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Health, Education, Recreation

Russell Sage Foundation
Child Hygiene

WHAT AMERICAN CITIES ARE DOING FOR THE HEALTH OF SCHOOL CHILDREN

REPORT COVERING CONDITIONS IN 1038 CITIES



DEPARTMENT OF CHILD HYGIENE
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What American Cities Are Doing for the Health of School Children

PART I

Medical Inspection

What American Cities are Doing for the Health of School Children

PART I—MEDICAL INSPECTION

A little more than sixteen years ago, in 1894, and as a result of some serious epidemics among school children, the city of Boston divided its public schools into fifty districts and appointed fifty doctors to begin medical inspection in them. The Department of Child Hygiene of the Russell Sage Foundation has just completed an investigation to find out what progress has been made in this field in the sixteen years that have elapsed since this beginning.

Beginnings in Boston

Medical inspection is an extension of the activities of the school in which the educator and the physician join hands to insure for each child such conditions of health and vitality as will best enable him to take full advantage of the free education offered by the state. Its object is to better health conditions among school children, safeguard them from disease, and render them healthier, happier, and more vigorous. It is founded on a recognition of the intimate relationship between the physical and mental conditions of the children, and the consequent dependence of education on health conditions.

Prevention of Disease and Conser- vation of Vitality

There are in this country some 1285 cities having organized systems of graded public schools under superintendents. The investigation covers these cities and returns have been received from 1038 or nearly 90 per cent of them. For the purposes of tabulating results, the several states of the Union have been divided into five groups, following the order adopted by the United States Census. These groups with the states comprising them are as follows:

Investiga- tion includes 90 per cent of American Cities

NORTH ATLANTIC DIVISION

Maine	Massachusetts	New York
New Hampshire	Rhode Island	New Jersey
Vermont	Connecticut	Pennsylvania

SOUTH ATLANTIC DIVISION

Delaware	Virginia	South Carolina
Maryland	West Virginia	Georgia
District of Columbia	North Carolina	Florida

SOUTH CENTRAL DIVISION

Kentucky	Mississippi	Arkansas
Tennessee	Louisiana	Oklahoma
Alabama	Texas	

NORTH CENTRAL DIVISION

Ohio	Wisconsin	North Dakota
Indiana	Minnesota	South Dakota
Illinois	Iowa	Nebraska
Michigan	Missouri	Kansas

WESTERN DIVISION

Montana	Arizona	Washington
Wyoming	Utah	Oregon
Colorado	Nevada	California
New Mexico	Idaho	

Forty-three per cent of the cities reporting have regular organized systems of medical inspection in their public schools. The number of cities reporting, the number having systems of medical inspection, and the per cent having such systems in each state group are shown in the following table:

43 per cent of the cities have Medical Inspection

CITIES HAVING MEDICAL INSPECTION IN 1911

DIVISION	CITIES REPORTING	CITIES HAVING MEDICAL INSPECTION	PER CENT HAVING MEDICAL INSPECTION
North Atlantic . . .	411	236	58
South Atlantic . . .	74	23	31
South Central . . .	101	35	35
North Central . . .	382	109	29
Western . . .	70	40	57
United States. . .	1038	443	43

The percentage figures in the final column show that medical inspection has made the best progress in the North Atlantic and Western Divisions, where about sixty per cent of the cities have taken up the new work. It has made very nearly equal progress in the two Southern Divisions, where the percentages are 31 and 35, and the poorest showing is made by the North Central Division, where only 29 per cent of the cities have medical inspection systems.

It has been stated that the first system of medical inspection was inaugurated by Boston in the year 1894, and historically this statement seems to be correct. Nevertheless one city claims to have been doing enough work for the health of school children to warrant it in reporting that it had a system of medical inspection in the year 1890. Ten years later, in 1900, eleven

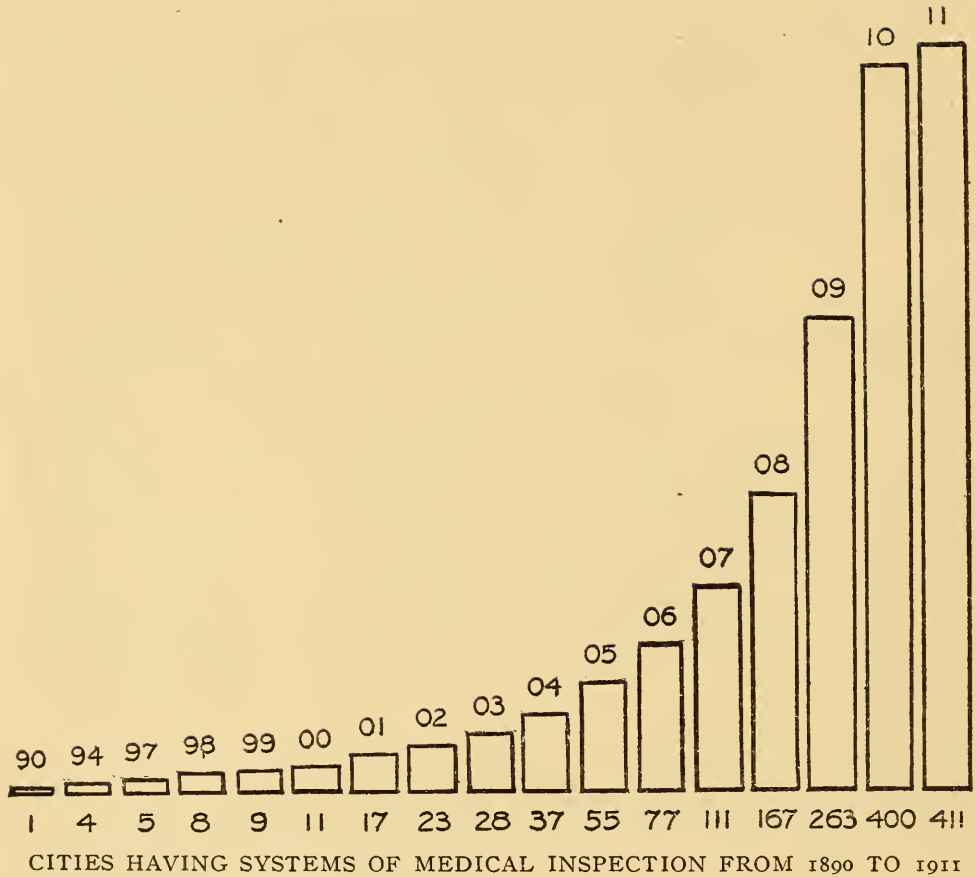
cities had such systems, and in the five following years the increase had brought the total number up to fifty-five. The most rapid development of medical inspection has come in the past six years, during which the number has increased from fifty-five to more than four hundred. Out of the four hundred forty-three cities reporting systems of medical inspection, only four hundred and eleven state the year in which work was first begun. From the records of these cities a table has been compiled showing the total number of cities having medical inspection systems in each year since the first city began. The facts follow:

NUMBER OF CITIES HAVING SYSTEMS OF MEDICAL INSPECTION
IN EACH YEAR FROM 1890 TO 1911

YEAR	NUMBER OF CITIES
1890	1
1894	4
1897	5
1898	8
1899	9
1900	11
1901	17
1902	23
1903	28
1904	37
1905	55
1906	77
1907	111
1908	167
1909	263
1910	400
1911	411

The reason for the comparatively slight increase in the year 1911 is that the data were gathered in the early spring and include in most cases only one or two months of the year.

The chart on page 6 represents graphically the number of cities having medical inspection each year since 1890, and shows how the growth of the movement has been at first slow and gradual and in the last few years increasingly rapid.



There are two standard types of administration, that under the Board of Health and that under the Board of Education.

Administration by Boards of Health and Boards of Education In the early days of medical inspection, practically all the systems were administered by local Boards of Health, but in recent years the tide has turned the other way until at the present time about one-quarter of the cities have systems under the Board of Health, and in the remaining three-quarters the Board of Education is the controlling body. The facts for the different divisions are shown in the following table:—

THE ADMINISTRATION OF MEDICAL INSPECTION AMONG 443 CITIES REPORTING

DIVISION	BY BOARDS OF HEALTH	BY BOARDS OF EDUCATION
North Atlantic	58	178
South Atlantic	7	16
South Central	12	23
North Central	21	88
Western	8	32
United States	106	337

Medical inspection as now carried on in American schools may be divided into three classes of work. The first is inspection for the detection of cases of contagious diseases. The second consists of examinations conducted by the teachers themselves to detect defective vision and hearing. The third comprises complete physical examinations of the pupils to detect physical defects and organic diseases.

Where there is any sort of medical inspection it is nearly invariably true that the inspection for the detection of contagious diseases is included as one of the most important items. Indeed there are many cities in which this is the only work carried on. Its object is primarily the protection of the community, and because of this is often conducted by physicians of the Board of Health. In most cities the inspectors call daily at the schools to which they are assigned and examine such pupils as are referred to them by the teachers and principals. These pupils include all who have returned to school after having been absent on account of illness or from unknown causes as well as those who are in school and suspected of suffering from some infectious or contagious ailment.

Among the four hundred forty-three cities having systems of medical inspection examinations for the detection of contagious diseases are made in four hundred and five. The number and per cent of cities doing this work in each of the Divisions are as follows:—

INSPECTION FOR THE DETECTION OF CONTAGIOUS DISEASES

DIVISION	NUMBER OF CITIES REPORTING	PER CENT OF TOTAL NUMBER OF CITIES REPORTING
North Atlantic	224	55
South Atlantic	23	31
South Central	34	34
North Central	93	24
Western	31	44
United States	405	39

In no fewer than 552 cities vision and hearing tests are conducted by teachers, and in addition the work is carried on by

**Vision and
Hearing
Tests by
Teachers**

doctors in 258 cities. These figures include some duplicates, for there are some cities in which the tests of vision and hearing are applied by the doctors in some cases and by the teachers in others. Even allowing for a considerable amount of such duplication it is evident that this sort of work is carried on in many more cities than those reported as having organized systems of medical inspection.

The policy of legislators and school administrators in arranging to have tests for sight and hearing conducted by school teachers rather than by specialists has occasioned many expressions of surprise and no little criticism. This policy, however, has reached its present wide development on the recommendations of specialists themselves, who deem that such tests are wholly within the capacity of the teacher. It is their opinion that children are subjected to less nervous strain when tested by their teachers than when tested by strangers, and therefore exhibit themselves in a more natural way. It is always the intention, however, wherever this policy is followed to have scientific examinations made by specialists in cases where defects are apparently revealed by the teachers' tests. For this purpose there are furnished blanks on which the teachers notify the parents of apparent defects and advise consulting a specialist.

The detailed facts as to tests by doctors and teachers are as follows:—

VISION AND HEARING TESTS CONDUCTED BY DOCTORS AND BY TEACHERS

DIVISION	TESTS BY DOCTORS	TESTS BY TEACHERS
North Atlantic	125	261
South Atlantic	12	29
South Central	23	43
North Central	73	182
Western	25	37
United States	258	552

Municipal and educational authorities in America have very generally realized that the theory on which physical examinations are conducted rests on a different foundation from that underlying medical inspection for contagious diseases. The latter is primarily a protective measure and looks mainly to the present safeguarding of

**Examina-
tions to
detect Phys-
ical Defects**

the community. The former aims at securing the physical soundness and strength of the individual and looks far into the future.

It has been brought into being by successive results of a long series of studies which have shown that there are many physical defects which are common among children and have an important bearing on their present health and future development which may be easily remedied or modified if they are discovered early enough. Although 443 cities report systems of medical inspection, in only 214, or a little less than half, of them does the work include a complete physical examination conducted by doctors. Moreover, the cities attempting physical examinations are mostly in the North Atlantic Division, where the work is oldest and is most highly developed.

In the table which follows figures are presented showing the number of cities in each Division including in their medical inspection systems full physical examinations for the detection of defects:—

NUMBER OF CITIES HAVING EXAMINATIONS FOR THE DETECTION
OF PHYSICAL DEFECTS

DIVISION	NUMBER OF CITIES
North Atlantic	135
South Atlantic	10
South Central	12
North Central	38
Western	19
United States	214

There are 1415 school doctors employed in the work of medical inspection in the cities reporting. More than half of these are in the North Atlantic States, and more than half of the remainder in the North Central States. Their distribution in the several divisions is as follows:—

NUMBER OF SCHOOL DOCTORS EMPLOYED IN MEDICAL
INSPECTION

DIVISION	NUMBER OF DOCTORS
North Atlantic.	852
South Atlantic	48
South Central	41
North Central	417
Western	57
United States	1415

The school nurse is now considered to be one of the most

necessary adjuncts of the better developed systems of medical inspection. The total number employed in American cities at the beginning of the year 1911 is 415, of whom 375, or 90 per cent, are in the North Atlantic and North Central States.

The first regular employment of trained nurses in connection with the work of medical inspection was begun in New York City in December 1902, when a corps of nurses was established at a salary of seventy-five dollars each per month. Since that time experience has proved, especially in the largest cities, that the employment of competent school nurses is almost a necessity.

The nurses are especially valuable in reducing the number of exclusions of children from school on account of minor illnesses. Many of these when properly treated by the nurse in school do not prevent the regular attendance of the child. The trained nurse greatly enhances the success of the work of the school physician in improving the health of the school children. She aids the school teacher in detecting the first signs of approaching illness. She sees to it that all excluded cases are placed under treatment as soon as may be, so that there is the least possible loss of time from school and interference with education. She treats those cases which would for various reasons receive no attention at their homes. She assists the school physician in the clerical work of recording the results of the physical examinations which he conducts.

In many cases it is also found feasible to employ the nurses during the summer months, when there is no school, in work directed to the lessening of the great mortality rate among infants from summer diarrhoea, due mainly to improper care and feeding. Again, she aids materially in the anti-tuberculosis campaign.

About one-quarter of the cities having any sort of medical inspection employ school nurses, and the number is increasing rapidly. In quite a large number of cities where there are no school doctors nurses are employed.

The Nurse the Link between School and Home To sum up the case for the school nurse: she is the instructor of parents, pupils, teachers and all members of the family in the principles and practices of hygiene. She is a most efficient link between the school and the home.

Increasing attention is being given to the inspection of children's teeth in American schools and the work is being more and more commonly carried on as a branch of medical inspection in a semi-independent way. In a number of the larger cities the local dental associations have established clinics at which school children are given treatment either gratis or nearly so. In most of these cases the services of the dentists are given without remuneration, but in a few cities dentists have been added as regularly paid members of the corps of medical inspectors. Sixty-nine cities have dental inspection conducted by dentists, and of these fifty-four, or 79 per cent, are in the North Atlantic and North Central States.

Professor William Osler is credited with saying with regard to the work of medical inspection in England: "If we are to have school inspection, let us have good men to do the work and let us pay them well. It will demand a special training and a careful technique." It is certainly to be regretted that this point of view has not been more generally taken in America. In this country the financial remuneration of school physicians and school nurses is almost invariably inadequate. The salaries paid range from nothing to \$4,000 per annum. In many localities the local medical association conducts medical inspection for a year or two without cost to the city in order to demonstrate its value. This results in the tabulated returns showing that in a considerable number of cities the doctors and nurses receive no pay at all for their services. It may also be a factor in bringing about the extremely low salaries that are received after regular payment is given.

The following table is made up from the study of conditions in 1038 cities and shows the number of localities in which the salaries of doctors and nurses fall within the salary limits named in each group. That is to say, the first line shows that there are 75 cities in which the doctors donate their services and 21 in which the school nurses do the same. The second line indicates that there are 47 cities in which the salaries paid to the doctors are between \$1.00 and \$100 per annum.

ANNUAL SALARIES OF DOCTORS AND NURSES IN ALL CITIES REPORTING

	NUMBER OF CITIES WHERE DOCTORS RECEIVE SALARY INDICATED	NUMBER OF CITIES WHERE NURSES RECEIVE SALARY INDICATED
No salary	75	21
\$1-100	47	..
\$101-200	50	..
\$201-300	44	2
\$301-400	25	..
\$401-500	24	1
\$501-600	18	21
\$601-700	2	17
\$701-800	12	24
\$801-900	6	15
\$901-1000	13	2
\$1001-1500	18	2
\$1501-2500	7	..
\$3500-4000	3	..
Fees according to service	19	1

The table shows that there are more cities paying their school physicians at the rate of between \$100 and \$200 per year than there are paying salaries of any other amount. On the other hand, the average salary is somewhat higher than this. If computed on the basis of the table without taking into account the number of doctors employed in each individual city, the average salary would fall within the group receiving from \$201 to \$300 per annum.

In a similar way the second column of the table shows that there are more cities paying their school nurses from \$701 to \$800 per annum than there are paying any other salary, but the average salary would be about \$700 per year. Of course the sum of \$200 per annum is given in return for only a part of the school doctor's time. Nevertheless, it has come to be regarded as a somewhat standard rate of remuneration for school physicians all over America. There are cases where so little work is required that this amount may be considered adequate, but undoubtedly in most cases it represents an undue degree of sacrifice on the part of the school physician.

The per capita cost of medical inspection for salaries alone ranges from about one-half of one cent for vision and hearing examinations conducted by teachers to about \$1.25 for complete physical examinations in a few localities. These extremes, however, do not at all represent average conditions. In

general the per capita cost of medical inspection in America ranges from ten to fifty cents per annum. It seems to be a fair generalization to say that medical inspection for the detection of contagious diseases can be adequately performed at an annual cost of about fifteen cents per capita, while physical examinations similarly performed and including the inspection for the detection of communicable diseases cost about fifty cents.

Physical examinations for the detection of non-contagious physical defects can be made by an experienced school physician in about twelve to fifteen minutes per child.

Time re- Vision and hearing tests alone demand from
quired for three to five minutes per child. Systems of
Physical Ex- medical inspection which include careful phys-
aminations ical examination of all children cost the most
 and are by far the most valuable. From a
 social and economic point of view they are by far the cheapest
 in the better sense of the word, as they are the most far-reach-
 ing, both in their immediate and indirect results. Permanent
 efficiency requires skilled workers, careful administration and
 adequate remuneration.

PART II

Hygiene of the School Room

PART II—HYGIENE OF THE SCHOOL ROOM

The gathering of the salient facts regarding the present status of medical inspection was not the sole object of the present investigation. A second and related purpose was to discover what the different cities are doing in the administration of the health interests of their school children in such matters as recesses, the cleanliness of floors and windows, precautions as to drinking cups and instruction in such matters as the prevention of tuberculosis and the giving of first aid in emergencies.

It is generally taken as a matter of course that the outdoor recess is part of the regular program in all elementary grades, and in both sessions of the day school. More-

Outdoor over, such is the case in large sections of the
Recesses country, but the data gathered show that it is far from being true in the North Atlantic

States, and that in the other divisions there are cities where the children are not given outdoor recesses. The figures showing the number of cities having outdoor recesses in their elementary classes, and the per cent of such cities, are given in the following table:—

NUMBER AND PER CENT OF CITIES HAVING OUTDOOR RECESSES IN ALL ELEMENTARY GRADES

DIVISION	CITIES REPORTING	HAVING OUTDOOR RECESS	PER CENT HAVING RECESS
North Atlantic . . .	411	346	84
South Atlantic . . .	74	72	97
South Central . . .	101	100	99
North Central . . .	382	363	95
Western . . .	70	66	94
United States. . .	1038	947	91

Another subject for investigation was the extent to which individual drinking cups and sanitary fountains are in use in the different cities. As the information was gathered, the city recorded as having sanitary drinking fountains or individual cups has at least made a beginning in these directions. The number of cities in each division having schools supplied with either or both is shown in the following table:—

Individual
Drinking
Cups and
Sanitary
Fountains

NUMBER OF CITIES WHERE THE SCHOOLS ARE SUPPLIED WITH
SANITARY DRINKING FOUNTAINS AND INDIVIDUAL
DRINKING CUPS

DIVISION	NUMBER OF CITIES SUPPLYING INDIVIDUAL CUPS	NUMBER OF CITIES SUPPLYING SANITARY FOUNTAINS
North Atlantic.	97	316
South Atlantic	20	54
South Central	38	67
North Central	97	286
Western	12	62
United States	264	785

The figures here given do not indicate what proportion of the schools of each city has these appliances. They merely indicate that at least a beginning has been made. The figures show that in twenty-five per cent of the cities individual drinking cups are in use, and in seventy-five per cent the schools have sanitary drinking fountains. These figures do not mean that all cities are supplied with either individual cups or sanitary fountains, for the data include many duplicates. A considerable number of cities have schools equipped with both individual cups and sanitary fountains, and, on the other hand, some cities have not introduced either one or the other.

The deadly feather duster is rapidly being banished from our public schools. Among the 1038 cities from which reports were received, 643, or over sixty per cent, are using moist cloths for dusting purposes, and 894, or close to ninety per cent, are using dust-absorbing compounds for sweeping.

In the forefront of progress with respect to the adaptation of modern sanitary appliances are eighty-seven cities that are cleaning their school rooms by means of vacuum cleaners. Thirty-three of these cities are in the North Atlantic States, and thirty-seven in the South Central ones. These most encouraging signs of progress with respect to the cleansing of school rooms indicate that the day is not far distant when our schools will be as clean as hospitals, and for the same reasons.

But a slight knowledge of housekeeping is necessary to make one realize that the appliances used for cleaning are not of such importance as the frequency with which they are employed. Having this in mind, we have gathered the facts as to the frequency with which the school room floors are washed and swept, and the windows washed, in the public

**Frequency
of Clean-
ing**

schools of these 1038 cities. The facts as reported are shown in the following table:—

NUMBER OF CITIES IN WHICH THE SCHOOL ROOM FLOORS ARE
WASHED AND SWEEPED AND THE SCHOOL ROOM WINDOWS
WASHED WITH FREQUENCIES INDICATED

FREQUENCY	CITIES WHERE FLOORS ARE WASHED WITH FREQUENCY INDICATED	CITIES WHERE FLOORS ARE SWEEPED WITH FREQUENCY INDICATED	CITIES WHERE WINDOWS ARE WASHED WITH FREQUENCY INDICATED
Daily. . . .	11	813	..
Once in 2 days. . . .	6	70	..
Once in 3 days. . . .	1	106	..
Once in 4 days. . . .	..	2	..
Weekly	48	6	31
Once in 2 weeks	44	2	12
Once in 3 weeks	6	..	5
Monthly	193	2	171
Once in 2 months	71	1	113
Once in 3 months	185	..	191
Once in 5 months	148	..	156
Once a year	82	..	45
As needed	91	13	189
Never	51	..	7
Not reporting	91	23	116
Total	1038	1038	1038

The figures are as illuminating as they are unique. Probably these details of municipal housekeeping have not before been gathered. They seem to indicate that the most common practice sanctions the washing of class room floors, either once a month or once in three months, although it is by no means rare to find cities in which they are washed once in five months or never washed at all.

In the great majority of the cities school room floors are swept once a day, but nevertheless there remains a balance of over two hundred cities in which they are swept less frequently. Six cities report that they are swept only once a week and two cities once a month.

More cities seem to wash their class room windows once in three months than on any other regular schedule. On the other hand, thirty-one cities report washing them once a week, and seven cities that they never wash them at all.

Adjustable desks which can be fitted to the size of the pupils are more common proportionately in the North Atlantic States

than elsewhere. In the country as a whole, they are in use in less than half of the cities. They are more common in the North than in the South. The figures showing the number of cities where they are in use and the per cent which these are of the entire number reporting are as follows:—

NUMBER OF CITIES USING ADJUSTABLE DESKS IN THEIR SCHOOLS

DIVISION	NUMBER HAVING ADJUSTABLE DESKS	PER CENT HAVING ADJUSTABLE DESKS
North Atlantic	257	63
South Atlantic	15	20
South Central	25	25
North Central	105	28
Western	26	37
United States.	428	41

Just as highly perfected methods for cleaning are not efficacious unless they are frequently used, so adjustable desks are not beneficial unless they are frequently adjusted to the size of the children using them. These 428 cities having adjustable desks report that they are adjusted as follows:—

CITIES ADJUSTING DESKS AT EACH INTERVAL NAMED

INTERVAL	NUMBER OF CITIES
Daily	1
Once a week	1
Once a month	2
Once in 3 months	22
Once in 5 months	15
Once in 6 months	3
Once a year	13
As needed	370
Never	1
Total	428

Besides the indirect benefit and training which the children receive from having their class rooms hygienically administered there remains the question of the direct instruction they receive in theoretical and applied hygiene. To discover something of what is being done in this field, facts have been gathered showing the number of cities having regular courses for teaching the children about the effects of the use of alcohol and tobacco, for training them in the avoidance and cure of tuberculosis, and in giving them instruction about first aid to the injured.

The figures show that 95 per cent of the cities teach their

children the effects of alcohol and tobacco; 63 per cent have special courses on the prevention and cure of tuberculosis; and 57 per cent give lessons in first aid. The figures showing the number of cities doing each kind of work in each of the five divisions follow:—

CITIES GIVING INSTRUCTION IN ALCOHOL AND TOBACCO,
TUBERCULOSIS, AND FIRST AID

DIVISION	ALCOHOL AND TOBACCO	TUBERCULOSIS	FIRST AID
North Atlantic . . .	388	264	223
South Atlantic . . .	65	44	32
South Central . . .	92	66	59
North Central . . .	374	238	238
Western . . .	63	37	40
United States . . .	982	649	592

The facts that have been so rapidly reviewed show that communities over the entire country are seeing the whole matter of the health of school children in a new light.

School Hygiene means Economy not Expense Gradually they are beginning to ask, not whether they can afford to take steps to safeguard in the schools the welfare of their children, but whether they can afford not to take such steps. The movement as a whole constitutes both a sign and a result of the gradual awakening which has developed in a wave of interest in matters pertaining to the health of school children that is now sweeping over the civilized world.

We are beginning to realize that the public schools are a public trust. When the parents deliver a child to their care, they have a right to expect that the child, under the supervision of the school authorities, will be safe from harm, and will be handed back to them in at least as good condition as he was at first. Individual efficiency rests not alone on education or intelligence, but is equally dependent on physical health and vigor. Hence, if the

Physical Soundness the Basis of Social Progress State may enforce training in intelligence, it may also demand training to secure physical soundness and capacity. Much time will elapse before there will be brought to bear in all schools measures now so successfully pursued in some for preserving and developing the physical soundness of rising generations. Nevertheless, the movement is so intimately related to the future welfare of our country, and is being pushed forward with so great energy and earnestness that it is destined to be successful and permanent.

SUMMARY BY STATES OF PROVISIONS FOR HEALTH OF CHILDREN IN PUBLIC SCHOOLS—1911

	NUMBER OF CITIES REPORTING	HAVING MEDICAL INSPECTION	INSPECTION FOR CONTAGIOUS DISEASES	VISION AND HEARING TESTS BY TEACHERS	VISION AND HEARING TESTS BY DOCTORS	PHYSICAL EXAMINATION BY DOCTORS	SYSTEM OF HEALTH BOARD OF HEALTH	SYSTEM UNDER BOARD OF EDUCATION	NUMBER OF SCHOOL DOCTORS	NUMBER OF SCHOOL NURSES	INSPECTION BY DENTISTS	REGULAR OUTDOOR RECESSES	RECESSES IN ALL ELEMENTARY GRADES	SCHOOLS HAVING INDIVIDUAL DRINKING CUPS	SCHOOLS HAVING SANITARY FOUNTAINS	MOIST CLOTHS FOR DUSTING	POUNDS FOR SWEEPING SCHOOLS HAVING VACUUM CLEANERS	ADJUSTABLE DESKS	INSTRUCTION ON ALCOHOL AND TOBACCO	INSTRUCTION ON TUBERCULOSIS	INSTRUCTION ON FIRST AID	
United States.....	1038	443	405	552	258	214	106	337	1415	415	69	947	929	264	785	643	894	87	469	982	649	592
North Atlantic Division.....	411	236	224	261	125	135	58	178	852	261	24	346	333	97	316	237	349	33	275	388	264	223
South Atlantic Division.....	74	23	23	29	12	10	7	16	48	11	8	72	71	20	54	44	61	4	17	65	44	32
South Central Division.....	101	35	34	43	23	12	12	23	41	5	3	100	98	38	67	66	88	4	28	92	66	59
North Central Division.....	382	109	93	182	73	38	21	88	417	114	30	363	361	97	286	243	337	37	120	374	238	238
Western Division.....	70	40	31	37	25	19	8	32	57	24	4	66	66	12	62	53	59	9	29	63	37	40
North Atlantic Division																						
Maine.....	19	8	6	18	4	4	..	8	13	..	2	19	19	6	11	7	17	..	13	19	8	7
New Hampshire.....	12	3	2	7	3	2	1	2	11	1	1	13	13	1	10	9	11	..	9	11	11	8
Vermont.....	7	..	1	7	..	..	..	..	..	..	..	6	5	2	5	4	7	..	6	7	2	4
Massachusetts.....	108	107	103	104	22	57	23	84	348	49	9	102	101	39	99	65	93	7	100	103	96	56
Rhode Island.....	16	8	7	5	6	2	3	5	20	1	1	14	14	9	10	8	13	6	16	15	12	6
Connecticut.....	25	15	15	21	7	5	11	4	26	7	1	24	21	5	23	10	21	6	23	23	18	14
New York.....	77	20	22	51	17	13	12	8	197	160	4	47	50	9	57	46	67	6	32	72	42	43
New Jersey.....	47	47	47	12	45	40	..	47	117	30	2	43	36	3	38	29	37	6	37	45	32	31
Pennsylvania.....	100	28	21	36	21	12	8	20	120	13	4	78	74	23	63	59	83	7	39	93	43	54
South Atlantic Division																						
Delaware.....	1	1	1	1	1	..	1	..	18	..	1	1	1	..	1	1	1	..	1	1	1	1
Maryland.....	5	1	1	..	2	2	1	..	5	5	..	5	5	1	2	4	3	..	1	5	2	2
Virginia.....	13	4	4	8	2	1	1	3	12	1	1	13	13	2	9	11	12	1	4	12	8	5
West Virginia.....	10	2	3	2	..	1	..	2	7	1	..	8	7	3	8	7	9	..	2	10	4	4
North Carolina.....	15	5	4	12	1	1	1	5	3	..	4	15	15	4	10	7	14	..	5	13	12	5
South Carolina.....	11	4	4	1	3	1	1	3	5	..	1	11	11	1	9	4	8	..	5	6	6	3
Georgia.....	13	5	5	2	3	1	2	3	4	4	..	13	13	4	9	5	11	1	..	12	4	8
Florida.....	6	1	1	3	1	..	1	..	..	..	1	6	6	5	6	5	3	2	2	6	4	4

South Central Division

Kentucky.....	19	7	6	7	5	1	2	5	9	2	2	10	19	5	13	12	19	..	6	16	13	11
Tennessee.....	6	4	3	4	3	3	2	2	2	2	..	6	6	..	..	1	5	..	1	5	4	3
Alabama.....	9	3	3	3	3	3	..	..	3	3	..	9	9	4	5	5	6	..	7	9	4	4
Mississippi.....	6	..	..	2	..	..	..	..	..	..	..	5	5	1	3	3	5	..	1	3	3	..
Louisiana.....	8	3	3	4	2	2	..	..	6	..	..	8	8	4	8	6	6	1	4	8	7	6
Texas.....	31	10	11	14	5	2	2	3	8	8	..	31	31	9	21	26	27	1	5	30	19	20
Arkansas.....	9	3	3	3	1	..	2	1	4	1	1	9	8	4	6	6	8	..	3	8	8	7
Oklahoma.....	13	5	5	6	4	3	2	3	9	9	..	13	12	11	6	6	10	1	1	13	8	8
North Central Division																						
Ohio.....	68	12	9	28	9	5	1	11	67	8	24	61	59	17	43	33	58	6	25	63	33	40
Indiana.....	51	12	10	31	7	4	4	8	41	..	..	48	50	12	40	36	37	6	16	48	28	26
Illinois.....	53	14	12	22	9	5	4	10	113	45	45	55	54	10	32	39	48	5	21	56	31	41
Michigan.....	42	19	16	24	12	5	3	16	78	14	14	3	39	8	36	26	37	5	11	42	36	28
Wisconsin.....	41	14	10	27	9	6	3	11	37	6	13	38	40	9	40	26	40	8	25	41	39	31
Minnesota.....	24	9	8	10	8	5	2	7	23	1	6	22	21	7	17	17	23	2	7	23	14	13
Iowa.....	29	6	8	15	4	1	..	6	3	6	..	27	25	10	23	16	27	1	10	29	10	13
Missouri.....	24	10	8	7	7	4	1	9	50	5	5	23	23	6	13	16	20	2	..	23	16	15
North Dakota.....	6	1	1	3	1	..	..	1	..	..	..	6	6	2	5	5	5	..	1	6	5	5
South Dakota.....	6	2	2	3	1	..	..	1	..	2	..	6	6	2	6	5	5	..	2	6	4	6
Nebraska.....	12	4	4	4	4	2	..	4	3	1	1	11	12	3	11	7	12	..	1	12	2	5
Kansas.....	26	6	5	8	2	1	2	4	2	..	..	26	26	11	20	17	24	2	1	25	14	15
Western Division																						
Montana.....	6	..	..	2	..	..	..	..	..	..	..	6	5	1	5	4	3	1	3	6	3	2
Wyoming.....	3	1	..	1	1	..	..	..	..	..	..	1	1	1	2	1	2	..	..	2	..	1
Colorado.....	12	9	4	11	3	3	..	9	1	1	1	12	11	3	9	9	10	..	3	10	6	8
New Mexico.....	3	2	2	1	1	..	..	1	3	..	..	3	3	2	2	2	3	..	1	3	3	3
Arizona.....	4	2	2	3	..	..	..	1	1	..	..	4	4	1	3	2	3	1	2	4	2	1
Utah.....	4	3	3	3	2	2	..	3	3	..	..	4	4	2	4	4	4	..	1	3	1	2
Nevada.....	1	1	1	1	1	..	..	1	1	..	..	4	1	..	1	1	..	1	1	1	1	1
Idaho.....	3	..	..	3	..	..	..	..	..	..	..	2	3	..	3	3	2	..	2	3	2	2
Washington.....	10	3	6	3	5	3	1	6	22	8	8	10	10	..	10	4	9	3	5	10	5	5
Oregon.....	5	2	2	2	1	1	2	..	5	1	1	5	5	..	5	5	5	1	2	5	2	3
California.....	19	13	11	7	11	10	2	11	21	1	14	18	19	..	18	18	18	2	9	16	12	12

MEDICAL INSPECTION IN CITY PUBLIC SCHOOL SYSTEMS—1911

	POPULATION IN 1910	HAVING MEDICAL INSPECTION	YEAR WORK WAS BEGUN	INSPECTION FOR CONTAGIOUS DISEASES	VISION AND HEARING TESTS BY TEACHERS	VISION AND HEARING TESTS BY DOCTORS	PHYSICAL EXAMINATION BY DOCTORS	SYSTEM UNDER BOARD OF EDUCATION OR HEALTH	NUMBER OF SCHOOL DOCTORS	NUMBER OF SCHOOL NURSES	INSPECTION BY DENTISTS
Alabama											
1 Anniston.....	12,794	..	..	..	.. *	..	..	E	..	..	..
2 Birmingham.....	132,685	.. *	1910	.. *	.. *	.. *	.. *	E	1	2	..
3 Florence.....	6,689	..	..	..	.. *	..	..	..	..	..	..
4 Gadsden.....	10,557	..	..	..	..	..	..	..	..	..	..
5 Mobile.....	51,521	.. *	1909	.. *	..	.. *	.. *	E	1	..	..
6 New Decatur.....	6,118	..	..	..	.. *	..	..	..	..	..	..
7 Opelika.....	4,734	..	..	..	.. *	..	..	..	..	..	..
8 Selma.....	13,649	..	..	..	..	..	..	..	..	..	..
9 Tuscaloosa.....	8,407	.. *	1909	.. *	..	.. *	.. *	E	1	..	..
Total.....		3		3	3	3	3	E = 3	3	2	..
Arizona											
1 Bisbee.....	9,019	.. *	1910	.. *	.. *	..	..	H	..	..	..
2 Douglas.....	6,437	..	..	..	.. *	..	..	..	..	..	..
3 Phoenix.....	11,134	.. *	1909	.. *	.. *	..	..	E	1	..	..
4 Prescott.....	5,092	..	..	..	.. *	..	..	..	..	..	..
Total.....		2		2	3	..	..	E = 1 H = 1	1	..	..
Arkansas											
1 Fayetteville.....	4,471	..	..	..	.. *	..	..	..	..	..	..
2 Fort Smith.....	23,975	.. *	1905	.. *	..	..	..	H	1	1	..
3 Helena.....	8,772	..	..	..	..	..	..	..	..	..	..
4 Hot Springs.....	14,434	..	..	..	..	.. *	..	..	..	..	..
5 Jonesboro.....	7,123	..	..	..	.. *	..	..	..	..	..	..
6 Little Rock.....	45,941	.. *	1909	.. *	.. *	..	..	E	2	..	..
7 Paragould.....	5,248	..	..	..	..	..	..	..	..	..	..
8 Pine Bluff.....	15,102	.. *	1909	.. *	..	..	..	H	1	..	..
9 Texarkana.....	5,655	..	..	..	..	..	..	..	..	..	..
Total.....		3		3	3	1	..	E = 1 H = 2	4	1	..
California											
1 Alameda.....	23,383	.. *	1910	.. *	.. *	..	..	E	1	..	..
2 Berkeley.....	40,434	.. *	1909	..	.. *	.. *	.. *	E	2	1	..
3 Fresno.....	24,819	.. *	1910	.. *	.. *	.. *	.. *	H	1	..	*
4 Los Angeles.....	319,193	.. *	1907	.. *	.. *	.. *	.. *	E	5	1	..
5 Napa.....	5,791	..	..	..	..	..	..	..	..	..	..
6 Oakland.....	150,174	.. *	1909	..	..	.. *	.. *	E	1	6	..
7 Pasadena.....	30,291	.. *	1908	.. *	.. *	.. *	.. *	E	1	1	..
8 Pomona.....	10,207	.. *	1909	.. *	..	.. *	.. *	E	1	..	..
9 San Bernardino.....	12,779	..	..	..	.. *	..	..	..	..	..	..
10 San Diego.....	39,578	.. *	1910	.. *	.. *	.. *	.. *	E	1	..	..
11 San Francisco.....	416,912	.. *	1907	.. *	.. *	.. *	.. *	H	1	4	..
12 San José.....	28,946	.. *	1908	..	.. *	.. *	.. *	E	1	1	..
13 San Rafael.....	5,934	..	..	..	.. *	..	..	..	..	..	..
14 Santa Ana.....	8,429	.. *	1910	.. *	.. *	.. *	.. *	E	4	..	..
15 Santa Barbara.....	11,659	..	..	..	..	..	..	..	..	..	..
16 Santa Clara.....	4,348	.. *	1909	.. *	..	..	..	E	1	..	..
17 Santa Cruz.....	11,146	..	..	..	..	..	..	..	..	..	..
18 Santa Rosa.....	7,817	.. *	..	.. *	..	.. *	..	E	1	..	..
19 Watsonville.....	4,446	..	..	..	..	..	..	..	..	..	..
Total.....		13		11	7	11	10	E = 11 H = 2	21	14	1

	POPULATION IN 1910	HAVING MEDICAL INSPECTION	YEAR WORK WAS BEGUN	INSPECTION FOR CONTAGIOUS DISEASES	VISION AND HEARING TESTS BY TEACHERS	VISION AND HEARING TESTS BY DOCTORS	PHYSICAL EXAMINATION BY DOCTORS	SYSTEM UNDER BOARD OF EDUCATION OR HEALTH	NUMBER OF SCHOOL DOCTORS	NUMBER OF SCHOOL NURSES	INSPECTION BY DENTISTS
Colorado											
1 Boulder.....	9,539	*	1909	..	..	*	..	E	1	..	..
2 Canon City.....	6,206	*	1910	..	*	..	*	E	..	..	..
3 Colorado Springs ..	29,078	..	..	..	..	..	..	..	..	..	..
4 Cripple Creek.....	6,206	*	1909	..	*	..	..	E	..	..	..
5 Denver.....	213,381	*	1909	*	..	..	..	E	..	..	..
6 Florence.....	2,712	..	..	..	*	..	..	..	..	..	..
7 Grand Junction ..	7,754	*	1909	..	*	*	..	E	..	..	..
8 Leadville.....	7,508	*	1909	*	*	*	*	E	..	..	..
9 Pueblo.....	44,395	..	..	..	..	..	..	..	..	..	..
District No. 20.....	..	*	1910	*	..	..	*	E	..	1	..
10 Salida.....	4,425	..	..	..	*	..	..	..	..	..	..
11 Trinidad.....	10,204	*	..	..	*	..	..	E	..	..	..
12 Victor.....	3,162	*	1909	*	*	..	..	E	..	..	..
Total.....		9		4	11	3	3	E=9	1	1	..
Connecticut											
1 Ansonia.....	15,152	*	1909	*	..	*	..	H	1	..	..
2 Bridgeport.....	102,054	*	1910	*	*	..	..	H	1	..	..
3 Bristol.....	9,527	..	..	..	..	..	..	..	..	..	..
4 Danbury.....	20,234	..	..	..	..	..	..	..	..	..	..
5 Derby.....	8,901	*	1908	*	..	*	*	H	1	..	..
6 Hartford.....	98,915	*	1898	*	*	*	..	H	4	..	..
7 Manchester.....	13,641	*	..	*	*	..	..	H	1	1	..
8 Meriden.....	27,265	*	1910	*	*	*	*	E	3	1	..
9 Middletown.....	11,851	*	1910	*	*	..	..	E	..	1	..
10 Naugatuck.....	12,722	*	1902	*	*	..	..	E	6	..	..
11 New Britain.....	43,916	*	1910	*	*	*	..	E	1	..	..
12 New Haven.....	133,605	*	1901	*	*	..	*	H	5	1	..
13 New London.....	19,659	*	1908	*	*	..	..	H	..	..	..
14 Norwalk.....	6,954	..	..	..	*	..	..	..	..	..	..
15 Norwich.....	20,367	..	..	..	..	..	..	..	..	..	..
West Chelsea Dist.	..	..	..	..	*	..	..	..	..	..	..
16 Putnam.....	6,637	..	..	..	..	*	..	..	..	..	..
17 Rockville.....	7,977	..	..	..	*	..	..	..	..	..	..
18 South Manchester ..	..	*	1905	*	..	..	*	H	1	1	..
19 South Norwalk.....	8,968	..	..	..	*	..	..	..	..	..	..
20 Stamford.....	25,138	*	..	*	..	..	..	H	..	..	..
21 Torrington.....	15,483	..	..	..	*	..	..	..	..	..	..
22 Wallingford.....	8,690	..	..	..	*	..	..	..	..	..	..
23 Waterbury.....	73,141	*	1905	*	..	..	..	H	1	1	*
24 West Haven.....	8,543	..	..	..	*	..	..	..	..	..	..
25 Winsted.....	7,754	*	1910	*	*	*	*	E	1	1	..
Total.....		15		15	21	7	5	E=4 H=11	26	7	1
Delaware											
1 Wilmington.....	87,411	*	1910	*	*	*	..	H	18	..	*
Total.....		1		1	1	1	..	H=1	18	..	1
Florida											
1 Jacksonville.....	57,699	..	..	..	*	..	..	..	..	..	..
2 Lake City.....	5,032	..	..	..	*	..	..	..	..	..	..
3 Live Oak.....	3,450
4 Ocala.....	4,370	*	1910	*	..	*	..	H	*
5 St. Augustine.....	5,494	*
6 Tampa.....	38,524
Total.....		1		1	3	1	..	H=1	1

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Georgia											
1 Athens.....	14,913	*	1910	*	H	1
2 Atlanta.....	154,839	*	1909	*	..	*	*	H	1	3	..
3 Augusta.....	41,040	*	1910	*	..	*	..	H	1	1	..
4 Columbus.....	20,554
5 Cordele.....	5,883	*	1910	*	*	E	1
6 Dalton.....	5,324	*	1908	*	*	*	..	E
7 Dublin.....	5,795
8 Elberton.....	6,483
9 Gainesville.....	5,925
10 Griffin.....	7,478
11 Newnan.....	5,548
12 Rome.....	12,099
13 Thomasville.....	6,727
Total.....		5		5	2	3	1	H = 3 E = 2	4	4	..
Idaho											
1 Boise.....	17,358	*
2 Pocatello.....	9,110	*
3 Wallace.....	3,000	*
Total.....		3
Illinois											
1 Alton.....	17,528
2 Aurora:	29,807
East Side.....
3 Belleville.....	21,122
4 Belvidere:	7,253
North Side.....
South Side.....
5 Blue Island.....	8,043
6 Cairo.....	14,548	*	*
7 Canton.....	10,453	*	1910	*	*	*	*	H	1
8 Centralia.....	9,680
9 Champaign.....	12,421	*	1909	*	E	..	1	..
10 Charleston.....	5,884
11 Chicago.....	2,185,283	*	1907	*	..	*	*	H	100	40	..
12 Chicago Heights.....	14,523	*
13 Clinton.....	5,105	*
14 Danville.....	27,871	*	1910	..	*	*	..	E	*
15 Decatur.....	31,140	*
16 De Kalb.....	8,102
17 East St. Louis.....	58,547	*	..	*	H	*
18 Elgin.....	25,976	*
19 Evanston:	24,978
District No. 75	*
District No. 76	..	*	1911	*	..	*	..	E	1	1	*
20 Forest Park.....	6,594
21 Freeport.....	17,567	*
22 Galesburg.....	22,089	*	E	..	1	..
23 Harvey.....	7,227
24 Hoopestown.....	4,698	*
25 Jacksonville.....	15,326	*	1910	*	..	*	*	E
26 Joliet.....	34,670
27 Kankakee.....	13,986
28 Kewanee.....	9,307	*
29 Lincoln.....	10,892
30 Litchfield.....	5,971
31 Macomb.....	5,774	*	1910	*	..	*	*	E	4
32 Matoon.....	11,456
33 Maywood.....	8,033	*	1910	..	*	E
34 Moline.....	24,199	*
35 Monmouth.....	9,128
36 Murphysboro.....	7,485
37 Normal.....	4,024
38 Ottawa.....	9,535	*

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Illinois (Continued)											
39 Pana.....	6,055	E
40 Pekin.....	9,897	*	1910	*	1
41 Peoria.....	66,950
42 Peru.....	7,984	*
43 Pontiac.....	6,090	..	..	..	..	..	..	..	..	..	..
44 Princeton.....	4,131	..	..	..	..	..	..	..	..	..	..
45 Rockford.....	45,401	*	1910	*	..	*	*	E	1	2	..
46 Rock Island.....	24,335	..	..	*	*	..	..	..	..	..	..
47 South Dixon.....	..	..	..	..	*	..	..	..	..	..	..
48 Springfield.....	51,678	..	..	..	..	..	..	..	..	..	..
49 Sterling: District No. 8.....	7,467	..	..	..	*	..	..	..	..	..	..
50 Sycamore.....	3,926	..	..	..	*	..	..	..	..	..	..
51 Taylorville: East Side.....	5,446	..	..	..	..	..	..	..	..	..	..
West Side.....	..	..	..	..	..	..	..	..	..	..	..
52 Urbana.....	8,245	*	1909	*	..	..	..	E	..	..	..
53 Waukegan.....	16,069	*	1910	*	*	*	..	H	5	..	..
Total.....		14		12	22	9	5	E = 10 H = 4	113	45	3
Indiana											
1 Alexandria.....	5,096	..	..	..	*	..	..	..	..	..	..
2 Anderson.....	22,476	..	..	*	..	..	..	..	..	..	..
3 Bedford.....	8,716	..	..	..	..	..	..	..	..	..	..
4 Bloomington.....	8,838	*	1908	*	*	*	*	E	1	..	..
5 Bluffton.....	4,987	..	..	..	..	..	..	..	..	..	..
6 Brazil.....	9,340	..	..	..	*	..	..	..	..	..	..
7 Columbus.....	8,813	..	..	..	..	..	..	..	..	..	..
8 Connersville.....	7,738	..	..	..	..	..	..	..	..	..	*
9 Crawfordsville.....	9,371	*	..	..	*	..	..	E	..	..	..
10 East Chicago.....	19,098	..	..	..	..	..	..	..	..	..	..
11 Elkhart.....	19,282	..	..	..	..	..	..	..	..	..	..
12 Evansville.....	69,647	*	1911	*	..	*	*	E	13	..	*
13 Fort Wayne.....	63,933	*	1909	*	*	*	..	E	1	..	..
14 Frankfort.....	8,634	..	..	..	..	..	..	..	..	..	..
15 Franklin.....	4,502	..	..	..	*	..	..	..	..	..	..
16 Garrett.....	4,149	..	..	..	*	..	..	..	..	..	..
17 Gas City.....	3,224	..	..	..	..	..	..	..	..	..	..
18 Greenfield.....	4,448	..	..	..	*	..	..	..	..	..	..
19 Greensburg.....	5,420	*	1907	*	*	*	*	H	..	..	..
20 Hammond.....	20,925	..	..	..	..	..	..	..	..	..	..
21 Hartford City.....	6,187	..	..	..	*	..	..	..	..	..	..
22 Huntington.....	10,272	..	..	..	..	..	..	..	..	..	..
23 Indianapolis.....	233,650	*	1910	*	..	*	..	H	22	..	..
24 Jeffersonville.....	10,412	..	..	..	*	..	..	..	..	..	..
25 Kokomo.....	17,010	*	1910	*	*	..	..	H	4	..	..
26 Lafayette.....	20,081	*	1909	*	..	..	..	E	..	..	..
27 Laporte.....	10,525	..	..	..	..	..	..	..	..	..	..
28 Lawrenceburg.....	3,930	..	..	..	..	..	..	..	..	..	..
29 Lebanon.....	5,474	*	1910	..	*	*	..	E	..	..	*
30 Logansport.....	19,050	..	..	..	*	..	..	..	..	..	..
31 Madison.....	6,934	..	..	..	..	..	..	..	..	..	..
32 Marion.....	19,359	..	..	..	..	..	..	..	..	..	..
33 Michigan City.....	19,027	..	..	..	*	..	..	..	..	..	..
34 Mishawaka.....	17,886	..	..	..	*	..	..	..	..	..	..
35 Montpelier.....	2,786	..	..	..	*	..	..	..	..	..	..
36 Muncie.....	24,005	*	..	*	..	..	..	H	..	..	..
37 New Albany.....	20,629	..	..	..	..	..	..	..	..	..	..
38 Peru.....	10,910	..	..	..	..	..	..	..	..	..	..
39 Plymouth.....	3,838	*	1908	..	*	..	..	E	..	..	..
40 Portland.....	5,130	..	..	..	..	..	..	..	..	..	..
41 Princeton.....	6,448	*	1909	..	..	*	*	E	..	..	*
42 Richmond.....	22,324	..	..	..	*	..	..	..	..	..	..
43 Rushville.....	4,925
44 South Bend.....	53,684	*
45 Terre Haute.....	58,157
46 Valparaiso.....	6,987	*

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Kansas (Continued)											
24 Wellington.....	7,034
25 Wichita.....	52,450	*
26 Winfield.....	6,700	*	*
Total.....		6		5	8	2	1	E = 4 H = 2	2	..	1
Kentucky											
1 Ashland.....	8,688	*	1911	*	..	*	..	E	..	..	..
2 Bellevue.....	6,683	..	..	..	*	..	..	..	..	..	*
3 Bowling Green.....	9,173	..	..	..	..	..	..	..	..	..	..
4 Covington.....	53,270	*	1909	*	*	*	..	E	1	..	..
5 Danville.....	5,420	..	..	..	*	..	..	..	..	..	..
6 Dayton.....	6,979	*	1910	..	..	..	..	E	..	..	*
7 Frankfort.....	10,465	..	..	..	..	..	..	..	..	..	..
8 Georgetown.....	4,533	..	..	..	..	..	..	..	..	..	..
9 Henderson.....	11,452	..	..	..	..	..	..	..	..	..	..
10 Hopkinsville.....	9,419	*	..	*	..	..	..	H	1	..	..
11 Louisville.....	223,928	*	1906	*	..	*	..	H	5	1	..
12 Madisonville.....	4,966	..	..	..	..	..	..	..	..	..	..
13 Maysville.....	6,141	..	..	..	..	..	..	..	..	..	..
14 Middlesboro.....	7,305	..	..	..	..	*	..	..	..	..	..
15 Newport.....	30,309	*	1908	*	..	*	*	E	2	1	..
16 Owensboro.....	16,011	..	..	..	..	..	..	..	..	..	..
17 Paducah.....	22,760	*	1910	*	*	..	..	E	..	..	..
18 Paris.....	5,859	..	..	..	*	..	..	..	..	..	..
19 Somerset.....	4,491	..	..	..	*	..	..	..	..	..	..
Total.....		7		6	7	5	1	E = 5 H = 2	9	2	2
Louisiana											
1 Alexandria.....	11,213	..	..	..	*	..	..	..	..	..	..
2 Baton Rouge.....	14,897	..	..	..	..	..	..	..	..	..	..
3 Donaldsonville.....	4,090	..	..	..	..	..	..	..	..	..	..
4 Houma.....	5,024	..	..	..	..	..	..	..	..	..	..
5 Lake Charles.....	11,449	*	1910	*	*	*	..	E	2	..	..
6 Monroe.....	10,209	..	..	..	*	..	..	..	..	..	..
7 New Orleans.....	339,075	*	1907	*	..	*	*	E	3	..	..
8 Shreveport.....	28,015	*	1909	*	*	..	..	H	1	..	..
Total.....		3		3	4	2	1	E = 2 H = 1	6	..	..
Maine											
1 Augusta.....	13,211	*	1909	*	*	..	..	E	2	..	*
2 Bangor.....	24,803	*	1909	*	*	*	*	E	4	..	..
3 Bath.....	9,396	*	1909	..	..	..	..	E	..	..	..
4 Belfast.....	4,618	..	..	..	*	..	..	..	..	..	..
5 Biddeford.....	17,079	..	..	..	*	..	..	..	..	..	..
6 Brewer.....	5,667	*	1910	*	*	..	*	E	2	..	..
7 Brunswick.....	5,341	*	1908	*	*	..	..	E	..	..	..
8 Calais.....	6,116	..	..	..	*	..	..	..	..	..	..
9 Eastport.....	4,961	..	..	..	..	*	*	..	..	..	..
10 Ellsworth.....	3,549	..	..	..	*	..	..	..	..	..	..
11 Houlton.....	5,845	..	..	..	*	..	..	..	..	..	..
12 Lewiston.....	26,247	..	..	..	*	..	..	..	..	..	..
13 Oldtown.....	6,317	..	..	..	*	..	..	..	..	..	..
14 Portland.....	58,571	*	1910	*	..	*	..	E	4	..	..
15 Rockland.....	8,174	..	..	..	*	..	..	..	..	..	..
16 Saco.....	6,583	..	..	..	*	..	..	..	..	..	..
17 Sanford.....	9,049	*	1910	*	*	..	*	E
18 South Portland.....	7,471	*
19 Waterville.....	11,458	*	1910	*	..	*	..	E	1	..	*
Total.....		8		6	18	4	4	E = 8	13	..	2

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Maryland											
1 Annapolis.....	8,609	H
2 Baltimore.....	558,485	*	1905	*	*	H	5	5	..
3 Cumberland.....	21,839
4 Frostburg.....	6,028	..	..	..	..	..	..	..	..	..	..
5 Salisbury.....	66,901	..	..	..	..	..	..	..	..	..	..
Total.....		I		I	..	I	I	H = I	5	5	..
Massachusetts											
1 Adams.....	13,026	*	1907	*	*	..	*	E	4	..	..
2 Amesbury.....	9,894	*	1908	*	*	..	*	E	1	..	..
3 Amherst.....	5,112	*	1908	*	*	..	*	E	1	I	..
4 Andover.....	7,301	*	1906	*	*	..	*	E	1	..	..
5 Arlington.....	11,187	*	1903	*	*	..	*	E	1	..	..
6 Athol.....	8,536	*	1910	*	*	..	*	E	2	..	..
7 Attleboro.....	16,215	*	1906	*	*	..	*	E	1	..	..
8 Avon.....	2,013	*	1908	..	..	..	*	E	2	..	*
9 Barnstable.....	4,676	*	1909	*	*	..	*	E	1	..	..
10 Belmont.....	5,542	*	1905	*	*	..	*	E	1	..	..
11 Beverly.....	18,650	*	1910	*	*	..	*	H	1	..	..
12 Boston.....	670,585	*	1894	*	*	..	..	H	80	34	..
13 Braintree.....	8,066	*	1909	*	*	..	*	H	3	..	..
14 Brockton.....	56,878	*	1908	*	*	..	*	H	2	I	..
15 Brookline.....	27,797	*	1894	*	..	*	..	E	..	I	*
16 Cambridge.....	104,839	*	1894	*	*	..	*	E	6	I	*
17 Canton.....	4,797	*	1909	*	..	*	..	E	1	I	..
18 Chelmsford.....	5,010	*	..	*	*	..	*	E	2	..	..
19 Chelsea.....	32,452	*	1905	*	*	..	*	E	3	..	..
20 Chicopee.....	25,401	*	..	*	*	..	*	H	2	..	..
21 Clinton.....	13,075	*	1908	*	*	..	*	E	1	..	..
22 Concord.....	6,421	*	1908	*	*	..	*	E	1	..	..
23 Danvers.....	9,407	*	1910	*	*	..	*	E	1	..	..
24 Dedham.....	9,284	*	1904	*	*	..	*	E	..	I	..
25 Easthampton.....	8,524	*	1907	*	*	..	*	E	1	..	..
26 Easton.....	5,139	*	1910	*	*	..	*	E	4	..	..
27 Everett.....	33,484	*	1907	*	*	..	..	H	8	..	..
28 Fall River.....	19,295	*	1903	*	*	..	..	H	8	..	..
29 Fitchburg.....	37,826	*	1906	*	*	..	*	E	2	..	..
30 Framingham.....	12,948	*	1908	*	*	..	..	E	1	..	..
31 Franklin.....	5,641	*	1907	*	*	..	..	E	2	..	..
32 Gardner.....	14,699	*	1907	*	*	..	..	E	5	..	..
33 Gloucester.....	24,398	*	..	*	*	..	*	E	3	..	..
34 Great Barrington.....	5,926	*	1908	*	*	..	..	E	3	..	..
35 Greenfield.....	10,427	*	1908	*	*	..	*	E	1	..	..
36 Hingham.....	4,965	*	1907	*	*	..	..	E	1	..	..
37 Holyoke.....	57,730	*	..	*	*	..	*	E	7	..	..
38 Hudson.....	6,743	*	1910	*	*	..	*	E	2	..	*
39 Hyde Park.....	15,507	*	1907	*	*	..	*	E	1	..	..
40 Lawrence.....	85,892	*	1906	*	*	..	*	H	4	..	..
41 Lee.....	41,006	*	1909	*	*	..	*	E	1	..	..
42 Leominster.....	17,580	*	1903	*	*	..	*	E	2	..	*
43 Lexington.....	4,918	*	..	*	*	..	..	E	1	..	..
44 Lowell.....	106,294	*	1909	*	*	..	*	E	9	I	..
45 Ludlow.....	4,948	*	1909	*	*	..	..	E	1	..	..
46 Lynn.....	89,336	*	1907	*	*	..	..	H	10	..	..
47 Malden.....	44,404	*	1904	*	*	..	*	E	4	..	..
48 Mansfield.....	5,183	*	1908	*	*	..	..	H	1	..	..
49 Marblehead.....	7,338	*	..	*	*	..	*	E	7	..	..
50 Marlboro.....	14,579	*	1904	*	*	..	..	E	1	..	*
51 Maynard.....	6,390	*	1907	*	*	..	*	E	1	..	..
52 Medford.....	23,150	*	1907	*	*	..	..	E	1	..	..
53 Melrose.....	15,715	*	..	*	*	..	*	E	3	..	..
54 Methuen.....	11,448	*	1909	*	*	..	..	E	1	..	..
55 Milford.....	15,055	*	1909	..	*	..	*	E	2	..	..
56 Millbury.....	4,740	*	1908	*	*	..	*	E	1	..	..
57 Milton.....	7,927	*	..	*	..	..	..	E	1	..	..
58 Monson.....	4,758	*	1910	*	*	..	*	E	3	..	*
59 Natick.....	9,866	*	1907	*	*	..	..	E	2	..	..
60 Needham.....	5,026	*	1905	*	*	..	*	H	2	..	..

	POPULATION IN 1910	HAVING MEDICAL INSPECTION	YEAR WORK WAS BEGUN	INSPECTION FOR CON- TAGIOUS DISEASES	VISION AND HEARING TESTS BY TEACHERS	VISION AND HEARING TESTS BY DOCTORS	PHYSICAL EXAMINA- TION BY DOCTORS	SYSTEM UNDER BOARD OF EDUCATION OR OF HEALTH	NUMBER OF SCHOOL DOCTORS	NUMBER OF SCHOOL NURSES	INSPECTION BY DENTISTS
Massachusetts (Con- tinued)											
61 New Bedford	96,652	*	1906	*	*	..	..	H	8	1	..
62 Newburyport	14,949	*	1909	*	*	*	..	H	1	..	..
63 Newton	39,806	*	1904	*	*	*	..	H	6	3	..
64 Northampton	19,431	*	1906	*	*	..	*	H	1	..	..
65 North Andover	5,529	*	1907	*	*	..	..	E	1	..	..
66 North Attleboro	9,562	*	1905	*	*	..	..	E	1	..	..
67 Northbridge	8,807	*	1907	*	*	..	..	E	1	..	..
68 North Brookfield	13,075	*	1908	*	*	*	..	E	3	..	..
69 Norwood	8,014	*	1906	*	*	..	..	E	1	1	..
70 Orange	5,282	*	1908	*	*	..	..	E	1	..	..
71 Peabody	15,721	*	1910	*	*	..	..	E	9	..	..
72 Pittsfield	32,121	*	1909	*	*	..	..	E	..	..	..
73 Plymouth	12,141	*	1907	*	*	*	..	E	1	..	..
74 Provincetown	4,309	*	1909	*	*	..	..	E	5	..	..
75 Quincy	32,642	*	1906	*	*	..	*	H	6	..	..
76 Randolph	4,301	..	..	..	..	..	..	E	..	..	..
77 Revere	18,219	*	1908	*	*	..	*	E	1	..	..
78 Rockland	6,928	*	1908	*	*	..	..	E	1	..	..
79 Rockport	4,211	*	1907	*	*	..	*	E	1	..	..
80 Salem	43,697	*	1910	*	*	..	..	E	1	..	..
81 Saugus	8,047	*	1908	*	..	..	*	E	3	..	..
82 Somerville	77,236	*	..	*	*	..	..	E	8	..	*
83 Southbridge	12,592	*	1908	..	*	..	..	E	1	..	..
84 South Hadley	4,894	*	..	*	*	..	..	E	3	..	..
85 Spencer	6,740	*	1908	*	..	..	..	E	1	..	..
86 Springfield	88,926	*	1906	*	*	..	..	H	..	..	..
87 Stoneham	7,090	*	1907	*	*	..	..	E	1	..	..
88 Stoughton	6,316	*	1909	*	*	..	..	H	1	..	..
89 Swampscott	6,204	*	..	*	..	..	..	H	1	..	..
90 Taunton	34,259	*	1906	*	..	*	*	E	1	..	..
91 Turners Falls . . . . .	..	*	1907	..	*	..	*	E	4	..	..
92 Wakefield	11,404	*	1906	*	*	..	..	E	1	..	..
93 Waltham	27,834	*	1901	*	..	*	*	E	3	1	..
94 Ware	8,774	*	1906	*	*	..	*	E	4	..	..
95 Wareham	4,102	*	1908	*	*	..	..	E	3	..	..
96 Watertown	12,875	*	..	..	*	..	..	E	3	..	..
97 Webster	11,509	*	1908	*	*	..	..	E	1	..	..
98 Westboro	5,446	*	1908	*	*	..	*	E	1	..	..
99 Westfield	16,044	*	1909	*	*	..	..	H	2	..	..
100 West Springfield	9,224	*	1908	*	..	..	..	E	3	..	..
101 Weymouth	12,895	*	1910	*	*	..	..	E	6	..	..
102 Whitman	7,292	*	1907	*	*	..	*	E	2	..	..
103 Williamstown	3,708	*	1910	*	..	*	..	E	2	..	..
104 Winchendon	5,678	*	1910	*	*	..	..	E	1	1	..
105 Winchester	9,309	*	1910	*	..	..	..	E	1	1	*
106 Winthrop	10,132	*	1910	*	..	*	*	E	1	..	..
107 Woburn	15,308	*	1906	*	*	..	*	E	1	..	..
108 Worcester	145,986	*	1906	*	*	..	*	E	15	..	..
Total		107		103	104	22	57	E = 84 H = 23	348	49	9
Michigan											
1 Adrian	10,763	*	1910	..	*	..	..	E	..	..	..
2 Albion	5,833	..	..	..	*	..	..	..	..	..	..
3 Ann Arbor	14,817	*	1902	*	..	*	..	E	1	..	..
4 Battle Creek	25,267	..	..	..	*	..	..	..	..	..	..
5 Bay City	45,166	..	..	..	*	..	..	..	..	..	..
6 Benton Harbor	9,185	..	..	..	*	..	..	..	..	..	..
7 Bessemer	4,583	..	..	..	*	..	..	..	..	..	..
8 Big Rapids	4,519	*	1909	*	*	..	..	E	1	..	..
9 Cadillac	8,375	..	..	..	*	..	..	..	..	..	..
10 Charlotte	4,886	..	..	..	..	..	..	..	..	..	..
11 Cheybogan	6,859	..	..	..	..	..	..	..	..	..	..
12 Detroit	465,766	*	1902	*	*	*	..	H	27	6	..
13 Dowagiac	5,088	*	*
14 Flint	38,550
15 Grand Haven	5,856

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Michigan (Continued)											
16 Grand Rapids.....	112,571	*	1906	*	E	..	3	..
17 Hillsdale.....	5,001	*	1910	*	*	*	..	H
18 Holland.....	10,490	..	..	..	..	..	..	..	..	..	..
19 Houghton.....	5,113	*	1910	*	*	*	*	E	8	..	..
20 Ionia.....	5,030	..	..	..	..	..	..	..	..	..	..
21 Iron Mountain.....	9,216	*	1909	*	..	..	..	E	..	2	..
22 Ironwood.....	12,821	..	..	..	*	..	..	E	..	..	..
23 Jackson.....	31,433	*	1910	*	..	..	*	E	11	1	*
24 Kalamazoo.....	39,437	*	1907	*	*	*	..	E	1	1	..
25 Lansing.....	31,229	*	1905	*	..	..	..	E	14	..	..
26 Ludington.....	9,132	..	..	..	*	..	..	..	..	..	..
27 Marshall.....	4,236	..	..	..	..	..	..	..	..	..	..
28 Monroe.....	6,893	..	..	..	..	..	..	..	..	..	..
29 Mt. Clemens.....	7,707	*	1908	*	..	*	..	E	1	..	..
30 Muskegon.....	24,062	*	1909	*	..	*	*	E	3	1	*
31 Negaunee.....	8,460	..	..	..	..	..	..	..	..	..	..
32 Norway.....	4,974	..	..	..	*	..	..	..	..	..	..
33 Owosso.....	9,639	..	..	..	..	..	..	..	..	..	..
34 Port Huron.....	18,863	..	..	..	*	..	..	..	..	..	..
35 Saginaw:	50,510	..	..	..	..	..	..	..	..	..	..
East Side.....	..	*	1910	..	*	..	..	E	6	..	..
West Side.....	..	*	1910	*	..	*	*	E	1	..	*
36 St. Joseph.....	5,936	..	..	..	..	..	..	..	..	..	..
37 Sault Ste. Marie....	12,615	*	1907	*	*	*	..	H	1	..	..
38 South Haven.....	3,577	..	..	..	..	..	..	..	..	..	..
39 Three Rivers.....	5,072	*	..	..	..	..	*	E	..	..	*
40 Traverse City.....	12,115	*	1909	*	*	*	..	E	..	..	..
41 Wyandotte.....	8,287	..	..	..	*	..	..	..	..	..	..
42 Ypsilanti.....	6,230	*	1910	*	*	..	..	E	3	..	*
Total.....		19		16	24	12	5	E = 16 H = 3	78	14	5
Minnesota											
1 Albert Lea.....	6,193	*	..	..	*	..	..	E	1	..	..
2 Anoka.....	3,972	..	..	..	*	..	..	..	..	..	..
3 Austin.....	6,960	..	..	..	*	..	..	..	..	..	..
4 Duluth.....	78,466	*	1909	*	..	*	..	E	2	2	..
5 Ely.....	3,572	..	..	..	..	..	..	..	..	..	..
6 Eveleth.....	7,036	*	1908	*	..	*	*	E	1	..	..
7 Faribault.....	9,001	..	..	..	*	..	..	..	..	..	..
8 Fergus Falls.....	6,887	..	..	..	..	..	..	..	..	..	..
9 Hastings.....	3,983	..	..	..	..	..	..	..	..	..	..
10 Little Falls.....	6,078	..	..	..	*	..	..	..	..	..	..
11 Mankato.....	10,365	..	..	..	*	..	..	..	..	..	..
12 Minneapolis.....	301,408	*	1911	*	..	*	*	E	7	7	..
13 Moorhead.....	4,840	..	..	..	..	..	..	..	..	..	..
14 New Ulm.....	5,648	..	..	..	*	..	..	..	..	..	..
15 Owatona.....	5,658	..	..	..	*	..	..	..	..	..	..
16 Red Wing.....	9,048	..	..	..	..	..	..	..	..	..	..
17 Rochester.....	7,844	*	1911	*	*	*	..	H	1	..	..
18 St. Cloud.....	10,600	*	1907	*	..	*	..	E	1	..	..
19 St. Paul.....	214,744	*	1909	*	..	*	*	E	1	3	..
20 St. Peter.....	4,176	..	..	..	..	..	..	..	..	..	..
21 Stillwater.....	10,198	..	..	..	..	..	..	..	..	..	..
22 Virginia.....	10,473	*	1904	*	*	*	*	H	1	1	..
23 Willmar.....	4,135
24 Winona.....	18,583	*	1910	*	..	*	*	E	8	..	*
Total.....		9		8	10	8	5	E = 7 H = 2	23	13	1

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Mississippi											
1 Columbus.....	8,988
2 Jackson.....	21,262
3 Laurel.....	8,465	*
4 McComb.....	6,237	*
5 Vicksburg.....	20,814
6 Yazoo City.....	6,796	..	..	..	..	..	..	..	..	..	..
Total.....		..		..	2	..	..	..	..	..	..
Missouri											
1 Aurora.....	4,148	*	1910	*	..	*	..	E	5	..	..
2 Cape Girardeau.....	8,475	..	..	..	..	..	..	..	..	..	..
3 Carthage.....	9,483	..	..	..	..	..	..	..	..	..	*
4 Chillicothe.....	6,265	*	1910	*	..	..	..	E	..	..	..
5 Clinton.....	4,992	..	..	..	..	..	..	..	..	..	..
6 Columbia.....	9,662	*	1910	..	..	*	..	E	..	..	..
7 Fulton.....	5,228	*	1910	*	..	..	..	E	1	..	*
8 Hannibal.....	18,341	..	..	..	..	..	..	..	..	..	..
9 Jefferson City.....	11,850	*	1907	..	..	*	*	E	1	..	..
10 Joplin.....	32,073	*	1909	*	..	*	*	E	18	..	*
11 Kansas City.....	248,381	*	1910	*	..	*	*	H	16	..	..
12 Lexington.....	5,242	..	..	..	*	..	..	..	..	..	..
13 Macon.....	3,584	..	..	..	..	..	..	..	..	..	..
14 Marshall.....	4,869	..	..	..	..	..	..	..	..	..	..
15 Poplar Bluff.....	6,916	..	..	..	..	..	..	..	..	..	..
16 Rich Hill.....	2,755	..	..	..	..	..	..	..	..	..	..
17 St. Charles.....	9,437	..	..	..	..	..	..	..	..	..	..
18 St. Joseph.....	77,403	*	1905	*	*	..	..	E	1	..	..
19 St. Louis.....	687,029	*	1909	*	..	*	*	E	6	5	..
20 Sedalia.....	17,822	*	1909	*	..	*	..	E	1	..	..
21 Springfield.....	35,201	..	..	..	..	..	..	E	..	..	..
22 Trenton.....	5,656	..	..	..	..	..	..	..	..	..	..
23 Warrensburg.....	4,689	..	..	..	..	..	..	..	..	..	..
24 Webb City.....	11,817	..	..	..	*	..	..	..	..	..	..
Total.....		10		8	7	7	4	E=9 H=1	50	5	3
Montana											
1 Anaconda.....	10,134	..	..	..	..	..	..	..	..	..	..
2 Bozeman.....	5,107	..	..	..	*	..	..	..	..	..	..
3 Butte.....	39,165	..	..	..	..	..	..	..	..	..	..
4 Great Falls.....	13,948	..	..	..	*	..	..	..	..	..	..
5 Helena.....	12,515	..	..	..	..	..	..	..	..	..	..
6 Missoula.....	12,869	..	..	..	..	..	..	..	..	..	*
Total.....		..		..	2	..	..	..	..	..	1
Nebraska											
1 Beatrice.....	9,356	..	..	..	..	..	..	..	..	..	..
2 Fremont.....	8,718	..	..	..	..	..	..	..	..	..	..
3 Grand Island.....	10,326	*	1910	*	..	*	..	E	1	..	..
4 Hastings.....	9,338	*	1910	*	..	..	*	E	1	..	..
5 Kearney.....	6,202	*	1910	*	*	*	*	E	1	..	..
6 Lincoln.....	43,973	*	1904	*	*	*	*	E	..	1	..
7 Nebraska City.....	5,488	..	..	..	*	*	..	..	..	..	..
8 Norfolk.....	6,025	..	..	..	..	..	..	..	..	..	..
9 North Platte.....	4,793
10 Plattsmouth.....	4,287
11 South Omaha.....	26,259
12 York.....	6,235	*
Total.....		4		4	4	4	2	E=4	3	1	..

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Nevada											
1 Reno.....	10,867	*	1908	*	*	*	..	E	1
Total.....		1		1	1	1	..	E = 1	1
New Hampshire											
1 Berlin.....	11,780
2 Claremont.....	7,529	*	1910	..	*	*	..	E
3 Concord:	21,497	..	..	..	..	..	..	..	..	..	..
Union District...	..	..	..	..	*	..	..	..	..	1	..
Penacook District..	..	..	..	..	..	..	..	..	..	..	..
4 Dover.....	13,247	..	..	..	*	..	..	..	..	..	..
5 Exeter.....	4,897	..	..	..	..	..	..	..	..	..	..
6 Franklin.....	6,132	..	..	..	*	..	..	..	..	..	..
7 Keene.....	10,068	..	..	..	..	..	..	..	..	..	..
8 Laconia.....	10,183	..	..	..	*	..	..	..	..	..	..
9 Manchester.....	70,063	*	1910	*	..	*	..	H	6	..	..
10 Nashua.....	26,005	..	..	..	..	..	..	..	..	..	..
11 Portsmouth.....	11,269	*	1910	*	*	*	..	E	5	..	*
12 Rochester.....	8,868	..	..	..	*	..	..	..	..	..	..
Total.....		3		2	7	3	2	E = 2 H = 1	11	1	1
New Jersey											
1 Asbury Park.....	10,150	*	1909	*	..	*	*	E	2	..	..
2 Atlantic City.....	46,150	*	1905	*	*	*	*	E	3	1	..
3 Bayonne.....	55,545	*	1909	*	*	*	*	E	1	..	..
4 Bloomfield.....	15,070	*	1909	*	*	*	*	E	2	..	..
5 Bordentown.....	4,250	*	1909	*	..	*	*	E	1	..	..
6 Bridgeton.....	14,209	*	1910	*	..	*	*	E	1	..	..
7 Camden.....	94,538	*	1899	*	*	*	*	E	5	..	..
8 Dover.....	7,468	*	1909	*	..	*	*	E	1	..	..
9 East Orange.....	34,371	*	1910	*	..	*	*	E	3	..	..
10 Elizabeth.....	73,409	*	1901	*	*	*	*	E	2	4	*
11 Englewood.....	9,924	*	1905	*	*	*	*	E	1	..	..
12 Garfield.....	10,213	*	1909	*	..	*	*	E	1	..	..
13 Gloucester City...	9,462	*	1910	*	..	*	*	E	1	..	..
14 Hackensack.....	14,050	*	1910	*	..	*	*	E	2	1	..
15 Hammonton.....	5,088	*	1910	*	..	*	*	E	1	..	..
16 Hoboken.....	70,324	*	1909	*	..	*	*	E	3	1	..
17 Irvington.....	11,877	*	1910	*	..	*	*	E	1	..	..
18 Jersey City.....	267,779	*	1910	*	*	*	*	E	13	6	..
19 Kearney.....	18,659	*	1910	*	..	*	*	E	6	..	..
20 Lambertville.....	4,657	*	1910	*	..	*	*	E	2	..	..
21 Long Branch.....	13,298	*	1909	*	..	*	*	E	2	..	..
22 Madison.....	4,658	*	1909	*	..	*	*	E	1	..	..
23 Montclair.....	21,550	*	1903	*	..	*	*	E	4	1	..
24 Morristown.....	12,507	*	1910	*	..	*	*	E	2	..	..
25 Newark.....	347,469	*	1901	*	..	*	*	E	16	8	..
26 New Brunswick...	23,388	*	1910	*	..	*	*	E	1	..	..
27 North Plainfield...	6,117	*	1902	*	..	*	*	E	1	..	..
28 Orange.....	29,630	*	1909	*	..	*	*	E	1	2	..
29 Passaic.....	54,773	*	1902	*	..	*	*	E	4	..	..
30 Paterson.....	125,600	*	1900	*	*	*	*	E	6	..	..
31 Perth Amboy.....	32,121	*	1908	*	*	*	*	E	1	..	..
32 Plainfield.....	20,550	*	1898	*	..	*	*	E	2	1	*
33 Princeton.....	5,136	*	1909	*	..	*	*	E	1	1	..
34 Rahway.....	9,337	*	1909	*	..	*	*	E	2	..	..
35 Red Bank.....	7,398	*	1909	*	..	*	*	E	1	..	..
36 Rutherford.....	7,045	*	1910	*	..	*	*	E	1	..	..
37 Salem.....	6,614	*	1909	*	..	*	*	E	1	..	..
38 Somerville.....	5,060	*	1908	*	..	*	*	E	1	..	..
39 South Amboy.....	7,007	*	1909	*	..	*	*	E	1	..	..
40 South Orange.....	6,014	*	1901	*	..	*	*	E	1
41 Summit.....	7,500	*	1909	*	*	*	*	E	1	1	..
42 Town of Union.....	21,023	*	1908	*	..	*	*	E	1

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New Jersey (Continued)											
43 Trenton.....	96,815	*	1909	*	*	..	*	E	9	2	..
44 Vineland.....	5,282	*	1900	*	*	*	*	E	1
45 West New York.....	13,560	*	1909	*	*	*	*	E	1
46 West Orange.....	10,980	*	1908	*	..	*	*	E	1	1	..
47 Woodbury.....	4,642	*	1903	*	..	*	*	E	1	..	..
Total.....		47		47	12	45	40	E = 47	117	30	2
New Mexico											
1 Albuquerque.....	11,020	*	1909	*	*	..	..	H	..	..	..
2 Raton.....	4,539	..	..	..	..	..	..	..	..	..	..
3 Santa Fé.....	5,072	*	1910	*	..	*	..	E	3	..	..
Total.....		2		2	1	1	..	E = 1 H = 1	3	..	..
New York											
1 Albany.....	100,253	..	..	..	..	..	..	..	..	..	..
2 Albion.....	5,016	..	..	..	*	..	..	..	..	..	..
3 Amsterdam.....	31,267	..	..	*	..	..	..	..	1	..	..
4 Auburn.....	34,668	*	1908	*	*	*	..	E	2	..	..
5 Batavia.....	11,613	..	..	..	*	..	..	..	..	..	..
6 Bath.....	3,884	..	..	..	..	..	..	..	..	..	..
7 Binghamton.....	48,443	..	..	..	*	..	..	..	..	..	..
8 Buffalo.....	423,715	*	1907	*	..	*	*	H	3	..	*
9 Canandaigua.....	7,207	*	1910	*	*	..	..	E	1	..	..
10 Catskill.....	5,293	..	..	*	*	..	..	..	..	..	..
11 Cohoes.....	24,709	*	1910	*	..	..	..	E	1	..	..
12 Corning:	13,730	..	..	..	..	..	..	..	..	..	..
District No. 9	..	..	..	..	*	..	..	..	..	..	..
District No. 13	..	*	..	..	*	*	*	E	..	..	..
13 Cortland.....	11,507	..	..	..	..	..	..	..	..	..	..
14 Dansville.....	3,938	..	..	..	*	..	..	..	..	..	..
15 Dunkirk.....	17,221	..	..	..	..	..	..	..	..	..	..
16 Elmira.....	37,176	*	1910	*	..	*	*	E	1	1	*
17 Fishkill Landing.....	3,902	..	..	..	*	..	..	..	..	..	..
18 Fredonia.....	5,285	..	..	..	*	..	..	..	..	..	..
19 Fulton.....	10,480	..	..	..	..	..	..	..	..	..	..
20 Geneva.....	12,446	*	1910	*	..	*	*	H	1	1	..
21 Haverstraw.....	5,669	..	..	..	*	..	..	..	..	..	..
22 Herkimer.....	7,520	..	..	..	..	..	..	..	..	..	..
23 Hoosick Falls.....	5,532	..	..	..	*	..	..	..	..	..	..
24 Hornell.....	13,617	..	..	..	*	..	..	..	..	..	..
25 Hudson.....	11,417	..	..	*	..	..	..	..	..	..	..
26 Hudson Falls.....	5,189	..	..	..	*	..	..	..	..	..	..
27 Ilion.....	6,588	..	..	..	*	..	..	..	..	..	..
28 Ithaca.....	14,802	*	1909	*	..	*	*	H	1	1	..
29 Jamestown.....	31,297	..	..	..	*	..	..	..	..	..	..
30 Johnstown.....	10,447	..	..	..	*	..	..	..	..	..	..
31 Kingston.....	25,908	..	..	..	*	..	..	..	..	..	..
32 Lackawanna.....	14,549	..	..	..	*	..	..	..	..	..	..
33 Lancaster.....	4,364	..	..	..	*	..	..	..	..	..	..
34 Lansingburg.....	..	..	..	..	*	..	..	..	..	..	..
35 Lawrence.....	1,189	..	..	..	*	..	..	..	..	..	..
36 Lockport.....	17,970	..	..	..	*	..	..	..	..	..	..
37 Lyons.....	4,460	..	..	..	*	..	..	..	..	..	..
38 Malone.....	6,467	..	..	..	*	..	..	..	..	..	..
39 Mamaroneck.....	5,698	*	1908	*	*	..	..	E	1	..	..
40 Medina.....	5,683	..	..	..	*	..	..	..	..	..	..
41 Mt. Vernon.....	30,919	*	1907	*	*	..	*	H	4	1	..
42 New Rochelle.....	28,867	*	1910	*	*	*	*	H	1	..	..
43 New York.....	4,766,883	*	1897	*	*	*	*	H	142	142	..
44 Niagara Falls.....	30,445	..	..	..	*	..	..	..	..	..	..
45 North Tarrytown.....	5,421	*
46 North Tonawanda.....	11,955
47 Norwich.....	7,422	*
48 Nyack.....	4,619	*
49 Olean.....	14,743

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New York (Continued)											
50 Oneonta	9,491	*
51 Oswego	23,368
52 Owego	4,633
53 Patchogue	3,824
54 Penn Yan	4,597	..	..	..	..	..	..	..	..	..	..
55 Plattsburg	11,138	..	..	..	..	..	..	..	..	..	..
56 Port Chester	12,809	..	..	..	..	..	..	..	..	..	..
57 Port Jervis	9,314	..	..	..	..	..	..	..	..	..	..
58 Potsdam	4,036	..	..	..	..	..	..	..	..	..	..
59 Poughkeepsie	27,936	*	1906	*	..	*	..	H	1	..	..
60 Rennselaer	10,711	..	..	..	..	..	..	..	..	..	..
61 Rochester	218,149	*	1906	*	..	*	..	H	12	3	*
62 Rome	20,497	..	..	..	..	..	..	..	..	..	..
63 Saratoga Springs	12,693	..	..	..	..	..	..	..	..	..	..
64 Schenectady	72,826	*	1907	*	..	*	*	H	2	2	*
65 Seneca Falls	6,588	..	..	..	..	..	..	..	..	..	..
66 Solvay	5,139	..	..	..	..	..	..	..	..	..	..
67 Syracuse	137,249	*	1906	*	..	*	*	H	11	2	..
68 Tarrytown	5,600	..	..	..	..	..	..	..	..	..	..
69 Tonawanda	8,290	..	..	..	..	..	..	..	..	..	..
70 Troy	76,813	*	1910	*	..	..	..	H	3	..	..
71 Utica	74,419	*	..	*	..	*	*	H	12	..	..
72 Waterloo	3,931	..	..	..	..	..	..	..	..	..	..
73 Watertown	26,730	..	..	..	..	..	..	..	..	..	..
74 Waverly	4,855	..	..	..	..	*	..	..	..	..	..
75 Wellsville	4,382	..	..	..	..	..	..	..	..	..	..
76 White Plains	15,949	*	1908	*	..	*	*	E	1	..	..
77 Yonkers	79,803	*	1905	*	*	*	*	E	2	1	..
Total		20		22	51	17	13	E = 8 H = 12	197	160	4
North Carolina											
1 Asheville	18,762	*	1905	*	*	*	..	E	3	..	..
2 Concord	8,715	..	..	..	..	..	..	..	..	..	..
3 Durham	18,241	..	..	..	..	..	..	..	..	..	..
4 Gastonia	5,759	..	..	..	..	..	..	..	..	..	..
5 Goldsboro	6,107	..	..	..	..	..	..	..	..	..	..
6 High Point	9,525	*	1910	*	..	..	..	E	..	..	*
7 Kinston	6,995	..	..	..	..	..	..	..	..	..	..
8 Mascontah .....	..	..	..	..	..	..	..	..	..	..	..
9 New Bern	9,961	*	1909	*	*	..	*	E	..	..	..
10 Raleigh	19,218	..	..	..	..	..	..	..	..	..	*
11 Salem	5,533	..	..	..	..	..	..	..	..	..	..
12 Washington	6,211	..	..	..	..	..	..	..	..	..	..
13 Wilmington	25,748	*	1910	*	*	..	..	E	..	..	*
14 Wilson	6,717	..	..	..	..	..	..	..	..	..	..
15 Winston	17,167	*	1911	*	*	..	..	E	..	..	*
Total		5		4	12	1	1	E = 5	3	..	4
North Dakota											
1 Bismarck	5,443	..	..	..	..	..	..	..	..	..	..
2 Fargo	14,331	..	..	..	..	..	..	..	..	..	..
3 Grand Forks	12,478	..	..	..	*	*	..	..	..	..	..
4 Jamestown	4,358	*	1909	*	*	..	..	E	..	..	..
5 Minot	6,188	..	..	..	..	..	..	..	..	..	..
6 Valley City	4,606	..	..	..	*	..	..	..	..	..	..
Total		1		1	3	1	..	E = 1	..	..	..

	POPULATION IN 1910	HAVING MEDICAL INSPECTION	YEAR WORK WAS BEGUN	INSPECTION FOR CONTAGIOUS DISEASES	VISION AND HEARING TESTS BY TEACHERS	VISION AND HEARING TESTS BY DOCTORS	PHYSICAL EXAMINATION BY DOCTORS	SYSTEM UNDER BOARD OF EDUCATION OR HEALTH	NUMBER OF SCHOOL DOCTORS	NUMBER OF SCHOOL NURSES	INSPECTION BY DENTISTS
Ohio											
1 Akron.....	69,067	*	1909	*	*	*	*	E	5	1	.
2 Alliance.....	15,083	.	.	.	.	.	.	.	.	.	.
3 Ashland.....	6,795	.	.	.	.	.	.	.	.	.	.
4 Ashtabula.....	18,266	.	.	.	.	.	.	.	.	.	.
5 Barberton.....	9,410	.	.	.	*	.	.	.	.	.	.
6 Bellaire.....	12,946	.	.	.	.	.	.	.	.	.	.
7 Bellevue.....	5,209	.	.	.	*	.	.	.	.	.	.
8 Bowling Green.....	5,222	.	.	.	.	.	.	.	.	.	.
9 Bucyrus.....	8,122	.	.	.	.	.	.	.	.	.	.
10 Canton.....	50,217	.	.	.	.	.	.	.	.	.	.
11 Chillicothe.....	14,508	.	.	.	*	.	.	.	.	.	.
12 Cincinnati.....	364,463	*	1905	*	*	*	.	H	25	3	*
13 Circleville.....	6,744	.	.	.	*	.	.	.	.	.	.
14 Cleveland.....	560,663	*	1910	*	.	*	.	E	15	15	*
15 Columbus.....	181,548	.	.	.	.	.	.	.	.	.	.
16 Conneaut.....	8,319	.	.	.	*	.	.	.	.	.	.
17 Coschocton.....	9,603	.	.	.	*	.	.	.	.	.	.
18 Dayton.....	116,577	*	1906	*	*	*	*	E	1	.	*
19 Defiance.....	7,327	.	.	.	.	.	.	.	.	.	.
20 Delaware.....	9,076	.	.	.	.	.	.	.	.	.	*
21 Delphos.....	5,038	.	.	.	.	.	.	.	.	.	.
22 East Liverpool.....	20,387	.	.	.	*	.	.	.	.	.	.
23 Elyria.....	14,825	*	1908	*	.	*	*	E	1	.	*
24 Findlay.....	14,858	.	.	.	.	.	.	.	.	.	*
25 Gallon.....	7,214	.	.	.	.	.	.	.	.	.	.
26 Gallipolis.....	5,560	.	.	.	*	.	.	.	.	.	*
27 Hamilton.....	35,279	.	.	.	*	.	.	.	.	.	.
28 Hillsboro.....	4,296	.	.	.	.	.	.	.	.	.	.
29 Ironton.....	13,147	.	.	.	.	.	.	.	.	.	.
30 Jackson.....	5,468	.	.	.	*	.	.	.	.	.	.
31 Kent.....	4,488	.	.	.	*	.	.	.	.	.	.
32 Lancaster.....	13,093	.	.	.	.	.	.	.	.	.	.
33 Lima.....	30,508	*	1910	*	*	.	.	E	12	.	*
34 Lorain.....	28,883	.	.	.	*	.	.	.	.	.	.
35 Mansfield.....	20,768	.	.	.	.	.	.	.	.	.	.
36 Marietta.....	12,923	.	.	.	*	.	.	.	.	.	.
37 Martins Ferry.....	9,133	.	.	.	.	.	.	.	.	.	.
38 Massillon.....	13,879	.	.	.	.	.	.	.	.	.	.
39 Miamisburg.....	4,271	.	.	.	*	.	.	.	.	.	.
40 Middletown.....	13,152	.	.	.	.	.	.	.	.	.	.
41 Mt. Vernon.....	9,087	.	.	.	.	.	.	.	.	.	.
42 Newark.....	25,404	.	.	.	*	.	.	.	.	.	.
43 New Philadelphia.....	8,542	.	.	.	*	.	.	.	.	.	.
44 Niles.....	8,361	.	.	.	.	.	.	.	.	.	.
45 North Baltimore.....	2,503	.	.	.	.	.	.	.	.	.	.
46 Norwalk.....	7,858	.	.	.	*	.	.	.	.	.	.
47 Norwood.....	16,185	*	1909	*	.	*	.	E	1	.	.
48 Oberlin.....	4,365	*	.	.	.	*	.	E	1	.	.
49 Painesville.....	5,501	.	.	.	.	.	.	.	.	.	.
50 Piqua.....	13,388	.	.	.	.	.	.	.	.	.	.
51 Portsmouth.....	23,481	.	.	.	.	.	.	.	.	.	.
52 Ravenna.....	5,310	.	.	.	.	.	.	.	.	.	.
53 St. Marys.....	5,732	.	.	.	.	.	.	.	.	.	.
54 Salem.....	8,943	.	.	.	*	.	.	.	.	.	.
55 Sandusky.....	19,989	.	.	.	*	.	.	.	.	.	.
56 Shelby.....	4,903	.	.	.	*	.	.	.	.	.	.
57 Sidney.....	6,607	*	1905	*	.	*	*	E	1	.	.
58 Springfield.....	46,921	*	1909	*	*	.	.	E	.	.	.
59 Steubenville.....	22,391	.	.	.	*	.	.	E	.	.	.
60 Tiffin.....	11,894	.	.	.	*	.	.	.	.	.	.
61 Toledo.....	168,497	*	1910	*	.	*	*	E	5	5	.
62 Urbana.....	7,739	.	.	.	.	.	.	.	.	.	.
63 Van Wert.....	7,157	.	.	.	*	.	.	.	.	.	.
64 Wapakoneta.....	5,349	.	.	.	.	.	.	.	.	.	.
65 Wellston.....	6,875	.	.	.	.	.	.	.	.	.	.
66 Xenia.....	8,706	.	.	.	.	.	.	.	.	.	.
67 Youngstown.....	79,066	*	1910	.	.	.	.	E	.	.	.
68 Zanesville.....	28,026	.	.	.	.	.	.	.	.	.	.
Total.....		12		9	28	9	5	E=11 H=1	67	24	8

	POPULATION IN 1910	HAVING MEDICAL INSPECTION	YEAR WORK WAS BEGUN	INSPECTION FOR CONTAGIOUS DISEASES	VISION AND HEARING TESTS BY TEACHERS	VISION AND HEARING TESTS BY DOCTORS	PHYSICAL EXAMINATION BY DOCTORS	SYSTEM UNDER BOARD OF EDUCATION OR HEALTH	NUMBER OF SCHOOL DOCTORS	NUMBER OF SCHOOL NURSES	INSPECTION BY DENTISTS
Oklahoma											
1 Ardmore.....	8,618	*	1909	*	*	*	..	H	1	..	..
2 Chickasha.....	10,320	..	..	..	..	..	..	..	..	..	..
3 Durant.....	5,330	..	..	..	..	..	..	..	..	..	..
4 El Reno.....	7,872	..	..	..	*	..	..	..	..	..	..
5 Guthrie.....	11,654	*	1910	*	..	*	*	E	3	..	..
6 Lawton.....	7,788	..	..	..	..	..	..	..	..	..	..
7 McAlester.....	12,954	..	..	..	*	..	..	..	..	..	..
8 Muskagee.....	25,278	*	1910	*	..	*	*	E	1	..	..
9 Oklahoma City.....	64,205	*	1910	*	*	*	*	E	1	..	..
10 Perry.....	3,133	..	..	..	..	..	..	..	..	..	..
11 Ponca.....	2,521	..	..	..	*	..	..	..	..	..	..
12 Shawnee.....	12,474	..	..	..	..	..	..	..	..	..	..
13 Tulsa.....	18,182	*	1910	*	*	..	..	H	3	..	..
Total.....		5		5	6	4	3	E=3 H=2	9	..	..
Oregon											
1 Astoria.....	9,599	*	1910	*	*	..	..	H	1	..	..
2 Eugene.....	9,009	..	..	..	..	..	..	..	..	..	..
3 Pendleton.....	4,460	..	..	..	*	..	..	..	..	..	..
4 Portland.....	207,214	*	1908	*	..	*	*	H	4	1	*
5 The Dalles.....	4,880	..	..	..	..	..	..	..	..	..	..
Total.....		2		2	2	1	1	H=2	5	1	1
Pennsylvania											
1 Allentown.....	51,913	*	1910	*	*	*	*	H	2	..	..
2 Altoona.....	52,127	..	..	..	..	..	..	..	..	..	..
3 Archbald.....	7,194	..	..	..	*	..	..	..	..	..	..
4 Athens.....	3,796	..	..	..	*	..	..	..	..	..	..
5 Bangor.....	5,369	..	..	..	..	..	..	..	..	..	..
6 Beaver Falls.....	12,191	..	..	..	*	..	..	..	..	..	..
7 Bellefonte.....	4,145	..	..	..	..	..	..	..	..	..	..
8 Berwick.....	5,689	*	1909	*	*	*	..	E	1	..	..
9 Bethlehem.....	12,837	..	..	..	..	..	..	..	..	..	..
10 Blakely.....	5,345	..	..	..	*	..	..	..	..	..	..
11 Braddock.....	19,357	*	1910	*	*	*	*	E	4	..	..
12 Bradford.....	14,544	..	..	..	*	..	..	..	..	..	..
13 Bristol.....	9,256	*	..	..	*	..	..	E	..	..	..
14 Butler.....	20,728	..	..	..	..	..	..	..	..	..	..
15 Carlisle.....	10,303	..	..	..	*	..	..	..	..	..	..
16 Carnegie.....	10,009	..	..	..	..	..	..	..	..	..	..
17 Catasauqua.....	5,250	..	..	..	..	..	..	..	..	..	..
18 Chambersburg.....	11,800	..	..	..	*	..	..	..	..	..	..
19 Charleroi.....	9,615	..	..	..	..	*	..	..	..	..	..
20 Chester.....	38,537	..	..	..	..	..	..	..	..	..	..
21 Clearfield.....	6,851	..	..	..	..	..	..	..	..	..	..
22 Coatesville.....	11,084	..	..	..	*	..	..	..	..	..	..
23 Corry.....	5,991	..	..	..	..	..	..	..	..	..	..
24 Danville.....	7,517	*	1910	*	..	*	..	E	1	..	..
25 Darby.....	6,305	*	1907	*	..	*	*	E	1	..	..
26 Dickson City.....	9,331	..	..	..	..	..	..	..	..	..	..
27 Donora.....	8,174	..	..	..	..	..	..	..	..	..	..
28 Dubois.....	12,623	*	1910	..	..	..	..	E	..	..	..
29 Duryea.....	7,487	..	..	..	*	..	..	..	..	..	..
30 Easton.....	28,523	..	..	..	..	..	..	..	..	..	..
31 Edwardsdale.....	8,407	..	..	..	..	..	..	..	..	..	..
32 Erie.....	66,525	*	1910	*	*	*	*	E	1	2	..
33 Forest City.....	5,749	..	..	..	..	..	..	..	..	..	..
34 Franklin.....	9,767	..	..	..	..	..	..	..	..	..	..
35 Greensburg.....	13,012	*	1910	*	..	..	..	H	1	..	..
36 Hanover.....	7,057	..	..	..	..	..	..	..	..	..	..
37 Harrisburg.....	64,186	*	1908	*	..	*	*	E	1	2	..
38 Hazleton.....	25,452	..	..	..	*	..	..	..	..	..	..
39 Homestead.....	18,713	..	..	..	*	..	..	..	..	..	..
40 Indiana.....	5,749	..	..	..	..	..	..	..	..	..	..
41 Jeannette.....	8,077	*	1911	*	*	*	*	E	7	..	*

	POPULATION IN 1910	HAVING MEDICAL INSPECTION	YEAR WORK WAS BEGUN	INSPECTION FOR CON- TAGIOUS DISEASES	VISION AND HEARING TESTS BY TEACHERS	VISION AND HEARING TESTS BY DOCTORS	PHYSICAL EXAMINA- TION BY DOCTORS	SYSTEM UNDER BOARD OF EDUCATION OR HEALTH	NUMBER OF SCHOOL DOCTORS	NUMBER OF SCHOOL NURSES	INSPECTION BY DENTISTS
Pennsylvania (Con- tinued)											
42 Jersey Shore.....	5,381	..	..	..	..	..	..	H	..	..	..
43 Johnsonburg.....	4,334	* ..	1909	..	* ..	* ..	..	H	2	..	..
44 Johnstown.....	55,482	* ..	1909	..	* ..	* ..	..	H	2	..	..
45 Lancaster.....	47,227	* ..	1907	* ..	* ..	* ..	..	E	1	..	..
46 Lebanon.....	19,240	..	..	..	* ..	..	..	..	..	..	..
47 Lehigh.....	5,316	* ..	1909	* ..	..	..	..	E	1	..	..
48 McKeesport.....	42,694	..	..	..	* ..	..	..	..	..	..	..
49 McKees Rocks.....	14,702	..	..	..	* ..	..	..	..	..	..	..
50 Mahanoy City.....	15,936	..	..	..	* ..	..	..	..	..	..	..
51 Mauch Chunk.....	3,952	..	..	..	..	..	..	..	..	..	..
52 Milton.....	7,460	* ..	1909	* ..	..	..	..	E	..	..	*
53 Monongahela City..	7,598	..	..	..	..	..	..	..	..	..	..
54 Mt. Carmel.....	17,532	..	..	..	* ..	..	..	..	..	..	..
55 Nanticoke.....	18,877	..	..	..	..	..	..	..	..	..	..
56 New Brighton.....	8,329	..	..	..	..	..	..	..	..	..	..
57 New Castle.....	36,280	..	..	..	* ..	..	..	..	..	..	..
58 Norristown.....	27,875	* ..	..	* ..	* ..	* ..	..	E	1	..	..
59 Northampton.....	8,729	..	..	..	..	..	..	..	..	..	..
60 North Braddock....	11,824	* ..	1910	* ..	..	* ..	* ..	E	3	..	..
61 Philadelphia.....	1,549,008	* ..	1904	* ..	..	* ..	* ..	H	30	9	*
62 Phoenixville.....	10,743	..	..	..	* ..	..	..	..	..	..	..
63 Pottsville.....	4,979	..	..	..	..	..	..	..	..	..	..
64 Pittsburg.....	533,905	* ..	1910	..	..	..	..	H	30	..	..
65 Pottstown.....	15,599	..	..	..	* ..	..	..	..	..	..	..
66 Pottsville.....	20,236	..	..	..	* ..	..	..	..	..	..	..
67 Punxsutawney.....	9,058	* ..	1909	..	..	* ..	..	E	..	..	..
68 Rankin.....	6,042	..	..	..	..	..	..	..	..	..	..
69 Reading.....	96,071	* ..	1908	..	..	* ..	* ..	E	1	..	*
70 Renovo.....	4,621	..	..	..	* ..	..	..	..	..	..	..
71 Ridgeway.....	5,408	..	..	..	..	..	..	..	..	..	..
72 St. Clair.....	5,640	..	..	..	..	..	..	..	..	..	..
73 St. Marys.....	6,346	..	..	..	..	..	..	..	..	..	..
74 Sayre.....	6,426	..	..	..	..	..	..	..	..	..	..
75 Scranton.....	129,867	..	..	..	* ..	..	..	..	..	..	..
76 Sewickley.....	4,479	..	..	..	..	..	..	..	..	..	..
77 Shamokin.....	19,588	..	..	..	* ..	..	..	..	..	..	..
78 Sharpsburg.....	8,153	..	..	..	..	..	..	..	..	..	..
79 Shenandoah.....	25,774	..	..	..	..	..	..	..	..	..	..
80 Slatington.....	4,454	..	..	..	..	..	..	..	..	..	..
81 South Bethlehem....	19,973	* ..	..	* ..	* ..	..	..	H	..	..	..
82 South Sharon.....	10,190	..	..	..	..	..	..	..	..	..	..
83 Sunbury.....	13,770	..	..	..	..	..	..	..	..	..	..
84 Tamaqua.....	9,462	..	..	..	..	..	..	..	..	..	..
85 Tarentum.....	7,414	..	..	..	..	..	..	..	..	..	..
86 Titusville.....	8,533	..	..	..	..	..	..	..	..	..	..
87 Towanda.....	4,281	..	..	..	..	..	..	..	..	..	..
88 Tyrone.....	7,176	..	..	..	..	..	..	..	..	..	..
89 Uniontown.....	13,344	..	..	..	..	..	..	..	..	..	..
90 Warren.....	11,080	* ..	1910	* ..	..	* ..	..	E	1	..	..
91 Washington.....	18,778	* ..	1906	* ..	..	..	..	E	1	..	..
92 Waynesboro.....	7,199	..	..	..	..	..	..	..	..	..	..
93 West Chester.....	11,767	* ..	1910	* ..	..	* ..	..	E	1	..	..
94 West Pittston.....	6,848	..	..	..	* ..	..	..	..	..	..	..
95 Wilkes Barre.....	67,105	* ..	1910	* ..	* ..	* ..	* ..	E	1	..	..
96 Wilkesburg.....	18,924	..	..	..	* ..	..	..	..	..	..	..
97 Williamsport.....	31,860	..	..	..	..	..	..	..	..	..	..
98 Wilmerding.....	6,133	..	..	..	* ..	..	..	..	..	..	..
99 Windber.....	8,013	..	..	..	..	..	..	..	..	..	..
100 York.....	44,750	* ..	1910	* ..	..	* ..	* ..	H	26	..	..
Total.....		28		21	36	21	12	E = 20 H = 8	120	13	4

	POPULATION IN 1910	HAVING MEDICAL INSPECTION	YEAR WORK WAS BEGUN	INSPECTION FOR CON- TAGIOUS DISEASES	VISION AND HEARING TESTS BY TEACHERS	VISION AND HEARING TESTS BY DOCTORS	PHYSICAL EXAMINA- TION BY DOCTORS	SYSTEM UNDER BOARD OF EDUCATION OR HEALTH	NUMBER OF SCHOOL DOCTORS	NUMBER OF SCHOOL NURSES	INSPECTION BY DENTISTS
Rhode Island											
1 Bristol.....	8,565	..	..	..	*	..	..	..	..	..	..
2 Burrillville.....	7,878	..	..	..	..	..	..	..	..	..	..
3 Central Falls.....	22,754	*	1909	*	..	*	..	E	3	..	..
4 Coventry.....	5,848	..	..	..	..	..	..	..	..	..	..
5 Cranston.....	21,171	..	..	..	*	..	..	..	..	..	..
6 Cumberland.....	10,107	*	1909	*	*	*	*	E	1	..	..
7 East Providence....	15,808	*	1909	*	*	*	*	E	1	..	..
8 Lincoln.....	9,825	*	..	*	..	..	..	H	1	..	..
9 Newport.....	27,149	*	1906	*	*	*	..	H	4	..	..
10 North Kingston....	4,048	..	..	..	..	..	..	..	..	..	..
11 Pawtucket.....	51,622	*	..	*	..	..	..	E	..	..	*
12 Providence.....	224,326	*	1905	..	..	*	..	H	4	1	..
13 South Kingston....	5,176	..	..	..	..	..	..	..	..	..	..
14 Warwick.....	26,629	..	..	..	..	..	..	..	..	..	..
15 Westerly.....	8,696	..	..	..	..	..	..	..	..	..	..
16 Woonsocket.....	38,125	*	1908	*	*	*	..	E	6	..	..
Total.....		8		7	5	6	2	E = 5 H = 3	20	1	1
South Carolina											
1 Abbeville.....	4,459	..	..	..	..	..	..	..	..	..	..
2 Anderson.....	9,654	*	1910	*	..	*	*	E	1	..	..
3 Chester.....	4,754	..	..	..	..	..	..	..	..	..	..
4 Columbia.....	26,319	..	..	..	..	..	..	..	..	..	..
5 Georgetown.....	5,530	..	..	..	..	..	..	..	..	..	..
6 Greenville.....	15,741	*	1911	*	*	..	*	E	..	..	*
7 Hartsville.....	2,365	..	..	..	..	..	..	..	..	..	..
8 Rock Hill.....	7,216	..	..	..	..	..	..	..	..	..	..
9 Spartanburg.....	17,517	*	1910	*	..	*	*	E	3	..	..
10 Sumter.....	8,109	*	1909	*	..	*	*	H	1	..	..
11 Union.....	5,623	..	..	..	..	..	..	..	..	..	..
Total.....		4		4	1	3	4	E = 3 H = 1	5	..	1
South Dakota											
1 Aberdeen.....	10,753	*	1910	*	..	..	..	H	..	..	..
2 Deadwood.....	3,653	..	..	..	*	..	..	..	..	..	..
3 Lead.....	8,392	..	..	..	..	..	..	..	..	..	..
4 Mitchell.....	6,515	*	1910	*	*	*	..	E	..	..	*
5 Sioux Falls.....	14,094	..	..	..	..	..	..	..	..	..	..
6 Yankton.....	3,787	..	..	..	..	..	..	..	..	..	..
Total.....		2		2	3	1	..	E = 1 H = 1	..	..	2
Tennessee											
1 Chattanooga.....	44,604	..	..	..	..	..	..	..	..	..	..
2 Clarksville.....	8,548	..	..	..	..	..	..	..	..	..	..
3 Jackson.....	15,779	*	1901	*	*	..	..	H	..	..	..
4 Knoxville.....	36,346	*	1909	*	*	*	*	E	1	..	*
5 Memphis.....	131,105	*	1910	*	*	*	*	H	..	..	..
6 Nashville.....	110,364	*	1908	..	*	*	..	E	1	..	..
Total.....		4		3	4	3	2	E = 2 H = 2	2	..	1

	POPULATION IN 1910	HAVING MEDICAL INSPECTION	YEAR WORK WAS BEGUN	INSPECTION FOR CONTAGIOUS DISEASES	VISION AND HEARING TESTS BY TEACHERS	VISION AND HEARING TESTS BY DOCTORS	PHYSICAL EXAMINATION BY DOCTORS	SYSTEM UNDER BOARD OF EDUCATION OR HEALTH	NUMBER OF SCHOOL DOCTORS	NUMBER OF SCHOOL NURSES	INSPECTION BY DENTISTS
Texas											
1 Austin	29,860	*	1909	..	*	*	..	E	..	..	..
2 Beaumont	20,640	..	..	..	..	..	..	E	..	..	..
3 Belton	4,164	*	1902	..	..	..	..	E	..	..	..
4 Brownsville	10,517	*	1910	*	*	*	..	E	1	..	..
5 Brownwood	6,967	..	..	..	*	..	..	..	..	..	..
6 Cleburne	10,364	*	1910	*	..	..	..	H	1	..	..
7 Corpus Christi	8,222	..	..	..	..	..	..	..	..	..	..
8 Corsicana	9,749	..	..	..	*	..	..	..	..	..	..
9 Dallas	92,104	..	..	..	..	..	..	..	..	..	..
10 Denison	13,632	..	..	..	..	..	..	..	..	..	..
11 Denton	4,732	..	..	..	..	..	..	..	..	..	..
12 El Paso	39,279	*	1911	*	*	..	..	H	..	..	..
13 Ft. Worth	73,312	*	1909	*	*	*	*	E	2	..	..
14 Gainesville	7,624	..	..	..	*	..	..	..	..	..	..
15 Galveston	36,091	*	1907	*	*	..	..	E	1	..	..
16 Gonzales	3,139	..	..	..	..	..	..	..	..	..	..
17 Greenville	8,850	*	1908	*	*	..	*	H	..	..	..
18 Hillsboro	6,115	..	..	..	..	..	..	..	..	..	..
19 Houston	78,800	*	1907	*	*	*	..	E	1	..	..
20 Marlin	3,878	..	..	..	*	..	..	..	..	..	..
21 Marshall	11,452	..	..	..	..	..	..	..	..	..	..
22 Orange	5,527	..	..	..	*	..	..	..	..	..	..
23 Palestine	10,482	..	..	..	..	..	..	..	..	..	..
24 Paris	11,269	..	..	..	..	..	..	..	..	..	..
25 San Antonio	96,614	*	1890	*	*	*	..	E	1	..	..
26 Taylor	5,314	..	..	..	..	..	..	..	..	..	..
27 Temple	10,993	..	..	..	*	..	..	..	..	..	..
28 Terrell	7,050	..	..	..	..	..	..	..	..	..	..
29 Texarkana	9,790	..	..	..	..	..	..	..	..	..	..
30 Victoria	3,673	..	..	..	..	..	..	..	..	..	..
31 Waco	26,425	..	..	*	..	..	..	..	..	..	..
Total		10		11	14	5	2	E = 7 H = 3	8	..	..
Utah											
1 Logan	7,522	*	1910	*	*	*	*	E	1	..	..
2 Park City	3,439	..	..	..	..	..	..	..	..	..	..
3 Provo	8,925	*	1910	*	*	*	*	E	1	..	..
4 Salt Lake City	92,777	*	1898	*	*	..	..	E	1	..	..
Total		3		3	3	2	2	E = 3	3	..	..
Vermont											
1 Barre	10,724	..	..	..	*	..	..	..	..	..	..
2 Bellows Falls	4,883	..	..	..	*	..	..	..	..	..	..
3 Brattleboro	6,517	..	..	..	*	..	..	..	..	..	..
4 Montpelier	7,856	..	..	*	*	..	..	..	..	..	..
5 Rutland	13,546	..	..	..	*	..	..	..	..	..	..
6 St. Albans	6,381	..	..	..	*	..	..	..	..	..	..
7 St. Johnsbury	8,098	..	..	..	*	..	..	..	..	..	..
Total .....		..		1	7	..	..	..	..	..	..

	POPULATION IN 1910	HAVING MEDICAL INSPECTION	YEAR WORK WAS BEGUN	INSPECTION FOR CON- TAGIOUS DISEASES	VISION AND HEARING TESTS BY TEACHERS	VISION AND HEARING TESTS BY DOCTORS	PHYSICAL EXAMINA- TION BY DOCTORS	SYSTEM UNDER BOARD OF EDUCATION OR HEALTH	NUMBER OF SCHOOL DOCTORS	NUMBER OF SCHOOL NURSES	INSPECTION BY DENTISTS
Virginia											
1 Alexandria	15,329	..	..	..	*	..	..	..	..	..	..
2 Bristol	6,247	..	..	..	*	..	..	..	..	..	..
3 Charlottesville	6,765	..	..	..	*	..	..	..	..	..	..
4 Danville	19,020	*	1909	*	*	..	..	E	..	..	*
5 Fredericksburg	5,874	..	..	..	*	..	..	..	..	..	..
6 Lynchburg	29,494	..	..	..	*	..	..	..	..	..	..
7 Newport News	20,205	..	..	..	*	..	..	..	..	..	..
8 Norfolk	67,452	*	1908	*	*	*	*	E	4	..	..
9 Portsmouth	33,190	..	..	..	*	..	..	..	..	..	..
10 Radford	4,202	..	..	..	*	..	..	..	..	..	..
11 Richmond	127,628	*	1905	*	*	..	..	E	7	1	..
12 Staunton	10,604	*	1910	*	*	*	*	H	1	..	..
13 Suffolk	7,008	..	..	..	..	..	..	..	..	..	..
Total		4		4	8	2	2	E=3 H=1	12	1	1
Washington											
1 Aberdeen	13,660	*	1909	*	..	..	..	E	1	1	..
2 Bellingham	24,298	..	..	..	*	..	..	..	..	..	..
3 Everett	24,814	*	1910	*	*	*	..	E	..	1	..
4 North Yakima	14,082	*	1909	*	*	*	*	E	2	..	*
5 Olympia	6,996	*	1908	*	..	*	..	E	1	1	..
6 Seattle	237,194	*	1907	*	..	..	..	H	10	3	..
7 Spokane	104,402	*	1909	*	*	*	*	E	6	..	..
8 Tacoma	82,972	*	1909	*	..	*	*	E	2	2	..
9 Vancouver	9,300	..	..	..	..	..	..	..	..	..	..
10 Walla Walla	19,304	..	..	..	..	..	..	..	..	..	..
Total		7		6	3	5	3	E=6 H=1	22	8	1
West Virginia											
1 Bluefield	11,188	..	..	..	..	..	..	..	..	..	..
2 Charleston	22,996	*	1910	*	..	..	*	E	..	1	..
3 Clarksburg	9,201	..	..	..	..	..	..	..	..	..	..
4 Fairmont	9,711	..	..	..	..	..	..	..	..	..	..
5 Grafton	7,563	..	..	*	*	..	..	..	..	..	..
6 Huntington	31,161	..	..	..	..	..	..	..	..	..	..
7 Martinsburg	10,698	..	..	..	..	..	..	..	..	..	..
8 Moundsville	8,918	..	..	..	..	..	..	..	..	..	..
9 Parkersburg	17,842	*	1910	*	*	..	..	E	1	..	..
10 Wheeling	41,641	..	..	..	..	..	..	..	..	..	..
Total		2		3	2	..	1	E=2	1	1	..

	POPULATION IN 1910	HAVING MEDICAL INSPECTION	YEAR WORK WAS BEGUN	INSPECTION FOR CONTAGIOUS DISEASES	VISION AND HEARING TESTS BY TEACHERS	VISION AND HEARING TESTS BY DOCTORS	PHYSICAL EXAMINATION BY DOCTORS	SYSTEM UNDER BOARD OF EDUCATION OR HEALTH	NUMBER OF SCHOOL DOCTORS	NUMBER OF SCHOOL NURSES	INSPECTION BY DENTISTS
Wisconsin											
1 Antigo.....	7,196	..	..	..	..	..	..	E	..	..	..
2 Appleton.....	16,773	* ..	1909	..	..	..	..	E	..	..	..
3 Ashland.....	11,594	..	..	..	..	..	..	..	..	..	..
4 Baraboo.....	6,324	..	..	..	..	..	..	..	..	..	..
5 Beaver Dam.....	6,758	..	..	..	..	..	..	..	..	..	..
6 Beloit.....	15,125	* ..	1910	..	..	..	..	E	1	..	..
7 Berlin.....	4,636	..	..	..	..	..	..	..	..	..	..
8 Chippewa Falls.....	8,893	..	..	..	..	..	..	..	..	..	..
9 De Pere:	4,477	..	..	..	..	..	..	..	..	..	..
East Side.....	..	..	..	..	..	..	..	..	..	..	*
West Side.....	..	..	..	..	..	..	..	..	..	..	..
10 Fond du Lac.....	18,997	..	..	..	..	..	..	..	..	..	..
11 Grand Rapids.....	6,521	* ..	1910	..	..	..	..	E	8	..	..
12 Green Bay.....	25,236	..	..	..	..	..	..	..	..	..	..
13 Janesville.....	13,894	..	..	..	..	..	..	..	..	..	..
14 Kaukauna.....	21,371	..	..	..	..	..	..	..	..	..	..
15 Kenosha.....	21,371	* ..	1908	..	..	..	..	E	8	..	..
16 La Crosse.....	30,417	..	..	..	..	..	..	..	..	..	..
17 Madison.....	25,531	* ..	1909	..	..	..	..	E	..	..	..
18 Manitowac.....	13,027	..	..	..	..	..	..	E	..	..	..
19 Marinette.....	14,610	* ..	1909	..	..	..	..	E	..	..	..
20 Marshfield.....	5,783	..	..	..	..	..	..	..	..	..	..
21 Menasha.....	6,081	..	..	..	..	..	..	..	..	..	..
22 Menominee.....	5,036	..	..	..	..	..	..	..	..	..	..
23 Merrill.....	8,680	* ..	1910	..	..	..	..	H	1	..	..
24 Milwaukee.....	373,857	* ..	1909	..	..	..	..	E	10	4	..
25 Monroe.....	4,410	..	..	..	..	..	..	..	..	..	..
26 Neenah.....	5,734	..	..	..	..	..	..	..	..	..	..
27 Oconto.....	5,629	..	..	..	..	..	..	..	..	..	..
28 Oshkosh.....	33,062	..	..	..	..	..	..	..	..	..	*
29 Platteville.....	4,452	..	..	..	..	..	..	..	..	..	..
30 Portage.....	5,440	..	..	..	..	..	..	..	..	..	..
31 Racine.....	38,002	* ..	1910	..	..	..	..	E	1	1	..
32 Rhinelander.....	5,637	..	..	..	..	..	..	..	..	..	..
33 Sheboygan.....	26,398	* ..	..	..	..	..	..	H	..	..	*
34 South Milwaukee.....	6,092	..	..	..	..	..	..	..	..	..	..
35 Stoughton.....	4,761	* ..	1910	..	..	..	..	E	..	..	..
36 Superior.....	40,384	* ..	1908	..	..	..	..	E	1	..	..
37 Two Rivers.....	4,850	* ..	1910	..	..	..	..	H	1	..	..
38 Washburn.....	3,830	..	..	..	..	..	..	..	..	..	..
39 Watertown.....	8,829	..	..	..	..	..	..	..	..	..	..
40 Waukesha.....	8,740	..	..	..	..	..	..	..	..	..	..
41 Wausau.....	16,560	* ..	1910	..	..	..	..	E	6	1	..
Total.....		14		10	27	9	6	E=11 H=3	37	6	3
Wyoming											
1 Cheyenne.....	11,320
2 Rock Springs.....	5,778
3 Sheridan.....	8,408	* ..	1910	H
Total.....		1		..	1	1	..	H=1

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Medical Inspection

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