund.
    cIncluding ${ }^{\boldsymbol{p} 37,792}$ received from State for schools.
    d Including $\$ 53,789$ received from State for schools.
    $e$ Including $\$ 34,488$ received from State for schools.
    $f$ Including $\$ 5,832$ cash in sinking fund.
    gIncluding $\$ 34,488$ received from State for schools and $\$ 5,832$ cash in sinking fund.
    $h$ Including $\$ 12,715$ received from State and county for schools.
    including $\$ 39,081$ received from State for schools.
    3 Including $\$ 6,555$ cash in sinking fund.
    in Including $\$ 39,081$ received from State for schools and $\$ 6,555$ cash in sinking fund.
    $\boldsymbol{l}$ Data are for 9 months.
    $m$ Including $\$ 39,821$ received from State for schools.
    $n$ Including $\$ 19,291$ received from State for schools.
    oIncluding amount received from State for schools.
    $p$ Including $\$ 27,243$ received from State for schools and library.
    gIncluding cash in sinking fund.
    $r$ Including $\$ 18,447$ received from State for schools.
    8 Including $\$ 73,255$ received from State and county for schools.
    $t$ Including $\$ 16,389$ received from State for schools.
    $u$ Including $\$ 55,570$ cash in sinking fund.
    $v$ Including $\$ 16,389$ received from State for schools and $\$ 55,570$ cash in sinking fund.
    wIncluding amount received from State and county for schools.
    $x$ Including $\$ 28,634$ received from State for schools and library.
    $\psi$ Including $\$ 29,573$ received from State for schools.
    $z$ Including $\$ 18,687$ received from State for schools.
    aa Including $\$ 23,291$ received from State for schools.
    bo Including $\$ 11,202$ received from State for schools.
    cc Including $\$ 19,368$ orders in transition.
    da Including $\$ 88,449$ received from State for schools.
    $e e$ Including $\$ 79,354$ received from State for schools.
    ff Including $\$ 1,131$ cash in sinking fund.
    og Including $\$ 79,354$ reccived from State for schools and $\$ 1,131$ cash in sinking fund.

[^16]:    a Including \$12,521 received from State.
    $b$ Including $\$ 5,100$ cash in sinking fund.
    cIncluding 812,521 received from State and $\$ 5,100$ cash in sinking fund
    $d$ Including $\$ 59,404$ received from State for schools.
    e Including 830,435 cash in sinking fund.
    $f$ Including $\$ 13,725$ received from State for schools.
    $g$ Including $\$ 36,332$ cash in sinking fund.
    hincluding $\$ 18,725$ received from State for schools and $\$ 36,332$ cash in sinking fund.
    $i$ Including $\$ 15,624$ received from State.
    $j$ Including $\$ 24,197$ received from State for schools.
    kincluading $\$ 16$,952 received from State for schools.
    $l$ Including $\$ 24,430$ received from State for schools.
    $m$ Including $\$ 57,937$ cash. in sinking fund.
    nIncluding $\$ 24,430$ received from State for schools and $\$ 57,937$ cash in sinking fund.
    o Including $\$ 26,155$ received from State for schools.
    $p$ Including $\$ 25,683$ received from state for schools.
    qIncluding \$9,581 received from State.
    $r$ Including $\$ 24,930$ received from State for schools.
    s Including \$26,816 received from State for schools.
    $t$ Including $\$ 9,093$ cash in sinking fund.
    $u$ Including $\$ 26,816$ received from state for schools and $\$ 9,093$ cash in sinking fund
    v Including \$9,256 cash in sinking fund.
    $w$ Including $\$ 49,281$ received from State and county for schools.
    $x$ Including $\$ 41,519$ received from State.
    $y$ Including $\$ 95,331$ cash in sinking fund.
    $z$ Including $\$ 41,519$ received from state and $\$ 95,381$ cash in sinking fund.
    aa Including $\$ 36,332$ cash in sinking fund.
    bb Including $\$ 13,859$ received from State for schools.
    coIncluding amount received from school district extending beyond city limits and $\$ 25,150$ received
    from State for schools.
    da Including $\$ 1,405$ cash in sinking fund and cash of school district extending beyond city limits.
    $e e$ Including income of school district extending beyond city limits.
    if Including income of school district extending beyond city limits, $\$ 25,150$ received from State for schools, and $\$ 1,405$ cash in sinking fund.
    og Including $\$ 8,724$ received from State for schools.
    hh Including 816,139 received from State for schools.
    ii Including $\$ 28,075$ received from State and county for schools.

[^17]:    a Including $\$ 14,856$ for College of City of New York.
    $b$ Including $\$ 194,474$ expended for county.

[^18]:    $j$ Included in expenditures for street cleaning.
    $k$ Included in other street expenditures.
    $i$ Not ineluding $\$ 74,206$ paid out of sinking fund.
    $m 8342,547$ paid out of sinking fund.
    $n$ Not including $\$ 342,547$ paid out of sinking fund.

    - Included in expenditures for health department.
    $p$ Including expenditures for sewers and street cleaning.

[^19]:    $a$ Not reported.

[^20]:    $i$ Included in land and buildings for schools.
    Including land and buildings for art galleries, museums, etc
    $k$ Included in land and buildings for libraries.
    $t$ Included in other assets.
    $m$ Included in libraries and other assets.
    nIncluded in land and buildings for police department. o Included in police department and other assets.
    pIncluded iu fire department.

[^21]:    a Property owned by city; management private.
    $b$ Including parks.
    c Not reported.
    $d$ Not including apparatus, etc., not reported.
    e Not including apparatus, etc., for city hall, police department, schools, parks, and hospitals, not reported.

[^22]:    ${ }^{a}$ For a copy of this law see Bulletin No. 33, page 366.

[^23]:    ${ }^{a}$ For a copy of this law see Bulletin No. 25, pp. 854-856.

