



NEW WESTERN HIGH SCHOOL—LANVALE AND McCULLOH STREETS

EIGHTY-SECOND ANNUAL REPORT

OF THE

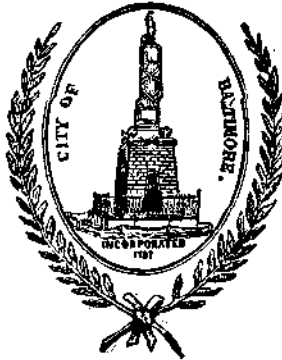
Board of School Commissioners

TO THE

MAYOR AND CITY COUNCIL OF BALTIMORE

FOR THE

FISCAL YEAR END



BALTIMORE
MEYER & THALHEIMER
PUBLIC PRINTER

1911

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BOARD OF SCHOOL COMMISSIONERS.

ORGANIZED MARCH 1, 1900. 1910

NAME.	ADDRESS.	TERM EXP.
JOHN E. SEMMES, <i>President</i>	825 Equitable Building.....	1912
ALCAEUS HOOPER.....	10 South Street.....	1914
ROBERT M. ROTHER.....	1913 W. Baltimore Street.....	1914
THOMAS McCOSKER.....	2112 E. Pratt Street.....	1916
GEORGE A. SOLTER.....	2440 Eutaw Place.....	1914
EDWARD ROSSMANN.....	1629 McClellerry Street.....	1912
LAWRASON RIGGS.....	632 Equitable Building.....	1916
CHARLES F. HARLEY.....	200 Md. Telephone Building.....	1916
HANS FROELICHER.....	118 E. Twenty-fourth Street.....	1912



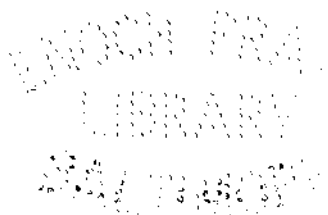
OFFICERS.

JAMES H. VAN SICKLE.....	Superintendent.
HENRY A. WISE.....	First Assistant Superintendent.
C. A. A. J. MILLER.....	Assistant Superintendent.
HENRY S. WEST.....	Assistant to Superintendent.
JOHN H. ROCHE.....	Secretary.
FRANK N. CLARIDGE.....	First Assistant Secretary.
JOSHUA R. JOLLY.....	Second Assistant Secretary.
HENRY C. BUCKMASTER.....	Third Assistant Secretary.
BENJAMIN B. OWENS.....	Supervisor of School Buildings.
FLORA M. PFOUTZ.....	Clerk to Superintendents.
GRACE-BLACK MORTON.....	First Asst. Clerk, Supt's Office.
LILIAN E. THOMAS.....	Clerk, Superintendent's Office.
BERTIE BAUM.....	Clerk, Superintendent's Office.
ALICE A. WHITE.....	GIFT Clerk, Superintendent's Office.
MIRIAM GRAHAM.....	Clerk, Attendance Department.
CHARLES W. BRAUN.....	Clerk to Supervisor.

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THE PUBLIC SCHOOL SYSTEM OF BALTIMORE.

The Educational Chapter of the Baltimore City Charter, adopted in the year 1898, provides for a Board of School Commissioners, a Superintendent of Public Instruction, and one or more assistants, a Supervisor of School Buildings, and School Visitors, one or more for each school. It provides for a separation of educational from business affairs and lays down the broad principles upon which both are to be conducted.

The Board of School Commissioners consists of nine members appointed by the Mayor for terms of six years, the terms of three of them expiring every two years. They serve without pay. They are chosen by the Mayor "from among those he deems most capable of promoting the interests of public education, by reason of their intelligence, character, education and business habits." In their appointment ecclesiastical and party ties are not regarded and the schools are thus entirely removed from the field of political and religious differences.

The Board's powers include the appointment of a Superintendent of Public Instruction and his assistants, and all other officers, clerks and employees, with the right to remove them at pleasure; to confirm or reject all nominations of teachers made to it by the Superintendent of Public Instruction from graded lists; to remove teachers on the recommendation of the Superintendent, after trial; to fix salaries of all officers and employees within the aggregate amount appropriated by ordinance of the Mayor and City Council; to advise the Inspector of Buildings with regard to plans for new school buildings

disciplinary and executive matters the principal is assisted by one vice-principal in each building. Each teacher is directly responsible to the principal and each principal is directly responsible to the superintendent.

The public schools are classified as kindergartens, enrolling children who are not quite ready for regular grade work; elementary schools, covering eight years' work; and secondary schools, providing four years' work. Pupils are classified according to working power, so that they may advance through the course at their normal rate of speed. Many pupils complete the elementary course in seven years, and even in six years, and the secondary school work in three or three and a half years; others require the average time; and still others more than the average time.

In the schools known as English-German schools (nine in number), German may be begun in the first year and continued throughout the course.

At the end of the sixth school year, at about the age of twelve years, pupils who have done well up to that point, may take up, in centrally located classes, the study of Latin and a modern language in addition to their other studies. In addition to the regular English work of the seventh and eighth grades, these classes complete first year English of high school grade. The credits thus earned by pupils in the last two years of the elementary school are made a part of their high school record, and count toward the high school diploma.

Ungraded classes are maintained for pupils who, temporarily, cannot work to advantage in regular classes. No stigma attaches to enrollment in ungraded classes. The instruction is carried on by especially skillful teachers, who receive a moderate addition to the regular salary for their services.

Evening schools are maintained during six months of the year with sessions three evenings each week.

The School Attendance Department employs twelve Attendance Officers, who work under the direction of the Second

Assistant Superintendent. A Parental School is maintained for the continuous care of habitual truants committed to it by the Juvenile Court.

Sewing is taught by special teachers to girls in grades three to eight, inclusive, except the seventh. Drawing is taught in every grade, both in the elementary and high schools. In the elementary grades the instruction in drawing is given chiefly by the regular teachers under the direction of a supervisor and several assistants. Cooking is taught to girls of the sixth and seventh grades in nearly all of the schools. It is the purpose of the Board to extend this feature of school work to include the eighth grade. Elementary manual training is carried on in connection with drawing in the lower and intermediate grades. Shops are provided at central points, in which boys of the sixth, seventh and eighth grades work at the bench for an hour and a half each week, while the girls are in the cooking schools or engaged in sewing.

Music is taught throughout the entire course, from the first grade to the twelfth. In the elementary grades the instruction is given by the regular teachers under the direction of a supervisor of music and three assistants.

Physical training is conducted in all the elementary school-rooms by the regular teachers under the guidance of the supervisor and his assistants. The supervisor personally instructs classes in the teachers' training schools. He also exercises general supervision over the gymnastic work in the high schools.

Five high schools are maintained at public expense. The Baltimore City College for boys, and the Eastern and Western High Schools for girls have almost identical programs of study. They aim to furnish pupils whose school life will end with the secondary school, a sound fundamental education; to give those who mean to devote themselves to teaching in the elementary schools the proper general training preparatory to

the special course in the Teachers' Training School; to afford those who seek it special preparation for entering college. To attain these ends, carefully planned courses of study are offered in English literature and composition, in other languages and literatures, in mathematics, in science, in history, in commercial branches, in drawing, and in physical culture.

The Baltimore Polytechnic Institute belongs to that class of institutions known elsewhere as manual training high schools. It was the second institution of its kind in the United States to be supported at public expense. Besides giving to students a sound general education, it aims to give boys that helpful and highly valuable manual training which broadens education and conduces to dexterity, contrivance and invention. To this end, the time usually devoted to Greek and Latin is in this school employed, during two years of the course, in carpentry, sheet metal work and light forge exercises. These exercises cover what is known as manual training, and are given with special reference to their educational value. The school undertakes to give pupils in the third and fourth years such studies in mathematics, physics and chemistry, and such mechanical exercises in applied manual training, as will fit them for teaching in manual training schools, for immediate and remunerative employment in the drafting room, or for engagement in the wide field of electrical and mechanical engineering, or for entrance to advanced standing into an institution of technology, should a higher technical education be desired.

The Colored High School admits to its classes both boys and girls. The courses of study followed are similar to those offered in the other secondary schools, differing chiefly in the wider opportunity given to girls to choose industrial work, such as cooking, dressmaking and millinery. The courses in manual training for boys are similar to those given in the Baltimore Polytechnic Institute.

The training of teachers is without question the most important single feature of the school system. Two training schools are maintained, one for white teachers and one for colored teachers. From seventy to eighty new teachers are needed in the elementary schools each year to provide for the annually increasing enrollment of children, and for withdrawals from the service. The rules of the Board fix two years' training after high school graduation as a condition of eligibility to appointment.

The first year of the training school course is devoted to the study of the history of education, psychology, general and special method; and to observation of good teaching, with some closely supervised practice in actual teaching. The second year is devoted largely to actual teaching, though the work in theory is continued. In the second year of the course the students receive compensation for the actual service rendered in teaching. They take charge of schoolrooms and work under the immediate direction of practice teachers. Each practice teacher is responsible for the progress of classes of children in two schoolrooms, and thus has under her immediate direction two normal school pupils. A Supervisor of Practice, aided by several assistants, visits all rooms in which training school pupils are teaching and aids both practice teacher and pupil teacher by her advice. The supervisor continues to render assistance to newly trained teachers while they serve as substitutes before appointment as regular teachers.

Since the City Charter requires all candidates for positions as teachers in elementary schools to enter the service through a competitive examination, students are not graduated from the training schools; but the examination which they and others take is professional, covering, as far as possible, the training school course. The names of those passing the examination are at first arranged on a preliminary list, in the order of their averages in this examination; and they receive preference in this order in substitute work. As, however, they

do not always develop skill in actual teaching in this order, they are drawn from this preliminary list and placed on the graded list in the order in which they develop power as teachers, their places on the graded list being determined by two elements which are combined in a final average. These two elements are the mark obtained in the professional examination and that given as the value of the practical work in the schoolroom. Teachers are nominated for election in the order in which their names appear on the graded list.

REPORT OF THE
PRESIDENT OF THE BOARD OF SCHOOL
COMMISSIONERS.

OFFICE OF THE BOARD OF SCHOOL COMMISSIONERS,

BALTIMORE, December 31, 1910.

HONORABLE J. BARRY MAHOOL,

Mayor of the City of Baltimore.

SIR—The Board of School Commissioners respectfully submit the Eighty-second Annual Report, showing the condition of the Public Schools of the City of Baltimore during the year ending December 31, 1910.

The Board is glad to report a decided improvement in the physical condition of the schools in the City of Baltimore during the year ending December 31, 1910. We have to report the completion of several first-class school buildings, the acquisition of additional lots and the appropriations which have been made to build first-class buildings upon them out of the School Loan approved during the past year.

This Board has, on a former occasion, announced its policy to be: That in future all school buildings should be built upon lots sufficiently large to secure light, air and a proper area for playgrounds, if possible. This plan has been carried out by the Board, and from this report it will be seen that the new buildings, which have been erected and the new buildings which are proposed to be erected, are to be placed upon lots sufficiently large to protect them from being interfered with by the erection of buildings so close that it would destroy them for the purposes for which they are erected.

The Board feels that school buildings should be used, not only by the children, but should be used for all educational purposes. It is a recognized fact, that one of the most important factors in education is, that the parents should aid by home influence; it has been deemed advisable, therefore, in all these new buildings, to provide a hall which could be used for the purpose of delivering lectures and instructions to the parents, as well as to the children; in fact, to make the public school building a center for all educational purposes.

We report the following modern buildings as having been completed, or in course of construction, for the year past:

BUILDINGS WHICH HAVE BEEN COMPLETED.

School No. 59, Reisterstown Road and Fifth Avenue—Lot 180 feet on Fifth avenue, or east side, with a depth of 294 feet 7 inches. The building is a first-class, modern school building in all its appointments. It contains 24 rooms of standard size, with an assembly hall in basement having a seating capacity of between 500 and 600, and a large manual training room and cookery. Each classroom has a cloakroom and book and stationery cupboards. The toilets for the children are in the basement, and for teachers on the upper floors. Building is heated by steam and ventilated by blower fans. A vacuum cleaning system, operated by electric motor, has been installed. A semaphore, or fire alarm signal, has been placed in each classroom. Electric gongs, operated from the principal's office, have been installed for use during fire drills and for recess calls, school assembly and dismissal. Drinking fountains have been provided at convenient points. There is one fire-proof stairway at each end of the building, and one about the center of the building. Cost of lot and building is \$139,658. The building was occupied in November. Photographs of the building and floor plans were taken and are to be filed.

A full description of this lot and building is given to exemplify what constitutes a modern school building. The report of the Supervisor of School Buildings will contain a list of each particular property owned by the city, used for school purposes, in detail. The object of this is to have in one place a complete description of our schools, and afford a comparison of existing conditions with modern and up-to-date requirements.

School No. 86, Southwest Corner Payson and Mulberry Streets—Lot 160 feet by 150 feet; the cost of this building, together with the old, was \$147,437. This is one of the handsomest school buildings in the city.

Western High School—An addition has been erected on Lanvale and McCulloh streets upon the lot purchased fronting on McCulloh street 100 feet and on Lanvale street 90 feet. This is a very handsome and needed addition to the Western High School. The city owns all the property in this square except the lot on the corner of Madison avenue and Lanvale street; the acquisition of this lot would place in the hands of the city the entire block. This property should be acquired as it comes into the market, from time to time, as, in the opinion of this Board, the acquisition of the balance of the block would add greatly to the value of this property.

BUILDINGS NOW UNDER CONSTRUCTION.

School No. 2, Stiles and Gough Streets—Old lot 75 feet by 92 feet, new lot 145 feet by 92 feet, the entire lot will now be 220 feet by 92 feet. When completed this building will be a 24-classroom schoolhouse of thoroughly modern design and equipment. It is expected to be completed September, 1911.

School No. 51, Windemere Avenue, Waverly—Lot from east to west 300 feet, from north to south 240 feet, with an

area of nearly 72,000 square feet. The building on this lot will be completed for occupancy about September, 1911. The building covers an area of about 12,000 square feet, leaving a playground area of 60,000 square feet, or a full 50 feet for each 1,200 pupils. The building is designed to be modern in all its appointments.

School No. 60, Francis and Clifton Streets—An additional lot of 61 feet 6 inches by 150 feet was purchased, which increased this entire lot to 108 feet 6 inches by 150 feet. When the improvements are completed, it will make this school a building of 24 rooms.

School No. 6, South Ann Street—An additional lot of 117 feet by 144 feet has been acquired, making the total lot 180 feet by 144 feet. Some question has arisen as to the advisability of placing a 24-room building upon this lot; pending the settlement of the question in regard to the building, the work of erection has been postponed.

School No. 70, William Street and Warren Avenue—Ground has been purchased on William, Hamburg and Hope streets at a cost of \$35,083.63, thus completing the lot and increasing the total size of the school to 182 feet 9 inches by 140 feet. Drawings have been prepared for a modern 24-classroom building; contract has not yet been let.

Baltimore Polytechnic Institute, North Avenue—A lot was purchased on North avenue, size 726 feet by 303 feet, at a cost of \$345,000. It was found upon inspection that none of the buildings could be utilized save the main building, which was altered and arranged so as to provide classrooms and shops. These alterations cost \$30,000, and the building is so altered as to form a part of the scheme of building designs prepared by Baldwin & Pennington. Plans and designs for this building were approved by the Architectural Commission, submitted to the School Board and approved by it. The great recommendation that this lot had to the committee appointed to select

the lot was the fact that it contained about six acres of land without being intersected or interfered with by any streets. This is the chief inducement which caused the commission to select the lot purchased by it for the Polytechnic Institute. The section which is proposed to be constructed will accommodate about 1,200, ultimately to be enlarged to accommodate 1,900 students.

It is to be regretted that some agitation has been started, which contemplates the opening up of Calvert street through this property. In the opinion of this Board, this would entirely do away with the advantages which recommended this lot to the committee which purchased it and the Board which sanctioned it. Quoting from a letter of the chairman of the Architectural Commission, we find the following:

"Referring to the efforts being made to open Calvert street in a straight line through the Polytechnic property, I beg to say that, in my judgment, this would not only invalidate the work of the architects who have been commissioned to design the buildings for this school, and whose designs have long since been approved by the School Board as well as the Architectural Commission, but would invalidate the use of the property for the purposes for which it was purchased.

"The topography of this lot of about six acres so lies that if this street were to be cut through the property on the present grade of Calvert street, in addition to making the strip of land west of the street thereby cut off of the property practically worthless, as the strip would not be deep enough for the erection of houses facing Calvert street, but would also entail an enormous amount of grading on the east side of the proposed extension of Calvert street; and, even if this grading be done, the present base lines of the old building to which it is designed to adhere in the construction of the improvements, would be so elevated from Calvert street as to make the property unfit for playground purposes.

"The usefulness and beauty of this property for the Polytechnic schools lie in its elevation and topographical features in its entirety. To cut a street through the property as proposed would leave an irregular elevated plot of insufficient size for the proper placement of the necessary buildings and would turn what promises to be one of the city's best investments in school property into an extravagant waste of opportunity."

Quoting from a letter of the architects, we have the following:

"The plans as now prepared, authorized by your Commission and approved by the School Board, which are in the hands of the City Building Department for taking bids, would all be entirely useless if such change as suggested is carried out. We are of the opinion that the city would not be justified in undertaking the erection of this building unless at least so much of the property could be used as is now contemplated by the plans approved by your Commission and the School Board. While the floor area required could be provided on the curtailed lot, in our opinion it could not be provided in such manner as to justify the erection of a building on such lines. The present plans provided for accommodations most suited for their purpose, with ample light and air on all sides and the very important surrounding of grass and trees. If the old building is to be retained and the space required for carrying out the approved plan is not availed, we suggest you consider the wisdom of disposing of this lot and procuring another suitable for the construction of a building planned on most modern lines for the accommodation of this very important department of educational system."

The Board gave its full consideration to the question as it considers it one of the most important matters to be brought to your Honor's attention. To gratify the wishes of the few people who are desirous of having Calvert street cut through in a straight line would result in a very material loss to the entire City of Baltimore, by destroying the result of this effort to provide a suitable home for one of its most important educational features; it is to be hoped that all efforts in this direction will be abandoned. The Board claims that when this lot is improved, as it proposes to improve it, the property holders will see that their interests have been fully protected, as far as is consistent with the primary object for which the lot was acquired.

A much needed loan of \$1,500,000 is now available to be used toward placing our school buildings, especially the elementary schools, in proper physical condition. The list filed with the report of the Supervisor of School Buildings will

give a detailed account of each lot now used for school purposes and the building thereon. While, as we have stated, there has been a marked improvement in the physical condition of the schools, due to new buildings and by the adoption of a systematic method of making repairs, we are far from having an ideal condition in regard to the physical surroundings of our school children. We have 135 or 136 buildings used for school purposes, many of them unfit for the purposes for which they are used. The \$1,200,000, which is available for elementary schools out of the \$1,500,000, will enable the School Board to replace some of these buildings with modern, first-class buildings. It has been determined to purchase a large lot on Scott and Hamburg streets to take the place of No. 22. The city will acquire this lot at a cost of between \$60,000 and \$70,000. The cost of a modern 24-room building is about \$150,000, so it may be safely said that we cannot acquire a proper lot and building, in the old portion of the city, for a first-class 24-room building for less than \$200,000.

The policy of the Board is to acquire in the outlying sections of the city very large lots, for we consider that the increase of value in these lots will more than make up for the depreciation of the building, and thus prove a good investment for the city.

We suggest that copies of this report be delivered to all the different societies or institutions that are interested in the development of the city, so that the people who are interested in the city's welfare should know much more accurately than they seem to know, the actual physical condition of their property. It is the Board's opinion that while, as shown by the vote for the School Loan, the public is deeply interested in the question of public education, it is very important that they should have a full knowledge of the physical conditions; they should be familiar with the system of education which has been adopted, following out the broader lines adopted by modern cities, as we can expect the public to endorse our action only when they are fully cognizant of what is being done, and how it is being done.

We have devoted most of this report to the physical condition of the properties under the charge of the School Board; we feel it, however, incumbent upon us to refer to certain conditions which exist, and which have been somewhat emphasized during the past year. As is always the case, in conducting a large system in which the public is interested, and which must necessarily be so closely interwoven with the life of the people as the Public School System is, that there is more or less criticism, and many people express their dissatisfaction with the methods and manner in which the work is done. A great deal of this criticism is due to ignorance, some of it is due to the fact that certain people are interested in obtaining a control which they may not now possess over the expenditure of public money, who are desirous to connect the school system with politics.

It has been said that one of the chief objections to public education is, that it does not prepare a child to fill the position it must occupy in the battle of life; in other words, it is not practical. It must be conceded that the majority of our people must fill subordinate positions, the masses must constitute the hewers of wood and drawers of water, they must make their living with their hands, the best education for them is one that will enable them to work intelligently.

This criticism when applied to the elementary schools, when it is stated that a boy who leaves school at fourteen years is not qualified to take up any vocation, is unreasonable; to expect any system to accomplish this at such an age is to expect the impossible. If at that age his intellect has been stirred, and he has been taught to think, the result is as much as can be expected.

The question of a vocational training in the mechanical arts is one which is entitled to some consideration. The construction of large school buildings will place at the disposal of the School Board buildings which might be utilized for the purpose of enabling young men who wish to become good carpenters, iron workers and mechanics to take advantage of

instruction in these arts. While not prepared to advocate this departure from the present system, it is a question that may have to be met by the Board, in order to fill what is apparently a cry for a practical or vocational training, but it is the opinion of the Board that no material change can be made in the present system in the education of children under the age of fourteen years. There can be no doubt, however, that as no human system is perfect, there must necessarily be cases in which the criticism is just, where there are, and must necessarily be, faults. It is fair to say, however, that this criticism seems to become more acute in periods of time. Apparently, ten years is about the period fixed upon by people who have made this a subject of inquiry.

Looking back at the career of the public schools in the City of Baltimore, in 1880 we find that this criticism and discontent culminated in that year with the appointment of a committee called "The Latrobe Commission" composed of some of our most capable citizens, and that they made a most exhaustive report upon the subject, admitting that the condition of the school system was at that time, unquestionably, defective, and they suggested new lines, in which an effort was to be made, as they expressed it, "to induce children to think." From that time on, adopting this as the keynote of the system, changes have been made to carry out the suggestions of this committee. In 1900, shortly after the Charter was adopted, this system, which had also been adopted in the leading cities of the United States, became actively in force. It is the belief of the Board that the system is progressive and is proceeding along the right lines, and is a vast improvement upon the old method of education. It must be conceded, however, that the matter of education is an expert question, and one which it cannot be expected that a Board of School Commissioners could be competent, themselves, to outline, prepare and carry out. They must necessarily depend upon persons who have been educated in this particular line.

It has, therefore, be deemed expedient to have questions of the curriculum and method passed upon by experts on this subject.

It is to be hoped that the result of this investigation will have a good effect upon the public, by giving to it the benefit of the opinion of persons who are competent and disinterested. The School Board believes, however, in the language of one of its members, "that in comparing the two systems, it is the old struggle between the new and progressive things and things obsolete and antiquated."

STATISTICS.

	1909	1910
Average attendance.....	55,011	55,103
Average number belonging.....	61,878	61,734
Total roll.....	80,263	79,838
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Number of pupils enrolled during year, high schools,	4,472	
Number enrolled in the elementary schools.....	75,366	
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Total number enrolled in the day schools during year...		79,838
Number of pupils enrolled in night schools during year...		8,441
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Aggregate number of all pupils attending school during year,		88,279
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Average attendance for the year ending December 31, 1910,		
high schools.....		4,037
Average attendance for the year, elementary.....		51,066
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Total average attendance.....		55,103
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Average number "belonging" for the year, high schools...		4,273
Average number "belonging" elementary.....		57,461
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Total average "belonging".....		61,734
Number of pupils attending night schools, December 31, 1910,		3,037
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Number of high schools.....	5	
Number of elementary schools.....	103	
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Total number of schools, including 19 branches and annexes,		108
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SCHOOL COMMISSIONERS.

21

Number of teachers in high schools, including principals...	169
Number of teachers, elementary, excluding principals.....	1,468
Number of supervising principals.....	24
Supervisors and special teachers:	
Music	4
Drawing	11
Sewing	31
Cookery	14
Manual Training.....	14
Physical Training.....	3
	<hr/>
Total number of teachers.....	1,738
	<hr/> <hr/>
Average annual salary of teachers during the year.....	\$754 27
Average per capita cost of education in all of the schools, based on the number of pupils belonging December 31, 1910,	24 17
Average per capita cost in night schools, based on the at- tendance of December 31, 1910.....	7 33
Average cost per pupil in the secondary schools.....	62 17
Average cost per pupil in the elementary schools.....	21 50
Average cost per pupil in the Baltimore City College.....	82 84
Average cost per pupil in the Eastern High School.....	48 92
Average cost per pupil in the Western High School.....	39 86
Average cost per pupil in the Polytechnic Institute.....	87 34
Average cost per pupil in the Colored High School.....	56 20
	<hr/> <hr/>
The estimate submitted and the amount appropriated by the City Council for current expenses for 1910 was....	\$1,712,313 00
Balance from 1909 for text-books.....	13,928 53
The amount received from the State for books (for one quarter) was.....	14,095 78
Balance from 1909 for high school commercial courses...	7,089 85
From the State for high school commercial courses (for one quarter).....	2,500 00
The amount to credit of intestate estates, January 1, 1910, was.....	1,902 86
From intestate estates.....	5,471 49
	<hr/>
Total for current expenses.....	\$1,757,301 51
Amount expended.....	1,728,823 40
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Amount unexpended.....	\$28,478 11
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SCHOOL ATTENDANCE, DEPARTMENT AND PARENTAL SCHOOL.

Number of cases investigated.....	45,827
Number of absentees	38,758
Number of truants	1,331
Number of non-attendants put into school.....	329
Number of special cases.....	4,404
Number of visits to homes.....	44,498
Number of visits to schools.....	7,245
Number refused permits to work.....	904
Number of magistrate cases.....	51
Number of prosecutions before the Juvenile Court.....	50
Number committed to the Parental School.....	45

Very respectfully,

JOHN E. SEMMES,
President of the Board of School Commissioners.

In Memoriam.

The following named teachers died during the year:

January 26—MARY W. STORKE.

January 26—MARGARET LEGG.

January 26—ALBERT D. CLARKE.

February 9—SUSAN H. BOWEN.

February 23—REGENDIA WARING.

May 25—HEBER E. WHARTON.

September 14—MARY E. BURTON.

SECRETARY'S STATEMENT

OF THE

ACCOUNTS OF THE PUBLIC SCHOOLS FOR 1910.

The amount appropriated by the Mayor and City Council for the current expenses of the schools for 1910 was		\$1,712,313 00
Amount from State for free text books.....		14,095 78
Amount brought forward from 1909.....		13,928 53
Amount from State for High School commercial courses		2,500 00
Amount brought forward from 1909.....		7,089 85
Amount to credit of Intestate Estates, January 1, 1910		1,902 86
Amount from Intestate Estates during 1910.....		5,471 49
Total		\$1,757,301 51
Amount expended.....		1,728,823 40
Amount unexpended, carried forward to 1911		\$28,478 11

Itemized as follows:

OFFICE SALARIES.

Amount appropriated.....	\$9,200 00
Amount expended.....	9,200 00
Amount unexpended.....	.....

OFFICE EXPENSES.

Amount appropriated.....	\$1,500 00
Amount expended.....	1,500 00
Amount unexpended.....	.....

DAY SCHOOL SALARIES.

Amount appropriated.....	\$1,455,922 00
Amount expended.....	1,455,922 00
Amount unexpended.....	.....

DAY SCHOOL EXPENSES.

Amount appropriated.....	\$168,470 00
Amount expended.....	168,470 00
Amount unexpended.....	<u> </u>

NIGHT SCHOOL SALARIES.

Amount appropriated.....	\$21,321 00
Amount expended.....	19,634 35
Amount unexpended—paid into General Fund, City Treasury.....	<u>\$1,686 65</u>

NIGHT SCHOOL EXPENSES.

Amount appropriated.....	\$4,500 00
Amount expended.....	2,657 01
Amount unexpended—paid into General Fund, City Treasury.....	<u>\$1,842 99</u>

FREE TEXT-BOOKS.

The amount brought forward from 1909 for account of Free Text-Books was.....	\$13,928 53
Amount received from the State October 1.....	14,095 78
Total.....	<u>\$28,024 31</u>
Amount expended.....	28,024 31
Amount unexpended.....	<u> </u>

EQUIPPING NEW BUILDINGS.

Amount appropriated.....	\$41,400 00
Amount expended.....	31,115 28
Amount unexpended, carried forward to 1911.....	<u>\$10,284 72</u>

INTESTATE ESTATES.

Amount to credit, January 1, 1910.....	\$1,902 86
Amount received during 1910.....	5,471 49
Total.....	<u>\$7,374 35</u>
Amount expended.....	2,525 08
Amount unexpended, carried forward to 1911.....	<u>\$4,849 27</u>

HIGH SCHOOL COMMERCIAL COURSES.

Amount brought forward from 1909.....	\$7,089 85
High School Commercial Courses, appropriated by State.....	2,500 00
Total.....	<u>\$9 589 85</u>
Amount expended.....	4,062 90
Amount unexpended—carried forward to 1911.....	<u><u>\$5,526 95</u></u>

PARENTAL SCHOOL.

Amount appropriated.....	\$10,000 00
Amount expended.....	5,712 47
Amount unexpended—paid into General Fund, City Treasury.....	<u><u>\$4 287 53</u></u>

Average annual salary of High School teachers.....	\$1,281 26
Average annual salary of Elementary School teachers.....	<u>699 74</u>

The per capita cost, as here given, is based on the expenditure and the number of pupils belonging, including temporary withdrawals, December 31, 1910.

PER CAPITA COST.

For all the schools.....	\$24 17
“ “ “ Secondary Schools.....	62 17
“ “ “ Elementary Schools.....	21 50
“ “ “ Night Schools.....	7 33

Itemized:

For Baltimore City College.....	82 84
“ Eastern High School.....	48 92
“ Western High School.....	39 86
“ Baltimore Polytechnic Institute.....	87 34
“ Colored High and Training School.....	56 20
“ Group A.....	19 73
“ “ B.....	17 70
“ “ C.....	19 09
“ “ D.....	17 81
“ “ E.....	16 87
“ “ F.....	20 40
“ “ G.....	21 38

For Group I.....	21	31
“ “ J.....	20	43
“ “ K.....	22	69
“ “ L.....	21	42
“ “ M.....	25	25
“ “ N.....	20	17
“ “ O.....	18	25
“ “ P.....	20	87
“ “ Q.....	19	81
“ “ R.....	25	57
“ “ S.....	25	89
“ “ U.....	26	21
“ “ V.....	21	52
“ “ W.....	22	96
“ “ X.....	15	17
“ “ Y.....	16	18
“ “ Z.....	14	59

The following tables show:

- Table A. Itemized expenditures, etc.
- Table B. The location of schools, cost, etc.
- Table C. Rented buildings, locations, etc.

JOHN H. ROCHE,
Secretary.

TABLE A.
ITEMIZED EXPENDITURES OF THE SEVERAL SCHOOLS AND GROUPS.

NAMES.	DISTRIBUTION OF CHARGES.										TOTALS.
	Salaries.	Rents.	Classroom Supplies.	Fuel.	Incidentals.	Furniture.	Repairs.	New Equipment.	Equipping New Buildings.	Text Books.	
Office	9,200 00		\$375 79	\$150 21	\$932 78	\$7 00	\$64 22				\$10,700 00
General Expense.....	54,442 45		2,451 82	543 00	2,868 70	56 60	140 82			\$476 04	60,979 43
Drawing	8,612 84										8,612 84
Sewing	17,828 74										17,828 74
Physical Culture.....	3,970 50										3,970 50
Training School (White)	7,953 89		143 49		28 41	51 35				389 25	8,566 30
Training School (Colored)	6,094 55		77 60		6 15					425 36	6,603 66
Baltimore City College.....	61,635 49	\$1,200 00	6,098 79	842 78	837 41		289 52	\$560 00		4,235 79	75,699 78
Eastern High School.....	36,992 78		1,297 74	959 35	2,311 33	232 00	33 62			2,245 94	44,081 26
Western High School.....	39,050 24		1,933 99	677 93	746 43	50 72	198 61	8 50		\$16,351 48	61,719 16
Baltimore Polytechnic Institute.....	65,578 12		5,707 08	880 89	1,494 98		299 83	357 65	1,938 15	3,205 79	79,462 49
Colored High School.....	29,822 81	1,075 00	2,821 16	468 12	675 06		225 62	344 80		1,672 57	37,105 14
Group A	55,353 84		1,555 79	1,401 13	812 51		426 56			1,720 95	61,270 78
B	42,098 25		1,064 55	930 69	617 54		118 40			1,665 13	46,404 56
C	41,017 33		898 60	1,269 00	345 34	19 80	55 15			1,456 34	45,061 56
D	41,153 97	960 00	1,044 59	1,033 74	285 64		162 66			1,989 85	49,630 45
E	50,703 14		1,201 47	1,715 67	524 17	15 75	523 06			3,003 01	57,686 27
F	54,741 31	1,220 00	1,277 92	1,017 31	513 54		84 03			1,874 83	60,728 94
G	48,251 09		1,450 15	1,717 81	616 65		23 24			1,990 56	54,049 50
I	57,419 12		1,563 46	1,678 87	546 03	31 02	92 95	23 02		2,700 32	64,054 77
J	49,812 18	102 50	1,317 58	1,842 84	342 80	9 00	144 59			1,849 92	55,421 32
K	53,095 68	645 00	1,251 10	1,912 20	486 62	15 50	677 04			1,911 13	59,994 27
L	13,404 62	75 00	489 76	591 01	83 58		75	3 73		569 03	15,217 48
M	54,070 63		1,636 35	1,976 65	839 49		128 63	2 49		2,330 23	60,978 38
N	43,371 28		987 72	1,074 19	419 52		303 98			2,635 89	48,792 58
O	40,456 09		1,003 25	1,900 37	334 91		26 25		6,392 95	1,551 25	51,665 07
P	47,713 55		1,526 67	1,526 09	378 86	64 85	87 00			1,739 04	53,036 06
Q	45,495 42		1,132 25	2,148 32	341 67		573 34			1,917 05	51,608 05
R	54,116 35		1,850 13	2,661 02	438 31		78 85	59 52		2,834 30	62,038 48
S	53,033 43		1,603 19	1,775 51	441 27	22 80	167 43			1,953 18	58,996 81
U	53,481 67		1,541 96	3,216 93	843 93	54 55	69 37	3 67		2,950 25	62,161 43
V	45,946 96	954 00	1,211 40	1,983 61	664 46		133 96		6,432 70	3,182 25	60,509 34
W	35,268 02	1,100 00	1,078 42	1,600 90	275 75		187 84	8 76		1,223 02*	40,742 71
X	53,707 88	1,135 00	2,003 88	1,747 09	333 21		208 90			3,860 71	62,996 67
Y	42,648 83	1,265 00	1,459 26	1,063 06	309 22	66 93	349 98	38 00		2,451 09	49,651 37
Z	40,566 49	611 00	1,461 88	586 89	361 23	44 70	492 97	14 25		1,700 73	45,780 14
Night Schools.....	19,634 35		1,309 97		1,059 70		4 85			385 86	22,394 73
Parental School.....	3,825 92	600 00	201 63	218 56	1,079 57	13 50	15 20				6,557 38
Attendance Officers.....	9,005 00										9,005 00
Grand Total.....	\$1,490,514 81	\$10,942 50	*\$54,027 30	\$43,080 84	\$23,766 77	\$756 05	\$6,389 13	\$1,424 30	\$31,115 28	\$66,806 42	\$1,728,823 40

For current expenses deduct the amount for Equipping New Buildings, New Equipment and \$1,310.81 from Incidentals..... 33,850 39
 Current expenses..... \$1,694,973 01

*Which includes the expenditure of \$30,703.31 for stationery.

TABLE B.

[PAGE 29]

SCHOOLS.	LOCATIONS.	Erected.	Class Rooms	Size of Lot.	Size of Building.	Ground Rent.	Cost.	
							Lot.	Building.
Balto. City College....	Howard st., opp. Centre.....	1896	28	208 6 x 245	24,155 sq. ft.	{ \$2,100 00 1,500 00 }	\$66,666 66	\$203,639 00
Eastern High School.	Broadway and North ave.....	1904	32	189 x 200	186.8 x 194.6	.....	31,679 37	365,506 54
Western High School	McCulloh st. and Lafayette ave.	1895	25	{ 230 x 97.9 230 x 140.8 100 x 90 }	Entire bldg. 320 x 80	.....	.....	.....
	Old lot and building.....	1895					30,666 66	132,000 00
	Administration building and lot	1895					40,000 00	.....
Polytechnic Institute	New lots and building.....	1910	29	182.3 x 90	9,892 sq. ft.	220 00	18,650 00	158,637 36
	Courtland, nr. Saratoga (old)....	1868					34,237 75	43,000 00
Annex	Courtland, nr. Saratoga (new)....	1890	16	726 x 393	.....	.....	345,932 60	for lot & bldgs.
Colored High School	North ave.....	1910	26	{ 80 x 144.6 110 x 44.6 }	56.4 x 138	.....	15,000 00	26,000 00
C. H. School Shops...	Penn. ave. and Dolphin st.....	{ 1893 1901 }					4,125 00	.....
School No. 1.....	N. E. cor. Fayette and Greenests.	1880	18	97 x 102	{ 96 x 60 22 x 30 }	{ 204 00 150 00 }	9,000 00	25,000 00
“ “ 2.....	{ Gough and Stiles sts. (old).....	1854	13	70 x 92	32 x 53	200 00	4,333 33	9,000 00
“ “ 3.....	{ Gough and Stiles sts. (new).....	1910	24	145 x 92	80 x 151	.....	24,252 17	Now under const.
“ “ 4.....	Eastern and Montford aves.....	1880	16	100 x 150	52 x 136	350 00	.....	24,000 00
“ “ 5.....	{ Hanover and Lee sts.....	1896	16	{ 50 x 104 128 x 76 }	Avg. 90 x 60	135 00	{ 3,500 00 18,000 00 }	35,000 00
	{ Hanover and Lee sts. (addition)	1910					6,689 50	.....
“ “ 6.....	Broadway and Ashland ave.....	1876	16	120 x 120	56 x 120	600 00	.....	18,000 00
“ “ 7.....	{ Ann st., nr. Canton ave. (old)...	1878	.....	{ 45 x 140 181 x 80 20 x 60 }	.....	90 00	{ 2,500 00 4,600 00 }	Old bldg. demolished
	{ Ann st., nr. Canton ave. (new)	1909		120 x 144	.....	.....	23,996 16	.....
	Mullikin st., nr. Aisquith.....	1864		11	75.9 x 100	45 x 64	540 91	2,651 50

TABLE B—Continued.

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SCHOOLS.	LOCATIONS.	Erected.	Class Rooms.	Size of Lot.	Size of Building.	Ground Rent.	Cost.	
							Lot.	Building.
School No. 8	Caroline st., nr. Lombard.....	1888	14	{ 105.5 x 150 (nearly)	90 x 58	\$114 00	\$6,200 00	\$18,000 00
" "	9..... S. W. Cor. Fayette and Greene sts	1875	18	{ 77.6 x 170 (nearly)	65 x 128	1,094 75	.....	27,000 00
" "	10..... { Hollins st., near Schroeder..... Addition, lot, new building.....	{ 1855 } { 1905 }	12	143.8 x 134	75 x 132	200 00	18,817 71	75,099 02
" "	11..... Gilmor and Mosher sts.....	{ 1886 } { 1889 }	20	126.3 x 166.10	{ 60 x 108 } { 57.9 x 105 }	.....	12,616 66	42,000 00
" "	12..... Barre and Warner sts.....	1870	14	67 x 120	80 x 50	268 00	.....	16,000 00
" "	13..... Patterson Pk. av. & McElderryst.	1890	12	155 x 106	55 x 105	.....	10,000 00	21,000 00
" "	14..... Linden ave. and Wilson st.....	1882	14	150 x 105	56 x 120	.....	14,000 00	21,000 00
" "	15..... { Saratoga st. and Carrollton ave. Addition	{ 1872 } { 1906 }	12	100 x 150	55 x 96	700 00	.....	24,000 00
" "	16..... Harford and Ashland aves.....	1876	12	105 x 180	56 x 113	790 00	.....	17,000 00
" "	17..... Light and Poultney sts.....	1875	10	62.1 x 122	50 x 76	217 00	800 00	16,000 00
" "	19..... Hollins st., nr. Monroe.....	1875	8	111 x 129.6	54 x 84	.....	17,250 00	18,000 00
" "	20..... Eden and Preston sts.....	1868	29	100 x 207	59 x 174	512 00	7,333 33	43,000 00
" "	21..... Pennsylvania ave. and Robert st.	1869	8	80 x 156	50 x 79	.....	10,983 33	16,000 00
" "	22..... Ramsay and Scott sts.....	1865	12	78 x 128	45.8 x 88	177 50	.....	15,000 00
" "	23..... Gough and Wolfe sts.....	1866	13	75 x 110	57 x 104	150 00	2,983 33	19,000 00
" "	24..... Fait ave. and Patuxent st.....	1890	12	150 x 100	70 x 86	.....	7,500 00	21,000 00
" "	25..... Bond st., nr. Canton ave.....	1867	16	110 x 129.6	{ 42 x 93 } { 50 x 66 }	.....	14,962 50	25,000 00
" "	26..... Orleans and Bond sts.....	1874	10	84 x 75	56 x 65	126 00	4,500 00	15,000 00
" "	27..... Fayette and Chester sts.....	1869	14	120 x 91.6	51 x 65	274 50	.....	18,000 00
" "	28..... Battery ave. and Clement st.....	1869	11	75 x 82	46 x 82	270 00	1,000 00	7,500 00

"	"	29.....	Sharp st., nr. West.....	1886	12	114 x 155	55 x 103	.....	9,500 00	21,600 00
"	"	30.....	Hollins st., nr. Monroe.....	1875	16	97.6 x 129.6	54 x 112	700 00	12,500 00	16,000 00
"	"	31.....	Schroeder and Pierce sts.....	1890	12	60 x 123.10	58 x 96	228 00	2,500 00	21,000 00
"	"	32.....	Guilford ave. and Lanvale st.....	1890	12	80 x 154	{ 67 x 54 47 x 41 }	.....	11,800 00	21,000 00
"	"	33.....	Light and Clement sts.....	1890	12	100 x 100	{ 67 x 53 48 x 41 }	01	10,000 00	21,000 00
"	"	34.....	Carey st. and Columbia ave	1896	12	100 x 160	58 x 120	.....	6,416 66	30,000 00
"	"	35.....	Hanover and Winder sts.....	1895	12	132 x 198	50 x 114	.....	6,700 00	28,297 00
"	"	37.....	Biddle st. and Patterson Park ave.	1895	12	150 x 165	65 x 89	.....	8,500 00	25,000 00
"	"	38.....	Chesapeake and Hudson sts.....	1853	4	80 x 100	32 x 60	.....	(Donated)	5,000 00
"	"	39.....	Carrollton and Riggs aves.....	1888	12	97 x 157	52 x 97	.....	7,000 00	19,000 00
"	"	40.....	Aisquith and Orleans sts.	1868	19	{ 180 x 39 210 x 102 }	{ 90 x 56 86 x 50 }	615 00	17,651 00	80,000 00
"	"	42.....	Broadway and Bank st.....	1888	20	100 x 141	{ 101 x 39 52 x 87 }	44 44	3,333 33	30,000 00
"	"	43.....	High st., nr. Fayette.....	1875	24	80 x 167	50 x 145	900 00	.....	28,800 00
"	"	43 Br....	124 and 126 North High st.....	1903	3	30 x 136.6	.....	.....	5,000 00	Including bldgs
"	"	44.....	Sharp st., nr. Montgomery.....	1869	14	100 x 155	54 x 104	600 00	.....	18,000 00
"	"	45.....	Greenmount ave. and Eager st....	1872	12	{ Average 77.8 x 152.8 }	{ 56 x 100 }	600 00	.....	17,000 00
"	"	47.....	Eastern ave. and Patuxent st.....	1897	23	144 x 300	{ 63 x 65 80 x 81 }	.....	16,683 33	50,000 00
"	"	48.....	Hollins and Monroe sts.....	1875	12	127.6 x 129.6	{ Average 51 x 110 }	700 00	.....	21,000 00
"	"	49.....	1205 Cathedral st., with Gymnas- ium on Maryland avenue.....	Bought 1908	13	{ Average 60 x 227.6 }	{ Average 60 x 70 36 x 50 }	.....	Lot and Bldgs.	60,000 00
"	"	50.....	Gorsuch av. & Tyler st., Homest'd.	1889	4	42 x 90	{ 27 x 52 11 x 20 }	.....	1,000 00	4,500 00
"	"	51.....	{ York road, Waverly..... New lots and building.....	1889 1910	16 24	{ 100 x 200 Average 236 x 242 }	{ Average 134 x 45 }	.....	4,000 00 13,371 18	14,500 00

TABLE B—Continued.

[PAGE 32]

SCHOOLS.	LOCATIONS	Erected.	Class Rooms	Size of lot.	Size of Building.	Ground Rent.	Cost.	
							Lot.	Building.
School No. 52.....	Oak and Twenty-fourth sts.....	1889	8	60 x 160	50 x 60		\$4,000 00	\$10,000 00
" " 53.....	St. Paul and Twenty-sixth sts.....	1897	} 16 {	100 x 123	123 x 64		10,000 00	60,000 00
" " 53.....	Addition lot.....			100 x 123	37 x 35		11,666 66	
" " 54.....	Huntingdon ave., nr. Charles st..	1890	12	} 100 x 150	150 x 70			18,000 00
" " 54.....	Addition.....	1902	8			7,000 00	20,000 00	
" " 54.....	Addition lot.....	1908		100 x 150			10,000 00	
" " 55.....	Chestnut and Fourth aves.....	1890	12	176 x 220	58 x 110		5,000 00	44,433 12
" " 55.....	Addition lot and building.....	1902	12	48 x 120	64 x 156		1,200 00	46,769 42
" " 55.....	"Pitt" lot.....	1910		175 x 225			6,075 68	
" " 57.....	Church st., nr. Merryman's lane...	1889	6	88 x 245.6	26 x 134		1,300 00	700 00
" " 58.....	Woodberry ave., Woodberry.....	1889	8	{ Average 40 x 130 }	37 x 96		375 00	10,000 00
" " 59.....	{ Reistertown road and Fifth ave. { (Irregular lot.).....	1910	24	195 x 349	{ Average 75 x 152 55 x 83 90 x 113 }		5,500 00	117,077 62
" " 60.....	Francis and Clifton sts.....	1893	25	120 x 150		\$30 00	7,500 00	35,539 00
" " 60.....	Lot.....	1909		61.6 x 150			5,186 13	
" " 60.....	Addition.....	1908						24,512 00
" " 60.....	Addition.....	1910			{ 39 x 135 27 x 90 }		On account	*22,786 87
" " 60 Br.....	Clifton st., nr. Penna. ave.....		6	40 x 150	40 x 90		Nominal	
" " 61.....	Linden ave. and Konig st.....	1897	18	165 x 150	64 x 136		19,250 00	54,000 00
" " 62.....	Walbrook ave and Smallwood st	1902	23	150 x 210	72 x 144		5,000 00	65,203 81
" " 63.....	Ninth and Northwest sts.....	1894	10	128 x 226.6	62 x 104		4,718 66	25,000 00
" " 64.....	Liberty rd. & Maine av., Forest Pk.	1905	8	192.6 x 323	63 x 85		6,000 00	43,167 05

65	{ Calverton, Bloomingdale road... Additional lot, Irregular.....	1893 } 1908 }	10	{ 76 x 169 215.3 x 171.10 }	60 x 86		1,500 00 5,000 00	15,500 00
66	Carroll, Old Frederick road.....	1892	4	61 x 238	52 x 27		2,000 00	4,500 00
67	Old Frederick road, Fairview ave.	1892	6	150 x 257	67 x 92		6,000 00	15,000 00
68	{ Millington and Lehman aves ... Two additional lots	1892 } 1910 }	12	{ 86 x 200 76.3 x 86 200 x 115 }	55 x 112		4,000 00 6,532 65	21,000 00
70	{ William st. and Warren ave..... New lots.....	1850 } 1910 }	12	{ 182.9 x 140 New and old lots	44 x 110	175 00	35 083 63	19,000 00
71	Bond and Jefferson sts.....	1884	16	70 x 154.3	55 x 116	19 00	8,700 00	20,000 00
72	Ridgely st., nr. Fremont ave.....	1877	16	124.6 x 155	56 x 130	620 62		25,000 00
73	Aisquith st., nr. Lexington.....	1870	16	80 x 180	44 x 100	25 00	17,100 00	20,000 00
74	Twenty-second and Cromwell sts.	1902	23	200 x 297	72 x 144		7,000 00	71,110 47
75	{ Carrollton ave. and Lexington.. Carrollton ave., nr. Lexington..	1886 } 1860 }	22	{ 49.6 x 103 88 x 160.4	48 x 133 48 x 118	400 00	10,000 00	20,000 00
76	{ Clement and Hull sts..... Addition.....	1882 } 1910 }	16 } 4 }	100 x 153	{ 57 x 113 36 x 76 }		5 833 32	{ 18,000 00 17,207 94
77	Washington st. nr. Fayette st.....	1871	16	93 x 134	{ 40 x 67 65 x 51 }	372 00	3,487 50	20,000 00
78	Harlem ave. and Monroe sts.....	1893	17	{ 157.4 x 249.6 A closed alley 10 x 249.6 }	56.4 x 143.6		17,500 00	30,500 00
79	Park ave. and Hoffman st.....	1892	24	120 x 150	100 x 147	1,020 00		35,000 00
80	Eden and Federal sts.....	1890	24	100 x 180	{ 61 x 123 35 x 89 }		8,000 00	33,000 00
81	Gilmor and Presstman sts.....	1875	16	155.6 x 116.5	60 x 122	620 00		18,350 00
82	Mulberry st., nr. Fremont ave.....	1868	14	87.8 x 134	55 x 115	350 67		15,000 00
83	Lakewood ave. and Orleans st.....	1902	24	200 x 145	70 x 144		9,166 66	63,475 90
83	Lakewood ave. and Fayette st.	1907		150 x 145			6,265 45	
84	Johnson and Heath sts.....	1902	21	148.3 x 214.6	70 x 144		10,000 00	69,218 35
85	Lakewood ave. and Oliver st.....	1904	24	150 x 320.3	71 x 150		4,382 75	92,296 85
86	Mulberry and Payson sts.....	1910	21	150 x 196.4	{ 71 x 92.6 58 x 95 }		13,760 40	122,884 41
91	Argyle ave., nr. Lanvale st.....	1858	12	80 x 140	45 x 100	195 00	2,000 00	13,000 00

*Paid in 1910.

TABLE B—Continued.

[PAGE 34]

SCHOOLS.	LOCATIONS.	Erected.	Class Rooms	Size of Lot.	Size of Building.	Ground Rent.	Cost.	
							Lot.	Building.
School No. 92.....	Charles and Ostend sts.....	1882	18	74.6 x 219.2	55 x 148		\$6,208 33	\$8,000 00
" " 92.....	Addition (lot).....			Average 26 x 189.8			2,300 00	
" " 93.....	Baltimore st., nr. Aisquith.....	1879	16	90 x 170	55 x 122	\$1,000 00		28,000 00
" " 93 W. B.	Baltimore st., nr. Aisquith.....	1879	6	30 x 170	27 x 52 18.6 x 64		11,600 00	In cost of lot
" " 94.....	Chase and McDonogh sts.....	1882	24	80 x 223	56 x 185		8,362 50	38,675 00
" " 95.....	Lexington st., nr. Fremont ave.	1890	16	81 x 220.6	60.8 x 123.4		15,000 00	25,000 00
" " 96.....	Ramsay and Smallwood sts.....	1895	12	178.7 x 165.6	53 x 135		4,000 00	35,000 00
" " 98.....	Ramsay and Pulaski sts.....	1904	24	178.8 x 165.6	62 x 80 69 x 96		8,000 00	84,985 95
" " 99.....	North ave. and Washington st.....	1891	23	80 x 150 Average 70 x 150 57 x 120	78 x 180		5,000 00 4,000 00 4,229 47	54,970 39
" " 100.....	Mount and Saratoga sts.....	1896	17	157.4 x 112.10 44 x 56	80 x 125		10,000 00	63,315 16
" " 101.....	Jefferson st., nr. Caroline.....	1855	6	83.5 x 80	30 x 80	200 00	1,350 00	5,000 00
" " 103.....	Division st., nr. Lanvale.....	1877	16	104.2 x 171.3	55 x 120	800 00		28,255 66
" " 105.....	Rogers ave., nr. Lexington st.....	1874	12	75 x 105	49 x 80	25 00	4,125 00	14,000 00
" " 106.....	Hill, nr. Sharp st.....	1893	20	Average 80 x 167	Average 60 x 120	192 00	16,000 00	27,000 00
" " 107.....	Biddle st., nr. Penna. ave.....	1870	12	70 x 150	35 x 89	70 00	15,000 00	10,000 00
" " 108.....	Caroline st., nr. Bank.....	1867	10	76 x 90	45.6 x 65.3	134 00	4,800 00	8,000 00
" " 109.....	Fremont ave. and King st.....	1843	13	74 x 157	43 x 100		1,200 00	8,000 00

"	"	110.....	Waesche st., nr. Fremont ave.....	1877	18	{ Average 120 x 141 }	60 x 118	.....	9,600 00	22,000 00
"	"	111.....	Bond st. and Ashland ave.....	1864	10	80 x 80	42 x 52	.....	3,366 66	7,000 00
"	"	112.....	Carey and Chappell sts.....	1897	18	{ Average 110 x 140 }	66 x 110	.....	10,500 00	40,408 70
"	"	113.....	Girard ave. and Sherman Place....	1895	9	120 x 124	78 x 69	.....	7,200 00	23,963 00
"	"	115.....	Merryman's lane, Waverly.....	1889	4	32.6 x 127.5	22.6 x 73	\$50 00	.....	\$4,500 00
"	"	116.....	Druid Hill ave., nr. Biddle st.....	1841	12	75 x 100	44 x 100	150 00	.....	12,000 00
			Ch. ster st. and Ashland ave. (lot).....	1897		200 x 133.3		.....	13,829 60	.....
			Pennsylvania ave. and Biddle st. (lot).....	1898		92.2 x 200		.....	26,500 00	.....
			Saratoga st., nr. Charles st., now used by Police Dept....	1888		66 x 193		.....	.....	.....
			Summit and Monroe sts. (lot).....			72.4 x 245		.....	9,500 00	.....
			Frederick road, west of Millington ave. (lot).....	1889		40 x 289		50 00	.....	.....
			Parental School (lot) Old Frederick road.....	1907		{ Irregular 400 x 416 }		.....	7,009 30	.....
			Orem Lane.....	1907		{ 370 x 353 180 x 134 }		.....	15,000 00	.....

TABLE C.

SHOWING LOCATION OF RENTED BUILDINGS AND LOTS, BY WHAT SCHOOLS OCCUPIED, AMOUNTS
OF YEARLY RENTALS, AS OF DECEMBER 31, 1910.

SCHOOLS.	LOCATIONS.	YEARLY RENTAL
Baltimore City College, Annex.....	611 N. Eutaw street.....	\$1,200 00
School No. 6.....	Broadway Market Hall.....	
“ 50, Branch.....	Southeast corner Washington and Harrison streets.....	180 00
“ 51, Branch.....	Gilmor lane, near York road.....	480 00
“ 56.....	Druid avenue, Woodberry.....	500 00
“ 58, Branch.....	Woodberry avenue, near Hooper avenue.....	600 00
“ 64, Branch.....	Granada and Penhurst avenues (lot).....	100 00
“ 76, Branch.....	Hull street, near Fort avenue.....	75 00
“ 83, Annex.....	Branch No. 13, Pratt Library, Patuxent, Cor. Fayette St.....	
“ 93, E. Branch.....	1126 East Baltimore street.....	960 00
“ 97.....	117 and 119 Jackson Place.....	\$670-\$550— 1,220 00
Colored High School, Annex.....	Dolphin and Lambert streets.....	330 00
“ “ “.....	1139 Pennsylvania ave. (2d and 3d floors).....	360 00
“ “ “.....	Pennsylvania avenue, near Dolphin st. (main auditorium A. M. E. Zion Church).....	420 00
School No 107, Branch.....	617 West Biddle street.....	1,000 00
“ 109, Branch.....	} Mount Olivet lane.....	60 00
“ 111, Branch.....	} Mount Olivet lane (lot).....	75 00
“ 112, Branch.....	801 North Bond street.....	420 00
“ 113.....	2018-2020-2022 Penna. ave. (2d and 3d floors).....	480 00
“ 115.....	Greenmount and Girard avenues (lots).....	116 00
“ 118.....	Talbot street, rear of School No. 115 (lot).....	75 00
“ 118, Branch.....	Gold and Calhoun streets.....	600 00
Parental School.....	Garrison road, Calverton road and Edmondson avenue... Gilmor lane, near Barclay street.....	300 00 600 00

PAPERS RELATING
TO THE
TEACHERS' TRAINING SCHOOL

FACULTY.

SARAH C. BROOKS, *Principal*.
PSYCHOLOGY AND PRINCIPLES OF TEACHING.

Theory Department.

ELISABETH MONTELL, B. S.,
Special Method in Geography, Nature Study and Construction Work.

FLORENCE KELLOGG, B. S.,
HISTORY OF EDUCATION.
Special Method in Language and Grammar.

EDITH GRACE RICE, B. S.,
Special Method in Arithmetic, Physiology and Construction Work.

GRACE H. HARE, A. B.,
Special Method in Reading, Literature, and History and Song Singing.

Supervisors of Practice Teaching.

PERSIS K. MILLER, *Supervisor*.

CARRIE M. SUMWALT, *Assistant*.
PRIMARY GRADES.

FLORENCE M. LAYMAN, *Assistant*.
PRIMARY GRADES.

FLORENCE BAMBERGER, *Assistant*.
INTERMEDIATE GRADES.

MARY A. PIERCE, *Assistant*.
HIGHER GRADES.

* Resigned December 1, 1910; after that date Assistant Superintendent Henry S. West, Acting-Principal, and Edward F. Buchner of Johns Hopkins University, Instructor in Psychology and Principles of Teaching.

REPORT OF THE

Teachers of Practice Classes.

JULIA F. BECK,
SEVENTH GRADE.

FLORENCE R. BONN,
FIFTH GRADE.

IDA V. FLOWERS,
FIRST GRADE.

CARRIE V. GLANDING,*
SEVENTH AND EIGHTH GRADES.

HELEN M. JOHNSON,
SECOND GRADE.

ISABELLE M. JOHNSTONE,
FOURTH GRADE.

M. JOSEPHINE KRAGER,
FIRST GRADE.

BLANCHE MACCARTHY,
FIRST GRADE.

ANNIE L. MANNING,*
THIRD GRADE.

ROSALIE OGLE,*
FOURTH GRADE.

LIDA L. THOMASON,
THIRD GRADE.

VIRGINIA WIGHTMAN,
THIRD GRADE.

ANNIE C. WILLIAMS,
FIRST GRADE.

Instructors in Special Subjects.

HENRIETTA G. BAKER, Music.

OLIVIA KEACH, Drawing.

C. F. R. SCHULZ, Physical Training.

LAURA V. DAVIS, Sewing.

ANNA A. HOWLAND, Cooking.

GEORGE M. GAITHER, Tool Work.

*Transferred, by request, to regular class work before end of year.

COURSE OF STUDY.

Junior Year.—Psychology, 3 quarters; History of Education, 3 quarters; Special Method in Arithmetic, 3 quarters; Special Method in History, 1½ quarters; Special Method in Literature, 1½ quarters; Special Method in Nature, 2 quarters; Special Method in Geography, 1 quarter; Special Method in Language and Grammar, 2 quarters; Manual Training, 3 quarters; Drawing, 3 quarters; Music, 3 quarters; Physical Culture, 3 quarters; Sewing, 2 quarters; Cooking, 1 quarter; Practice Teaching, 1 quarter.

Schedule of the day suspended during demonstration lesson and critique and during observation visit of students to classrooms.

Senior Year.—Principles of Teaching, 2 quarters; Special Method in Arithmetic, 2 quarters; Special Method in History, 2 quarters; Special Method in Reading, 2 quarters; Special Method in Geography, 2 quarters; Special Method in Language and Grammar, 2 quarters; Physiology, 2 quarters; Manual Training, 2 quarters; Song Singing, 2 quarters; Practice Teaching, 2 quarters.

Schedule of the day suspended during demonstration lesson and critique and during observation visit of students to classrooms.

ENROLLMENT FOR THE YEAR.

Number enrolled January 1, 1910.....	162
(Seniors, 84; Juniors, 78.)	
Number admitted during year.....	92
(Seniors, 5; Juniors, 87.)	
Number withdrawn and not re-entered—	
Transferred to substitute list.....	72
Withdrawn from service.....	30
	102
Number on Roll December 31, 1910.....	152
Additional students in care.....	7
Gross Roll December 31, 1910.....	159
(Juniors, 73; Seniors, 86.)	
Average number belonging.....	157.40
Average attendance during the year.....	151.30
Percentage of attendance based upon number belonging.....	95%

PAPERS RELATING
TO THE
BALTIMORE CITY COLLEGE

FACULTY 1910-1911.

FRANCIS A. SOPER, A.M., *Principal.*

CHARLES F. RADDATZ,
GERMAN.

JOSEPH H. ELLIOTT, *Secretary of the Faculty.*
(Head of Department of Commerce.)
BOOKKEEPING AND COMMERCIAL SUBJECTS.

STEPHEN F. NORRIS,
MATHEMATICS.

ALEXANDER HAMILTON,
MATHEMATICS.

GERARD E. MORGAN, A.M.,
(Head of Department of Ancient Languages.)
LATIN.

PHILIP H. FRIESE,
PHYSICAL GEOGRAPHY AND PHYSICS.

B. WHEELER SWEANY,
DRAWING.

WILBUR F. SMITH,
ENGLISH.

ARISTO M. SOHO, PH.D.,
SPANISH AND FRENCH.

PERCY L. KAYE, PH.D.,
(Head of Department of History.)
HISTORY, POLITICAL ECONOMY AND CIVICS.

REPORT OF THE

LESTER W. BOARDMAN, A.M.,
(Head of Department of English.)
ENGLISH.

ANDREW J. PIETSCH, A. M.,
HISTORY.

FRANK R. BLAKE, PH.D.,
HISTORY.

RICHARD H. UHRBROCK, PH.B.,
MATHEMATICS.

CHALMERS S. BRUMBAUGH, A.B.,
MATHEMATICS.

PHILIP H. EDWARDS, PH.D.,
LATIN.

ARTHUR B. MARSHALL, *Secretary to the Principal*,
STENOGRAPHY AND TYPEWRITING.

BENJAMIN E. FLEAGLE, A.B.,
ENGLISH.

ANDREW H. KRUG, PH.D.,
ENGLISH.

LESLIE H. INGHAM, PH.D.,
(Head of Department of Science.)
CHEMISTRY.

C. OTTO SCHOENRICH,
GERMAN.

GEORGE A. STEELE, PH.D.,
LATIN AND GREEK.

WALTER R. GALE,
DRAWING.

J. KONRAD UHLIG, A.B.
GERMAN.

HAROLD H. BALLARD, PH.D.,
MATHEMATICS.

SCHOOL COMMISSIONERS.

45

EDWARD T. HILLS, A.B.,
LATIN.

FLOYD T. HOLDEN, A.B.,
ENGLISH.

ROBERT I. HAZELTINE, A.B.,
BOTANY, ZOOLOGY AND BIOLOGY.

ARTHUR A. OEHM, A.B.,
GERMAN.

JOHN A. KRATZ, A.B.,
BOOKKEEPING, STENOGRAPHY AND TYPEWRITING.

C. MITCHEL FROELICHER, A.B.,
FRENCH.

JOHN LORETT,
PHYSICAL TRAINING.

PHILIP L. ROBB, B.S.,
LABORATORY ASSISTANT.

CHARLES C. PLITT,
LABORATORY ASSISTANT.

LUTHER B. MILLER,
LABORATORY ASSISTANT.

ALICE W. REINS,
LIBRARIAN.

ANNIE R. C. JAMES,
ASSISTANT LIBRARIAN.

EARLE LINDSAY ROGERS,
THEME READER.

ROLL ITEMS FOR THE YEAR 1910.

Number of new students in 1910.....	959
Number admitted by promotion and transfer in 1910.....	419
Total number in the College during 1910.....	1,378
Number graduating in June, 1910.....	129
Number belonging December 31, 1910.....	871
Number in care December 31, 1910.....	907
Average attendance during 1910.....	839
Average number belonging during 1910.....	899
Percentage of attendance for the year 1910.....	92.1
Number belonging June 30, 1910, excluding graduates.....	693
Number returned after summer vacation.....	563
Number of new, promoted and transferred students after September 13, 1910.....	394
Whole number in College between September 13 and December 31, 1910.....	957

Table showing subjects in Baltimore City College, the number of Classes in each subject, and the number of students pursuing each subject.

SUBJECTS.	First Year.		Second Year.		Third Year.		Fourth Year.	
	Number of Classes.	Number of Students.	Number of Classes.	Number of Students.	Number of Classes.	Number of Students.	Number of Classes.	Number of Students.
English.....	9	406	7	253	5	200	3	116
German.....	4	164	7	212	4	131	3	119
French.....			3	113	2	73	1	25
Spanish.....							1	27
Latin.....	5	273	6	199	2	79	1	37
Greek.....				8		3		5
History.....	6	327	3	123	3	84	2	66
Political Economy.....							2	55
Mathematics.....	11	484	6	217	2	112	1	30
Botany.....	5	250						
Physical Geography.....	5	244						
Biology.....			2	62				
Zoology.....			2	53				
Chemistry.....					3	116	1	22
Physics.....					2	55	1	13
Bookkeeping.....	4	141	2	54	1	24		
Penmanship.....	4	146						
Commercial Arithmetic.....	4	175						
Stenography.....			2	76	1	21	1	18
Typewriting.....			2	75	1	21	1	19
Commercial Geography.....					1	15		
Commercial Law.....							1	25
Drawing.....	10	462	8	274	3	95	1	22
Physical Training.....	10	479	7	311	1	48	1	37

GRADUATES, 1910.

Frank Albert Angerman	Albert Lanphier Hammond
William Ballerstedt	John Edwin Harn
John Emory Bauer	Joseph Norris Harris
Arthur Clayton Beall	Oliver Young Harris
William Edward Bockmiller	James Merritt Hepbrson
Victor Horace Bradgman, Jr.	Nathan Bernard Herman
Richard Mortimer Brawning, Jr.	William Melbourne Hart
Willard Valentine Bryan	Lawrence Henry Hirsch
Irvin Fred Bucher	Philip Bird Hopkins
John Walter Bueschel	Horace Guy Hopper
Joseph Aaron Bull	Henry Davis Jay
Herbert Burgunder	Wilbur Edmund Johnson
Abraham Caplan	Milton DeRalph Jones
Eugene Marion Chaney	Carl Gordon Kirwan
Frank Shallus Clark	Abraham Maurice Kramer
Joseph Franklin Collinson	Louis Fred Krumrein
Richard Gilmore Coblentz	Malcolm Horace Lauchheimer
Eleroy Joel Connable	Raymond Leibensperger
Harry Eugene Cook	Henry Harrison Lentz
Melvin Eugene Diffenbaugh	Morris Benjamin Levin
George Grape Dobler	August Lodato, Jr.
George Edwin Dorsey	Carl Vernon Lynch
Leslie Simpson Elliott	Donald Crawford Magie
Alfred LeRoy Evans	Charles Richard Martin
Moses Feldman	Harry Burke Mathews
John Smith Fenby	Robert Selden McCormick
Samuel Harry Fineman	William Spedden Merrick
Robert Ford	Donald Knapp Miller
Charles Edward Fountain	Harold Warner Miller
Donald Garver	Carroll Spence Mitchell
Walter Frederick Geissel	Arthur Cleveland Montell, Jr.
Thomas Stevens George	Kenneth Knell Moore
Lawrence Getz	Louis Charles Mueller
Arthur McCord Gibson	George Philip Nachman
David Campbell Gibson	Edward James O'Malley
Maurice Goldberg	Clarence Blake Pitt
Herbert Livingston Grymes	Arthur Mansfield Reid
Michael Gundersheimer	Percy Reese Rogers
Frederick Adam Hahn	Jonas Louis Rome

Isadore Rosenstadt	William Burnside Spooner
Goldsborough Sappington Griffith	Michael Harry Stein
Rossiter	Karl Josef Steinmueller
Walton Gates Rutledge	David Westheimer Steppacher
Simon Louis Sachs	Edwin Holt Stevens
Herman Moses Saiontz	Emmet James Stewart
Aaron Schaffer	Harold Lee Stiebel
Charles Scher	Jacob Henry Strauss
John Harry Schlisler	Cochran Supplee
Harry Schnuck	Walter Hart Suter
Henry Alfred Schwarz	Walter Degges Sutton
Abraham Schapiro	Alvin Thalheimer
John Saulsbury Short	Theodore Charles Thomas
David Nathaniel Shulman	Joseph Trueman Thompson
Harold Sigmund	George Loutrell Timanus
Morris Silberman	Louis Wagner
Saul Silberman	Edward John Ward
Kemper Simpson	Edwin Hoffman Watkins
Meyer Everett Sinskey	Carl Jefferson Weber
Harold Fultz Slade	Henry Whalen
Herbert Sloman	Steuart D'Ohl White
Benjamin LeCompte Smith	Milford Henry Whitehill
Wilson Porter Smith	Stuart Rose Wilcox
Charles Irvin Snyder	Harold Davis Willis
Sylvan Henry Spear	Ernest Conrad Wimmer
Emmette Rigdon Spencer	John Seilman Wollen

RECIPIENTS OF PEABODY PRIZES.

OF THE FIRST GRADE—\$100 EACH

Thomas Stevens George	Steuart D'Ohl White
Benjamin LeCompte Smith	

OF THE SECOND GRADE—\$50 EACH

Malcolm Horace Lauchheimer	August Lodato, Jr.
David Nathaniel Shulman	Alvin Thalheimer

RECIPIENTS OF SCHOLARSHIPS IN THE BALTIMORE
BUSINESS COLLEGE.

Harold Sigmund	Louis Wagner
----------------	--------------

RECIPIENT OF SCHOLARSHIP IN THE EATON & BURNETT
BUSINESS COLLEGE.

Donald Garver

RECIPIENT OF THE FREDERICK RAINE MEDAL.

Steuart D'Ohl White

PAPERS RELATING
TO THE
EASTERN HIGH SCHOOL

FACULTY.

ERNEST J. BECKER, Ph. D., *Principal*,
MODERN LANGUAGES.

LAURA V. DEVALIN, *Vice-Principal*,
ENGLISH.

KETURAH BALDWIN, A.B.,
CHEMISTRY AND PHYSICS.

ROSA BALDWIN, A.B.,
LATIN AND ENGLISH.

CAROLINE F. BECKER, A.B.,
MATHEMATICS AND COMMERCIAL GEOGRAPHY.

REBECCA BELLE BROOKS,
HISTORY.

AGNES E. BUCHHOLZ,
GERMAN.

THEORA J. BUNNELL, A.B.,
LATIN AND HISTORY.

LEONORA E. CARPENTER,
HISTORY, CIVICS AND ECONOMICS.

A. NAOMI CROWL, A.B.,
MATHEMATICS.

ALICE J. DUBREUIL, A.B.,
ENGLISH AND FRENCH.

HARRIET E. EBAUGH, A.B.,
MATHEMATICS.

MARGARET GARRETT,
LATIN.

AMELIE GRAF,
GERMAN.

ANABEL HARTMAN, A.B.,
ENGLISH.

REPORT OF THE

- RUTH HASLUP, A.B.,
ENGLISH AND MATHEMATICS.
- ELEANOR R. HOSKINS, A.B.,
LATIN.
- ANNA GRACE KENNEDY, LL. B.,
STENOGRAPHY, TYPEWRITING AND LAW.
- KATHERINE M. LEWIS,
MATHEMATICS.
- SUE M. LOHRFINCK,
ENGLISH.
- ALICE MALLALIEU, A.B.,
MATHEMATICS.
- THEODOCIA B. MAHON,
BOOKKEEPING.
- ELIZABETH M. MAKIBBIN,
DRAWING.
- KATHERINE E. MOOG, A.B.,
ENGLISH.
- IDA NEUMAN,
BOTANY, PHYSICAL GEOGRAPHY AND ZOOLOGY.
- LILLIA B. OTTO,
PHYSICAL TRAINING.
- SOPHIE SEYFERTH,
GERMAN.
- OLIVE C. SLATER,
DRAWING.
- ALICE TUNNECKE,
GERMAN AND FRENCH.
- ELISABETH G. WHITE
MATHEMATICS.
- KATHERINE HOBACH, A.B.,
LABORATORY ASSISTANT.
- LORETTA BOLLMAN, A.B.,
LABORATORY ASSISTANT.
- ANNA D. C. KRIEGER,
MUSIC.
- CLARA T. RILEY,
THEME READER.
- MABEL FLAHERTY (temporarily assigned),
PHYSICAL TRAINING.

ROLL FOR THE YEAR 1910.

Number of pupils on roll December 31, 1909.....	858
Number of pupils admitted by promotion from grammar schools in February 1910.....	40
Number of pupils admitted by promotion from grammar schools in September 1910.....	278
Number of pupils admitted during the year from schools other than the Baltimore grammar schools.....	53
	1,229
Number of pupils withdrawn during the year.....	212
Number of pupils graduated in June 1910.....	153
Number of pupils transferred to Western High School during the year.....	4
	369
Number of pupils in care December 31, 1910.....	860
Average number of pupils belonging during the year.....	819.1
Average number of pupils in attendance during the year.....	776.1
Percentage of attendance for the year.....	947

Table showing the subjects taught in the Eastern High School, the number of Classes in each subject, and the number of pupils pursuing each subject.

SUBJECTS.	First Year.		Second Year.		Third Year.		Fourth Year.	
	Number of Classes.	Number of Pupils.	Number of Classes.	Number of Pupils.	Number of Classes.	Number of Pupils.	Number of Classes.	Number of Pupils.
Algebra.....	11	328	1	21	3	67	.....	.....
Algebra Review.....	.....	.....	.....	.....	.....	.....	1	15
Arithmetic.....	6	153	.....	.....	.....	.....	.....	.....
Arithmetic Review.....	.....	.....	.....	.....	.....	.....	2	62
Biology.....	.....	.....	2	76	.....	.....	.....	.....
Bookkeeping.....	6	154	2	66	1	39	.....	.....
Botany.....	2	64	.....	.....	.....	.....	.....	.....
Chemistry.....	.....	.....	.....	.....	.....	.....	2	86
Civics.....	.....	.....	.....	.....	.....	.....	4	13
Commercial Geography.....	.....	.....	.....	.....	1	33	.....	.....
Commercial Law.....	.....	.....	.....	.....	.....	.....	1	25
Drawing.....	11	299	9	237	2	92	3	96
English.....	11	296	9	275	4	139	5	131
French.....	.....	.....	3	96	1	51	.....	.....
Geometry.....	.....	.....	7	200	1	10	.....	.....
Geometry Review.....	.....	.....	.....	.....	.....	.....	1	7
German.....	6	190	7	152	3	71	2	52
History.....	5	148	.....	.....	3	99	4	123
Latin.....	4	129	6	141	2	51	1	27
Music.....	11	272	9	256	4	138	4	130
Physical Geography.....	2	64	.....	.....	.....	.....	.....	.....
Physical Training.....	7	236	7	183	1	42	2	53
Physics.....	.....	.....	.....	.....	2	59	.....	.....
Political Economy.....	.....	.....	.....	.....	.....	.....	1	18
Stenography and Typewriting.....	.....	.....	2	63	1	40	1	19
Trigonometry.....	.....	.....	.....	.....	.....	.....	1	25
Zoology.....	.....	.....	1	41	.....	.....	1	31

GRADUATES, 1910.

Lillian Ward Abercrombie	Grace E. Edgar
Margaret Alice Andrew	Rheta H. Eggleston
Alice Matilda Armiger	Margaret Virginia Ennis
Lelia A. Baker	Edna Marguerite Evans
Nadine Marie Barry	Marian Leland Evans
Edith Amalie Beck	Grace Celeste Faupel
Ida Elizabeth Joseph Behn	Mary Grace Fifer
Ethel Renn Beiswanger	Isabel Neuman FitzPatrick
Cecilia Vinton Bisson	Sarah Galoon
Helen Eleanor Blair	Eva Elizabeth Gerstmeyer
Margaret Mae Bonday	Mathilda Celeste Goldenberg
Carrie Breidenstein	Lucy Allison Goodwin
Louise Amanda Brodie	Anna Gordon
Elsie Pauline Brown	Elizabeth Anne Gough
Harriet Katherine Burns	Elsie Margretta Graham
Ellen L. Burton	Helen Louise Guider
Jeannette Ellen Campbell	Bessie Kathrine Habercam
Erva May Canoles	Bertha Hamburger
S. Louise Cherry	Miriam Maxwell Harris
Hazel Bergen Clymer	Myrtle Pauline Harrod
Rebecca Cohen	Marie Virginia Heaphy
Lillian Olivia Colburn	Myrtle Marie Herring
Almira Coleman	Rose Hershfeld
Grace Estelle Coleman	Florence Woodside Hess
Eva R. Connelly	Alice Smith Hickman
Irene Virginia Connor	Carolyn Glyndon Hillegeist
Josephine Irene Cooper	Martha Kathrine Hoener
Anna Elizabeth Cover	Kathrine Elvira Hofmeister
Nellie Windsor Davis	Rose Hofmeister
Elizabeth A. Dean	Helen Constance Holmes
Florence Panetti Dehler	Margaret Hamerik Holmes
Angeline Laura Dobson	Jane Waring Hooper
Elthel Lee Donaldson	Ethel Irene Houser
Alice Gertrude Donegan	Ruth Hughlett
Edna Ruth Dougherty	Pearl Therese Hyson
Ethel Bryant Drechsler	Gertrude Janney
Marie Virginia Dunn	Edith Edwards Johnston
Margaret Waugh Ebaugh	Elsie Mae Jones
Mary Phyllis Eby	Marie Alice Joyce

Lutie Marguerite Keech	Catherine Amelia Schmidt
Mabel Theresa Kehs	Louise Helen Schroeder
Maria Loretta Kellar	Lillie May Schulze
Regina Alice Kennedy	Ernestine Catherine Sener
Ainee Louise Keplinger	Augusta Olgivie Shaw
Eleanor Keyser King	Mary Marguerite Sibley
Juanita Meta Klare	Caroline Amelia Sinclair
Elnora Lillian Knight	Bessie Sindler
Mary B. Kohler	Rosa Lillian Siebert
Pauline Josephine Laubheimer	Edith Ruth Smith
Emily Ricketts Laws	Hilda Snyder
Louise Browning Linhardt	Dea Ruth Socoloff
Ida Abrams Lusby	Caroline Matilda Sparks
Hazel Eileen Lyons	Mabel Eldridge Spence
Millicent Rogers MacKee	Elinor Nevitt Spicknall
Ruth Hortense Manko	Anna Louise Stansbury
Katherine Stevens Marsden	Anna Laurene Seuhle
Grace Amelia McCubbin	Jessie Terry
Mary Louise McLanahan	Dorothy Little Thomas
Eva Lenore Meid	Madeleine Marian Thompson
Angela Randolph Mitchell	Frances Montague Thornton
Fannie Mitnick	Selma Tiefenbrun
Marie Elizabeth Mooyer	Ethel Tyler
Sarah Morganstern	Ida Elizabeth Waram
Mary King Nelson	Helen Warfield
Mabel Audoun North	Anna T. Waters
Charlotte Louise Pausch	Alma Tottle Weaver
Alice Payne	Hazel Gertrude Weber
Trisler Simmons Pentz	Mary Alice Wenchel
Elsie Winstead Petty	Alma Weaver
Freda Marie Picker	Virginia Willis Wheeler
Ada Alice Rogers	Minnie Louise Wickman
Edna May Rohrbaugh	Edith Wiggers
Mary Esther Ridgely	Jean Curley Wilcox
Pearl R. Rosenstein	Alice Estelle Wilkinson
Mary Agnes Rossiter	Florence Elizabeth Willis
Ruth Blake Sauerwein	Rosa Wolbarsht

RECIPIENTS OF PEABODY MEDALS.

FIRST GRADE

Margaret Hamerik Holmes	Caroline Amelia Sinclair
Eva Lenore Meid	Cecilia Vinton Bisson
Marion Leland Evans	

SECOND GRADE

Margaret Virginia Ennis	Katherine Elvira Hofmeister
Marie Virginia Heaphy	Rose Hershfeld
Sarah Morganstern	Jane Waring Hooper
Mary Grace Fifer	Erva May Canoles
Grace E. Edgar	Nellie Windsor Davis

HONORABLE MENTION.

Alice Gertrude Donegan	Fannie Mitnick
Margaret Alice Andrew	Gertrude Janney
Rose Wolbarsht	Rose Hofmeister
Elsie Margretta Graham	Ellen L. Burton
Nadine Marie Barry	Angela Randolph Mitchell

RECIPIENTS OF SCHOLARSHIPS.

Goucher College Scholarship.....	Caroline Amelia Sinclair
Alumnae Scholarship.....	Jane Waring Hooper
Baltimore Business College.....	{ Bessie Katherine Habercam
	{ Nadine Marie Barry
Eaton & Burnett Business College.....	{ Ethel Renn Beiswanger
	{ Alice Gertrude Donegan

PAPERS RELATING
TO THE
WESTERN HIGH SCHOOL

FACULTY.

DAVID E. WEGLEIN, A.B., *Principal*,
CIVICS.

FRANCES RUTTER,
HISTORY.

ROBERTA DAVIS,
DRAWING.

IMOGEN GEORGE,
ENGLISH.

ELIZABETH HELSBY,
DRAWING.

ANNIE W. NICHOLSON,
LATIN.

M. THERESA DALLAM,
ENGLISH.

ANNE E. WELTY,
MATHEMATICS.

AUGUSTA F. DITTY,
ENGLISH.

LOUISE E. THALWITZER,
GERMAN.

MARY E. HUDGINS,
LATIN.

LIZETTE W. REESE,
ENGLISH.

REPORT OF THE

EMILIE S. REINHARD, A.B.,
GERMAN.

MARY B. ROCKWOOD, A.M.,
LATIN.

LUCY E. MURRAY, A.B.,
HISTORY AND LATIN.

BESSIE E. KLEIBACKER,
ENGLISH.

LELIA H. SMITH, A.B.,
PHYSICAL GEOGRAPHY, ASTRONOMY, ALGEBRA

GRACE I. GILL,
STENOGRAPHY AND TYPEWRITING.

MIRIAM ELFRETH,
FRENCH.

CHARLOTTE A. JONES, A.M.,
MATHEMATICS.

LAURA J. CAIRNES, A.B.,
HISTORY.

E. LEOLA DIXON,
MATHEMATICS.

MARGARET T. ENGLAR, A.B.,
HISTORY, LATIN.

E. ANNA HARRISON, A.B.,
ENGLISH.

MARGARET A. HAYDEN, A.B.,
BIOLOGY.

LAURA L. ALFORD, A.B.,
DRAWING, ALGEBRA.

MARY H. MULLIKIN, A.B.,
PHYSICS, CHEMISTRY.

ELIZABETH C. REMMERT,
GERMAN.

SCHOOL COMMISSIONERS.

61

DELIA R. ALFORD,
COMMERCIAL BRANCHES.

ANNABEL WHITE,
MATHEMATICS.

MARY A. FOLEY,
PHYSICAL TRAINING.

M. ELIZABETH HOLDEN, A.B.,
MATHEMATICS.

SUSIE H. HOLLSTEIN,
HISTORY.

ELIZABETH W. THOMPSON,
PHYSICAL TRAINING.

ANNIE G. WETTERMAN,
GERMAN, FRENCH.

MOLLY W. WOOD, A.B.,
ENGLISH.

HENRIETTA C. ADAMS,
LIBRARIAN.

EVELYN W. BETTS, A.B.,
LABORATORY ASSISTANT, CHEMISTRY.

MILDRED A. HOGE, A.B.,
LABORATORY ASSISTANT.

NOMA G. MILLER, A.B.,
ENGLISH THEME READER.

HENRIETTA G. BAKER,
MUSIC.

MARGARET G. PERRY (assigned substitute),
COMMERCIAL BRANCHES.

FREDERICK HAHN-ZUMPT (assigned substitute),
GERMAN, LATIN.

ENROLLMENT IN 1910.

Enrollment, December 31, 1909.....	1,021
Number of pupils who did not return.....	61
Enrollment, January, 1910.....	960
Number admitted by promotion from elementary schools..	462
Number admitted by transfer.....	6
Number admitted during the year from schools other than Baltimore elementary schools.	72
	540
Total number in attendance during the year.....	1,500
Number withdrawn between January 1 and June 30.....	101
Number graduated in June, 1910.	125
Number of pupils who did not return in September.....	122
Number withdrawn between September 13 and December 31	39
Number transferred to other schools ..	0
	387
Number re-entered.....	25
	362
Enrollment, December 31, 1910.....	1,138
Average number belonging during 1910.	1,015
Average attendance during 1910.....	956
Percentage of attendance for the year 1910..	94.2

GRADUATES, 1910.

Christal Carper Abbott	Rhoda Ann Hoffman
Sadie Hortense Adler	Mildred Holbrook
Bessie Mae Anderson	Frances Dorothy Hood
Beatrice Bamberger	Nora Frances Hopkins
Miriam Johanna Bauer	Clara Virginia Jeffries
Estella Jane Beane	Jennie Childs Jones
Georgie Berry Beaumont	Lillian Campbell Jones
Mary Rebecca Benson	Anna Gertrude Kammerer
Sophie Helene Bloch	Marie Elizabeth Laura Kerns
Gladys Boardman	Elsa Helen Knierim
Jeannette Brotherton	Barbara Marie Koons
May Buschman	Christine Meta Kratz
Lydia Perry Butler	Helene Frances La Motte
Ida Bertha Carr	Edith Belle League
Lucy Hope Carroll	Reada Thelma Leopold
Annette Lena Cohen	Lorena Eleanor Logan
Mary Naomi Davies	Edna Marsh
Evelyn Dawson	Louise Marsh
*Margaret Anne Diggs	Mabel Elizabeth Marshall
Estelle Edmondson Dunbracco	Alma Marie McAllister
Bertha D'Unger	Ruby McCollom
Mabel Cornelia Firor	Helen Leah McCurley
Eleanor Luce Focke	Nellie Gertrude McGee
Bertha Friedemann	Anna Ruth McGovern
Hilda Frush	Virginia Carr Merritt
Olive Josephine Gardner	Ruth Frazier Merwin
Catherine Cecelia Gaule	Ethel Coblens Meyer
Hila Blanche Gemmill	Miriam Michael
Leah Elizabeth Glessner	Alma Frank Minz
Rose Elizabeth Gminder	Helen Clara Mohr
Louise Bertha Green	Pearl Dorathea Moore
Bessie Griffith	Miriam Moses
Edith Hand Griner	Anna Margaret Mullikin
Adele Frances Grote	Edith Pearre Murray
Bertha Mary Halle	Isabelle Meyers
Vergie Carroll Hands	Sylvania Gertrude Nagle
Edythe Burt Hanzsche	Helen Lockwood Naudain
Florence Theresa Henderson	Helen Dorathea Nordman
Eleanor Elizabeth Higgins	Anna Bernice Peacock

Alice Elizabeth Peck	Effie Blanche Smither
Grace Grason Pitts	Neenah Virginia Snyder
Helen Ruth Purdy	Gertrude Elizabeth Steffens
Regina Rabbe	Hilda Marie Charlotte Steinbach
Helen Bancroft Randall	Laura Filbert Stevenson
Lulu Mae Reisinger	Lona Earl Strahan
Margaret Lee Rice	Katherine Smith Stubbs
Jane Willoughby Riddell	Emily Alfreda Taylor
Amelia Ring	Rose Mary Taylor
Pauline Antoinette Ritter	Madge De Grofft Thurlow
Olive Dorathea Robinson	Ruth Tingley
Edna Rolker	Katharine Baird Tricee
Ruth Estelle Rollins	Sadie Wallenstein
Rena Jacobi Rosenheim	Selma Wallerstein Weiler
Helen Roth	Laura Marie Wells
Lillian Lambden Royston	Anna Elizabeth Whitelock
Dollie Rutter	Clara Evans Willoughby
Blanche Frances Sauerland	Dorothy Wilson
Edna Margaretta Schafer	Helen Wilson
Edna Frieda Schwartz	Edna Irene Wimmer
Katherine Gertrude Seliger	Helen Wright
Margaret Edgerton Shelley	Mary Helen Yeager
Frieda Anita Silberman	Ethel Lillian Young
Vivian Smith	

RECIPIENTS OF PEABODY MEDALS.

FIRST GRADE

Effie Blanche Smither	Madge De Grofft Thurlow
Edythe Burt Hanzsche	Olive Dorathea Robinson
Anna Margaret Mullikin	

SECOND GRADE

Anna Ruth McGovern	Mabel Elizabeth Marshall
Helen Leah McCurley	Lona Earl Strahan
Lorena Eleanor Logan	Rena Jacobi Rosenheim
Georgie Berry Beaumont	Edna Frieda Schwartz
Ruby McCollom	Miriam Johanna Bauer

HONORABLE MENTION.

Miriam Moses	Helen Lockwood Naudain
Lillian Lambden Royston	Mildred Holbrook
Edith Belle League	Ethel Lillian Young
Edna Margarete Schafer	Regina Rabbe
Alice Elizabeth Peck	Mary Naomi Davies

PAPERS RELATING
TO THE
BALTIMORE POLYTECHNIC INSTITUTE

FACULTY.

WILLIAM R. KING, U. S. N., *Principal*,
Head of Department of Engineering.

WILLIAM H. HALL, A.M.,
Head of Department of Science.

SAMUEL M. NORTH,
Head of Department of English and Modern Languages.

J. MONTGOMERY GAMBRILL,
Head of Department of History and Civics.

HENRY A. CONVERSE, PH. D.,
Head of Department of Mathematics.

POWHATAN CLARKE, *Assistant to Principal*.

NATHAN LEBOVITZ, *Secretary*.

FACULTY AND STAFF BY DEPARTMENTS.

DEPARTMENT OF ENGINEERING.

WILLIAM R. KING, *Head of Department*.

WILLIAM L. DEBAUFRE,
CHARLES E. CONWAY,
JOHN H. HILLS,
SAMUEL P. PLATT,
HENRY BOGUE, JR.,
ALLEN B. SOUTHER,
WILLIAM G. RICHARDSON,
EMANUEL FRITZ,
ALLEN L. MALONE,
GEORGE M. GAITHER,
WARREN S. SEIPP,
GEORGE N. ANDERSON,
LAURENCE F. MAGNESS,
F. CAREY WILLIAMS,
RICHARD G. REESE,
CARROLL T. HARRIS.

DEPARTMENT OF MATHEMATICS.

HENRY A. CONVERSE, *Head of Department.*

JOHN H. BRAMBLE,
 OLIVER BACHARACH,
 WILLIAM H. WILHELM,
 HARVEY S. HOUSEKEEPER,
 THOMAS F. GAREY,
 JOSEPH E. HODGSON,
 ALFRED B. HAUPT.

DEPARTMENT OF SCIENCE.

WILLIAM H. HALL, *Head of Department.*

ROWLAND WATTS,
 J. EDWARD BROADBELL,
 IRVING L. TWILLEY,
 JAMES B. ARTHUR,
 CLARENCE P. BOLGIANO.

DEPARTMENT OF ENGLISH AND MODERN LANGUAGES.

SAMUEL M. NORTH, *Head of Department.*

J. WARD WILLSON,
 EDWARD REISLER,
 ELMER M. HARN,
 WILLIAM P. STEDMAN,
 GEORGE S. WILLS,
 JOSEPH E. GREEN,
 GEORGE H. SCHWARTZ.

DEPARTMENT OF HISTORY AND CIVICS.

J. MONTGOMERY GAMBRILL, *Head of Department.*

ISAAC L. OTIS,
 CHARLES F. RANFT,
 PHILLIP DOUGHERTY.

ROLL, 1910.

Number of new pupils admitted during year.....	851
Number of pupils admitted by promotion.....	332
Number of pupils admitted by transfer from the Baltimore City College.....	12
<hr style="width: 10%; margin: auto;"/>	
Total number of pupils during year.....	1,195
Number of pupils withdrawn during year and not re-entered....	280
Number of pupils transferred to Baltimore City College.....	9
Number of graduates, 1910.....	75
Number of pupils belonging December 31, 1910.....	831
Number of pupils in care December 31, 1910.....	872
Average number of pupils belonging during 1910.....	787
Average attendance during year 1910 (94%).....	740

GRADUATES.

February, 1910.

George E. Gerlach	John Louis Siems
George E. Green	Morris Arthur Spamer
Frank Herrmann, Jr.	George J. Sturmfelsz, Jr.
E. M. Kennard, Jr.	Wilbur Nicholas-Van Sant
Alfred Mullikin,	Philip Waldschmidt
Alfred Nisbet	John F. Wannenwetsch
Carl K. Schulte	Russel D. Welsh
	C. A. Yockel

June, 1910.

Robert E. F. Aler	Charles W. Miller
William H. Barnard, Jr.	William N. Neibich
Ralph G. Bittle	Frank Neumann
Leo Blankman	Dudley F. Nicholson
Jacob Blaustein	John B. Norris, Jr.
Howard F. Carr	Edgar Parrish
Laurence B. Chcnoweth	Abbott L. Penniman
Herbert A. Ehrman	Ferd. H. Plack
Ernest W. Eickelberg	Edwin A. Plitt
Franklin C. Eleder	Henry R. Rausch
George B. Farlow	Charles M. Reed
George E. Finck	Richard G. Reese
Charles V. French	Arthur Rhoads
August P. Gompf	John K. Ruff
Carroll T. Harris	Albert H. Samuel
Parr Hooper	Henry F. Schneider
Charles R. Johnson	Jacob Schmidt, Jr.
George Johnson	L. Wilson Scott
William B. Johnston	Charles L. Steel
Edwin F. Koester	George W. Tall, Jr.
Robert W. Kroeger	Perry McKee Teeple
August J. Kutzleb	Carroll A. Turner
Joseph H. Letzer	Leo Tyser
Lewis W. Link	Charles P. Vogel
Thomas M. Linticum	M. Leeson Walsh
Edward D. Lynch	Frank I. Wheeler, Jr.
Howard B. Lyon	F. Carey Williams
William E. McComas, Jr.	John A. Woodfield
Louis Mardaga	P. Chancellor Wroe
Eugene D. Milener	Roy A. Yingling

Table showing the number of students pursuing the different subjects of the course of the Baltimore Polytechnic Institute and the time devoted to each subject.

SUBJECTS.	First Year.			Second Year.			Third Year.			Fourth Year.		
	Number of Students.	Number of Sections.	Periods Per Week.	Number of Students.	Number of Sections.	Periods Per Week.	Number of Students.	Number of Sections.	Periods Per Week.	Number of Students.	Number of Sections.	Periods Per Week.
Steam Engineering.....							139	4	4	101	4	3
Mechanics.....										101	4	3
Mechanical Drawing.....	396	11	4	236	8	5	139	4	4	101	4	4
Practice.....	396	11	4	236	8	4	139	4	4	101	4	2
Algebra.....	396	11	4	236	8	3						
Geometry.....	396	11	4	236	8	3 $\frac{1}{2}$						
Trigonometry.....				236	8	1	139	4	3			
Analytic Geometry.....							139	4	4			
Calculus.....										101	4	5
Physics.....				236	8	3						
Electricity.....							139	4	3	101	4	4
Chemistry.....							139	4	2	101	4	4
Composition and Rhetoric.....	396	11	2	236	8	2						
Literature.....	396	11	3	236	8	2 $\frac{1}{2}$	139	4	3			
History.....	396	11	5									
German.....	396	11	3	236	8	3	139	4	3			
Civics and History.....				236	8	4						
French.....										101	4	3
English Grammar.....	396	11	1									

PAPERS RELATING
TO THE
COLORED HIGH SCHOOL

FACULTY.

MASON A. HAWKINS, A.B., A.M., *Principal,*

ANNIE E. SMITH *Clerk.*

DWIGHT O. W. HOLMES, A.B., *Vice-Principal,*
and

Head of the Department of Sciences.

DANIEL A. BROOKS,

Head of the Department of Boys' Manual Training.

HELEN B. IRVIN,

Head of the Department of Domestic Art and Science.

CARRINGTON L. DAVIS, A.B.,

Head of the Department of Foreign Languages.

ASSISTANTS.

FANNIE L. BARBOUR,

MATHEMATICS.

MAUDELLE T. BROWNE, A. B.,

MATHEMATICS.

LOUISE R. M. PARM,

ENGLISH AND HISTORY.

JOSHUA E. MAXWELL, A.B.,

ENGLISH, HISTORY AND COMMERCIAL SUBJECTS.

LUCY D. SLOWE, A.B.,

ENGLISH.

MABEL E. WILSON, Ph.B.,

ENGLISH AND HISTORY.

REPORT OF THE

MARGARET A. FLAGG, A.B.,
HISTORY.

WALTER H. HARRIS, Ph.B.,
ENGLISH AND HISTORY.

RALPH W. RECKLING, Ph.B. (Substitute),
HISTORY.

DANIEL W. EDMONDS, Ph.B. (Substitute),
ENGLISH AND HISTORY.

CAROLYN B. KING, A.B.,
LATIN AND MATHEMATICS.

JAMES S. THOMAS, A.B.,
GERMAN.

PERRY D. G. PENNINGTON, Ph.B. (Substitute),
BIOLOGY AND BOTANY.

WALTER A. GILES, B.H.,
PHYSICAL CULTURE.

RALPH V. COOK, M.E.,
MECHANICAL DRAWING AND WOODTURNING.

GEORGIANA H. FIELDS,
DOMESTIC SCIENCE.

ETHELYN G. HENRY,
DOMESTIC ART.

ETHEL A. LEWIS,
STENOGRAPHY AND TYPEWRITING.

JOHN J. WHEELER, B.S., M.E.,
FORGING, MACHINE PRACTICE AND CHEMISTRY.

BEULAH S. WILDER,
DOMESTIC ART.

LEVI V. MOORE,
WOODWORK.

JAMES A. B. CALLIS,
PRINTING.

JOHN H. MURPHY, Jr.,
PRINTING.

GRADUATES, 1910.

Bertha Bennett	Loretta Hursey
William Thruman Bishop	Helen Hunt Jackson
Mary Bragg	Sarah Florence James
Daisy Beatrice Briggs	Alixé Noel Johnson
Carl Eugene Briscoe	Mary Viola Johnson
Marie Estelle Brown	Aurelia Schadd Laws
Eugene Carter	Edith Viola Lynch
Corinne Viola Chew	Edna Adeline Maddox
Carrie Alease Cooper	Laura Beatrice Mason
Ellis Monthronia Curtis	Hattie Anneta McNeal
William Bright Day	Mary Catherine Owens
Ariel Nellie Louise Dorsey	Nathaniel Tull Peck
Milton Quincy Dorsey	Casper Napoleon Pigott
Leonard Emmett Drewry	John Edward Robinson, Jr.
Ellen Adelaide Dutton	Lottie Louise Ruff
Susie Amelia Elliott	Edna Marie Scott
Mary Edna Ford	Clarence Theodore Thomas
Josephine Zenobia Gaines	Juliet Anna Thomas
Leonard Ulysses Gibson	Mary Marguerite Thomas
Florence Elizabeth Gittings	Hattie Arnita Tyler
Nettie Preston Harris	Elsie May Warren
Violet Ernestine Holmes	Marguerite Elizabeth West
James Ross Howard	Edna Matilda Williams
Henrietta Marie Hucles	Mabel Ernestine Williams

TWO-YEAR INDUSTRIAL COURSE.

John Franklin Cromwell, Jr.	Ada Lelia Lewis
Agnes Victoria Grant	Elsie Martha Widgeon
Laurie Naomi Green	Helen Delena Smallwood
Isadora Wyoma Grooms	Annie Stokes

ALUMNI MEDAL.

Helen Hunt Jackson

Table showing number belonging, average attendance, and percentage of attendance for each month during the year.

Months, 1910.	Number Pupils Belonging (Average).	Present (Average) Number Pupils.	Percentage of Attendance.
January.....	468.5	453.8	96.8%
February.....	527.2	512.0	97.1%
March.....	511.8	496.1	96.9%
April.....	498.8	480.1	96.2%
May.....	487.0	468.1	96.1%
June.....	478.7	462.3	96.5%
September.....	549.7	515.7	93.8%
October.....	532.1	518.5	97.4%
November.....	519.9	505.3	97.1%
December.....	505.3	480.3	95.0%
Average.....	507.9	489.2	96.3%

TABLE SHOWING ENROLLMENT, ETC., FOR THE YEAR 1910.

	Boys.	Girls.	Total.
Number of new pupils admitted during the year.....	156	364	
	—	—	520
Number of pupils admitted by promotion during the year—			
February 1910.....	11	53	
September, 1910.....	49	84	
	—	—	197
Total number of pupils during the year.....			717
Number pupils who left and re-entered during year	90	184	
	—	—	274
Number of pupils withdrawn during the year... ..	135	300	
	—	—	435
Number of pupils promoted to the Training School during the year.....	7	18	
	—	—	25
Number of pupils graduated during the year (academic)	13	35	
	—	—	48
Graduates from special two-year course.....	1	7	
	—	—	8
Number of pupils in school December 31, 1910—			
Belonging.....	157	343	
	—	—	500
“In Care”.....	201	453	
	—	—	654
Average attendance of pupils during the year.....			489.2
Average number of pupils belonging during year.....			507.9
Percentage of attendance during year, based on average number belonging. . .			96.3

Table showing the subjects taught in the Colored High School, number of classes in each subject, and the number of pupils pursuing each subject.

SUBJECTS.	First Year.		Second Year.		Third Year.		Fourth Year.	
	Number of Classes.	Number of Pupils.	Number of Classes.	Number of Pupils.	Number of Classes.	Number of Pupils.	Number of Classes.	Number of Pupils.
Algebra.....	8	218						
Benchwork.....	8	70	*	1			*	6
Biology.....					3	81	1	26
Bookkeeping.....	*	4	*	4	*	11	*	5
Chemistry.....			1	10				
Commercial Arithmetic.....	*	4	*	7	*	25	*	8
Domestic Art.....	9	145	5	107	3	56	2	37
Domestic Science.....	9	141	5	107	3	56	2	34
English.....	9	245	5	124	3	93	2	51
Forging.....			3	19				1
Free-hand Drawing.....	9	226	6	152	*	3	*	1
Geometry.....			5	146				
German.....	3	106	2	57	2	30	1	17
History.....	9	239	6	161	3	71	2	50
Latin.....	4	199	3	88				
Machine Practice.....			1	5	3	19	1	6
Mechanical Drawing.....	8	75	5	38	2	15	1	6
Physics.....					2	34	1	13
Physical Training.....	9	227	6	177			3	55
Printing.....			*	1	2	14	2	9
Stenography.....					*	7	*	3
Typewriting.....					*	48	*	28
Woodturning.....	1	3	4	14				

* Means "not taught as class."

PAPERS RELATING
TO THE
COLORED TRAINING SCHOOL

FACULTY.

JOSEPH H. LOCKERMAN, *Principal,*
Psychology and General Method.

J. R. PAUL BROCK, *Assistant,*
History and Principles of Education,
Psychology and Method in Arithmetic.

ANNA O'H. WILLIAMSON, *Assistant,*
School Management, Method in History, Method in Ge
Nature Study and Method in Literature. ography,

GOUGH D. McDANIELS, *Substitute,*
Method in Language and Grammar; Arithmetic (Re
view).

SARAH N. MERRIWETHER, *Substitute,*
Method in Reading; Grammar (Review).

LUCINDA COOK, *Supervisor of Practice.*

MARY E. COOPER, *Assistant Supervisor of Pract
ice.*

ENROLLMENT FOR THE YEAR, 1910

Number enrolled January 1, 1910.....	81
Number admitted during year.....	46
Number withdrawn (not re-entered).....	46
Number elected to substitute list.....	16
Number on roll December 31, 1910:	
First year.....	33
Second year.....	48
Average enrollment during the year.....	81
Average attendance during the year.....	87.5
Percentage of attendance during the year.....	85.7
	97.9

TABLES

TABLE A—Continued.

SCHOOLS.	Teachers		Number of Pupils Belonging December 31, 1910.	Average Number of Pupils Belonging 1910.	Average Attendance for the Year 1910.	Percentage of Attendance for the Year 1910.	Total Number Enrolled 1910.	The Number Belonging, including Temporary Withdrawals, Dec. 31, 1910.
	Men.	Women.						
Group G—School No. 7	10	457	456	402	88	619	468	
“ “ 16	12	390	397	370	93	585	417	
“ “ 40	1	628	642	569	88	801	649	
“ “ 45	2	7	337	352	92	457	355	
“ “ 73	1	607	602	534	89	647	638	
Totals.....	4	60	2419	2449	2198	90	3109	2527
, Principal.								
Group I—School No. 20	23	814	856	761	89	1200	902	
“ “ 32	10	392	382	342	90	524	423	
“ “ 74	2	19	774	778	91	983	834	
“ “ 80	2	19	795	818	91	944	845	
Totals	4	71	2775	2834	2554	90	3651	3004
William H. Tolson, Principal.								
Group J—School No. 37	12	452	455	410	90	632	510	
“ “ 85	23	885	928	829	89	1193	972	
“ “ 99	1	26	1156	1162	1050	1505	1230	
Totals.....	1	61	2493	2545	2289	90	3330	2712
Frederick W. Miller, Principal.								
Group K—School No. 50	5	201	196	183	93	276	214	
“ “ 51	1	21	802	832	756	91	1061	876
“ “ 52	1	4	105	117	113	97	113	112
“ “ 53	17	621	620	560	90	837	675	
“ “ 54	20	666	722	644	89	947	767	
Totals.....	2	67	2395	2487	2256	92	3234	2644
Jos. S. Whittington, Principal.								
Group L—School No. 76	19	674	634	573	90	888	710	
John S. Black, Principal.								

TABLE A—Continued.

SCHOOLS.	Teachers		Number of Pupils Belonging December 31, 1910.	Average Number of Pupils Belonging 1910.	Average Attendance for the year 1910.	Percentage of Attendance for the year 1910.	Total Number Enrolled 1910	The Number Belonging, including Temporary Withdrawals, Dec. 31, 1910.	
	Men.	Women.							
Group M—School No. 4.....	13	475	466	414	89	667	491	
“ “ 29.....	9	287	315	281	89	406	310	
“ “ 44.....	1	278	299	269	90	325	289	
“ “ 17.....	1	18	664	695	624	90	910	
“ “ 70.....									
“ “ 92.....	16	584	610	559	92	790	606	
Totals.....	2	2288	2385	2147	90	3098	2414	
Thomas C. Bruff, Principal.									
Group N—School No. 12.....	14	560	581	511	90	798	597	
“ “ 22.....	12	451	446	397	89	597	499	
“ “ 34.....	13	554	541	471	87	737	587	
“ “ 72.....	2	709	691	626	91	773	735	
Totals.....	2	2274	2259	2005	88	2905	2418	
Julson Hunt, Principal.									
Group O—School No. 10.....	12	440	446	381	85	648	490	
“ “ 19.....	9	368	452	403	89	701	368	
“ “ 30.....	16	680	706	630	89	888	723	
“ “ 48.....	1	462	437	393	90	478	462	
“ “ 86.....	9	437	396	356	90	*38	437	
Totals.....	1	2387	2437	2163	89	2753	2480	
Samuel E. Keller, Principal.									
Group P—School No. 66.....	1	3	153	156	142	91	158	162
“ “ 67.....	8	334	323	294	90	422	349
“ “ 68.....	1	12	475	480	421	87	614	513
“ “ 96.....	12	530	567	512	90	928	565
“ “ 98.....	1	22	907	898	816	91	949	952
Totals.....	3	57	2399	2424	2185	90	3101	2541
Rozell Berryman, Principal									

*No 86 is a new school. All but 38 pupils enrolled in other schools.

TABLE A—Continued.

SCHOOLS.	Teachers		Number of Pupils Belonging December 31, 1910.	Average Number of Pupils Belonging 1910.	Average Attendance for the Year 1910.	Percentage of Attendance for the Year 1910.	Total Number Enrolled 1910.	The Number Belonging, including Temporary Withdrawals, Dec. 31, 1910.
	Men.	Women.						
Group W—School No. 55.....	26	1016	1023	914	89	1259	1081	
“ “ 56.....	5	169	172	150	87	262	189	
“ “ 57.....	6	230	218	194	89	285	241	
“ “ 58.....	1	7	249	257	88	327	263	
Totals.....	1	44	1664	1670	1486	88	2133	1774
Mary E. Holmes, Principal.								
Group X—School No. 100.....	3	4	579	573	464	81	827	752
“ “ 107.....	2	15	968	976	741	81	1448	1211
“ “ 109.....	2	12	506	512	394	77	733	693
“ “ 110.....	3	8	771	732	624	85	1017	891
“ “ 116.....	1	11	463	471	424	90	491	538
Totals.....	11	50	3287	3204	2647	83	4516	4085
Joseph H. Lockerman, Principal.								
Group Y—School No. 106.....	3	14	628	603	510	85	871	739
“ “ 112.....	3	29	1501	1451	1235	85	2060	1812
“ “ 118.....	4	6	390	418	333	80	576	514
Totals.....	10	49	2519	2472	2078	84	3507	3065
George B. Murphy, Principal.								
Group Z—School No. 101 }.....	4	16	818	817	663	81	1206	1093
“ “ 111 }.....	2	8	512	479	396	83	728	622
“ “ 105.....	1	6	270	251	204	81	396	340
“ “ 108.....	3	10	673	629	512	81	906	800
“ “ 113.....	2	3	236	226	196	86	334	281
Totals.....	12	43	2509	2402	1971	82	3570	3136
Harry T. Pratt, Principal								
Parental School.....	1	22	28	28	98	40	23	

TABLE A—Continued.

SCHOOLS.	Number of School Buildings, December, 1910.	NO. OF TEACHERS (Including Substitutes in Charge of Classes.)			Number of Pupils Belonging, December 31, 1910.	Average Number Belonging for the Year 1910.	Average Attendance for the Year 1910.	Percentage of Attendance, 1910.	Total Enrollment for the Year 1910.		Number Belonging, including Temporary Withdrawals, December 31, 1910.
		Men, 1910.	Women, 1910.	Total, 1910.					Boys.	Girls.	
Baltimore City College.....	2	33	.....	33	871	899	839	92	959	.....	907
Eastern High School.....	1	1	32	33	801	819	776	95	.....	891	860
Western High School.....	1	2	37	39	1,056	1,015	956	94	.....	1,032	1,138
Baltimore Polytechnic Institute..	4	39	.....	39	831	787	740	94	851	.....	872
Colored High School.....	6	16	12	28	500	508	489	96	156	364	654
Teachers' Training School.....	.....	.....	4	4	152	157	151	95	.....	92	159
Colored Training School.....	.....	2	2	4	81	88	86	98	13	114	86
Totals.....	14	93	87	180	4,292	4,273	4,037	95	1,979	2,493	4,676
Secondary Schools.....	.....	.....	.....	.....	.....	.....	.....	.....	4,472	.....	.....
Group A.....	6	1	77	78	2,863	2,763	2,457	89	2,062	1,837	3,105
" B.....	4	2	61	63	2,489	2,399	2,127	89	1,694	1,535	2,625
" C.....	4	2	54	56	2,216	2,178	2,000	92	1,397	1,476	2,360
" D.....	6	1	61	62	2,520	2,516	2,183	87	1,494	1,701	2,627
" E.....	11	6	69	75	3,143	3,089	2,795	90	2,070	1,860	3,418
" F.....	6	2	72	74	2,736	2,779	2,502	90	1,825	1,748	2,976
" G.....	5	4	62	66	2,419	2,449	2,198	90	1,661	1,448	2,527
" I.....	4	4	71	75	2,775	2,834	2,554	90	1,841	1,810	3,004

" J.....	3	I	63	64	2,493	2,545	2,289	90	1,677	1,653	2,712
" K.....	7	2	67	69	2,395	2,487	2,256	92	1,573	1,661	2,644
" L.....	2	.....	19	19	674	634	573	90	463	425	710
" M.....	6	2	64	66	2,268	2,385	2,147	90	1,606	1,492	2,414
" N.....	7	2	57	59	2,274	2,259	2,005	88	1,468	1,437	2,418
" O.....	5	I	57	58	2,387	2,437	2,165	89	1,398	1,355	2,480
" P.....	5	3	57	60	2,399	2,424	2,185	90	1,609	1,492	2,541
" Q.....	6	2	60	62	2,433	2,386	2,146	90	1,572	1,527	2,604
" R.....	5	3	61	64	2,263	2,378	2,149	90	1,533	1,591	2,423
" S.....	7	5	61	66	2,230	2,213	2,022	91	1,470	1,374	2,278
" U.....	5	3	65	68	2,260	2,275	2,059	90	1,489	1,395	2,371
" V.....	6	3	60	63	2,348	2,255	2,046	91	1,462	1,419	2,512
" W.....	5	I	44	45	1,664	1,670	1,486	88	1,035	1,098	1,774
" X.....	10	13	86	99	3,287	3,204	2,647	83	2,029	2,487	4,085
" Y.....	8	11	56	67	2,519	2,472	2,078	84	1,543	1,964	3,065
" Z.....	13	14	50	64	2,509	2,402	1,971	82	1,619	1,951	3,136
Parental School.....	- 1	.....	I	I	22	28	28	98	40	.....	25
Totals.....	147	88	1,455	1,543	57,606	57,461	51,066	89	37,630	37,736	62,832
Elementary Schools.....	.....	.....	.....	.....	.....	.....	.....	.....	75,366	.....	.....
Group Principals.....	.....	23	I	24	.....	.....	.....	.....	.....	.....	.....
Supervisors.....	.....	*2	11	13	.....	.....	.....	.....	.....	.....	.....
Drawing Teachers.....	.....	.....	10	10	.....	.....	.....	.....	.....	.....	.....
Sewing Teachers.....	.....	.....	30	30	.....	.....	.....	.....	.....	.....	.....
Physical Training Teachers.....	.....	.....	2	2	.....	.....	.....	.....	.....	.....	.....
Manual Training Teachers.....	.....	10	4	14	.....	.....	.....	.....	.....	.....	.....
Cooking Teachers.....	.....	.....	14	14	.....	.....	.....	.....	.....	.....	.....
Totals.....	.....	35	72	107	.....	.....	.....	.....	.....	.....	.....
Grand totals.....	161	216	1,614	1,830	61,898	61,734	55,103	89	79,838	.....	67,508

*Included in Faculties of High Schools.

TABLE A—Continued.

COLORED SCHOOLS.	TEACHERS.			Number of Pupils Belonging December, 1910.	Average Number Belonging for the Year 1910.	Average Attendance for the Year 1910.	Percentage of Attendance, 1910.	Total Enrollment for the Year 1910.		Number of Pupils Belonging, including Temporary Withdrawals, Dec. 31, 1910.
	Men.	Women.	Total.					Boys.	Girls.	
Colored High School	12	12	24	500	508	489	96	156	364	654
“ Training “	1	1	2	81	88	86	98	13	114	86
School No. 100	3	4	7	579	573	464	81	395	432	752
“ 101(& 111)	4	16	20	818	817	663	81	521	685	1093
“ 105	2	8	10	512	479	396	83	380	348	622
“ 106	3	14	17	628	603	510	85	405	466	739
“ 107	2	15	17	968	916	741	81	675	773	1211
“ 108	1	6	7	270	251	204	81	181	215	340
“ 109	2	12	14	506	512	394	77	320	413	693
“ 110	3	8	11	771	732	624	85	477	540	891
“ 112	3	29	32	1501	1451	1235	85	597	1463	1812
“ 113	3	10	13	673	629	512	81	406	500	800
“ 115	2	3	5	236	226	196	86	131	203	281
“ 116	1	11	12	463	471	424	90	162	329	538
“ 118	4	6	10	390	418	333	80	541	35	514
Totals.....	46	155	201	8896	8674	7271	84	5360	6880	11026
								12240		

TABLE A—Continued.

NIGHT SCHOOLS.	Teachers.			Number Belonging Dec. 31, 1910.		Average Number Belonging for Year 1910.		Average Attendance for Year 1910.		Percentage of Attendance for the Year 1910.		Total Enrollment for the Year 1910.	
	Men.	Women.	Total.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.
Evening High School.....	13	.....	13	285	6	310	7	203	5	66	77	902	36
Baltimore City College.....	4	4	8	174	158	145	133	125	110	86	83	393	348
Night School No. 5.....	2	2	4	56	19	74	31	45	22	61	70	327	153
“ “ “ 30.....	4	1	5	55	17	74	21	56	17	76	81	208	72
“ “ “ 42.....	11	6	17	263	139	243	127	217	107	89	84	739	383
“ “ “ 43.....	6	8	14	176	95	157	85	121	66	78	77	642	346
“ “ “ 44.....	5	1	6	98	33	105	49	96	31	91	63	308	103
“ “ “ 55.....	3	1	4	37	16	49	19	31	12	63	63	144	56
“ “ “ 76.....	2	.....	2	21	8	23	10	17	8	73	80	67	50
“ “ “ 81.....	1	.....	1	20	.....	24	.....	19	.....	80	.....	59	.....
“ “ “ 83.....	2	1	3	50	23	52	21	37	16	71	76	166	68
Totals.....	53	24	77	1,235	514	1,256	503	967	394	77	78	3,955	1,615
Colored Evening High School...	7	8	15	98	285	129	257	84	180	76	75	338	678
Colored Night School No. 101...	4	.....	4	51	58	46	55	34	39	74	71	105	108
“ “ “ “ 106...	2	1	3	53	44	39	32	26	23	67	72	78	100
“ “ “ “ 112...	4	1	5	62	63	52	77	38	54	73	70	128	201
“ “ “ “ 113...	3	.....	3	25	29	24	27	16	21	66	78	54	73
“ “ “ “ 115...	1	1	2	15	36	12	28	11	19	90	68	15	38
Totals.....	21	11	32	304	515	302	476	209	336	69	70	718	1,198
Total Night Schools.....	74	35	109	1,539	1,029	1,558	979	1,176	730	75	74	4,673	2,813

TABLE A—*Concluded.*

NIGHT COOKING SCHOOLS.	Number of Nights per week.	Number of Pupils Belonging December 31, 1910.	Average Number Belonging for the Year 1910.	Average Attendance for the Year 1910.	Percentage of Attendance for the Year 1910.	Total Enrollment for the Year 1910.
Night Cooking School No. 17.....	2	45	42	35	83	114
Night Cooking School No. 40.....	2	39	34	28	82	82
Night Cooking School No. 45.....	2	41	36	29	81	85
Night Cooking School No. 47.....	2	38	34	27	79	40
Night Cooking School No. 74.....	3	52	45	33	73	109
Night Cooking School No. 75.....	3	58	62	50	81	145
Night Cooking School No. 81.....	3	44	52	34	65	85
Night Cooking School No. 85.....	2	53	44	35	80	78
Night Cooking School No. 97.....	3	58	56	44	79	107
Night Cooking School No. 98.....	3	41	45	34	76	110
Totals.....	*25	469	450	349	78	955
Grand Totals, Night Schools.....		3,037	2,987	2,255	75	8,441

	1909	1910	Decrease
Number belonging December 31.....	3,225	3,037	188
Average number belonging for the year.....	3,301	2,987	314
Average attendance for the year.....	2,474	2,255	219
Percentage of attendance for the year.....	75	75	.....
Total enrollment for the year.....	9,024	8,441	583

*These 25 lessons per week were given by 11 different teachers.

TABLE B.
DIFFERENT GRADES OF SCHOOLS COMPARED.

	Year 1910.	Year 1909.	In- crease
Number of pupils in Baltimore City College.....	907	923	*16
Number of pupils in Eastern High School.....	860	885	*25
Number of pupils in Western High School.....	1,138	1,021	117
Number of pupils in Balto. Polytechnic Institute	872	776	96
Number of pupils in Colored High School.....	654	612	42
	4,431	4,217	214
Number of pupils in Teachers' Training School	159	161	*2
Number of pupils in Colored Training School	86	82	4
Elementary Schools.....	4,676	4,460	216
	62,832	63,660	*828
Totals.....	†67,508	68,120	*612

*Decrease †No. in care.

TABLE C.
DIFFERENT GRADES OF CLASSES COMPARED.

	1910	1909	Inc.	Dec
Number of pupils in Fifth year.....	12	3	9	.....
“ “ Fourth year.....	591	541	50	.....
“ “ Third year.....	722	712	10	.....
“ “ Second year.....	1,272	1,124	148	.....
“ “ First year.....	1,834	1,837	.....	3
Training Schools.....	245	243	2	.....
Number of pupils in Eighth grade.....	2,571	2,402	169	.....
“ “ Seventh grade.....	3,559	3,618	.....	59
“ “ Sixth grade.....	5,219	5,145	74	.....
“ “ Fifth grade.....	7,127	7,175	.....	48
“ “ Fourth grade.....	8,890	9,215	.....	325
“ “ Third grade.....	10,175	10,139	36	.....
“ “ Second grade.....	10,865	11,040	.....	185
“ “ First grade.....	13,418	13,876	.....	458
“ “ Kindergartens.....	1,008	1,050	.....	42
Totals.....	67,508	68,120	498	1120

Preparatory classes included in the above.

TABLE D.

Showing the number of Pupils and Teachers in the Public Schools belonging at the time of making the Report each year, from the year 1829, when the first public school was opened, to the year 1910, inclusive.

This statement does not include Night Schools.

Date.	Teachers.	Pupils.	Date.	Teachers.	Pupils.
1829	3	269	1870	549	23,898
1830	5	402	1871	559	24,479
1831	5	627	1872	581	25,092
1832	5	640	1873	558	26,663
1833	5	544	1874	626	27,634
1834	8	859	1875	672	29,942
1835	8	747	1876	717	31,071
1836	8	814	1877	734	32,523
1837	8	659	1878	784	34,002
1838	8	675	1879	798	35,595
1839	16	1,126	1880	799	35,297
1840	22	1,834	1881	824	35,630
1841	27	2,331	1882	826	35,639
1842	28	2,464	1883	855	37,546
1843	30	2,669	1884	893	38,618
1844	38	3,366	1885	930	39,828
1845	52	4,313	1886	972	39,779
1846	65	5,087	1887	994	41,199
1847	90	6,439	1888	1,119	46,521
1848	100	6,696	1889	1,187	48,850
1849	110	6,763	1890	1,244	50,899
1850	119	7,093	1891	1,301	52,543
1851	138	8,011	1892	1,382	54,406
1852	175	9,081	1893	1,464	57,048
1853	186	9,447	1894	1,557	59,808
1854	207	9,717	1895	1,614	61,271
1855	217	10,588	1896	1,719	63,087
1856	238	11,441	1897	1,794	64,602
1857	245	11,269	1898	1,827	65,170
1858	256	11,587	1899	1,802	65,289
1859	267	11,750	1900	1,676	64,720
1860	284	13,186	1901	1,647	64,918
1861	295	13,424	1902	1,679	66,399
1862	311	13,888	1903	1,689	67,368
1863	333	14,874	1904	1,692	68,093
1864	343	15,319	1905	1,635	67,964
1865	366	15,957	1906	1,657	69,446
1866	402	17,550	1907	1,686	68,723
1867	490	22,073	1908	1,684	68,920
1868	537	21,903	1909	1,682	68,120
1869	540	23,552	1910	1,723	67,508

TABLE E—NUMBER OF PUPILS IN FIRST YEAR HIGH SCHOOL.

SCHOOLS.	BETWEEN THE AGES OF—														Totals.		Grand Totals.									
	12-13		13-14		14-15		15-16		16-17		17-18		18-19		19-20			20-21		21-22		22 and over				
	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.		Boys.	Girls.	Boys.	Girls.	Boys.	Girls.			
Baltimore City College.....	3	.....	31	.....	130	.....	116	.....	70	.....	21	.....	3	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	375	.....	375
Eastern High School.....	.....	.....	.....	27	.....	118	.....	108	.....	40	.....	8	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	304	304
Western High School.....	.....	1	.....	30	.....	125	.....	149	.....	101	.....	42	.....	2	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	451	451
Balto. Polytechnic Institute.....	4	.....	14	.....	89	.....	125	.....	95	.....	57	.....	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	396	396
Colored High School.....	.....	1	3	3	6	23	17	45	33	65	17	48	11	25	2	4	.....	5	.....	.....	.....	.....	.....	89	219	308
Teachers' Training School.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	20	.....	30	.....	15	.....	6	.....	.....	.....	.....	.....	.....	73	73
Colored Training School.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	7	2	.....	9	.....	13	.....	2	.....	.....	.....	8	27	35
Totals.....	7	2	48	65	225	266	258	302	198	208	96	119	33	62	2	29	1	24	.....	2	.....	.....	868	1074	1942	

SCHOOL COMMISSIONERS.

TABLE E—Continued—NUMBER OF PUPILS IN SECOND YEAR HIGH SCHOOL

SCHOOLS.	BETWEEN THE AGES OF—																				Totals.		Grand Totals.				
	12-13		13-14		14-15		15-16		16-17		17-18		18-19		19-20		20-21		21-22		22 and over			Boys.	Girls.		
	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.							
Baltimore City College..			1		29		106		79		26		13					1					255		255		
Eastern High School....				16		58		93		76		25		5										273		273	
Western High School...				4		34		106		102		54		13		1									314		314
Baltimore Polytechnic Institute					9		57		83		52		26		8		1							236		236	
Colored High School...					1	1	4	21	14	41	17	48	9	27	2	6	1	1	1					49	145	194	
Teachers' Training School										1		6		23		30		26							86	86	
Colored Training School												2		6		7	1	12		6	4	13	5	46		51	
Totals.....			1	20	39	93	167	220	176	220	95	135	48	74	10	44	4	39	1	6	4	13	545	864	1409		

TABLE E—Continued—NUMBER OF PUPILS IN THIRD YEAR HIGH SCHOOL.

SCHOOLS.	BETWEEN THE AGES OF—																				Totals.		Grand Totals.			
	12-13		13-14		14-15		15-16		16-17		17-18		18-19		19-20		20-21		21-22		22 and over.			Boys.	Girls.	
	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.						
Baltimore City College..	4	.....	22	.....	76	.....	36	.....	13	.....	5	.....	.....	.....	.....	.....	.....	.....	.....	156	.....	156
Eastern High School...	10	.....	32	.....	51	.....	44	.....	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	145	145
Western High School..	8	.....	37	.....	67	.....	48	.....	30	.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....	197	192
Baltimore Polytechnic Institute.....	4	.....	37	.....	52	.....	24	.....	14	.....	5	.....	.....	3	.....	.....	.....	.....	139	.....	139
Colored High School Teachers' Training School.....	3	2	6	1	15	19	12	21	6	4	.....	.....	.....	.....	1	.....	.....	.....	42	48	90
Colored Training School.....
Totals.....	4	18	29	71	119	119	103	111	49	59	25	5	5	.....	3	2	.....	.....	.....	337	385	722

TABLE E—Continued—NUMBER OF PUPILS IN FOURTH YEAR HIGH SCHOOL.

SCHOOLS.	BETWEEN THE AGES OF—																				Totals.		Grand Totals.		
	12-13		13-14		14-15		15-16		16-17		17-18		18-19		19-20		20-21		21-22		22 and over.			Boys.	Girls.
	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.					
Baltimore City College	1	...	26	...	44	...	32	...	18	...	...	...	...	...	...	...	121	...	121	
Eastern High School...	2	...	11	...	31	...	51	...	28	...	14	...	1	...	...	...	...	...	138	138	
Western High School..	7	...	33	...	67	...	52	...	10	...	...	...	...	...	...	...	169	169	
Balto. Polytechnic Institute.....	6	...	29	...	37	...	23	...	4	...	2	...	...	...	101	...	101	
Colored High School..	5	2	13	5	6	6	11	7	5	1	1	...	...	...	21	41	62	
Teachers' Training School.....	
Colored Training School.....	
Totals.....	2	1	18	32	69	75	131	74	86	47	35	11	6	3	1	...	...	...	243	348	591	

NOTE.—There are 12 pupils in the Fifth Year of the Western High School.

TABLE E—Continued.—NUMBER OF WHITE PUPILS IN FIRST GRADE.

	BETWEEN THE AGES OF—																								Totals.		Grand Totals.	
	5-6		6-7		7-8		8-9		9-10		10-11		11-12		12-13		13-14		14-15		15-16		16-17		Boys.	Girls.		
	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.				
Group A.....	1	1	130	120	145	149	68	40	21	20	14	10	3	3	2											384	343	727
“ B.....	10	7	145	127	104	87	59	44	23	11	6	7	3	1	3	3	1	5	1							358	292	650
“ C.....	3	4	116	129	90	87	27	32	10	10	3	1	6	3	4		1									260	266	526
“ D.....	6	4	154	164	80	69	40	28	7	9	7	5	2	2	2	2	1									298	286	584
“ E.....			203	175	115	91	30	29	9	10		4	1			1	1									360	310	670
“ F.....	4	4	144	153	114	106	64	47	16	12	5	2	4	1	1											352	325	677
“ G.....	7	1	114	114	89	77	35	32	12	11	12		1	4	3			1		1						273	241	514
“ I.....		1	93	97	112	101	34	36	9	8	4	6	1	1		1	2									255	251	506
“ J.....			111	117	134	113	60	50	21	14	6	8	6	2	2											340	304	644
“ K.....		2	92	88	68	79	28	19	6	4					3											197	192	389
“ L.....			36	26	35	25	20	5	3	4	1	1														95	61	156
“ M.....	7	7	128	122	88	62	26	36	19	11	10	3	5	1	1	1		2		1						287	243	530
“ N.....	2	2	91	91	121	137	68	59	29	17	12	13	3	1		2			1							326	323	649
“ O.....	4	1	125	99	88	69	39	36	14	9	3	1		1	1			1								274	217	491
“ P.....			102	138	110	100	33	26	8	4	7	6														260	274	534
“ Q.....			119	96	89	80	22	21	9	8	1	1	1		1			1								242	207	449
“ R.....			84	94	55	58	15	13	4	5		2		3	1											159	175	334
“ S.....	1	1	78	65	74	74	35	48	10	11	4	9	3	4	5		5		1	1			1	2		218	214	432
“ U.....	1		86	70	58	48	17	11	5	4		1	1		1											160	134	303
“ V.....	1		97	77	84	83	19	24	4	12	2	2	1													208	188	396
“ W.....			64	51	67	70	33	31	10	11	7	1	1		3			1	1							186	165	351
Parental.....							1																			1		1
Totals.....	47	35	2312	2213	1920	1765	773	667	249	195	104	83	42	27	31	10	11	6	9	4	2	6	2			5502	5011	10,513

TABLE E.—Continued.—NUMBER OF WHITE PUPILS IN THIRD GRADE.

Group	BETWEEN THE AGES OF—																		Totals.		Grand Totals.						
	5-6		6-7		7-8		8-9		9-10		10-11		11-12		12-13		13-14		14-15			15-16		16-17		Boys.	Girls.
	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.		Boys.	Girls.				
A.....					3		76	80	92	92	74	64	37	23	22	11	11	8	1	2					325	293	618
B.....					6	9	33	36	70	51	62	37	25	23	13	9	6	3	1	1					232	176	408
C.....						1	44	52	60	76	52	44	33	21	17	23	10	5	2	6					218	228	446
D.....					5	8	41	54	71	62	45	52	32	29	15	18	4	6	4	2	1				218	231	449
E.....					2	4	57	57	60	74	75	61	45	29	27	9	12	4	6		1				285	238	523
F.....						2	33	41	63	60	57	63	29	20	23	16	8	7	3	1	1				217	210	427
G.....					9	7	40	50	64	67	51	48	27	15	21	10	13	6	1	2	2				225	205	433
I.....					3	3	47	60	86	67	61	51	27	23	19	13	7	7	2	3	1				253	227	480
J.....						2	37	53	55	69	79	56	33	25	28	16	5	4	3	3	1				241	228	469
K.....					4	6	54	66	51	48	35	39	20	20	14	7	7	4	3	2	1		1		190	192	382
L.....					8	10	20	17	13	20	10	16	7	4	3	3	3	1	1						65	71	136
M.....					1	3	30	36	50	61	54	66	35	13	15	14	8	3	4	2	1	1	1		199	199	398
N.....					1	1	33	38	60	71	54	57	31	35	20	22	6	10	1	2	2	2			208	238	446
O.....					3	9	61	57	49	64	41	46	21	12	11	11	9	2	3						198	201	399

"	P	.....	1	4	52	53	68	64	44	45	29	13	9	13	2	.....	3	1	1	1	.....	209	194	403		
"	Q	.....	3	1	67	53	71	53	37	33	23	10	7	9	2	1	1	.....	.....	.....	.....	211	160	371
"	R	.....	2	5	23	56	66	62	38	25	27	16	23	9	10	1	5	3	1	.....	.....	195	177	372		
"	S	.....	2	4	38	29	51	49	28	26	20	25	13	15	11	4	3	1	.....	.....	.....	166	153	319	
"	U	.....	8	7	48	44	38	39	28	24	16	10	9	4	4	4	1	.....	1	.....	.....	153	132	285	
"	V	.....	4	5	68	62	76	59	30	23	17	10	10	4	5	3	5	2	1	.....	.....	216	168	384		
"	W	.....	1	1	21	33	41	51	39	26	18	20	23	4	7	3	3	1	2	.....	.....	155	139	294		
Parental			.....	.....	.....	.....	3	.....	2	.....	6	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	13	.....	13
Totals			66	92	923	1027	1258	1259	996	902	558	396	352	255	155	92	65	33	20	4	2	4395	4060	8455

TABLE E—Continued.—NUMBER OF WHITE PUPILS IN FOURTH GRADE.

Group	BETWEEN THE AGES OF—																				Totals.		Grand Totals.		
	6-7		7-8		8-9		9-10		10-11		11-12		12-13		13-14		14-15		15-16		16-17			Boys.	Girls.
	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.					
A			1	7	36	31	56	72	47	40	31	32	16	4	9	1	2		1			199	187	386	
B			3	7	26	26	60	54	40	48	44	29	20	14	1		3	1				197	179	376	
C			3	2	19	27	48	54	40	30	31	33	13	9	5	1						159	156	315	
D		2	5	4	23	53	40	52	35	48	31	27	22	18	5	2		1				163	205	368	
E			5	4	60	70	82	73	61	70	40	39	28	10	2	1						278	267	545	
F				8	32	31	62	86	65	74	53	45	33	18	11	3	2					258	265	523	
G			4	6	24	35	69	47	41	47	32	33	20	14	8	4	2	2				200	188	388	
I			4	10	36	32	77	57	46	49	32	34	18	20	16	8	1			1		230	211	441	
J			3	1	27	50	57	61	44	51	39	32	21	9	7	6	1	1				199	211	410	
K			7	8	46	34	53	58	33	45	17	18	9	7	4	4	1		2			172	174	346	
L					8	6	16	17	13	13	11	13	6	7	1	1	1					56	57	113	
M			2	2	26	24	50	46	58	41	43	16	21	8	5	2						205	139	344	
N			2	2	16	22	43	52	38	43	41	33	25	9	7	2	1					173	163	336	

" O	2	3	2	53	61	46	57	59	39	31	29	13	9	10	6	2	217	205	422	
" P	2	3	43	34	57	71	54	51	29	40	16	12	8	2	2	1	211	214	425	
" Q	8	9	37	50	51	55	46	29	19	30	19	9	4	3	1	.....	2	.....	187	185	372
" R	2	4	23	39	51	47	45	33	16	25	10	14	5	5	2	1	1	.....	155	168	323	
" S	1	1	23	26	48	43	28	31	22	29	18	10	8	6	2	1	1	.....	151	147	298	
" U	11	5	49	51	46	52	24	31	11	15	7	6	1	.....	.....	.....	.....	.....	149	160	309
" V	4	7	50	48	57	53	33	28	28	21	7	11	7	.....	2	.....	.....	.....	188	168	356
" W	1	.....	24	29	35	40	22	35	15	11	10	5	5	1	1	.....	.....	.....	113	121	234
Parental	.....	.....	.....	.....	.....	2	.....	2	.....	2	..	1	.....	.....	.....	.....	.....	.....	7	...	7
Totals	2	2	71	92	681	779	1106	1147	874	876	618	584	353	223	129	58	26	8	7	1	3867	3770	7637

TABLE E—Continued—NUMBER OF WHITE PUPILS IN SIXTH GRADE.

	BETWEEN THE AGES OF—																				Totals.		Grand Totals.				
	7 8		8-9		9 10		10 11		11-12		12-13		13-14		14-15		15-16		16-17		17-18			18-19			
	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.		Boys.	Girls.		
Group A..						6	6	19	9	46	30	23	23	12	6	1									107	74	181
" B..						3	3	26	31	29	30	28	15	10	5	2									98	84	182
" C..						5	5	15	12	18	31	22	25	12	11	2	1								74	85	159
" D..					2	2	6	14	23	34	40	22	28	13	10	3	2								90	109	199
" E..						6	4	38	45	48	66	45	38	17	7	4	5								158	165	323
" F..							2	16	19	37	24	29	29	26	17	7	3	1							116	94	210
" G..						6	7	23	17	37	43	27	29	8	8	3	5								104	109	213
" I..						6	2	33	24	36	56	47	58	25	29	10	12	2	1						159	182	341
" J..						2	3	11	20	56	30	40	36	15	13	7	2								131	104	235
" K..					1	4	2	25	31	36	49	27	54	29	12	4	5		1						125	155	280
" L..					2	2	4	11	2	6	5	2	1												21	14	35
" M..						2	1	10	18	32	21	25	30	15	18	6	3	1		1					92	91	183
" N..								10	15	25	30	26	20	19	11	5	4	2		1					88	80	168

" O...	10	3	16	20	35	30	19	27	16	17	6	3	2	102	102	204				
" P...	2	2	18	21	36	42	42	24	19	16	4	4	2	121	111	232				
" Q...	7	2	38	39	37	47	32	29	13	25	6	8	2	133	152	285				
" R...	4	6	19	30	38	46	39	36	21	24	6	7	2	129	150	279				
" S...	1	3	2	14	18	22	35	45	36	17	15	7	5	110	112	222				
" U...	1	2	9	13	36	30	53	49	30	31	13	26	4	148	160	308				
" V...	4	6	27	28	48	38	29	35	18	13	6	6	1	132	127	259				
" W...	1	1	9	22	16	28	20	22	12	2	3	1	2	63	76	139				
Parental...																				
Totals...	3	6	84	80	428	474	725	770	619	626	330	285	96	82	13	13	3	2301	2336	4637

TABLE E—Continued.—NUMBER OF WHITE PUPILS IN SEVENTH GRADE.

	BETWEEN THE AGES OF—																				Totals.		Grand Totals.				
	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	Boys.	Girls.													
	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.													
Group A.....					2	5	14	21	26	18	9	8	5	5	1	1								57	58	115	
“ B.....				1	2	1	8	17	30	21	9	10	2	2	1										49	52	101
“ C.....					1	1	3	9	11	14	22	15	1	8	1		1								40	47	87
“ D.....					1	4	7	9	20	28	8	7	3	6	1										40	54	94
“ E.....					8		46	31	30	22	17	11	1	3	1										105	67	172
“ F.....					2	1	5	12	13	13	14	20	9	6	7	5									50	57	107
“ G.....				1	2	1	22	15	26	20	12	16	4	3		2									67	57	124
“ I.....					4	4	21	14	27	31	29	34	14	10	9	8	2								106	113	219
“ J.....					2	1	7	17	18	31	16	9	8	8	3	6							1		54	73	127
“ K.....				1	12	12	31	36	49	51	25	33	14	9	2	3									133	145	278
“ L.....							1	3	3	5		2													4	10	14
“ M.....					1		6	7	11	9	21	15	15	8	1	3									55	42	97
“ N.....					2	3	1	5	10	13	4	5	6	8	2										25	34	59
“ O.....					4	4	14	21	18	25	13	15	7	5		3									56	73	129

" P...	...	...	...	...	...	...	...	...	1	11	11	16	18	17	18	6	3	.....	.....	.....	.....	.....	.....	50	51	101	
" Q...	...	...	...	...	...	...	...	...	2	4	24	36	26	46	25	33	14	12	4	3	.....	.....	1	.....	96	134	230
" R...	...	...	...	...	...	...	...	...	2	10	24	35	26	46	20	23	12	7	1	2	.....	.....	.....	.....	85	123	208
" S...	...	...	...	...	...	...	...	1	4	4	31	27	39	37	27	22	12	15	.....	.....	.....	.....	.....	.....	113	106	219
" U...	...	...	...	...	...	...	1	.....	10	14	50	49	65	54	31	43	19	21	6	6	.....	1	1	.....	183	188	371
" V...	...	...	...	...	...	...	...	...	4	6	34	32	33	37	25	22	19	14	2	4	.....	.....	.....	.....	117	115	232
" W...	...	...	...	...	...	...	...	...	1	.....	7	12	12	18	11	12	8	2	1	.....	.....	.....	.....	.....	40	44	84
Parental..	...	...	...	...	...	...	...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Totals...	2	3	66	76	369	419	509	560	352	373	179	164	43	46	3	1	2	1	1525	1643	3168

" O...	1	3	12	16	17	18	10	8	2	4	.....	.....	.....	.....	43	49	92
" P...	1	.....	15	13	10	7	12	7	5	1	.....	1	.....	.....	43	29	72
" Q...	4	2	22	22	24	36	9	17	6	3	.....	.....	.....	.....	65	80	145
" R...	1	1	12	29	22	26	18	31	5	14	1	.....	.....	1	59	102	161
" S...	3	5	3	36	23	33	30	20	21	11	3	1	105	84	189	
" U...	1	1	9	8	34	32	31	42	21	23	5	9	3	1	104	116	220	
" V...	2	6	17	36	24	35	19	32	8	15	2	5	1	73	129	202
" W...	5	2	8	13	13	16	11	7	4	4	41	42	83	
Parental...
Totals...	9	16	62	75	295	365	355	392	234	272	75	84	15	10	2	2	1047	1216	2263

TABLE E—Continued.—RECAPITULATION.

SCHOOLS—GROUPS.	NUMBER OF WHITE PUPILS BETWEEN THE AGES OF—																	Totals.		
	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21		21-22	22 and over
Baltimore City College.....	3	32	163	245	251	127	61	23	2	..	..	907
Eastern High School.....	43	188	244	198	128	44	14	1	..	..	860
Western High School.....	1	34	167	209	303	213	106	13	..	2	..	1138
Baltimore Polytechnic Institute..	4	14	98	186	221	190	99	45	10	5	..	872
Teachers' Training School.....	3	26	53	45	32	..	..	159
Totals.....	8	123	616	974	976	684	363	140	45	7	..	3936
Group A.....	..	86	318	471	485	403	423	311	295	193	82	30	8	..	..	..	..	..	..	3105
" B.....	..	45	303	312	341	323	348	304	314	217	80	32	5	1	..	..	..	..	..	2625
" C.....	..	32	269	289	315	294	312	268	265	160	122	29	4	1	..	..	..	..	..	2360
" D.....	..	68	375	328	303	345	279	288	282	227	96	33	3	..	..	..	..	..	..	2627
" E.....	386	395	422	400	426	435	441	315	145	46	6	1	..	..	..	..	..	3418
" F.....	..	41	321	353	368	343	421	351	331	245	141	42	18	1	..	..	..	..	..	2976
" G.....	..	1	31	245	271	302	292	342	280	335	248	122	52	6	..	..	..	..	..	2527
" I.....	..	36	205	362	372	319	374	326	340	320	219	98	29	4	..	..	..	..	..	3004
" J.....	229	365	391	350	346	308	308	235	103	52	22	2	1	..	..	..	..	2712

TABLE E—Continued.—NUMBER OF COLORED PUPILS IN FIRST GRADE.

	BETWEEN THE AGES OF--																				Totals.		Grand Totals.				
	5-6		6-7		7-8		8-9		9-10		10-11		11-12		12-13		13-14		14-15					15-16		16-17	
	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.		Boys.	Girls.	Boys.	Girls.
Group X.....	8	14	133	158	141	149	89	110	71	52	36	29	25	17	11	4	12	6	7	2	2	1	1	.....	536	542	1078
“ Y.....	17	24	111	141	105	105	60	58	30	32	23	22	16	7	10	9	5	3	1	.....	1	1	.....	.....	379	402	781
“ Z.....	32	48	110	133	123	135	87	83	52	60	41	37	27	16	20	14	10	11	1	4	2	.....	.....	.....	505	541	1046
Totals.....	57	86	354	432	369	389	236	251	153	144	100	88	68	40	41	27	27	20	9	6	5	2	1	.....	1420	1485	2905

TABLE E—Continued —NUMBER OF COLORED PUPILS IN SECOND GRADE.

	BETWEEN THE AGES OF—																								Totals.		Grand Totals.
	5-6		6-7		7-8		8-9		9-10		10-11		11-12		12-13		13-14		14-15		15-16		16-17		Boys.	Girls.	
	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.					
Group X.....	6	12	41	56	87	91	82	81	95	83	58	46	47	29	28	27	13	8	10	2	1	.....	468	435	903
“ Y.....	...	2	13	26	35	47	68	67	52	65	50	33	13	19	23	13	12	15	10	2	11	..	5	2	292	291	583
“ Z.....	4	8	27	33	55	71	57	55	60	61	32	35	20	25	24	13	11	3	1	1	.....	1	291	306	597
Totals.....	..	2	23	46	103	136	210	229	191	201	205	177	103	100	90	67	64	55	34	13	22	3	6	3	1051	1032	2083

TABLE E—Continued.—NUMBER OF COLORED PUPILS IN THIRD GRADE.

	BETWEEN THE AGES OF—																								Totals.		Grand Totals.
	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17															
	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.			
Group X	3	7	23	45	39	69	63	74	43	70	54	71	51	40	29	18	17	5	3	2	325	401	726
“ Y	9	8	27	48	41	60	53	59	35	40	30	37	23	32	11	15	6	1	2	1	246	301	547
“ Z	8	4	22	57	38	41	41	41	40	33	29	32	19	13	10	12	5	1	1	.....	213	234	447
Totals.....	20	19	72	150	118	170	157	174	118	143	122	140	93	85	50	45	28	7	6	3	784	936	1720

TABLE E—Continued. — NUMBER OF COLORED PUPILS IN FOURTH GRADE.

	BETWEEN THE AGES OF —																						Totals.		Grand Totals.		
	6-7		7-8		8-9		9-10		10-11		11-12		12-13		13-14		14-15		15-16		16-17		17-18			Boys.	Girls.
	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.		Boys.	Girls.
Group X.....	1	3	20	23	23	46	36	52	42	66	29	45	30	28	12	10	1	1	.....	.....	194	274	468
“ Y.....	4	11	25	26	31	47	37	42	42	40	31	31	18	24	3	1	.....	1	.....	.....	191	223	414
“ Z.....	2	3	1	10	14	25	25	41	42	44	27	30	28	34	11	21	7	3	2	1	.....	.....	159	212	371
Totals.....	2	3	6	24	59	74	79	134	115	138	111	136	88	110	59	73	22	14	3	3	.....	.....	544	709	1253

TABLE E—Continued.—NUMBER OF COLORED PUPILS IN FIFTH GRADE.

	BETWEEN THE AGES OF—																								Totals.		Grand Totals.
	7-8		8-9		9-10		10-11		11-12		12-13		13-14		14-15		15-16		16-17		17-18		18-19		Boys.	Girls.	
	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.			
Group X.....	1	8	10	30	21	36	28	41	43	62	25	48	16	19	3	10	1	1	.....	.....	148	255	403
“ Y.....	7	6	23	18	28	18	26	17	35	14	20	6	8	2	1	.....	1	.....	.....	81	149	230	
“ Z.....	1	2	17	24	14	30	31	44	26	34	20	16	7	11	2	4	.....	.....	.....	.....	118	165	283
Totals.....	2	17	33	77	53	94	77	111	86	131	59	84	29	38	7	15	1	2	.....	.....	347	569	916

TABLE E—Continued.—NUMBER OF COLORED PUPILS IN SEVENTH GRADE.

	BETWEEN THE AGES OF—																						Totals.		Grand Totals.
	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19													
	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.							
Group X.....					1		1	1	3	8	12	28	14	25	12	34	12	15	2	1	.....	1	57	113	170
“ Y.....					1	2	6	4	10	13	31	12	23	3	11	1	9	.....	5	.....	.....	35	96	131
“ Z.....					1	3	11	5	4	9	21	11	15	4	4	2	.....	.....	.....	34	56	90
Totals.....					1	1	3	8	10	29	30	63	35	69	26	60	17	28	4	6	.....	1	126	265	391

TABLE E—*Concluded.*

SCHOOLS—GROUPS.	NUMBER OF COLORED PUPILS BETWEEN THE AGES OF—																	Totals.		
	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-11-1	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21		21-22	22 and over.
Colored High School.....	.....	.....	.....	.....	.....	.....	.....	.....	1	6	31	92	165	179	116	41	19	4	.....	654
Colored Training School.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	15	16	26	8	17	86
Totals.....	.....	.....	.....	.....	.....	.....	.....	.....	1	6	31	92	165	183	131	57	45	12	17	740
Group X.....	2	20	309	397	449	446	492	426	446	456	322	203	98	15	4	.....	.....	.....	.....	4085
“ Y.....	29	97	291	309	343	338	358	289	312	314	228	93	46	15	3	.....	.....	.....	.....	3065
“ Z.....	.....	114	266	335	386	345	393	330	325	268	187	108	58	15	3	3	.....	.....	.....	3136
Totals.....	31	231	866	1041	1178	1129	1243	1045	1083	1038	737	404	202	45	10	3	.....	.....	.....	10286

TABLE F.

STATEMENT SHOWING NUMBER OF PUPILS IN EACH YEAR.

SECONDARY SCHOOLS.	Fifth Year.		Fourth Year.		Third Year.		Second Year.		First Year.		Totals.		Grand Totals.	
	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.		
Baltimore City College.....	121	.....	156	.....	255	.....	375	.....	907	.....	907	
Eastern High School.....	138	.....	145	.....	273	.....	304	.....	860	860	
Western High School.....	12	.....	169	.....	192	.....	314	.....	451	.....	1138	1138	
Baltimore Polytechnic Institute.....	101	.....	139	.....	236	.....	396	.....	872	.....	872	
Colored High School.....	21	41	42	48	49	145	89	219	201	453	654	
Teachers' Training School.....	86	.....	73	.....	159	159	
Colored Training School.....	5	46	8	27	13	73	86
Totals.....	12	243	348	337	385	545	864	868	1074	1993	2683	4676	

TABLE F—Continued.

ELEMENTARY SCHOOLS.		Kinder- garten.		First Grade.		Second Grade.		Third Grade.		Fourth Grade.		Fifth Grade.		Sixth Grade.		Seventh Grade.		Eighth Grade.		Totals.		Grand Totals.
		Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	
Group A—	School No. 3....	13	29	99	74	95	69	81	75	34	13	2	1	.....	.....	.....	.....	.....	.....	325	260	585
"	" 6....	.....	.....	83	70	63	61	45	47	27	16	.....	.....	.....	.....	.....	.....	.....	.....	218	194	412
"	" 23....	25	21	84	92	74	65	91	75	18	24	.....	.....	.....	.....	.....	.....	.....	.....	292	277	569
"	" 24. }	26	24	118	107	96	99	108	96	22	23	.....	.....	.....	.....	.....	.....	.....	.....	370	351	721
"	" 38. }																					
"	" 47....	.....	.....	.....	.....	.....	.....	.....	.....	98	109	125	136	106	74	57	58	26	29	412	406	818
Totals.....		64	74	384	343	328	294	325	293	199	187	127	136	107	74	57	58	26	29	1617	1488	3105
Group B—	School No. 2....	.....	.....	112	84	65	72	72	60	35	41	.....	.....	.....	.....	.....	.....	.....	.....	284	257	541
"	" 8....	.....	.....	89	109	72	88	83	58	59	38	11	31	.....	.....	.....	.....	.....	.....	314	324	638
"	" 25....	23	21	157	99	103	104	75	58	40	39	.....	.....	.....	.....	.....	.....	.....	.....	398	321	719
"	" 42....	.....	.....	.....	.....	2	.....	2	.....	63	61	130	126	98	84	49	52	30	30	374	353	727
Totals.....		23	21	358	292	242	264	232	176	197	179	141	157	98	84	49	52	30	30	1370	1255	2625
Group C—	School No. 28...	.....	.....	68	57	49	37	51	63	44	44	24	19	.....	.....	.....	.....	.....	.....	236	220	456
"	" 33...	31	16	52	51	49	60	54	55	38	25	36	47	.....	.....	.....	.....	.....	.....	260	254	514
"	" 35...	.....	.....	56	58	53	50	44	35	33	29	31	43	21	16	.....	.....	.....	.....	238	231	469
"	" 84...	.....	.....	84	100	59	70	69	75	44	58	36	50	53	69	40	47	27	40	412	509	921
Totals.....		31	16	260	266	210	217	218	228	159	156	127	159	74	85	40	47	27	40	1146	1214	2360

Group D—School No. 43...	24	25	138	135	117	80	98	91	100	82	56	66	31	37	14	17	17	19	595	552	1147
“ “ 93...	26	31	110	151	121	168	120	140	63	123	47	82	59	72	26	37	21	33	643	837	1480
Totals.....	50	56	298	286	238	248	218	231	163	205	103	148	90	109	40	54	38	52	1238	1389	2627
Group E—School No. 13...	...	...	104	85	93	82	82	73	33	34	13	15	...	...	...	...	...	...	325	289	614
“ “ 27...	...	...	101	112	107	66	80	71	...	30	...	...	...	34	...	...	...	...	288	313	601
“ “ 77...	...	...	...	...	...	...	...	...	112	74	97	98	98	49	62	31	48	58	417	310	727
“ “ 83...	...	...	155	113	136	117	123	94	133	129	89	103	60	82	43	36	33	30	772	704	1476
Totals.....	...	...	360	310	336	265	285	238	278	267	199	216	158	165	105	67	81	88	1802	1616	3418
Group F—School No. 5...	24	22	162	134	133	91	69	70	...	...	...	...	...	...	...	...	...	...	388	317	705
“ “ 26...	...	...	58	70	61	52	52	39	33	55	...	...	...	...	...	...	...	...	204	216	420
“ “ 71...	...	...	...	...	2	...	3	...	107	89	105	85	57	47	24	29	9	18	307	268	575
“ “ 94...	...	...	87	72	68	69	56	74	92	98	70	75	59	47	26	28	15	13	473	476	949
“ “ 97...	...	...	45	49	36	48	37	27	26	23	19	17	...	...	...	...	...	...	163	164	327
Totals.....	24	22	352	325	300	260	217	210	258	265	194	177	116	94	50	57	24	31	1535	1441	2976
Group G—School No. 7...	...	...	107	116	76	83	42	44	...	...	...	...	...	...	...	...	...	...	225	243	468
“ “ 16...	14	25	79	73	69	50	56	51	...	...	...	...	...	...	...	...	...	...	218	199	417
“ “ 40...	...	...	87	52	56	34	77	81	65	56	49	32	25	10	14	11	...	...	373	276	649
“ “ 45...	...	...	...	...	...	...	...	...	41	68	46	43	30	36	20	24	27	20	164	191	355
“ “ 73...	...	...	...	...	...	...	53	29	94	64	86	82	49	63	33	22	32	31	347	291	638
Totals.....	14	25	273	241	201	167	228	205	200	188	181	157	104	109	67	57	59	51	1327	1200	2527

TABLE F—Continued.

ELEMENTARY SCHOOLS.	Kinder- garten-		First Grade.		Second Grade.		Third Grade.		Fourth Grade.		Fifth Grade.		Sixth Grade.		Seventh Grade.		Eighth Grade.		Totals.		Grand Totals.	
	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.		
																						Boys.	Girls.
Group I—School No. 20...	22	23	145	158	148	143	134	129	449	453	902
“ “ 32...	50	49	43	37	57	39	36	33	21	20	10	28	217	206	423
“ “ 74...	.....	.....	60	44	65	50	62	59	55	50	68	62	56	76	41	48	14	24	421	413	834
“ “ 80...	.....	.....	.....	.....	.....	.....	.....	.....	139	128	90	127	93	78	65	65	25	35	412	433	845
Totals.....	22	23	255	251	256	230	253	227	230	211	179	209	159	182	106	113	39	59	1499	1505	3004	
Group J—School No. 37...	106	95	83	77	56	52	13	28	258	252	510
“ “ 85...	.....	.....	88	71	61	56	65	54	84	85	66	79	78	65	32	46	20	22	494	478	972
“ “ 99...	.....	.....	146	138	116	105	120	122	102	98	53	61	53	39	22	27	17	11	629	601	1230
Totals.....	.....	.....	340	304	260	238	241	228	199	211	119	140	131	104	54	73	37	33	1381	1331	2712
Group K—School No. 50....	27	25	23	16	22	17	21	21	28	14	121	93	214
“ “ 51....	.....	.....	71	65	58	66	66	65	63	64	63	49	57	65	29	41	22	32	429	447	876
“ “ 52....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	38	37	13	24	51	61	112
“ “ 53....	24	36	.....	94	.....	107	.....	93	.....	77	.....	94	.....	77	.....	43	.....	30	24	651	675
“ “ 54....	.....	.....	99	8	86	8	102	17	88	12	79	15	68	13	66	24	57	25	645	122	767
Totals.....	24	36	197	192	167	197	190	192	172	174	170	172	125	155	133	145	92	111	1270	1374	2644	

Group L—School No. 76...	20	21	95	61	67	76	65	71	56	57	36	24	21	14	4	10	5	7	369	341	710
Group M—School No. 4...	23	28	69	57	64	62	57	51	43	37	.....	.....	.....	.....	.....	.....	.....	.....	256	235	491
“ “ 29...	.....	.....	50	46	50	34	38	32	30	30	.....	.....	.....	.....	.....	.....	.....	.....	168	142	310
“ “ 44...	.....	.....	2	.....	3	.....	.....	.....	5	.....	70	67	34	33	25	21	13	16	152	137	289
“ “ 17. }	.....	.....	86	71	62	73	54	70	70	37	49	32	34	27	18	14	12	9	385	333	718
“ “ 70. J	.....	.....	80	69	45	55	50	46	57	35	33	42	24	31	12	7	9	11	310	296	606
“ “ 92...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Totals.....	23	28	287	243	224	224	199	199	205	139	152	141	92	91	55	42	34	36	1271	1143	2414
Group N—School No. 12...	.....	.....	114	124	100	86	82	91	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	296	301	597
“ “ 22...	.....	.....	107	89	50	51	58	63	36	41	.....	.....	3	.....	1	.....	.....	.....	255	244	499
“ “ 34...	.....	.....	105	110	73	89	68	84	33	25	.....	.....	.....	.....	.....	.....	.....	.....	279	308	587
“ “ 72...	.....	.....	.....	.....	.....	.....	.....	.....	104	97	131	140	85	80	24	34	22	18	366	369	735
Totals.....	.....	.....	326	323	223	226	208	238	173	163	131	140	88	80	25	34	22	18	1196	1222	2418
Group O—School No. 10...	.....	.....	69	69	59	39	52	57	44	52	25	24	.....	.....	.....	.....	.....	.....	249	241	490
“ “ 19...	20	23	66	33	49	46	26	21	26	18	20	20	.....	.....	.....	.....	.....	.....	207	161	368
“ “ 30...	.....	.....	60	46	52	53	77	62	69	67	41	44	38	39	12	31	15	17	364	359	723
“ “ 48...	.....	.....	.....	.....	1	.....	4	.....	61	39	48	36	64	63	44	42	28	32	250	212	462
“ “ 86...	.....	.....	79	69	47	46	39	61	17	29	23	27	.....	.....	.....	.....	.....	.....	205	232	437
Totals.....	20	23	274	217	208	184	198	201	217	205	157	151	102	102	56	73	43	49	1275	1205	2480
Group P—School No. 66...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	18	22	31	33	19	17	12	10	80	82	162
“ “ 67...	.....	.....	36	48	38	45	44	35	29	36	21	17	.....	.....	.....	.....	.....	.....	168	181	349
“ “ 68...	.....	.....	50	40	47	32	39	45	48	39	26	36	28	26	16	14	18	9	272	241	513
“ “ 96...	.....	.....	174	186	81	80	26	18	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	281	284	565
“ “ 98...	.....	.....	.....	.....	77	60	100	96	134	139	86	88	62	52	15	20	13	10	487	465	952
Totals.....	.....	.....	260	274	243	217	209	194	211	214	151	163	121	111	50	51	43	29	1288	1253	2541

TABLE F—Continued.

ELEMENTARY SCHOOLS.	Kinder- garten.		First Grade.		Second Grade.		Third Grade.		Fourth Grade.		Fifth Grade.		Sixth Grade.		Seventh Grade.		Eighth Grade.		Totals.		Grand Totals.
	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	
Group Q—School No. 11...	24	27	129	101	99	95	121	87	35	50	9								417	360	777
“ “ 63...			72	72	43	59	55	45	45	42	41	40	36	45	33	39	22	22	347	364	711
“ “ 65...			41	34	46	40	35	28	36	19	15	27	16	16	7	20	5	4	201	188	389
“ “ 78...									71	74	92	95	81	91	56	75	38	54	338	389	727
Totals.....	24	27	242	207	188	194	211	160	187	185	157	162	133	152	96	134	65	80	1303	1301	2604
Group R—School No. 15...			67	61	93	92	93	76											253	229	482
“ “ 31...	19	18	38	40	35	32	33	38	17	30	25	31							167	189	356
“ “ 39...			21	18	25	10	32	31	26	26	25	27							128	113	241
“ “ 75...			1				1		78	70	76	65	94	100	55	94	35	70	340	399	739
“ “ 81...			32	56	31	37	36	32	34	42	51	54	35	50	30	29	24	32	273	332	605
Totals.....	19	18	159	175	184	171	195	177	155	168	177	177	129	150	85	123	59	102	1162	1261	2423
Group S—School No. 1...			39		57		76		81		59		40		77	65	73	46	502	113	615
“ “ 9...	19	31	61	117	10	67		61		69		58		42					90	445	535
“ “ 82...			8		1		5		27	14	13	6	9	14					63	34	97
“ “ 91...			45	43	33	44	35	35	21	27	15	28	40	38	22	17	21	14	232	246	478
“ “ 95...			65	54	46	39	50	57	22	37	26	47	21	18	14	24	11	22	255	298	553
Totals.....	19	31	218	214	147	150	166	153	151	147	113	139	110	112	113	106	105	84	1142	1136	2278

Group U—School No. 14...	...	...	36	40	38	34	33	29	43	40	38*	21	39	51	37	29	.....	.....	264	244	508
“ “ 21...	...	...	40	36	37	27	39	39	20	31	24	28	26	23	.....	.....	.....	.....	186	184	370
“ “ 49...	...	...	11	12	13	12	15	9	20	17	22	7	18	7	81	87	26	39	206	190	396
“ “ 61...	...	...	53	34	43	45	48	34	45	49	36	47	47	65	40	53	52	61	364	388	752
“ “ 79...	16	13	29	12	13	16	18	21	21	23	36	9	18	14	25	19	26	16	202	143	345
Totals.....	16	13	169	134	144	134	153	132	149	160	156	112	148	160	183	188	104	116	1222	1149	2371
Group V—School No. 59...	...	...	27	17	24	21	19	15	13	17	20	13	15	12	11	11	5	12	134	118	252
“ “ 60...	...	...	57	51	61	70	72	50	65	62	52	54	47	37	21	22	26	35	401	381	782
“ “ 62...	...	...	102	101	67	66	97	75	82	60	70	58	49	52	56	60	28	59	551	531	1082
“ “ 64...	...	...	22	19	27	18	28	28	28	29	28	34	21	26	29	22	14	23	197	199	396
Totals.....	...	...	208	188	179	175	216	168	188	168	170	159	132	127	117	115	73	129	1283	1229	2512
Group W—School No. 55...	26	27	90	93	82	90	87	82	66	66	64	72	43	47	30	33	41	42	529	552	1081
“ “ 56...	...	...	46	31	17	28	18	21	13	15	.....	.....	.....	.....	.....	.....	.....	.....	94	95	189
“ “ 57...	...	...	26	27	18	29	22	23	11	21	12	30	6	16	.....	.....	.....	.....	95	140	241
“ “ 58...	...	...	24	14	16	24	28	13	23	19	25	29	14	13	10	11	.....	.....	140	123	263
Totals.....	26	27	186	165	133	171	155	139	113	121	101	131	63	76	40	41	41	42	858	916	1774
Group X—School No. 100...	...	...	116	101	93	94	67	67	40	56	23	51	11	33	.....	.....	.....	.....	350	402	752
“ “ 107...	...	...	204	221	193	182	123	182	44	62	.....	.....	.....	.....	.....	.....	.....	.....	564	647	1211
“ “ 109...	...	...	93	99	74	80	66	74	41	38	14	30	11	30	13	17	2	11	314	379	693
“ “ 110...	...	...	123	121	108	79	69	78	30	61	37	62	14	33	13	32	10	21	404	487	891
“ “ 116...	...	...	.....	.....	.....	.....	.....	.....	39	57	74	112	34	54	31	64	22	51	200	338	538
Totals.....	...	...	536	542	468	435	325	401	194	274	148	255	70	150	57	113	34	83	1832	2253	4085
Group Y—School No. 106...	...	...	116	106	75	95	75	72	45	48	18	34	10	18	6	8	4	9	349	390	739
“ “ 112...	48	35	257	288	79	192	50	222	8	173	16	114	24	110	29	88	18	61	529	1283	1812
“ “ 118...	...	...	6	8	138	4	121	7	138	2	47	1	42	.....	.....	.....	.....	.....	492	22	514
Totals.....	48	35	379	402	292	291	246	301	191	223	81	149	76	128	35	96	22	70	1370	1695	3065

TABLE F- Continued.

ELEMENTARY SCHOOLS.	Kinder- garten.		First Grade.		Second Grade.		Third Grade.		Fourth Grade.		Fifth Grade.		Sixth Grade.		Seventh Grade.		Eighth Grade.		Totals.		Grand Totals.
	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	
Group Z—School No. 101 }			186	217	84	83	46	88	37	75	49	61	32	52	22	22	12	27	468	625	1093
“ “ 111 }																					
“ “ 105..			132	118	77	73	62	43	41	43	12	21							324	298	622
“ “ 108..			76	67	30	32	17	26	20	27	12	21	5	7					160	180	340
“ “ 113..	18	27	87	92	78	86	55	47	52	52	35	52	20	23	10	22	18	26	373	427	800
“ “ 115..			24	47	22	32	30	30	9	15	10	10	8	11	2	12	5	11	113	168	281
Totals.....	18	27	505	541	291	306	213	234	159	212	118	165	65	93	34	56	35	64	1438	1698	313
Parental School.....			1		2		13		7										23		23
Totals.....	485	523	6922	6496	5531	5334	5179	4996	4411	4479	3388	3739	2512	2707	1651	1908	1138	1433	31217	31615	62532
Grand Totals.....	1008		13418		10865		10175		8890		7127		5219		3559		2571		62832		.....

TABLE F—*Concluded.*—RECAPITULATION.

	Boys.	Girls.	Totals
Number in fifth year in the High Schools.....		12	12
“ fourth “ “ “	243	348	591
“ third “ “ “	337	385	722
“ second “ “ “	540	732	1,272
“ first “ “ “	860	974	1,834
“ Training Dept., (White).....		159	159
“ “ (Colored)	13	73	86
Totals.....	1,993	2,683	4,676
Number in Grammar Schools, eighth grade.	1,138	1,433	2,571
“ “ seventh “	1,651	1,908	3,559
“ “ sixth “	2,512	2,707	5,219
“ “ fifth “	3,388	3,739	7,127
“ “ fourth “	4,411	4,479	8,890
Totals..	13,100	14,266	27,366
Number in Primary Schools, third grade....	5,179	4,996	10,175
“ “ second “	5,531	5,334	10,865
“ “ first “	6,922	6,496	13,418
“ Kindergarten.....	485	523	1,008
Totals.....	18,117	17,349	35,466
Number in Secondary Schools.....	1,993	2,683	4,676
“ Grammar grades.....	13,100	14,266	27,366
“ Primary grades	18,117	17,349	35,466
Totals.....	33,210	34,298	67,508

TABLE G.

Group	Kinder- gartens.		First Grade.		Second Grade.		Third Grade.		Fourth Grade.		Fifth Grade.		Sixth Grade.		Seventh Grade.		Eighth Grade.		Totals.		Grand Totals.
	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	
A...	64	74	384	343	328	294	325	293	199	187	127	136	107	74	57	58	26	29	1617	1488	3105
B...	23	21	358	292	242	264	232	176	197	179	141	157	98	84	49	52	30	30	1370	1255	2625
C...	31	16	260	266	210	217	218	228	159	156	127	159	74	85	40	47	27	40	1146	1214	2360
D...	50	56	208	286	238	248	218	231	163	205	103	148	90	109	40	54	38	52	1238	1389	2627
E...	...	...	360	310	336	265	285	238	278	267	199	216	158	165	105	97	81	88	1802	1616	3418
F...	24	22	352	325	300	260	217	210	258	265	194	177	116	94	50	57	24	31	1535	1441	2976
G...	14	25	273	241	201	167	228	205	200	188	181	157	104	109	67	57	59	51	1327	1200	2527
I...	22	23	255	251	256	230	253	227	230	211	179	209	159	182	106	113	39	59	1499	1505	3004
J...	...	...	340	304	260	238	241	228	199	211	119	140	131	104	54	73	37	33	1381	1331	2712
K...	24	36	197	192	167	197	190	192	172	174	170	172	125	155	133	145	92	111	1270	1374	2644
L...	20	21	95	61	67	76	65	71	56	57	36	24	21	14	4	10	5	7	369	341	710
M...	23	28	287	243	224	199	199	205	139	152	141	92	91	55	42	34	36	1271	1143	2414	
N...	...	...	323	223	226	208	238	173	163	131	140	88	80	25	34	22	18	1196	1222	2418	
O...	20	23	274	217	205	184	198	201	217	205	157	151	102	102	56	73	43	49	1275	1205	2480
P...	...	...	260	274	243	217	209	194	211	214	151	163	121	111	50	51	43	29	1288	1253	2541
Q...	24	27	242	207	188	194	211	160	187	185	157	162	133	152	96	134	55	80	1303	1301	2604
R...	19	18	159	175	184	171	195	177	155	168	177	177	129	150	85	123	59	102	1162	1261	2423
S...	19	31	218	214	147	150	166	153	151	147	113	139	110	112	113	106	105	84	1142	1136	2278

"	U...	16	13	169	134	144	134	153	132	149	160	156	112	148	160	183	188	104	116	1222	1149	2371	
"	V...	.....	.....	208	188	179	175	216	168	188	168	170	159	132	127	117	115	73	129	1283	1229	2512
"	W...	26	27	186	165	133	171	155	139	113	121	101	131	63	76	40	44	41	42	858	916	1774	
"	X...	.....	.....	536	542	468	438	325	401	194	274	148	255	70	150	57	113	34	83	1832	2253	4085
"	Y...	48	35	379	402	292	291	246	301	191	223	81	149	76	128	35	96	22	70	1370	1695	3065	
"	Z...	18	27	505	541	291	306	213	234	159	212	118	165	65	93	34	56	35	64	1438	1698	3136	
Parental School....	1	2	13	7	23	23
Totals..	485	523	922	6496	5531	5334	5179	4996	4411	4479	3388	3739	2512	2707	1651	1908	1138	1433	31217	31615	62832		
Grand Total	1,008		13,418		10,865		10,175		8,890		7,127		5,219		3,559		2,571		62,832		.....	

SCHOOL COMMISSIONERS.

TABLE H - TIME OCCUPIED IN ACCOMPLISHING GRADE WORK.

Group	No. Pupils in 4 months or less than 4 months.	No. Pupils in 5 months.	No. Pupils in 6 months.	No. Pupils in 7 months.	No. Pupils in 8 months.	No. Pupils in 9 months.	No. Pupils in 10 months.	No. Pupils in 11 months.	No. Pupils in 12 months.	No. Pupils in 13 months.	No. Pupils in 14 months.	No. Pupils in 15 months.	No. Pupils in more than 15 months.	Total.	No. Pupils in less than 10 months.	No. Pupils in 10 months.	No. Pupils in more than 10 months.
A.....	15	52	9	5	12	30	1649	39	2	13	2	230	284	2342	123	1649	570
B.....	25	122	12	9	20	16	1217	2	4	3	6	280	232	1948	204	1217	527
C.....	20	16	26	46	5	18	1259	92	27	3	8	196	242	1938	111	1259	568
D.....	21	263	16	1	12	10	1279	.....	3	8	3	103	417	2084	271	1279	534
E.....	1	19	2	1	.....	1	1540	1	3	2	.....	239	405	2496	302	1540	654
F.....	9	37	14	1	.....	7	1272	.....	.....	2	4	338	396	2042	30	1272	740
G.....	1	37	12	10	7	3	1368	5	13	39	2	138	254	1899	80	1368	451
H.....	4	95	12	1	9	7	1549	1	1	1	1	439	243	2363	128	1549	686
I.....	8	65	3	13	31	27	1413	4	2	6	1	324	197	2094	147	1413	534
J.....	12	118	77	30	42	10	1557	7	6	19	19	120	269	2302	289	1557	456
K.....	.....	2	3	7	1	.....	272	.....	.....	.....	1	14	139	439	13	272	154
L.....	.....	44	4	2	.....	.....	1067	1	.....	4	.....	446	266	1847	62	1067	717
M.....	12	55	2	1	.....	8	893	3	7	2	4	322	289	1589	69	893	627
N.....	2	63	6	.....	1	10	1368	5	6	1	3	49	217	1736	87	1368	281
O.....	4	60	14	27	4	49	1223	7	9	28	31	255	187	1944	204	1223	517
P.....	27	62	5	58	3	1	1496	.....	6	3	.....	119	257	2029	148	1496	385
Q.....	19	52	12	5	8	16	1416	9	3	3	49	120	226	1960	134	1416	410
R.....	17	66	9	5	8	6	1048	5	5	1	14	266	146	1625	140	1048	437
S.....	36	66	9	5	8	16	1419	2	13	1	15	216	175	2064	223	1419	422
T.....	14	163	7	13	20	6	1384	.....	2	.....	.....	261	122	1832	63	1384	385
U.....	6	31	6	6	12	11	886	.....	3	7	3	229	101	1313	72	886	355
V.....	5	30	10	5	11	11	886	12	3	.....	3	502	229	1313	72	886	355
W.....	5	117	2	13	3	2	1284	1	1	.....	.....	502	251	2207	148	1284	755
X.....	10	118	1	2	3	2	1028	.....	1	1	4	404	214	1680	28	1028	624
Y.....	2	133	.....	3	16	.....	984	2	3	.....	15	251	214	1782	313	984	485
Z.....	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Totals.....	277	1897	280	270	268	370	29871	198	120	147	185	5861	5743	45555	3389	29871	12274

TABLE 1—KINDERGARTENS.

KINDERGARTENS.			No. of Classes.	No. of Teachers.	No. of Assistants.	No. of Pupils Belonging December 31, 1910.	Average No. Belonging for the Year 1910.	Average Attendance for the Year 1910.	Percentage of Attendance for the Year 1910.	Enrollment for the Year 1910.		No. Belonging Inc. Temporary Withdrawals Dec. 31, 1910.
										Boys.	Girls.	
Group A	B	School No. 3.....	1	1	1	37	36	22	61	38	50	42
		" 23.....	1	1	1	36	33	27	82	59	49	46
" C	" D	" 24.....	1	1	1	42	30	28	93	48	51	50
		" 25.....	1	1	1	40	38	33	87	74	35	44
" F	" G	" 33.....	1	1	1	38	38	30	79	57	44	47
		" 43.....	1	1	1	43	41	34	83	31	27	49
" I	" K	" 93.....	1	1	1	46	46	37	80	31	29	57
		" 5.....	1	1	1	29	33	28	85	23	27	46
" L	" M	" 16.....	1	1	1	35	32	30	94	14	27	39
		" 20.....	1	1	1	38	34	25	73	37	45	45
" O	" Q	" 53.....	1	1	1	41	44	36	82	65	67	60
		" 76.....	1	1	1	37	32	28	88	21	25	41
" R	" S	" 4.....	1	1	1	45	46	40	87	44	47	51
		" 19.....	1	1	1	43	37	28	76	39	42	43
" U	" W	" 11.....	1	1	1	42	30	26	87	47	48	51
		" 31.....	1	1	1	26	29	24	83	44	37	37
" Y	" Z	" 9.....	1	1	1	50	45	36	80	42	57	50
		" 79.....	1	1	1	27	27	23	85	23	17	29
" Y	" Z	" 55.....	1	1	1	44	48	37	77	60	62	53
		" 112.....	1	1	2	51	55	45	81	52	50	83
" Z	" Z	" 113.....	1	1	....	37	26	20	77	25	33	45
		Totals.....	21	21	21	827	780	637	1720	874	869	1008
Grand Total.....									1743			

TABLE K.
PREPARATORY CLASSES.

GROUP.	A	B	C	D	E	F	G	I	J	K	L	M	N	O	P	Q	R	S	U	V	W	X	Y	Z	Totals
No. of Classes.....	5	.....	.....	.....	.....	.....	.....	.....	7	7	3	.....	.....	.....	.....	22
Av. No. Belonging..	107	.....	.....	.....	.....	.....	.....	.....	178	228	84	..	..	.....	.....	597
No. of Teachers...	5	.....	.....	.....	.....	.....	.....	.....	7	7	3	.....	.....	.....	.....	22

MANUAL TRAINING CENTERS.

LOCATION.	Instructor.	Groups Represented.	Schools.	Grades.								Totals	
				1st.	2d.	3d.	4th.	5th.	6th.	7th.	8th.		
At School No. 9	Charles A. Pettit	N, R	1, 72, 75, 91, 95								172	139	311
" " 17	Florence G. Bangert	C, M, N	44, 70, 72, 84, 92								117	82	199
" " 40	Elizabeth Swick	D, E, F	40, 43 71, 73, 77, 93								166	120	286
" " 58	Raymond Bealer	W	55, 57, 58					85	63		38		186
" " 64	" "	V	64					28	21		29	14	92
" " 74	Edna M. Johnson	I, K	51, 52, 54, 74								152	108	260
" " 76	" "	L	76										
" " 79	R. Milton Hall	U	14, 49, 61, 79								181	102	283
" " 81	Geo. P. McCeney	Q, U, V	60, 62, 63, 78, 81								199	116	315
" " 98	Jas. B. Jones	O, P	30, 48, 66, 68, 98							95	109	86	290
" " 99	Gilbert F. Bolgiano	I, J	80, 85, 94, 99							43	151	75	269
" " 107	Wm. Briscoe	X	100, 107, 116	9	30	46	27	35	12				159
" " 109 Br.	Lloyd Clark	X	109 Branch					4	2	4	2	2	12
At Col. High School.	J. Clarence Chambers	X, Y, Z	110, 112, 113, 116, 118.							119	83	68	270
Totals				9	30	46	27	152	355	1401	912	2932	

Schools in which Manual Training is Emphasized, Pupils of all Grades Moving to and from a Room, Especially Equipped for the Purpose, on Schedule Time.

LOCATION.	Instructor.	Groups Represented.	Schools.	Grades.								Totals
				Boys—Girls.			Boys.					
				1st.	2nd.	3rd.	4th.	5th.	6th.	7th.	8th.	
At School No. 47	Emma S. Fowler	A	47					18	105	54	28	205
" " 106	Winfort J. Braxton	X, Y	106, 109	171	149	113	62	15	21	17	4	552
" " 108	Lloyd Clark						29	66	36	18	12	161
Totals				171	149	113	91	99	162	89	44	918

COOKERY CENTERS.

LOCATION.	Instructor.	Groups Represented	Schools.	Grades.								Totals		
				1st.	2d.	3d.	4th.	5th.	6th.	7th.	8th.			
At School No. 17.....	Eunice Eves.....	C, M, N.....	35, 44, 70, 72, 84, 92.							175	148	.....	323
“ “ 40.....	Olive Schureman.....	D, F..	40, 43, 71, 73, 93....							111	82	.....	193
“ “ 47.....	Lucretia Hilcken ..	A.....	47.....					134	72	56	30	.....	292
“ “ 58.....	Dorothy Eisenbrandt	W.....	55, 57, 58,.....					86	76	44	.....	.....	206
“ “ 64.....	“ “	V.....	64.....						26	22	23	.....	71
“ “ 74.....	Elizabeth Jones.....	I, K.....	51, 52, 53, 54, 74, 80,.....								253	.....	253
“ “ 75.....	Helen B. Palen.....	N, R.....	1, 75, 91, 95,.....							89	180	.....	269
“ “ 79.....	Anna A. Howland... F, U,.....		14, 45, 49, 61, 79,.....								207	9	216
“ “ 81.....	Flora E. Hammond..	Q, U, V.....	60, 62, 63, 78, 81,.....							47	217	32	296
“ “ 85.....	Agnes Hunsicker... F, J.....		85, 94, 99,.....							158	89	22	269
“ “ 97.....	I Clair Sansbury... B, E, F.....		27, 43, 71, 77, 83,.....							103	143	.....	246
“ “ 98.....	Carrie M. Thornburg	O, P.....	30, 48, 66, 68, 98,.....							124	124	29	277
“ “ 106.....	Daisy E. Bailey.....	X, Y.....	106, 109 Branch.....				49	78	55	29	21	.....	232
“ “ 107 Branch.	Lumina Nunley.....	X, Y.....	110, 112, 116.....							56	184	.....	240
“ “ 108.....	Mary E. Toney.....	Z.....	.....			14	32	84	45	20	22	.....	217
Totals.....	.....	.....	.....			14	81	382	1137	1798	188	.....	3600

TABLES

— FOR THE —

HALF-YEAR

January 1, 1911, to June 30, 1911

TABLES

TABLE A.

Statement showing the Number of Men and Women Teachers and the Number of Pupils Belonging June 30, 1911; the Average Number of Pupils Belonging During the Half Year Ending June 30, 1911, and the Average Attendance for the Half Year; the Percentage of Attendance for the Half Year; the Total Number Enrolled During the Half Year; and the Number of Pupils Belonging, Including Temporary Withdrawals.

SCHOOLS.	Teachers.		Number of Pupils Belonging, June 30, 1911.	Aver. No. Pupils Belonging for Half-Year End. June 30, 1911.	Average Attendance for the Half-Year.	Percentage of Attendance for the Half-Year.	Total Number Enrolled for the Half-Year.	Number of Pupils Belonging, Including Temporary Withdrawals, June 30, 1911.
	Men.	Women.						
Baltimore City College, Francis A. Soper Principal,.....	29	....	683	855	819	94	894	721
Eastern High School, Ernest J. Becker, Principal.....	....	31	746	759	708	93	822	778
Western High School, David E. Weglein, Principal.....	....	36	832	1056	978	93	1092	889
Baltimore Polytechnic Institute, Wm. R. King, Principal.	40	....	725	823	765	93	864	737
Colored High School, Mason A. Hawkins, Principal.....	12	12	527	527	507	96	508	582
Teachers' Training School, Henry S. West, Acting Principal .....	....	4	140	144	138	95	153	147
Colored Training School, Joseph H. Lockerman, Principal	1	1	70	76	74	98	85	76
Totals.....	82	84	3723	4240	3989	94	4418	3930

TABLE A—Continued.

SCHOOLS.	Teachers.		Number of Pupils Belonging, June 30, 1911.	Aver. No. Pupils Belonging for Half-Year End, June 30, 1911.	Average Attendance for the Half-Year.	Percentage of Attendance for the Half-Year.	Total Number Enrolled for the Half-Year.	Number of Pupils Belonging, Including Temporary Withdrawals, June 30, 1911.
	Men.	Women.						
Group K—School No. 53.....	.....	5	216	231	181	90	221	216
“ “ 51.....	1	21	823	833	717	89	889	823
“ “ 52.....	1	4	124	123	117	95	109	124
“ “ 53.....	.....	17	646	606	543	90	692	646
“ “ 54.....	.....	20	699	661	597	90	787	699
Totals.....	2	67	2508	2394	2155	91	2698	2508
Jos. S. Whittington, Principal.								
Group L—School No. 76.....	.....	19	659	648	581	90	737	659
John S. Black, Principal.								
Group M—School No. 4.....	.....	13	457	436	384	88	510	457
“ “ 17.....	1	17	660	645	567	88	723	660
“ “ 70.....		9	283	282	247	88	329	283
“ “ 29.....	.....	8	272	282	252	89	285	272
“ “ 44.....	1	15	582	573	523	91	606	582
“ “ 92.....	.....	.....	.....	.....	.....	.....	.....	.....
Totals.....	2	64	2254	2218	1973	89	2453	2254
Thomas C. Bruff, Principal.								
Group N—School No. 1.....	2	15	543	554	510	90	613	543
“ “ 9.....	1	14	529	505	439	87	560	529
“ “ 12.....	.....	14	583	548	489	89	604	583
“ “ 22.....	.....	12	475	460	397	86	509	475
“ “ 34.....	.....	13	529	543	464	85	623	600
“ “ 72.....	2	16	608	649	585	90	732	608
Totals.....	5	84	3267	3259	2884	89	3641	3338
Judson Hunt, Principal.								

TABLE A—Continued.

SCHOOLS.	Teachers.		Number of Pupils Belonging, June 30, 1911.	Aver. No. Pupils Belonging for Half-Year End, June 30, 1911.	Average Attendance for the Half-Year.	Percentage of Attendance for the Half-Year.	Total Number Enrolled for the Half-Year.	Number of Pupils Belonging, Including Temporary Withdrawals, June 30, 1911.
	Men.	Women.						
Group Y—School No. 103*...	2	12	566	628	521	83	17	695
“ “ 106....	2	14	623	574	485	84	741	691
“ “ 112....	3	22	1034	1195	1004	84	1767	1266
“ “ 118....	4	5	291	339	265	78	457	376
Totals.....	11	53	2514	2736	2275	83	2982	3028
George B. Murphy, Principal.								
Group Z—School No. 101 } *	4	16	748	790	643	81	954	916
“ “ 111 } ..								
“ “ 105....	2	8	491	476	396	83	603	546
“ “ 108....	1	6	231	244	179	71	303	286
“ “ 113....	3	9	634	643	510	79	766	719
“ “ 115....	2	3	227	232	195	84	276	260
Totals.....	12	42	2331	2385	1923	80	2902	2727
Harry T. Pratt, Principal.								
Parental School.....	....	2	38	35	33	98	24	38

*School opened in March, 1911.

TABLE A—Continued.

SCHOOLS.	Number of School Buildings, June 30, 1911.	Number of Teachers, Including Substi- tutes in Charge of Classes.			Number of Pupils Belonging, June 30, 1911.	Aver. No. Pupils Belonging for Half-Year End. June 30, 1911.	Average Attendance for the Half-Year.	Percentage of Attendance for the Half-Year.	Total Enrollment for the Half- Year.		Number Belonging, Including Temporary Withdrawals, June 30, 1911.
		Men.	Women.	Total.					Boys.	Girls.	
Baltimore City College.....	2	29	.....	29	683	855	819	94	894	.....	721
Eastern High School.....	1	.....	31	31	746	759	708	93	.....	822	778
Western High School.....	1	.....	36	36	832	1,056	978	93	.....	1,092	889
Baltimore Polytechnic Institute..	4	40	.....	40	725	823	765	93	864	.....	737
Colored High School.....	6	12	12	24	527	527	506	96	153	355	582
Teachers' Training School.....	.....	.....	4	4	140	144	138	95	.....	153	147
Colored Training School.....	.....	1	1	2	70	76	74	98	8	77	76
Totals, Secondary Schools... ..	14	82	84	166	3,723	4,240	3,988	94	1,919	2,499	3,930
									4,418		
Group A.....	6	1	78	79	2,450	2,749	2,414	88	1,678	1,549	2,917
" B.....	4	2	55	57	2,124	2,325	2,095	91	1,382	1,301	2,410
" C.....	4	2	54	56	1,977	2,128	1,936	91	1,172	1,248	2,206
" D.....	9	3	105	108	4,093	4,091	3,611	88	2,224	2,228	4,188
" E.....	11	7	68	75	3,135	3,104	2,763	89	1,816	1,608	3,206
" F.....	7	3	68	71	2,510	2,532	2,251	89	1,472	1,377	2,631
" I.....	4	4	70	74	2,737	2,766	2,462	89	1,520	1,533	2,841

"	J	4	2	84	86	3,117	3,326	2,952	89	1,904	1,826	3,387
"	K	7	2	68	70	2,508	2,394	2,155	91	1,306	1,392	2,508
"	L	1	.....	19	19	659	648	581	90	383	354	659
"	M	5	2	65	67	2,254	2,218	1,973	89	1,292	1,161	2,254
"	N	9	5	87	92	3,207	3,259	2,884	89	1,823	1,818	3,338
"	O	4	1	46	47	1,939	1,847	1,610	88	1,061	1,003	1,939
"	P	5	3	54	57	2,406	2,316	2,060	89	1,308	1,285	2,406
"	Q	5	3	66	69	2,639	2,560	2,283	89	1,442	1,430	2,639
"	R	8	3	82	85	3,000	2,927	2,601	86	1,596	1,675	3,000
"	U	5	3	64	67	2,259	2,190	1,957	89	1,269	1,169	2,304
"	V	4	3	67	70	2,510	2,565	2,284	89	1,457	1,466	2,695
"	W	6	2	50	52	1,856	1,797	1,581	88	1,019	1,050	1,869
"	X	10	13	80	93	2,649	2,897	2,347	81	1,660	2,072	3,159
"	Y	8	12	58	70	2,514	2,736	2,275	83	1,312	1,670	3,028
"	Z	13	14	49	63	2,331	2,385	1,923	86	1,352	1,550	2,727
	Parental School	1	.....	2	2	38	35	33	98	24	.....	38
	Totals, Elementary Schools	140	90	1,439	1,529	54,972	55,795	49,031	88	31,472	31,765	58,349
	Group Principals		21	1	22							
	Supervisors		*2	11	13							
	Drawing Teachers			10	10							
	Sewing Teachers			30	30							
	Physical Training Teachers			2	2							
	Manual Training Teachers		10	4	14							
	Cooking Teachers			14	14							
	Totals		33	72	105							
	Grand totals	154	205	1,595	1,800	58,695	60,035	53,019	88	33,391	34,264	62,279
										67,655		

*Included in faculties.

TABLE A—Concluded.

COLORED SCHOOLS.	Teachers.			Number of Pupils Belonging, June 30, 1911.	Aver. No. Pupils Belonging for Half-Year End. June 30, 1911.	Average Attendance for the Half-Year.	Percentage of Attendance for the Half-Year.	Total Enrollment for the Half-Year.		Number of Pupils Belonging, Including Temporary Withdrawals, June 30, 1911.
	Men.	Women.	Total.					Boys.	Girls.	
Colored High School	12	12	24	527	527	508	96	153	355	582
“ Training “	1	1	2	70	76	74	98	8	77	76
School No. 100.....	2	6	8	459	515	411	89	297	355	605
“ 101.....	4	16	20	748	790	643	81	422	532	916
“ *103.....	2	12	14	566	628	521	83	10	7	695
“ 105.....	2	8	10	491	476	396	83	316	287	546
“ 106.....	2	14	16	623	574	485	84	345	396	691
“ 107.....	3	6	9	562	739	586	79	517	593	739
“ 108.....	1	6	7	231	244	179	71	145	158	286
“ 109.....	2	12	14	489	504	378	75	283	339	604
“ 110.....	2	12	14	696	701	582	83	383	470	716
“ 112.....	3	22	25	1034	1195	1004	84	520	1247	1266
“ 113.....	3	9	12	634	643	510	79	359	407	719
“ 115.....	2	3	5	227	232	195	84	110	166	260
“ 116.....	1	11	12	443	438	391	89	180	315	495
“ 118.....	4	5	9	291	339	265	78	437	20	376
Totals.....	46	155	201	8091	8621	7128	83	4485	5724	9572
								10209		

*School opened March, 1911.

TABLE D.

Showing the number of Pupils and Teachers in the Public Schools belonging at the time of making the Report each year, from the year 1829, when the first public school was opened, to the year 1910, inclusive, and six months of the year 1911.

This statement does not include Night Schools.

Date.	Teachers.	Pupils.	Date.	Teachers.	Pupils.
1829.....	3	269	1871.....	559	24,479
1830.....	5	402	1872.....	581	25,092
1831.....	5	627	1873.....	558	26,663
1832.....	5	640	1874.....	626	27,634
1833.....	5	544	1875.....	672	29,942
1834.....	8	859	1876.....	717	31,071
1835.....	8	747	1877.....	734	32,523
1836.....	8	814	1878.....	784	34,002
1837.....	8	659	1879.....	798	35,595
1838.....	8	675	1880.....	709	35,297
1839.....	16	1,126	1881.....	824	35,630
1840.....	22	1,834	1882.....	826	35,639
1841.....	27	2,331	1883.....	855	37,546
1842.....	28	2,464	1884.....	893	38,618
1843.....	30	2,669	1885.....	930	39,828
1844.....	38	3,366	1886.....	972	39,779
1845.....	52	4,313	1887.....	994	41,199
1846.....	65	5,087	1888.....	1,119	46,521
1847.....	90	6,439	1889.....	1,187	48,850
1848.....	100	6,695	1890.....	1,244	50,899
1849.....	110	6,763	1891.....	1,301	52,543
1850.....	119	7,093	1892.....	1,382	54,406
1851.....	138	8,011	1893.....	1,464	57,048
1852.....	175	9,681	1894.....	1,557	59,808
1853.....	186	9,447	1895.....	1,614	61,271
1854.....	207	9,717	1896.....	1,719	63,087
1855.....	217	10,588	1897.....	1,794	64,660
1856.....	238	11,441	1898.....	1,827	65,170
1857.....	245	11,269	1899.....	1,802	65,289
1858.....	255	11,587	1900.....	1,676	64,720
1859.....	267	11,750	1901.....	1,647	64,918
1860.....	284	13,186	1902.....	1,679	66,399
1861.....	295	13,424	1903.....	1,689	67,368
1862.....	311	13,888	1904.....	1,692	68,093
1863.....	333	14,874	1905.....	1,635	67,964
1864.....	343	15,319	1906.....	1,657	69,446
1865.....	366	15,957	1907.....	1,686	68,723
1866.....	402	17,550	1908.....	1,684	68,926
1867.....	490	22,073	1909.....	1,682	68,120
1868.....	537	21,003	1910.....	1,723	67,508
1869.....	540	23,552	*1911.....	1,696	62,279
1870.....	549	23,893			

*Six months only, January to June.

TABLE H.
TIME OCCUPIED IN ACCOMPLISHING GRADE WORK.

Group	No. Pupils in 4 Months or less than 4 Months.	No. Pupils in 5 Months.	No. Pupils in 6 Months.	No. Pupils in 7 Months.	No. Pupils in 8 Months.	No. Pupils in 9 Months.	No. Pupils in 10 Months.	No. Pupils in 11 Months.	No. Pupils in 12 Months.	No. Pupils in 13 Months.	No. Pupils in 14 Months.	No. Pupils in 15 Months.	No. Pupils in More than 15 Months.	Total.	No. Pupils in Less than 10 Months.	No. Pupils in 10 Months.	No. Pupils in More than 10 Months.
A.....	27	83	10	9	70	21	1589	7	11	24	2	252	130	2235	220	1589	426
" B.....	119	104	11	38	7	15	1042	.....	3	4	1	170	193	1707	335	1042	381
" C.....	.....	.....	27	23	39	14	1217	6	29	8	2	177	174	1716	103	1217	396
" D.....	26	263	33	6	7	5	2184	.....	2	2	3	291	428	3250	340	2184	726
" E.....	7	166	11	.....	22	5	1791	.....	10	4	.....	323	507	2846	211	1791	844
" F.....	8	64	2	3	4	9	1067	.....	2	1	7	338	319	1824	90	1067	668
" I.....	1	112	2	2	34	5	1458	2	2	2	16	438	190	2264	156	1458	650
" J.....	26	40	2	7	11	23	1736	1	9	3	7	493	242	2600	109	1736	755
" K.....	13	59	15	39	26	16	1548	2	4	29	8	110	231	2100	169	1548	383
" L.....	9	5	4	1	7	11	435	.....	.....	.....	.....	14	140	626	37	435	154
" M.....	2	27	2	6	5	7	1164	1	1	2	2	372	199	1790	49	1164	577
" N.....	32	101	3	2	6	6	1425	5	4	3	4	397	384	2372	150	1425	797
" O.....	6	39	5	2	14	12	1164	.....	.....	1	3	70	218	1534	78	1164	292
" P.....	29	70	17	11	26	85	1300	2	15	12	15	239	213	2034	238	1300	496
" Q.....	2	75	8	15	26	16	1676	3	4	6	1	143	242	2217	142	1676	399
" R.....	20	49	6	10	24	15	1543	.....	22	1	4	271	347	2312	124	1543	645
" U.....	11	88	20	4	9	15	1408	12	4	33	14	136	144	1898	147	1408	343
" V.....	4	72	6	2	.....	7	1702	1	2	3	1	225	201	2226	91	1702	433
" W.....	14	28	3	2	19	25	1043	8	8	6	4	218	160	1539	92	1043	404
" X.....	10	145	.....	3	1	7	1084	2	2	.....	.....	368	175	1797	169	1084	543
" Y.....	.....	36	1	7	4	11	1103	.....	3	.....	3	400	209	1777	59	1103	615
" Z.....	76	331	62	28	113	40	893	4	19	26	3	271	226	2092	650	893	549
Totals.....	442	1957	250	220	474	371	29572	56	156	170	100	5716	5272	44756	3759	29572	11476

TABLE I. KINDERGARTENS.

		KINDERGARTENS.									
Group	School No.	No. of Classes.	No. of Teachers.	No. of Assistants.	No. of Pupils Belonging, June 30, 1911.	Average No. Belonging for Half-Year Ending June 30, 1911.	Average Attendance for the Half-Year.	Percentage of Attendance for the Half-Year.	Total Enrollment for the Half-Year.		No. Belonging, Inc. Temporary Withdrawals, June 30, 1911.
									Boys.	Girls.	
A	3	1	1	1	30	31	26	84	20	35	36
"	23	1	1	1	33	32	27	84	25	23	41
"	24	1	1	1	27	29	24	83	34	27	41
B	25	1	1	1	27	29	27	93	25	21	31
"	25	1	1	1	35	36	32	89	33	21	38
C	33	1	1	1	41	43	30	70	26	28	52
"	43	1	1	1	37	39	30	77	24	20	47
D	93	1	1	1	28	28	21	75	22	26	43
"	5	1	1	1	40	35	28	80	18	27	42
F	16	1	1	1	41	34	27	79	22	25	49
"	20	1	1	1	53	40	32	89	29	35	41
"	53	1	1	1	49	40	35	88	22	22	53
K	76	1	1	1	45	42	37	88	22	28	45
L	4	1	1	1	46	39	32	82	22	32	45
M	9	1	1	1	40	39	23	64	15	25	40
N	19	1	1	1	42	40	34	85	30	29	42
O	11	1	1	1	39	31	26	84	22	19	40
Q	31	1	1	1	31	31	20	65	17	15	39
R	79	1	1	1	50	41	33	89	27	27	31
U	55	1	1	2	55	55	43	75	49	33	50
W	112	1	1	1	39	33	25	76	23	28	74
Y	113	1	1	1	819	767	612	79	527	557	74
Z											45
Totals		21	21	21	819	767	612	79	527	557	921

TABLE J.

UNGRADED CLASSES.

UNGRADED CLASSES.		No. of Classes.		No. of Teachers.		No. of Pupils Belonging, June 30, 1911.		Average No. Belonging for the Half-Year, June 30, 1911.		Average Attendance for the Half-Year.		Percentage of Attendance for Half-Year.		Enrollment for the Half-Year.		No. Belonging, Inc. Temporary Withdrawals, June 30, 1911.	
		Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.
Group A—	School No. 3...	1	1			7	11	11	100	23	....	14	....			
"	B } " 25...	1	1			10	20	10	50	26	23	7	8				
"	C } " 42...	1	1			8	9	8	89	23	....	9	....			
"	D } " 35...	1	1			8	11	10	91	17	....	12	....			
"	E } " 93...	2	2			35	36	32	89	48	9	29	8				
"	F } " 27...	1	1			24	25	19	76	17	7	17	7				
"	G } " 83...	1	1			9	10	9	90	14	....	9	....			
"	H } " 71...	1	1			17	16	13	81	71	1	18	....			
"	I } " 20...	1	1			13	13	12	92	12	3	10	3				
"	J } " 51...	1	1			8	9	7	78	12	....	8	....			
"	K } " 76...	1	1			12	12	10	83	15	5	....	....		
"	L } " 29...	1	1			11	11	9	82	7	4	7	4				
"	M } " 44...	1	1			13	11	19	91	20	....	13	....			
"	N } " 22...	1	1			15	13	11	85	21	....	15	....			
"	O } " 48...	1	1			9	8	6	75	9	....	9	....			
"	P } " 98...	1	1			15	15	11	73	20	....	15	....			
"	Q } " 11...	1	1			7	7	6	86	13	....	7	....			
"	R } " 75...	1	1			15	10	7	70	20	....	15	....			
"	S } " 82...	1	1			14	11	9	82	15	....	14	....			
"	T } " 14...	1	1			12	13	12	92	32	....	12	....			
"	U } " 81...	1	1			9	8	6	75	10	....	10	....			
"	V } " 58...	1	1			16	15	12	80	23	....	16	....			
"	W } " 109...	1	1			12	12	9	75	14	1	14	1				
"	X } " 110...	1	1			9	10	7	70	16	....	15	....			
"	Y } " 106...	1	1			11	14	10	71	32	6	15	1				
"	Z } " 101...	1	1			10	10	8	80	11	....	11	....			
Totals.....		27	27	329	340	274	81	541	59	321	32						

TABLE K.
PREPARATORY CLASSES.

GROUP.	A	B	C	D	E	F	I	J	K	L	M	N	O	P	Q	R	S	U	V	W	X	Y	Z	Totals
No. of Classes.....	5	...	..	...	...	...	...	...	...	8	3	.....	...	...	...	16
Average No. Belonging...	121	...	...	...	...	...	...	...	...	234	79	.....	...	...	...	434
No. of Teachers.....	5	...	...	...	...	...	...	...	...	8	3	.....	...	...	...	16



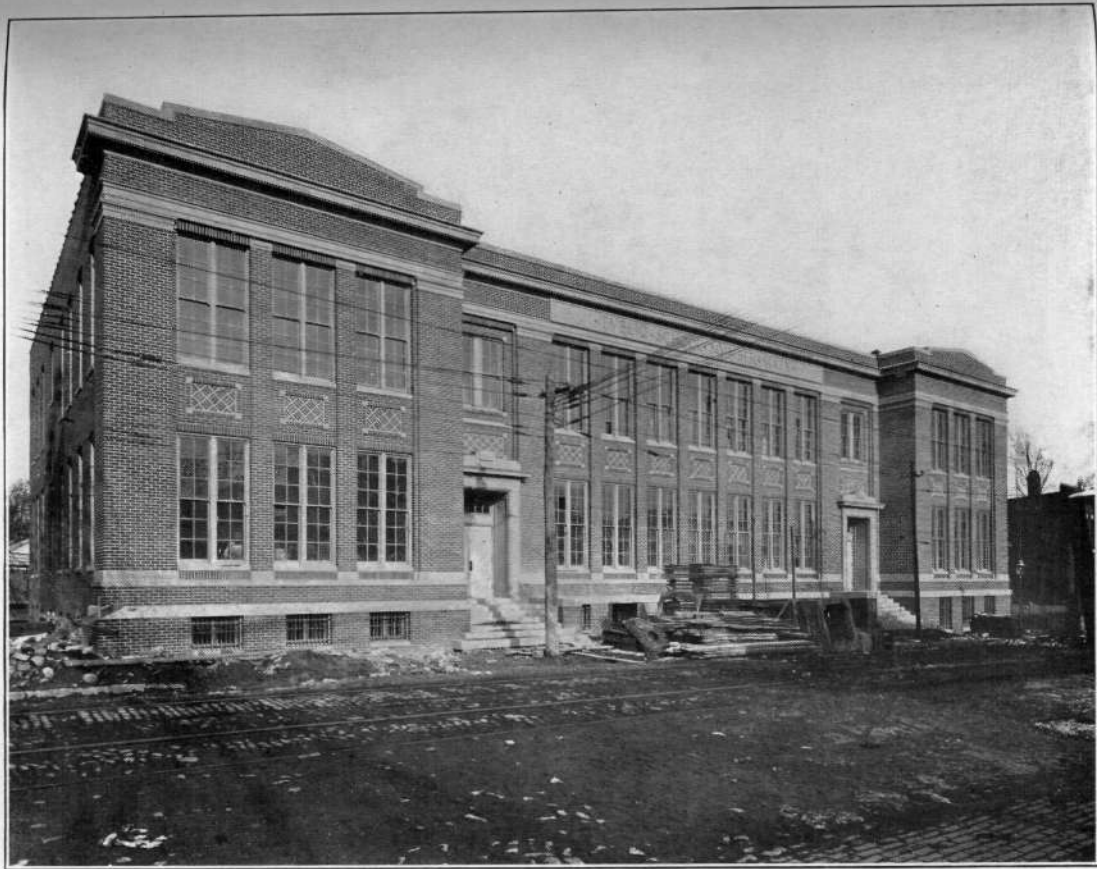
BALTIMORE POLYTECHNIC ANNEX—NORTH AVENUE



SCHOOL NO. 11—GILMOR AND MOSHER STREETS



SCHOOL No. 59—REISTERSTOWN ROAD AND FIFTH AVENUE



SCHOOL No. 60—FRANCIS AND CLIFTON STREETS



SCHOOL No. 61—LINDEN AVENUE AND KOENIG STREET



SCHOOL No. 86—PAYSON AND MULBERRY STREETS



SCHOOL No. 91—ARGYLE AVENUE



SCHOOL No. 111—BOND STREET AND ASHLAND AVENUE

REPORT
OF THE
SUPERVISOR OF SCHOOL BUILDINGS
TO THE
BOARD OF SCHOOL COMMISSIONERS

DECEMBER 31, 1910

BALTIMORE, January 1, 1911.

To the Board of School Commissioners.

GENTLEMEN—I have the honor to submit the following report for the year ending December 31, 1910:

NEW BUILDINGS COMPLETED IN 1910.

School No. 59—On Reisterstown road and Fifth avenue. Lot, 195 feet on Fifth avenue, on east side, with an average depth of 297 feet on Reisterstown road.

A first-class, modern school building in all its appointments. It contains 24 classrooms of standard size, with an assembly hall in basement having a seating capacity of between 500 and 600, and large manual training room and cookery. Each classroom has a cloakroom, and a book and stationery cupboard. The toilets for children are in the basement, and for teachers on the upper floors.

Building is heated by steam and ventilated by blower fans.

A vacuum cleaning system (the Blaisdell), operated by electric motor, has been installed.

A semaphore, or fire alarm signal, has been placed in each classroom.

Electric gongs, operated from the principal's office, have been installed for use during fire drills and for recess calls, school assembly and dismissal.

Principal's office, teachers' rooms, drinking fountains, etc., provided at convenient points.

There is one fire-proof stairway at each end of building, and one about center of building.

Area of lot, about.....	53,025 square feet.
Area of building, about.....	13,500 square feet.

Yard area, about.....	39,525 square feet.
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Seating capacity of each classroom, 48; giving an allowance of 17 square feet of floor space and 200 cubic feet of air space for each pupil.

When this lot was purchased, the possibility of the need of an additional building was considered. Should a building of about one-half the area of the present building be erected, or say one of 9,500 square feet, there would still be available 30,000 square feet of yard for playground purposes for the 1,500 or 1,800 pupils, or from 17 to 20 square feet each. This is far more than the most of the old schools possess, but is below what is considered standard, viz.: from 25 to 30 square feet per pupil.

COST OF LOT AND BUILDING.

Appropriation, 1909.....	\$125,000 00
Appropriation, 1911.....	14,658 00
Appropriation for equipment.....	8,200 00

The architect of this building is Mr. Otto G. Simonson; consulting engineer, Henry Adams; builders, Peebles & Co. The building was occupied in November. See photograph of the building. Cost of building, \$117,077.62.

School No. 86, Southwest Corner Payson and Mulberry Streets—Lot, 196 feet 4 inches on Payson street; 150 feet on Mulberry street. Building: This is a 24-classroom school-house. Classrooms all of standard size, 26 by 32 feet, well lighted and heated and ventilated. It is in all respects a modern building. It is very similar in arrangement to No. 59, and the description of that building can be applied to this.

Area of lot, 196 feet 4 inches by 150 feet.....	29,450 square feet
Area of building, 150 feet by 90 feet.....	13,500 square feet.
Yard area, about.....	15,950 square feet.

COST OF LOTS AND BUILDING.

Appropriation, 1909.....	\$133,000 00
Appropriation, 1910.....	7,230 00
Appropriation, 1911.....	7,237 00
Total	\$147,437 00
Appropriation for equipment.....	8,200 00

The architect of this building is Mr. Theodore Wells Pietsch; consulting engineer, Henry Adams; builders, the Noel Construction Company. See photograph of building.

I consider School No. 86 one of the handsomest and most pleasing designs of the modern Baltimore schoolhouses.

Cost of building (Inspector of Buildings).....	\$122,884 41
Cost of lot, 160 feet by 150 feet.....	6,000 00
Cost of lot, 36 feet 4 inches by 150 feet.....	7,760 40

Western High School—An addition has been erected on Lanvale and McCulloh streets, adjoining and connected with the old building. The lots purchased front on McCulloh street 100 feet, and on Lanvale street 90 feet; cost \$18,650.

The architects are Wyatt & Nolting; consulting engineer, Henry Adams; contractor, Charles L. Stockhausen.

The school lot extends from Lafayette avenue to Lanvale street, a distance of 331 feet, and the building covers the entire length of same on McCulloh street, leaving but a narrow strip of yard, about 12 feet wide, on the northeast side. The playground for children is found on the roof of the new building, and on the adjoining lawns of the Administration Building.

COST OF LOTS AND BUILDING (NEW PORTION).

Appropriation, 1909.....	\$125,056 95
Appropriation, 1910.....	31,093 91
Appropriation, 1911.....	28,455 00
	<hr/>
Total	\$184,605 56
Cost of building.....	158,637 36
Appropriation for equipment (1910).....	25,000 00
	<hr/> <hr/>

The basement story has been set apart for the gymnasium, with the necessary offices for instructors, and for lunchroom.

The locker-rooms, showers and toilets, have been placed in the basement of the old building.

The boilers, heating coils, ducts, electric blower, fans, etc., are in the old portion. There are also two electric exhaust fans in the roof of old building.

On the first floor, new building, are located the principal's offices, the library and the physical laboratory, with its work-room, darkroom, stockroom and lecture-room.

On the second floor are the drawing-rooms, physical geography rooms and commercial department, and on the third floor the chemical and biological laboratories, with their lecture-rooms, etc.

On each of the four stairways are toilet-rooms, book-storage room, etc.

The regular or ordinary classrooms have been kept in the old building.

The stairways in new part are four in number, one at each corner of the building, all fire-proof.

A corridor extends from the Lanvale street front entirely through both old and new portions to the Lafayette avenue front. The new portion of the corridor is fire-proof (as is the entire new building). The general plan of each building is similar; that is, having a long longitudinal corridor running the entire length, and with classrooms on each side.

The library and drawing-rooms were removed from old building to new portion.

A new music-room has been provided in the old building.

The assembly hall remains on third floor of old building, but the means of exit have been increased, the stage improved, and the floor of about one-half the rear portion of room provided with graduated platforms for elevating the seats.

The classrooms of old portion are somewhat below standard size. In the new part the rooms have been laid off in spaces of one, two or three units of 15 feet each, as the character of room might demand, each unit having one large triple window.

The doors of all exits to streets are opened and closed from the inner side only, by the Von Duprin safety device, which requires but a slight push or pressure to open the door outward. With such a device, the blocking of a doorway in time of panic is hardly possible.

A vacuum-cleaning method (the Blaisdell) has been installed for removing dust and dirt from all parts of the building. It is operated by electric motor.

The wood trim, or finish, is of chestnut, with a dark filler; and all walls are tinted in buff or light green.

Drinking fountains have been placed in corridors of each story.

The exterior has a granite base as high as the water table. The walls are faced with fine quality of red brick, laid with a deeply grooved joint. The ornamental stone is of Indiana limestone.

The photograph of the corner of McCulloh and Lanvale streets furnishes a fine view of this beautiful building.

A playground has been provided on the roof, four stairways continuing up to same. The parapet wall around this playground precludes any likelihood of a pupil falling off the building.

A mistake in this building is the absence of an elevator. This is a necessity in all girls' high schools. To climb from the gymnasium or lunchrooms in basement up four stories of stone steps to the roof is too hard a task for most pupils.

The placing of the assembly hall on the third floor is unfortunate; all such halls should be on the first story. To have changed its location, however, from third to first story during late building operations, was practically out of the question, but if the property on corner of Madison avenue and Lanvale street could be purchased, thus including in this property of the city the entire block, and if a gymnasium of greater height of ceiling could be provided in basement of a new building, and above it at a first floor level be placed a more modern assembly hall, with galleries, etc., a decided betterment of advantages could be had, and a high school building that would near reach the ideal.

Cost of original lots, 230 feet by 97 feet 9 inches...	\$30,666 66
Administration building, 230 feet by 140 feet 8 inches,	40,000 00
Additional lots bought in 1910, 100 feet by 90 feet..	18,650 00
	=====

BUILDINGS NOW UNDER CONSTRUCTION.

School No. 2, Stiles and Gough streets.—Lot (old lot) 70 feet by 92 feet; new purchase on Stiles street, 145 feet by 92 feet; cost of new purchase, \$24,252.17. As the old and new lots adjoin, the entire lot will be 215 feet by 92 feet.

The present building, on corner of Stiles and Gough streets (one of the oldest buildings in the city), will be torn down

when the new building is ready for occupancy and the space converted into a playground.

The building will be a 24-classroom schoolhouse, of thoroughly modern design and equipment. It is expected that occupancy will be had in September, 1911. The unexpected delay caused by the marshy character of the site, which made piling necessary, may prevent the completion of the building by the date stated above.

The new building will stand but six feet from east end of lot. More ground should be acquired here to prevent adjoining buildings from shutting off the light of schoolrooms and stairway, and to provide more space for easier exit at this end of building in case of panic or fire.

Area of lot 220 feet by 92 feet.....25,240 square feet.

Area of building, 80 feet by 151 feet.....12,080 square feet.

Yard area, about..... 8,165 square feet.

Average per pupil, about 8 square feet (much below standard).

Cost of old lot, \$3,500; ground rent, \$250.

Cost of old building, \$9,000.

COST OF NEW LOTS AND BUILDING.

Appropriation, 1909 (lots)	\$24,252 17
Appropriation, 1909 (building).....	32,000 00
Appropriation, 1910 (building).....	28,442 43
Appropriation, 1911 (building).....	31,205 72
	<hr/>
Total	\$115,900 32
Contracts for building.....	106,221 97
	<hr/> <hr/>

The architect of No. 2 is Otto G. Simonson; consulting engineer, Henry Adams.

Heating and ventilating same as described for Nos. 59 and 86.

Appropriation for equipment..... \$6,000 00

School No. 51, Windermere Avenue, Waverly—A fine, modern 24-classroom building is being erected on lot east of York road, between Carroll and Windermere avenues, which should be completed in time for occupancy in September, 1911. The corner stone was laid with appropriate ceremonies on Thursday, October 20, 1910.

The basement will contain an assembly hall, manual training room, cookery, boiler and fuel rooms, toilets, etc.

The architects are Baldwin & Pennington; consulting engineer, Henry Adams, and builder, the J. Henry Miller Company.

The lot is not quite regular in shape, but has a length from east to west of about 300 feet, and from north to south, an average of 240 feet, with an area of nearly 72,000 square feet, costing \$13,371.18.

The building covers an area of (75 feet by 164 feet) about 12,000 square feet, leaving a playground area of 60,000 square feet, or full 50 feet for each of 1,200 pupils. This is ideal.

This building is designed to be modern in all its appointments. The exterior will present a fine appearance. The opportunity here to improve the grounds by the judicious exercise of a little landscape architecture should not be neglected. At the same time the playground should not be trenched upon to the detriment of the children's needs, as robust health resulting from outdoor exercise is of more real value to the growing boys and girls than any æsthetic consideration can be.

Cost.

Appropriation, 1909.....	\$127,000 00
Appropriation, 1910.....	5,000 00
Appropriation, 1911.....	47,963 32
	<hr/>
Total	\$179,963 32
Contracts for building.....	150,366 00
Appropriation for equipment.....	8,200 00
	<hr/> <hr/>

The building is not far enough advanced in construction to warrant a photograph of the exterior.

School No. 60, Francis and Clifton Streets—An addition of eight rooms is being erected to the front of this school, which, when finished, will make it a 24-classroom building. The new rooms are of standard size, as are those of the addition in rear (5 rooms) erected in 1909.

A lot 61 feet 6 inches by 150 feet on northwest side of old lot was purchased for \$5,186.13. This increase makes the entire lot 181 feet 6 inches by 150 feet.

The work of erecting this addition is progressing slowly, but should be completed by April, 1911.

The architects are Archer & Allen; consulting engineer, Henry Adams; and builders, the Fidelity Construction Company.

COST OF NEW BUILDING AND LOT.

Appropriation, 1909.....	\$18,000 00
Appropriation, 1910.....	10,000 00
Appropriation, 1911.....	34,652 94
	<hr/>
Total	\$62,652 94
	<hr/> <hr/>

Size of lot, 181 feet 6 inches by 150 feet.....27,225 square feet.

Size of building, about.....15,000 square feet.

Yard area, about.....12,225 square feet.

School No. 6, South Ann Street—Additional ground has been purchased on Ann street and Durham street, on each side of the old lot, at a cost of \$23,996.16. Old lot, 63 feet by 144 feet; new lots (about), 120 feet by 144 feet, making entire lot about 183 feet by 144 feet.

The old buildings have been torn down and the site prepared for the new building.

The school has been removed to the Broadway Market Hall.

Drawings for the new building have been prepared for a 24-classroom building, by Architect Alfred Cookman Leach, but as yet the contract for erection has not been let.

The need for a 24-classroom building in this locality has been questioned, and pending the settlement of the size of the building, the work of erection has been postponed.

Appropriation, 1909.....	\$82,000 00
Appropriation, 1911.....	86,041 27
	<hr/>
Total	\$168,041 27
	<hr/> <hr/>

School No. 70, William Street and Warren Avenue—Additional ground has been purchased on William, Hamburg and Hope streets, at a cost of \$35,083.63. This will increase the total size of school grounds to an average of 182 feet 9 inches by 140 feet.

Drawings have been prepared for a modern 24-classroom building, by Architects Glidden & Friz, but to date the contract for erection has not been let, and the classes still occupy the old schoolhouse.

Appropriation, 1909.....	\$100,000 00
Appropriation, 1910.....	50,000 00
Appropriation, 1911.....	21,050 87
Appropriation for equipment.....	6,000 00
	<hr/>
Total	\$177,050 87
	<hr/> <hr/>

Baltimore Polytechnic Institute, North Avenue—Lot purchased (old School for the Blind lot, North avenue opposite Calvert street), size, 726 feet by 303 feet; cost, \$345,000.

Appropriation, 1909.....	\$139,000 00
Appropriation, 1910.....	30,000 00
Appropriation, 1911.....	80,468 75
Appropriation for equipment, 1911.....	10,000 00
	<hr/>
Total	\$259,468 75
	<hr/> <hr/>

The central (or Administration) building has been altered and partitions rearranged to provide classrooms and shops as required by the Polytechnic Institute. The accommodation furnished is as follows: Twelve classrooms on three floors, metal shop on first floor, carpenter shop on second floor, one drawing-room on first floor, one drawing-room on third floor, six storage-rooms throughout, three toilet-rooms on upper floors, three toilet-rooms in basement, three offices and teachers' rooms, and lunchrooms in basement.

The upper or fourth story is not suited for classrooms, but furnishes ample storage room for supplies, apparatus, etc.

The Annex School was removed from School No. 46, Division street, into this building during November, and the additional desks and other furniture needed to fully equip the building were purchased and installed.

A photograph of the building accompanies this report.

The building is heated by two low-pressure steam boilers, furnishing direct radiation in parts and indirect radiation in other parts.

No provision has been made for the ventilation of classrooms, etc. A makeshift can be furnished by placing glass window board ventilators at the base of the classroom windows. This has been done.

Drawings and specifications are now being prepared by Architects Baldwin & Pennington for the new buildings to be erected for the accommodation of this Institute.

The completion of the buildings should be pushed ahead as rapidly as practicable, so that the unfit and unsafe buildings on Courtland street may be vacated. It is hardly probable, however, that they will be ready to be occupied prior to March, 1912.

The ample grounds provided on North avenue for the Polytechnic Institute are more than sufficient to supply present needs, but to curtail one foot of building space, or campus, may seriously interfere with the assured expansion of this

rapidly growing institution. It would seem, also, that the topography of this beautiful lot would, from an aesthetic standpoint, forbid the running through of Calvert street, as has been suggested by some persons.

The proper utilization of the dwelling of the Superintendent of the Blind School and of some other buildings on this lot, is being duly considered by the architects and the School Committee.

School No. 76, Hull and Clement Streets—An appropriation of \$20,000 was made in 1910 for purchase of lot and erection of an addition to this school. Drawings were prepared for an addition of four classrooms on upper floors and manual training and cookery in basement at the rear of this building. This is well under way and should be ready for occupancy by April, 1911.

The new rooms will be of standard size, etc. Classrooms of the old building are below standard. All new rooms are well lighted. Basement will also contain two modern toilet-rooms, and manual training room.

A new heating apparatus (low-pressure steam boiler) will be installed by the Inspector of Buildings.

Buildings Rented in 1910—None. But the basement of Pratt Library No. 13, Fayette and Patuxent streets, has been turned over to this Department, without cost, and has been equipped for use as an annex of School No. 83, for primary grade class.

For list of rented buildings, see Table C, page 37.

Rented Buildings Vacated—The two buildings on Park Heights avenue, lately known as School No. 59, were vacated in November, when the new building on Reisterstown road and Fifth avenue was occupied.

The amount of rental saved was: For one building, \$504 per annum; for the other building, \$300 per annum.

School No. 46—Lately vacated as an annex of the Baltimore Polytechnic Institute, will be reconverted to use of a primary school, most probably to care for the overflow from colored School No. 112 and its branch. Its new number will be 103.

School No. 6, Broadway Market Hall—Old School No. 6 on South Ann street having been torn down, the school was moved into the Broadway Market hall, eight classrooms being equipped in the hall on second floor, and one on third floor. Ample toilet accommodation has been provided. The rooms are heated by stoves. Ventilation can only be had through the windows.

There is no playground whatsoever here, and exercise must be taken in a narrow corridor. If the gallery floor could be extended so as to cover the entire space of hall from wall to wall, a fine playroom, with ample lighting by large windows, could be secured. The cost of this work would not exceed \$1,000 to 1,200, and should be done, as in all probability the new No. 6 will not be ready for occupancy prior to September, 1912.

Portable Buildings—No new ones erected during 1910. One portable was removed from No. 76 and placed on lot corner Fayette street and Lakewood avenue for use of School No. 83. Another portable was removed from School No. 78 and placed in yard in rear of School No. 63, Walbrook.

The first portable buildings were erected in Baltimore in 1904. The number now in use is thirty-four, located as stated in Table B, page 36.

An experience of six years has demonstrated some deficiencies in these buildings, but the general opinion of them is one of satisfaction. Most of the teachers occupying them make no complaint whatever, and several prefer them to rooms in the main buildings. In mild weather they are very desira-

ble rooms, and only in severely cold weather are they uncomfortable. It is a difficult matter to make a frame building proof against cold winds.

School report for St. Louis, for 1909 and 1910, gives fifty-nine portable buildings as in use, and that of Boston, for 1909, one hundred and eleven.

The Baltimore portables are practically duplicates of those built in St. Louis and Boston.

They are heated by stoves or small jacketed furnaces, and in most cases satisfactorily ventilated.

NEW BUILDINGS OR ADDITIONS CONTEMPLATED.

Appropriations have been made for purchase of lots and erection of new school buildings, or additions, as follows:

As previously stated:

School No. 6, South Ann street.

School No. 70, William street and Warren avenue.

Also the following:

School No. 22, Southwest Baltimore (building and lot)	\$130,000 00
School No. 27, East Baltimore (building and lot)	105,000 00
School No. 83, 12-room addition.....	60,000 00
School No. 37, 4-room addition.....	16,000 00
School No. 99, 8-room addition.....	40,000 00
School No. 111, East Baltimore (lot and building) ..	120,000 00
School No. 63, Walbrook addition.....	40,000 00
School No. 64, Forest Park, 10-room addition....	50,000 00
School No. 61, lot and addition.....	75,000 00
School No. 67, addition	50,000 00
School No. 34, addition	25,000 00

A creditable appropriation for one year.

Photographs—Photographs of the new buildings completed in 1910 accompany this report.

Photographs are also presented herewith of certain typical schools, as per list below:

- Type—"Modern"—School No. 86.
- Type—"Good"—School No. 61.
- Type—"Fair"—School No. 11.
- Type—"Defective"—School No. 91.
- Type—"Very Defective" or "Unfit"—School No. 111.

The following is a list of the photographs: Half-tone plates of the exteriors of Schools Nos. 11, 59, 60, 61, 86, 91 and 111; also the new Western High School and the Polytechnic Institute, North avenue.

GENERAL CONDITION OF OLD SCHOOL BUILDINGS.

Repairs of school buildings are made by the Inspector of Buildings. These repairs cover whatever may be needed to maintain the buildings and grounds in suitable condition for satisfactory occupancy. The heating and ventilating apparatus, the plumbing fixtures and toilet installations and the erection of fire escapes, are included in these repairs. The necessary alterations of partitions in buildings when rented for school purposes by this Department, and the installation of heating apparatus and toilet accommodations, are generally provided by the Inspector of Buildings, and included under the heading "Repairs." The portable, or unfixed, furniture and apparatus and equipment, as stoves, desks, window shades, gas ranges, etc., are supplied and kept in proper order by the school authorities.

The reports of the Inspector of Buildings show the following amounts as expended:

For year 1908 (127 buildings).....	\$121,462 36
For year 1909 (121 buildings).....	199,597 76
For year 1910 (117 buildings).....	103,825 33

Under the item "Detailed Statement of School Buildings" will be noted the amounts expended upon the several buildings. (Bound as a separate report.)

The wear and tear upon school buildings in general is, quite naturally, great. The one item of window glass breakage alone amounts to several hundred dollars each year, notwithstanding the earnest efforts of the Police Department to stop such vandalism. The large amounts designated above are partly for such expenditures as changing partitions in some twelve or fifteen old school buildings last year, so as to provide a better arrangement of rooms and corridors, with easier and quicker access to safer exits; for the paving of cellar floors with brick or cement; for additional toilets for teachers and children, and other matters of similar character which should not be deemed repairs, strictly speaking. Buildings show a decided improvement over the conditions prevalent a few years ago, but in the nature of things no decided betterment is possible in many of the old schoolhouses, but one thing should be done with them, and that is, abandon them. No amount of skilled teaching, fine furniture or new paint can make amends for defective heating, poor ventilation, inadequate lighting and unsanitary surroundings.

GENERAL CONDITION OF EQUIPMENT.

The equipment, or the pupils' desks, teachers' desks, blackboards, bookcases, etc., placed in schoolhouses erected since 1895 is, for the most part, in good order, and sufficient in quantity. The children's desks are single-seated, the teachers' desks of proper size, and blackboards are of slate and extend across two sides of classroom. In a large majority of the old buildings, however, much of the equipment is unsatisfactory. The classrooms are too small to permit the use of single-seated desks, and the undesirable double desks must be used. Some of the desks are from thirty to forty years

old and frequently have evidences of many of their occupants carved upon top or sides. No general system of desk repairs has been practiced for ten years. Every old school needs a thorough overhauling, and repairs of all pupils' desks should be made at an early day. Teachers' desks are often much dilapidated, and many are far too small for modern requirements. Slate blackboards are lacking in many schools; every old wooden blackboard should be removed and replaced by slate; the wood boards must be reslated at frequent intervals. Burlap for the display of the work of the pupils is a rarity in the old buildings.

Old double desks should be altered into single desks; in this way a serviceable desk can be secured, and one that comes nearer to the standard required in the modern classroom. The cost of altering the double desks is from \$1.25 to \$1.30, each, considerably less than the cost of new maple, oak or cherry single desks. Experience has demonstrated that the old double Soper desks, converted into single desks, are better than any single desks that can be had of school-desk manufacturers at twice the cost of alteration.

COST OF SCHOOLHOUSES.

The cost of erecting schoolhouses in other localities is here given for the purpose of comparison.

DISTRICT OF COLUMBIA—REPORT OF 1907-8.

SCHOOL.	Size.	Description.	Heated.	Year Erected.	No. of Classrooms.	Cost.	Cost per Classroom.
Corcoran	68'x82'	2 s. and b.	Furnace	1889	8	\$25,952 00	\$3,244 00
Dennison	92'x89'	3 s. and b.	Steam	1884	12	45,181 00	3,765 00
Hubbard .....	.....	2 s. and b.	Furnace	1900	8	38,046 00	4,755 78
Ross	82'x85'	2 s. and b.	Furnace	1906	8	43,214 00	5,401 75
Emery	86'x134'	2 s. and b.	Steam	1902	12	42,269 00	3,522 40
Edmonds .....	.....	2 s. and b.	Furnace	1903	8	55,000 00	6,875 00
C. H. S.	80'x147'	3 s. and b.	Steam	1890	24	82,317 00	3,430 00
Simmons .....	.....	2 s. and b.	Furnace	1903	8	52,000 00	6,500 00
Syphax	81'x85'	2 s. and b.	Steam	1901	8	39,237 00	4,903 00
E. H. S.	86'x164'	3 s. and b.	Steam	1898	20	101,084 00	3,484 27
Blow	81'x83'	2 s. and b.	Furnace	1906	8	45,475 00	5,684 30

All of the above buildings are of brick, fireproof in part only.

ST. LOUIS, MO.—REPORT OF 1908.

SCHOOL.	No. of Classrooms.	Amount of Contracts.	Cost per cu. ft.	Cost per Classroom.
Hampstead.	24	General work...\$151,684 45 Plumbing 9,238 00 Heating 16,815 80 Electric work... 4,850 00 Blackboards 2,421 22 <hr/> Total cost...\$185,009 47	\$0 175	\$7,708 72
Clark.....	24	General work...\$163,244 01 Plumbing 8,965 15 Heating 17,325 00 Electric work... 5,200 00 Blackboards 2,542 00 <hr/> Total cost...\$197,276 16	\$0 20	\$8,220 00
Fanning....	24	General work \$150,670 13 Plumbing 8,567 50 Heating 17,640 00 Electric work... 5,100 00 Blackboards 2,164 26 <hr/> Total cost...\$184,141 89	\$0 183	\$7,672 57
Webster...	24	General work...\$141,951 00 Plumbing 8,926 10 Heating 18,859 00 Electric work... 5,630 00 Blackboards 2,001 13 <hr/> Total cost...\$177,367 23	\$0 145	\$7,390 00
Shaw.....	24	General work...\$151,842 00 Plumbing 8,394 00 Heating 20,498 00 Electric work... 6,145 00 <hr/> Total cost...\$186,879 00	\$0 189	\$7,786 21

These buildings are all first class and fire-proof. Cost of blackboards is included in the above. This amounts to from \$80 to \$100 for each classroom.

ST. LOUIS—REPORT OF 1909.

SCHOOL.	Year.	Rooms.	Cost.	Per Classroom.
Soldan High...	January, 1908.....	92	\$629,715 00	\$6,844 72
Sumner High..	September, 1908.....	57	297,827 00	5,225 02
Walnut Park..	February, 1908.....	20	161,627 00	8,081 35
Carr	October, 1908.....	15	113,400 00	7,560 00
Humboldt	December, 1908.....	21	176,832 00	8,420 57
Lyon	April, 1909.....	14	131,692 00	9,406 57
Franklin	June, 1909.....	29	209,987 00	7,240 93
		248	.....	.....

Seven classrooms, \$52,779.16; average, \$7,539.88.

A later statement from the architects of the St. Louis schools gives the average cost per cubic foot of ten schoolhouses erected in 1908, 1909 and 1910 as 18.23 cents, and for 38 buildings costing \$6,808,157.05, erected between 1898 and 1910, as showing an average of 17.39 cents per cubic foot.

The St. Louis schools are strictly first-class buildings, fire-proof throughout.

SCHOOL.	Rooms.	Pupils.	Cost.	Per Classroom.
Baden	22	1,200	General work...\$152,635 45 Plumbing	\$8,677 88
			9,248 00	
			Heating	
			21,500 00	
			Electric work... 7,530 00	
			Total	
			\$190,913 45	
			Cost per cubic foot, about 27¼c.	
Oak Hill.....	20	1,000	General work...\$139,686 91 Plumbing	\$9,069 15
			12,954 20	
			Heating	
			22,381 00	
			Electric work... 6,360 99	
			Total	
			\$181,383 10	

NEWARK, N. J.—REPORT OF 1908-9.

Buildings completed during 1908-9:

SCHOOL.	No. of Classrooms.	Seating Capacity.	Cost.	Cost per Classroom.
Belmont avenue.....	18	864	\$110,000 00	\$6,111 11
Bergen street.....	18	864	98,000 00 }	5,444 44
Burnet street.....	18	864	100,000 00 }	
Hawthorne avenue.....	13	624	95,000 00	5,770 00
Lincoln School.....	12	608	75,000 00	6,250 00
Warren street....	12	608	108,000 00	9,000 00
Lafayette avenue.....	16	768	126,000 00	7,875 00
Morton street.....	52	1,536	222,000 00	6,937 50

The requisite data to determine size is not available, but as the classrooms seat 48 to 50 pupils, we can assume that they are of standard size; that is, 24 to 26 feet wide by 30 to 32 feet long, and, judging by the cost per classroom, the buildings must be fireproof, in part at least.

CLEVELAND, O.—REPORT OF 1907.

SCHOOL.	Year.	Stories.	No. of Classrooms.	Seats.	Total Cost.	Assembly Hall.	Per Classroom.	Per cu. ft.
Woodland	1905	3	19	900	\$76,807 00	500	\$4,043 00	\$0 127
Fruitland	1904	2	8	384	36,800 00	.....	4,600 00	133
Harmon	1903-7	3	19	954	89,800 00	504	4,200 00	146
Milford	1902-7	3	24	1,412	120,400 00	825	5,000 00	174
Rice	1904-7	2	16	800	90,900 00	500	5,620 00	322
Rosedale	1906	3	19	855	76,000 00	500	4,000 00	163
Watterson	1907	2	10	450	60,645 00	500	6,064 00	093
Wooldridge.....	1902	3	18	1,025	87,002 00	.....	4,830 00	223

All the above buildings are fire-proof in part only.

BOSTON, MASS.—REPORT OF 1908-9.

SCHOOL.	Year.	No. of Classrooms.	Stories.	Kind or Class.	Cost of Building.	Pupils.	Cost per Classroom.	Cost per cu. ft.
Columbus	1904	24	3	First	\$175,586 00	1,200	\$7,316 10	\$0 24
Dorchester High.....	1901	.....	3	First	321,214 00	.....	.....	17
Ellis	1904	12	2	First	125,552 00	600	10,463 00	24
Farragut	1904	14	2	First	154,150 00	700	11,010 00	2
Girls' Latin.....	1907	.....	3	First	297,116 00	600	.....	23
Otis	1905	12	2	First	110,722 00	600	9,225 00	27
								(piles)
O'Reilly	1904	14	3	First	115,221 00	700	8,230 00	26
Whittier	1905	10	2	First	77,866 00	500	7,786 00	24
Hawthorne	1906	9	3	First	70,822 00	450	7,870 00	25
Normal	1907	.....	3	First	329,237 00	350	.....	23
Perry	1904	14	3	First	149,131 00	700	10,651 00	24
Holmes	1905	24	3	First	201,643 00	1,200	8,402 00	20
Collins	1907	18	3	First	176,664 00	850	9,815 00	23
Jones	1904	10	2	First	117,152 00	700	11,715 00	23
Brooks	1930	15	3	Second	114,650 00	750	7,643 00	16
Wolcott	1901	15	3	Second	137,482 00	750	9,165 00	18
Baker	1905	24	3	First	164,923 00	1,200	6,872 00	23
Endicott	1906	10	2	First	83,297 00	500	8,330 00	24

SCHOOL COMMISSIONERS.

COST OF BUILDINGS—BALTIMORE ELEMENTARY SCHOOLS.

In the following tables the number of classrooms given is, in some instances, not actual but equivalent. In column "Seating Capacity," the lower figure represents the "Number Belonging, December, 1909."

SCHOOL.	Year.	Stories.	No. of Classrooms.	Cost of Building.	Seating Capacity.	Cu. ft. of Building.	Cost per Classroom, Not Inc. Basement Rooms.	Cost per cu. ft.	Heating.	Ventilation.
No. 11.....	1889	2	20	\$42,000 00	800 } 785 }	411,000	\$2,100 00	\$0 102	Furnaces	Old vent. stacks.
No. 32.....	1890	2	12	21,000 00	480 } 403 }	240,000	1,750 00	088	Furnaces	Smead system.
No. 80.....	1890	2	24	33,000 00	960 } 888 }	439,000	1,375 00	075	Furnaces	Smead system.
No. 95.....	1890	2	16	25,000 00	640 } 534 }	315,000	1,563 00	08	Furnaces	Smead system.
No. 79.....	1892	2	24	35,000 00	960 } 404 }	506,000	1,460 00	07	Furnaces	Smead system.
No. 68.....	1892	2	14	21,000 00	560 } 506 }	254,000	1,500 00	082	Furnaces	Smead system.
C. H. S.....	1893	2	16	26,000 00	640 } 612 }	296,000	1,625 00	088	Furnaces	Vent. stacks.
No. 78.....	1893	2	17	30,500 00	765 } 756 }	363,000	1,794 00	084	Furnaces	Smead system.

COST OF BUILDINGS—BALTIMORE ELEMENTARY SCHOOLS.

SCHOOL.	Year.	Stories.	No. of Classrooms.	Cost of Building.	Seating Capacity.	Cu. ft. of Building.	Cost per Classroom, Not Inc. Basement Rooms.	Cost per cu. ft.	Heating.	Ventilation.
No. 106.....	1893	3	20	\$27,000 00	900 } 757 }	320,000	\$1,350 00	\$0 082	Furnaces	Vent. stacks.
No. 63.....	1894	2	13	25,000 00	585 } 632 }	290,000	1,923 00	086	Furnaces	Smead system.
No. 35.....	1895	2	11	28,297 00	495 } 442 }	251,000	2,572 00	112	Furnaces	Smead system.
No. 37.....	1895	2	12	25,000 00	540 } 482 }	292,000	2,084 00	085	Furnaces	Smead system.
No. 96.....	1895	2	17	31,617 77	765 } 622 }	300,000	1,860 00	105	Furnaces	Gravity.
No. 113.....	1895	2	11	23,968 00	495 } }	252,000	2,179 00	095	Furnaces	Gravity.
No. 4.....	1896	2	16	35,000 00	720 } 548 }	322,000	2,188 00	109	Furnaces	Fans.
No. 34.....	1896	2	12	30,000 00	540 } 585 }	313,000	2,500 00	096	Furnaces	Gravity.

COST OF BUILDINGS—BALTIMORE ELEMENTARY SCHOOLS.

SCHOOL.	Year.	Stories.	No. of Classrooms.	Cost of Building.	Seating Capacity.	Cu. ft. of Building.	Cost per Classroom, Not Inc. Basement Rooms.	Cost per cu. ft.	Heating.	Ventilation.
No. 53.....	1897	3 and b.	20	\$60,000 00	1000 } 706 }	600,000	\$3,000 00	\$0 10	Steam	Fans.
No. 61.....	1897	3	18	54,000 00	900 } 771 }	561,000	3,000 00	096	Furnaces	Fans.
No. 112.....	1897	3	18	40,408 70	900 } 1655 }	451,000	2,245 00	09	Furnaces	Fans.
No. 47.....	1898	3	24	50,000 00	1200 } 873 }	720,000	3,000 00	07	Steam	Fans.
.....	*1899	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	*1900	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	*1901	.....	.....	.....	.....	.....	.....	.....	.....	.....
No. 83.....	1902	3	22	63,475 90	1100 } 1437 }	825,000	2,885 00	077	Steam	Fans.
No. 84.....	1902	3	22	69,218 35	1100 } 913 }	825,000	3,146 00	084	Steam	Fans.
No. 62.....	1902	3	24	65,203 81	1200 } 965 }	770,000	2,717 00	084	Steam	Fans.

*No buildings erected.

COST OF BUILDINGS—BALTIMORE ELEMENTARY SCHOOLS.

SCHOOL.	Year.	Stories.	No. of Classrooms.	Cost of Building.	Seating Capacity.	Cu. ft. of Building.	Cost per Classroom, Not Inc. Basement Rooms.	Cost per cu. ft.	Heating.	Ventilation.
No. 74.....	1902	3	24	\$71,110 49	1200 } 839 }	770,000	\$2,960 00	\$0 092	Steam	Fans.
.....	*1903	.....	.....	.....	.....	.....	.....	.....	.....	.....
No. 85.....	1904	3	24	90,559 95	1200 } 1011 }	823,000	3,773 00	110	Steam	Fans.
No. 98.....	1904	3	24	90,267 23	1200 } 924 }	823,000	3,761 00	110	Steam	Fans.
No. 64.....	1905	2 and b.	8	28,510 65	400 } 386 }	245,000	3,562 00	116	Steam	Fans.
No. 100.....	1906	3	18	63,315 16	900 } 754 }	513,000	3,518 00	123	Steam	Fans.
.....	*1907	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	*1908	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	*1909	.....	.....	.....	.....	.....	.....	.....	.....	.....
No. 59.....	1910	3 and b.	24	111,346 92	1200	816,000	4,639 00	136	Steam	Fans.
No. 86.....	1910	3 and b.	24	†122,884 41	1200	793,000	5,120 00	155	Steam	Fans.

*No buildings erected.

†Extra foundations.

SCHOOL COMMISSIONERS.

COST OF BUILDINGS—BALTIMORE ELEMENTARY SCHOOLS.

NOW UNDER CONSTRUCTION.

SCHOOL.	Year.	Stories.	No. of Classrooms.	Cost of Building.	Seating Capacity.	Cu. ft. of Building.	Cost per Classroom. Not Inc. Basement Rooms.	Cost per cu. ft.	Heating.	Ventilation.
No. 2.....	1911	3 and b.	24	†\$106,221 97	1,200	726,000	\$4,426 00	\$0 146	Steam	Fans.
No. 51.....	1911	3 and b.	24	150,366 00	1,200	896,000	6,265 00	163	Steam	Fans.

†Extra foundations.

COST OF BUILDINGS—BALTIMORE SECONDARY SCHOOLS.

SCHOOL.	Year.	Stories.	Cost of Building.	Cu. ft. of Building.	Cost per cu. ft.	Heating.	Ventilation.
Baltimore City College.....	1896	3 and b.	\$203,639 00	1,716,000	\$0 118	Steam	Gravity.
Eastern High School.....	1904	3 and b.	343,556 13	2,275,000	151	Steam	Fans.
Western High School (fireproof addition)..	1910	3 and b.	158,637 36	750,000	212	Steam	Fans.
Western High School.....	1895	3 and b.	132,000 00	1,209,000	109	Steam	Gravity.

COST OF SCHOOLHOUSES CONSIDERED.

Number of elementary school buildings of all kinds.....	154
Number of classrooms in same, about.....	1,600
Average number of seats, at 40 to a room, about.....	64,000
Average number of elementary pupils enrolled in 1909.....	76,045
Average number of elementary pupils belonging in 1909.....	57,837
Average number of high school pupils enrolled in 1909.....	4,318
Number of 24-classroom buildings that would be required to house 64,000 pupils, accommodation of each building being 24 rooms with 48 seats each, about.....	56
Excess number of buildings now in use (of all kinds).....	98
Or, 42 seats—average to room—as is found in the largest of the elementary schools, made up as follows:	
1 Vice-Principal's room.....	25
1 Eighth grade.....	30
9 Classes, at 40 each.....	360
12 Classes, at 48 each.....	576
1 Ungraded class.....	15
Total	1,006
Average per room.....	42

School No. 85 has an attendance of 1,028, which gives an average of nearly 43 pupils per room.

The normal classroom accommodates from 35 to 50 (rarely up to 60) pupils at fixed desks. In some special or private schools, the number is as low as 25, but economy of administration and a proper classification of the pupils make it desirable that the number should not fall below 30 to 35, while efficiency demands that it should not greatly, nor often, exceed 40.

Hence, basing our calculation upon 40 as the average number of pupils to a classroom, the result becomes:

Number of 24-classroom buildings that would be required to house 64,000 pupils, the accommodation of each being 24 rooms having an average of 40 seats each, nearly.....	67
Total number of elementary buildings now in use (of all kinds).	154
Excess number of buildings now in use (all kinds).....	87

The secondary schools are not included in the above calculation.

CLASSIFICATION.

Modern Standards of Efficiency—Professor Hamlin, of Columbia University, in a recent article, mentions the following as some of the requirements of a modern schoolhouse:

Solidity of construction.

Fire-proof throughout.

Adequate, straight halls and ample stairways.

Sunshine and access for the outer air in every room.

Abundant forced ventilation, 30 cubic feet of air per pupil per minute.

Classroom window area from one-sixth to one-quarter the floor area.

Cloakroom for every classroom.

Toilets for each story.

The standard size of the classroom as fixed by the Board of Education of Baltimore is 26 feet by 32 feet by 13 feet high, affording from 15 to 20 square feet of floor space for each pupil, and not less than 180 cubic feet of air space. See item, "The Standards of School Buildings," page 244.

Some of the other requirements as determined by this Board are as follows:

Longitudinal corridors, 10 to 12 feet wide, with large windows at each end.

Stairways at ends of corridors, ample, easy and fire-proof.

Heating by steam or hot water.

Ventilation—The plenum system.

Absolute ease of exit.

The standards of most of the cities throughout the country conform to these requirements.

Classifying the school buildings in Baltimore in accordance with these standards, and grading them in classes, gives us the following table:

Class No. 1, Modern—Eastern High School, Baltimore City College, new Western High School, Nos. 47, 53, 59, 61, 62, 74, 85, 86 and 98.

Class No. 2, Good—Nos. 4, 10, 34, 35, 37, 49, new 54, new 55, 60, 64, 83, 84, 96, 99 and 100.

Class No. 3, Fair—Nos. 3, 5, 8, 9, 11, 13, 14, 15, 19, 20, 24, 25, 29, 30, 32, 38, 39, 40, 45, 48, 63, 65, 67, 68, 72, 78, 79, 80, 103, 112, 113, Colored High School, new Baltimore Polytechnic Institute, Central Building.

Class No. 4, Defective—Nos. 1, 12, 16, 23, 31, 33, 42, 43, 44, 52, old 54, old 55, 66, 71, 73, 75, 76, 77, 81, 91, 92, 93, 94, old 99, 106, 110, old Baltimore Polytechnic Institute.

Class No. 5, Very Defective—Nos. 2, 6, 7, 17, 21, 22, 26, 27, 28, 50, 50 Branch (R), 51, 51 Branch (R), 56 (R), 57, 58, 58 Branch (R), 70, 82, 93 Eastern Branch (R), 93 Western Branch, 95, 97 (R), 101, 105, 107, 107 Branch (R), 108, 109, 109 Branch, 111, 111 Branch (R), 115, 116, and 118 (R). (R) designates rented buildings.

NUMBER OF SCHOOL BUILDINGS—DECEMBER 31, 1910.

SCHOOL BUILDINGS.	Elementary.	Secondary.	Total.
Schoolhouses owned by city.....	101	6	107
Dwellings owned by city.....	3	.....	3
Portable frame buildings.....	33	1	34
Buildings of various character rented.....	17	4	21
Total	154	11	165

PLEA FOR LARGER PLAYGROUNDS.

The average 24-classroom building covers an area of 12,000 square feet, and when cellar areas and outside steps are included, more than this. If 30 square feet of yard space, or playground, per pupil, is recognized as a minimum allowance,

then most of the school yards are woefully deficient in this respect. The old school yard will not average 10 square feet per pupil—some not 5 feet. Schools Nos. 54, 53, 83, 85, 64, 65, 67, 59, and probably some few others, have grounds of fair size. A 24-classroom building having 1,000 pupils should have a lot for building and yard containing 42,000 square feet, or 150 feet long by 280 feet deep. The longer length should face either east or west, or when it is practicable, southeast or northwest, in order that every classroom may have sunshine during some hours of the day. Classrooms facing the north are often cheerless, and on dark days, gloomy.

The absolute necessity of providing ample grounds about school buildings has been demonstrated at Schools Nos. 95, 9 and 42, where the erection of high buildings within ten or twenty feet of the classroom windows has made the rooms so dark that they need artificial light even on bright days.

NEED OF BETTER PAY FOR EMPLOYEES.

The pay of janitresses is \$20 per month for one story of an elementary building, embracing eight classrooms, eight cloakrooms, a teachers' room, often a teachers' toilet-room, a corridor, 10 to 11 feet wide by 100 to 120 feet long, and two stairways. The entire floor must be scrubbed at least once each month, the windows kept clean, and all parts swept and dusted each day. Her work begins in the afternoon when the teachers finish their tasks, and must be completed by 8.30 the next morning. In those old buildings heated by stoves, she must clean out ashes, bring up coal and wood from cellar, make the fires and provide sufficient coal in each classroom to suffice for the day. She is not required to remain at the building and, but in two or three cases, does she come to the building to attend fires at noon.

The fireman's monthly pay is from \$45 to \$50; in a few instances, \$55 or \$60. His duties are to care for his four.

six or eight furnaces, keep the basement, yards and sidewalks clean. He is required to remain at the building during entire school sessions, and he is not permitted to leave for dinner at the noon recess, or at any other time before the afternoon dismissal of school. He is also required to clean snow from sidewalks, except when it would be inadvisable to have him leave his work inside the building.

The engineers take charge of the steam heating and ventilating plants. The men who fill these positions are licensed by the State Board. They are not permitted to leave their boilers during the firing season except for a few minutes at a time, when looking after the apparatus in the classrooms. Their pay is from \$60 to \$70 per month, with one exception, that of Engineer Hain, of the Eastern High School, who receives \$83.34, and has rooms in the basement of the building.

The force of employees numbers 325. This will be increased when the new buildings Nos. 2 and 51 are completed during the coming summer.

The pay of these employees should be increased. With very few exceptions, the salaries are not commensurate with the service required, and the cost of living. Should the policy of permitting school buildings to be used for other than strictly school purposes be adopted, considerable additional work must be done. It has also been urged by parents' associations and other outside organizations interested in school matters, that a janitress should be on duty all day in every girls' school.

The janitresses of the secondary schools remain on duty all day long. Their pay is \$30 per month.

This Department was allowed by the Board of Estimates in the appropriation for 1911 an additional sum of \$3,300, in order to increase the pay of employees, but this is a pitifully small increase, and does not permit an increase of one dollar per month for each employee. (Three hundred and forty employees by \$1 by 12 months equals \$4,280.)

This amount was not, however, divided in this manner, but was given in sums of from \$1 to \$2.50, and in some instances, \$5, to those most deserving.

BETTER VENTILATION FOR OLD BUILDINGS.

No school building erected prior to 1895 has a system of ventilation worthy of the name. Some buildings were equipped with the Smead system—defective, inadequate and objectionable—others with central ventilating stacks, or some device dependent upon gravity for its efficiency. School No. 1, northeast corner Fayette and Greene streets is a good example of the central stack method. There are four such stacks, or chimneys here, having ventilating registers opening into them from the classrooms. The stacks are of brick, about 30 inches square, inside, and hold a cast-iron smoke pipe, of 10 inches to 12 inches diameter, into which the smoke pipes from furnaces in the cellar enter. The heat of the smoke pipe heats the air of the stack around it and sends it up and out through the roof above, in this manner drawing the air out of the classrooms and furnishing a moderate degree of ventilation.

This method was deemed a proper one in 1880, when the school was erected, and there is, possibly, none better in the old buildings. A visit to this school today will convince even a casual observer that satisfactory ventilation is lacking. If this is the best of the old systems, what shall be said of those buildings having more defective systems, or no system? It should be borne in mind, also, that the old classrooms are much below standard size; they are often much crowded, frequently with children who never heard the maxim that "Cleanliness is akin to godliness." That children or teachers can remain in these rooms and not receive injury is a physical impossibility. There is no more serious problem confronting this Department than furnishing proper ventilation for the

old schoolhouses. It is more important that children have pure air than that they should have pure water.

Recognizing the harm that is being done by bad air, the American Society of Heating and Ventilating Engineers, the Chicago public schools, and the Chicago Health Department have appointed a commission to study the problem. Only a partial report has been made to date, as their work has not yet been completed.

It seems to be agreed by their engineers who are most familiar with present methods that a perfect system of ventilation is as yet only a matter of theory. At best no artificial scheme of ventilation will ever, in all probability, equal outdoor conditions in promoting human health and happiness.

The Chicago Ventilating Commission have agreed upon some general principles, among which are the following, which may be termed basic and hygienic:

No. 3.—Resolved, That a temperature of 68 degrees Fahrenheit, with a proper relative humidity, is the proper maximum temperature for rooms artificially heated and ventilated.

No. 4.—Resolved, That in the present state of knowledge it is impossible to designate the particular harmful agent or agents in, or associated with, expired air.

No. 8.—Resolved, That upward ventilating currents of air in crowded rooms are desirable when arising from sources free from dust or other injurious particles.

No. 10.—Resolved, That the delivery of a certain volume of air per hour per inhabitant in a given space does not necessarily constitute ventilation.

No. 12.—Resolved, That heating and ventilating are separate questions and should always be so considered.

No. 13.—Resolved, That relative humidity is one of the most important factors in ventilation from the standpoint of health.

No. 14.—Resolved, That it is economic from a fuel standpoint to maintain a fairly constant relative humidity in ventilation.

The foregoing resolutions are from a report of the Elizabeth McCormick Open Air School of Chicago, by Mr. Sherman C. Kingsley.

The *Engineering Record*, of New York, has the following editorial comment respecting "New Opinions Regarding Ventilation":

* * * "On this basis (supplying fresh air fast enough to keep the amount of carbon dioxide below a maximum amount) the practice of ventilation was developed, but of late it has been apparent that there is something wrong somewhere in the practice, for ventilating plants giving far more air than the medical standard required, have failed to render many auditoriums comfortable. * * * It is apparent that further investigations are needed in order to show with fair certainty how much importance should be attached to suggested defects or sources of danger in the present methods."

PURE DRINKING WATER FOR SCHOOL CHILDREN.

The Forest Park Improvement Association has installed, at its own expense, a method of filtering drinking water in School No. 64, a very commendable and public spirited action, one that could be followed by other similar organizations without the least disadvantage to the school children.

The question of installing sterilizers in the public schools has been fully considered by the Department for several years past, but owing to the lack of funds, no steps have yet been taken to provide any school building with the necessary apparatus. The cost of installing a suitable or serviceable sterilizer would average at least three hundred dollars per school-house, whilst to sterilize water at central points and then haul to the different buildings would very materially increase the cost of operation. It would seem to be the duty of the city to provide suitable water for every inhabitant, so that the cost of purification should not fall upon School Boards.

BATHS IN SCHOOLHOUSES.

Principals, teachers and executive officers concur in the opinion that baths in school buildings in certain localities where a foreign element in the population largely predominates, would be decidedly advantageous.

VACUUM CLEANING IN OLD BUILDINGS.

In the new schools, Nos. 59 and 86, and the Western High School, a vacuum cleaning apparatus has been installed, and in the new buildings to be erected during 1911, provision has been made in the architects' specification for such installation. These methods are all new, and as yet none seems to meet fully the requirements of schoolhouse cleaning. The most difficulty is experienced in operating the sweepers or cleaners in the classrooms where the furniture is fixed to the floor, and the pieces stand close to each other. But the great desirability, in fact, from the hygienic standpoint, the *prime necessity of removing dirt and dust from the classroom*, convinces one that this subject deserves the most thorough consideration. This applies in a far greater degree to the old schoolhouses than to the new ones, for the new rooms are large, light, well ventilated, whilst the old are often small, much overcrowded and poorly, if at all, ventilated. An appropriation of \$50,000 per year (for a few years) would not go far toward providing for the old schoolhouses the equipment needed, but it would be money well spent when we take into account the conservation of the health of the children and the saving of the little ones from tuberculosis.

SNOW CLEANING.

By ordinance of the City Council, this Department must provide for the cleaning of snow from school sidewalks after January 1, 1911. The service had previously been rendered

by the Street Cleaning Department for all the larger schools. The cost of an average snow fall is about one hundred and fifty dollars.

NOISY STREET PAVEMENTS.

All streets in front of schools should be paved with some less noisy material than stone or brick. Sheet asphalt appears to be the best, so far as known at present.

DIRT CELLAR FLOOR.

No dirt floors should be permitted in school buildings any longer; all so remaining should be paved with brick or cement.

LIST OF APPROPRIATIONS FOR SCHOOL BUILDINGS FROM 1900 TO 1910, INCLUSIVE.

1900.

Grammar School No. 7 (now No. 47) (South-eastern District).....	\$2,425 25	
Baltimore City College (Western District)....	2,400 00	
		\$4,825 25

1901.

No appropriation.

1902.

School No. 55, (Northern District).....	\$23,175 04	
School No. 54, (Northeastern District).....	9,138 25	
School No. 83, (Southeastern District).....	34,315 57	
School No. 84, (Southern District).....	24,707 83	
School No. 62, lot and building (Northern District)	31,802 12	
School No. 74, lot and building (Northeastern District)	41,272 36	
School No. 99, lot (Northeastern District)....	4,038 50	
School No. 48, lot (Western District).....	4,820 45	
School No. 55, lot (Northern District).....	1,218 95	
		174,489 07
<i>Amount carried forward</i>		\$179,314 32

Amount brought forward..... \$179,314 32

1903.

School No. 55, (Northern District).....	\$23,594 38	
School No. 54, (Northeastern District).....	10,861 75	
School No. 83, (Southeastern District).....	33,748 23	
School No. 84, (Southern District).....	44,249 17	
School No. 62, (Northern District).....	38,069 97	
School No. 74, (Northeastern District).....	34,756 64	
School No. 100, (Western District).....	45,221 35	
School No. 10, lot and building (Western District)	4,130 95	
	<hr/>	234,632 44

1904.

School No. 74, (Northeastern District).....	\$2,212 61	
School No. 62, (Northern District).....	1,368 36	
School No. 64, (Western District).....	15,000 00	
School No. 83, (Southeastern District).....	2,925 75	
School No. 84, (Southern District).....	1,440 00	
School No. 85, (Northeastern District).....	4,440 05	
School No. 55, (Northern District).....	1,387 44	
School No. 98, (Southern District).....	60,000 00	
School No. 10, (Western District).....	40,000 00	
School No. 100, (Western District).....	12,664 13	
School No. 100, (Western District).....	4,778 65	
	<hr/>	146,216 99

1905.

School No. 10, (Western District).....	\$65,559 95	
School No. 85, (Northeastern District).....	39,238 59	
Eastern High School—New—(Northeastern District)	168,320 63	
	<hr/>	273,169 17

1906.

School No. 10, (Western District).....	\$44,725 27	
Parental School, (Western District).....	15,000 00	
School No. 51, lot (Northeastern District).....	7,000 00	
School No. 92, lot (Southern District).....	2,425 25	
Eastern High School, (Northeastern District).....	53,859 93	
School No. 64, (Western District).....	33,748 05	
School No. 85, (Northeastern District).....	34,474 57	
School No. 98, (Southern District).....	31,603 72	
	<hr/>	222,836 79

Amount carried forward..... \$1,056,169 71

Amount brought forward.....\$1,056,169 71

1907.

School No. 64, (Western District).....	\$3,167 05	
School No. 49, (Western District).....	50,000 00	
School No. 59, (Northern District).....	50,000 00	
School No. 65, lot (Western District).....	5,000 00	
School No. 86, lot (Western District).....	6,000 00	
School No. 51, (Northeastern District).....	96,000 00	
School No. 6, (Southeastern District).....	10,000 00	
School No. 83, lot (Southeastern District)....	6,265 45	
School No. 10, (Western District).....	4,514 66	
Eastern High School, (Northeastern District)..	12,185 91	
		<hr/> 243,133 07

1908.

Baltimore Polytechnic Institute, (Northeastern District)	\$109,000 00	
Western High School, (Western District).....	125,000 00	
School No. 22, (Southern District).....	66,000 00	
School No. 6, (Southeastern District).....	50,000 00	
School No. 2, (Southeastern District).....	50,000 00	
		<hr/> 400,000 00

From 1957 Loan:

School No. 54, lot adjoining (Northeastern District)	\$12,000 00	
School No. 86, (Western District).....	64,000 00	
School No. 86, lot adjoining (Western District)	6,000 00	
		<hr/> 82,000 00

1909.

School No. 60, addition (Northern District)...	\$6,512 00	
School No. 86, (Western District).....	56,000 00	
School No. 59, (Western District).....	75,000 00	
School No. 51, (Northeastern District).....	24,000 00	
School No. 2, (Southeastern District).....	32,000 00	
School No. 70, (Southern District).....	100,000 00	
School No. 60, (Northern District).....	18,000 00	
School No. 55, lot (Northern District).....	6,000 00	
School No. 6, (Southeastern District).....	22,000 00	
Baltimore Polytechnic Institute, (Northeastern District)	30,000 00	
		<hr/> 369,512 00

Amount carried forward.....\$2,150,814 78

Amount brought forward.....\$2,150,814 78

1910.

School No. 51, (Northeastern District).....	\$9,361 63	
School No. 2, (Southeastern District).....	28,443 42	
School No. 86, (Western District).....	13,440 13	
Western High School, (Western District).....	31,093 91	
School No. 99, lot adjoining (Northeastern District)	9,420 00	
Baltimore Polytechnic Institute, (Northeastern District)	88,343 75	
School No. 68, (Western District).....	9,000 00	
School No. 86, additional ground (Western District)	7,200 00	
School No. 60, (Western District).....	10,000 00	
School No. 27, etc. (Southeastern District).....	30,000 00	
School No. 70, (Southern District).....	50,000 00	
School No. 76, addition (Southeastern District)	20,000 00	
School No. 4, lot adjoining (Southern District)	8,000 00	
School No. 51, lot adjoining (Northeastern District).....	5,000 00	
		319,302 84
Additional for Eastern High School, probably appropriated in 1907.....		162,819 44
Grand total.....	\$2,632,937 06	

LIMITS OF DISTRICTS.

Northeastern—North of Baltimore street and east of Charles street.

Southeastern—South of Baltimore street and east of Charles street.

Northern—North of North avenue and west of Charles street.

Western and Central—South of North avenue and west of Charles street.

Southern—Bounded by the Baltimore and Ohio Railroad and Pratt street, the Northwest Branch, the Patapsco River, the Middle Branch and the Southern city limits.

EVOLUTION OF THE SCHOOLHOUSE.

The oldest schoolhouses in charge of this Department are Nos. 101, 109, 116 and 2. These are of brick, two stories in height, with no cellar or one large enough for storage of fuel only, small classrooms, windows small, partitions between rooms of glass sash, rooms heated by stoves, ventilation by the windows only; one stairway, and that with winding steps, no cloakrooms or teachers' room or office; arrangement of rooms bad, so that access to exits is difficult, no water in the building, old privies in the yards, yards small. The photograph of School No. 111, shown in this report, is typical of the schools built about the time these were erected. All such buildings can be placed in class "Very Defective." Buildings erected between 1865 and 1870 to 1875 were often but little better than those named above; for instance, note No. 22 in 1865, No. 7 in 1864, No. 26 in 1874, No. 105 in 1874, Nos. 27 and 28 in 1869. Rooms were made somewhat larger, but the same general principles governing school-house planning were followed. Changes made in all these buildings from time to time have improved them somewhat, notably, Nos. 38, 22, 77, etc., where rooms were enlarged, additional exits provided and outside stairways added. Stoves were removed from No. 77 and furnaces installed.

The necessity of keeping classes further apart and, on the score of safety, erecting easier and wider stairways and through halls or corridors, is first noticed in No. 16 and No. 5 in the year 1876, or in Nos. 9 and 81 in 1875, and No. 110 in 1877. The longitudinal corridor is not run through from front to rear in all of these, but there is a decided improvement in the stairway accommodation. Glass partitions continue, windows are enlarged, and cellars extend under the entire building. The heating is by hot air furnaces, the old brick set type, and ventilating stacks are in evidence. The privies remain in the yards—no indoor toilets. The typical

plan of this period embraced a large central classroom for the principal, with the other classrooms grouped around as far as conditions permitted, with partitions of window sash separating all the rooms, so that the principal could remain in his seat and still have a controlling view of the entire floor. Longitudinal corridors or passages were incompatible with this plan. Another advantage claimed for this plan was that the entire floor could be used as an assembly hall, the sash being thrown up, and the children remaining in their seats. The classrooms of No. 111 average 19 feet by 19 feet. The lot contains 6,400 square feet, the building covers 2,160 square feet and the yard privies about 240, leaving for yards 4,000 square feet.

Taking School No. 91 as a type of the defective class and comparing same with No. 111, no very marked improvement is noticeable. The rooms are small, lighting inadequate, no cloakrooms, partitions of glass, some classrooms must be passed through in order to reach exits, ventilation by the windows, heating by stoves (furnaces have since been installed). There are two stairways and one fire-escape (this last a late improvement), yet ease of access to exits is lacking, owing to the numbers of turns required to reach them. Classrooms average 21 feet by 26 feet. The rooms on northwest side have lack of light, the wall of adjoining dwelling being near the school windows. The yard area is limited, particularly so in one yard where a portable building has been placed. The old privies in yards have been removed and sanitary flushing closets placed in the basement. All these improvements have been made within the past five years. They have raised the grade of the schoolhouse materially.

School No. 11, our type of the class designated "Fair," shows decided advance. A longitudinal corridor from front entrance to the cross corridor near rear of building, stairways at each end of building, much larger windows, a fair attempt to ventilate the classrooms, heating by hot air fur-

naces, rather than stoves, a few cloakrooms, a teachers' room, but still the glass partitions between rooms and between rooms and corridors. Classrooms average 21 feet by 26 feet, below the modern standard, but give a floor space of fourteen and three-quarter square feet to each of forty-two pupils. Modern toilets have been placed in the basement. The cellar is still unpaved, a very objectionable feature at all times, and especially so when fresh air conduits from out doors to furnaces are of wood as was formerly the case. Water for drinking, etc., has been placed in the corridors. This building was erected in 1886, and the rear addition in 1889. The lot is about 126 feet wide and the building (for front portion) 60 feet, allowing yard space on each side 30 feet, consequently the lighting is good, on the south side permanently, being next to Mosher street, and on the north side until a high building on the adjoining lot should ruin it. The side walls of No. 11 are without the least attempt at architectural design, but the front on Gilmor street makes some pretensions to beauty. It is not displeasing, but the question naturally arises, in comparing it with the severe simplicity of No. 91, whether in this respect there has been any advance. (See the photograph.)

One type of the "Good" school is No. 61, erected in 1897. (See photograph of the building.) The arrangement of rooms is good, with wide longitudinal corridors the full length of building; a slate stairway at each end, classrooms 24 feet by 30 feet, rather below this Department's standard of 26 feet by 32 feet, but fully up to the latest requirements (see Boston's standard), and giving 15 square feet floor space to each of 48 pupils. Windows are large, furnishing ample light. Partitions all of brick or stud and plaster, making all rooms private. There are cloakrooms, teachers' rooms, offices, ample toilet accommodation, and good yards. Ventilation is forced by four electric fans, and the heating is by Smead hot air furnaces and one small steam boiler. This system of heating and ventilating has not proven satisfactory, and must be changed.

The basement is paved, well lighted, and the floor, in rear, on level with yard.

The exterior walls are faced with a sand brick on the front and the returns, whilst the rear is of a simple red brick. In the design of this building, its architect has displayed unusual good judgment and excellent taste. It is a simple brick structure, a schoolhouse, where excessive decoration would be much out of place. The two entrances are well marked features; the other openings are judiciously distributed; all parts of the design are well balanced, and its beauty is the result of a truthful and harmonious adjustment of its principal features.

No. 86, the type of "Modern" (elementary) schoolhouse is better than No. 61, namely, in its larger classrooms, its provision of assembly hall and manual training and cooking-room in the basement, its better heating facilities, a more thorough system of ventilation, an improved method of dust removal, or vacuum cleaning, the bubbling drinking fountains, an additional fire-proof stairway, rather wider main corridor, more ample toilet accommodation for pupils and teachers, semaphores or fire alarm signals in classrooms, book closets for each classroom, etc. A comparison of No. 86 with No. 111 would seem to leave nothing further to be desired in schoolhouse planning, yet it is not unreasonable to presume that the standard school house of 1920 may convince us that our methods of today are not ideal. There is today room for improvement in heating methods, in systems of ventilation, in natural and artificial lighting, in sanitary arrangements, in cleaning appliances, etc., etc., and the thought that is now being devoted to these matters must be productive of more satisfactory results.

FIRE ALARM SYSTEMS.

Every school building is equipped with a system of electric fire alarm signals. In the old buildings, these are controlled from the office of the principal and, in certain instances, at

other points. Immediate attention is given to reports of needed repairs, and the efficiency of the equipment maintained at all times. In the new buildings semaphores have been placed in all classrooms.

The Chief Engineer of the Boston Schoolhouse Commission makes the following statement respecting fire protection:

"The Commission installs a complete fire alarm system in all its buildings, regardless of whether they are of the so-called fire-proof construction or not. * * * We have 175 buildings equipped with this system. * * * We employ one man who gives his entire time to the work, making monthly inspections during the school time, and renewing battery during the summer months."

THE STANDARDS OF SCHOOL BUILDINGS—ELEMENTARY SCHOOLS.

The list of standard requirements as given in previous reports is herewith revised:

A. Frontage—Southeast preferable; where this is impracticable, east or west is to be preferred to north or south.

B. Number of Stories—Two or three, as required, above a high basement story. Floor of basement not more than 3 feet 6 inches below grade, less if possible. If an assembly hall is provided in the basement, the floor of same may be carried below the general basement level. It should be as free from visual obstructions as possible.

C. Plan—A parallelogram is preferred, having wide longitudinal corridor.

D. Entrances and Exits—One entrance at each end of building is imperative and a main entrance at center of front for all three-story buildings. Exits to yards from each basement toilet-room essential, and from first floor to each yard desirable. Outside entrances to the basement assembly halls essential.

E. Corridors—Minimum width 10 feet, and 12 feet more satisfactory. Large windows at each end for light and air. All doors should open outward, to be closed by automatic spring door check. Obstructions, such as sinks or fountains, placed in main corridor, not generally desirable. All outside doors should be secured by the Von Duprin or similar safety device. Floors should be of terrazzo, or linoleum on a cement surface. Walls of light colored glazed brick preferable. Provide picture moulding. Lighting by short pendant electric fixtures. Heating by direct radiators; floor warmers on first floor. Ventilation where possible, with due regard to unbroken wall space.

F. Stairways—For two-story buildings, one at each end of corridor, and for three-story buildings another stairway near center. All fire-proof and enclosed in brick walls. Width never less than five feet. Two flights between each story, no winding or diagonal steps permitted. Height of riser from $6\frac{1}{2}$ inches to 7 inches, and treads $10\frac{1}{2}$ to 11 inches.

G. Water—Water for drinking and janitors' use to be provided on each floor. Provide drinking fountains in each corridor, and ample facilities in all yards; also, supply for janitor in basement, yards, and street hose.

H. Fire Protection—One or more lines of stand pipe as required. A sprinkler system for basement ceiling. Every building must be equipped with an approved system of fire alarm signals.

I. Artificial Lighting—Building should be piped for gas in assembly hall and special rooms and tubed and wired for electric light throughout.

J. Vacuum Cleaning—An equipment of standard and approved design for all rooms and corridors.

K. Sanitaries—Children's toilets located in basement, well lighted and ventilated, floor asphalt or tiling. Allow one

closet for each twenty-five boys and one for every fifteen girls. Urinals to be of slate with slate stall divisions, and slate floor four feet wide sloping to a slate gutter. One emergency toilet desirable on second and one on third floor.

Allow 33 inches of urinal for each classroom. Doors to toilet-room to open in and out, glazed in upper panel with ribbed glass. Half-doors to girls' water closet, none to boys'. Walls faced with salt-glazed or other non-porous brick, seven feet high, and painted brick above. Ceilings of metal, painted, when joists are of wood; otherwise, plastered.

Heating, direct. Ventilation through water closets and space back of urinals; allow 10 square inches local vent for each water closet, and 8 square inches for each linear foot of urinal.

L-1. Principal's Office—On first floor, near main entrance, with large book and stationery supply closet adjoining. There should be a small private office and one large enough for faculty meetings and to serve also as a reception room. Provide one basin and water closet in small room adjoining office, having outside light and air.

L-2. Teachers' Room—One teachers' room on second and one on third floor, each with wash hand basin, water closet and gas supply for range. Where practicable provide one general assembly or lunchroom for teachers, with enameled sink and gas range, size 24 feet by 30 feet, or more, for 24 teachers.

M. Assembly Hall—In basement, with entrances from the main stairways, and at least one outside entrance. Size, as large and as free from obstructions as practicable. Floor to be level. Platform large enough for 75 to 100 persons. Walls and ceilings plastered, tinted. Supply a cemented dado, chair rail and picture moulding. Control the artificial lighting from at least two points, one near an exit. Electric outlet for 30 ampere projection lantern. Provide recess in ceiling

for lantern curtain. Flooring of wood. Heating and ventilation as for classrooms. Outside lighting, all that can be secured.

N. Storm Doors or Vestibules—Should be provided at the entrance of each building. It is dangerous to have small children attempt to open the large outside doors during windy weather. Doors between vestibule and hall to open both ways.

O. Height of Ceiling—Basement 11 feet, and upper stories not less than 12 feet, all in the clear. Plaster ceilings preferred, but where joists are of wood, metal ceilings are more durable and satisfactory.

P. Manual Training Room—A corner room in basement. Size, 800 to 1,000 square feet. Windows as large as possible, and on two sides. Artificial lighting, one pendant to every four benches. Flooring of wood. Walls, of salt-glazed brick seven feet high, and above of common brick, magnited. Ceilings of metal, painted, when joists are of wood; and magnited when of cement or terra-cotta. Heating and ventilation same as other classrooms. Provide stockroom 80 square feet. A wardrobe or cloakroom, a teachers' closet about 40 square feet, recess for a bookcase or book cupboard, a 3-foot sink, a work rack, etc.

Q. Cooking-Room—A duplicate practically of the manual training-room, except that less heat will be required, and the floor under ranges should be tiled. Provide a ventilating flue for connection with range hoods.

R. Kindergarten—As the ordinary classrooms, rather larger, where practicable.

S. Classrooms, Size—Standard size of four corner rooms of each floor, 26 feet by 32 feet, others 24 feet by 30 feet, none less than 12 feet high in the clear. Each classroom should

be consecutively lettered on the plans. These letters to be for the doors and for the annunciator. Other rooms to be named on plans and annunciator.

T. Lighting—Glass area of windows not less than one-sixth of the floor area. Lighting should be unilateral and must enter from the left side of the pupil. Windows on two sides of corner rooms permissible, for natural ventilation. Head of windows about 12 inches below ceiling, less in basement rooms. Window sills on left side of rooms 3 feet 6 inches above floor; those in front or rear 6 feet to 7 feet up. Piers between windows as narrow as practicable. Window sash divided by nuntins, no large lights of glass. Finished with plastered jamb and metal corner-beads; no wood architraves.

U. Doors—Two to corridor and one to cloakroom, opening outward. Size, 3 feet 6 inches by 7 feet, with glass in upper panel, and high transoms, pivoted.

V. Flooring—To be edge grain Georgia pine; junction of floor and sur-base finished with cove. Floor should be sound-proof.

W. Walls—A light gray or greenish gray, or light drab or buff. Plastered walls and metal ceilings should be painted in oil so that walls may be washed; and without gloss, and stippled to prevent reflection.

X. Blackboards—Provide grounds for blackboards 3 feet 6 inches wide (or high) on front and right side of every classroom; 2 feet 2 inches, 2 feet 4 inches, and 2 feet 6 inches above floor for primary, intermediate and grammar grades. Above the blackboards provide ground for 18-inch display board or burlap. Continue blackboards full width of room, from angle to door jamb. Provide grounds on rear of room for burlap or display board.

Y. Book Closet—Each classroom to have a book closet, 24 inches deep by 4 feet to 5 feet wide with door, lock, and shelving. Place the doors in cloakrooms adjoining classroom rather than destroy blackboard at front or right side of class.

Z. Map Supports—One map support for each classroom, back of teachers' desk or opposite windows.

ZA. Cloakrooms—Provide one for each classroom and adjoining same, with one door to classroom and one to corridor, both opening from classroom toward corridor. To be heated and ventilated and must have one outside window. Floor area about 100 square feet. Each cloakroom to have umbrella stand.

AA. Heating—A direct-indirect system preferred for classrooms, with radiators in the corridors and at all exposed points.

BB. Ventilation—By a plenum system, with fans run by steam engine or electric motors. Both warmed and tempered air to be driven up to corridors, offices, classrooms, etc. Provide each pupil 30 cubic feet of air per minute. Flow through registers not to exceed 6 feet per second. Locate heat registers 8 feet above floor and vent register just above washboard. Avoid, if possible, the locating of registers where the good appearance of room will be marred.

CC. Boilers—Low pressure boilers preferred. The motive power for fans should be electric. Provide with ash lift for removal of ashes from cellar to sidewalk.

DD. Sash—All outside window sash should be made reversible by the use of Tabor sash or similar device, so that the outer face may be cleaned without danger to janitresses, and the opening of the entire window space thereby secured.

EE. Baths—Provide a room in basement large enough for at least four shower baths and the requisite attendants' rooms.

FF. Roof Playground—Where sufficient yard room is not available, provide a roof playground to be reached by two stairways from third story.

GG. Library—A room for library purposes is very desirable. Located preferably near principal's office.

CHANGES MADE IN JANITOR SERVICE DURING YEAR 1910.

Engineers appointed.....	4
Engineers deceased.....	1
Engineers resigned.....	1
Firemen appointed.....	4
Firemen deceased.....	..
Firemen resigned.....	..
Firemen dismissed.....	3
Firemen transferred.....	..
Janitors appointed.....	3
Janitors transferred.....	1
Janitors resigned.....	..
Janitors dismissed.....	..
Janitors deceased.....	1
Watchmen appointed.....	..
Janitresses resigned.....	13
Janitresses appointed.....	23
Janitresses dismissed.....	1
Janitresses deceased.....	3
Janitresses transferred.....	1

TOTAL NUMBER OF EMPLOYEES, DECEMBER 31, 1910.

Engineers	22
Firemen	76
Janitors and watchmen.....	12
Janitresses	215
	<hr/>
Total number.....	325
	<hr/> <hr/>

COMPARATIVE YEARLY COST OF HEATING TAKEN FROM CONSUMPTION DURING YEAR 1909-1910.

SCHOOLS.	Stoves.	Furnaces.	Tons Hard Coal.			Bituminous Coal (tons).	Total Yearly Cost of Coal.	Classrooms.	Capacity or Number of Pupils Belonging.	Cost per Classroom.	Cost per Pupil.	Remarks.	
			No. 1	No. 2	No. 3								
No. 111 and branch.....	17			35			\$196 00	10 and 4	Est. 560	\$14 00	\$0 350	This group is practically without ventilation. Old arrangement of rooms.	
No. 101	10			22			123 29	6	Est. 240	20 53	513		
No. 118 (1 portable building).....	9			36			201 60	8 and 1	622	22 40	324		
No. 107	16			44			246 40	10 and 2	Est. 640	20 53	382		
No. 97	9			21	4		146 20	9	340	16 24	430		
No. 22	15			34			196 18	15	483	13 08	406		
No. 27	14			36			201 60	14	581	14 40	347		
No. 2	12			33½			187 60	12	523	15 63	358		
Average cost.....										\$17 10	\$0 39		For stove heating.
No. 20		10 portable.....		120	5		\$700 75	30	1,200	\$23 36	\$0 584		Mostly portable furnaces. Ventilation very inadequate.
No. 44		6 portable.....		55			317 35	14	560	22 67	567		
No. 75		9 portable.....	12	125			764 80	23	920	33 25	820		
No. 106		8 Smead.....	2	64	1		386 22	20	800	19 31	473		
No. 113 (4 portable buildings).....	4	3 Smead and 1 boiler.....		5	55		344 25	10 and 4	650	24 59	530		
No. 43		7 portable and brickset.....	100		10		587 50	24	960	24 48	612		
No. 94		7 portable and brickset.....	45	30	40		636 50	26	1,092	24 48	583		
No. 54		8 portable and brickset.....		135			792 45	20	950	39 62	834		
Average cost.....										\$26 46	\$0 625	For furnace heating.	
No. 61		8 Smead, 1 low-pressure steam boiler.....			256	25½	\$1,585 00	18	900	\$88 06	\$1 761	1 L. P. boiler, 4 fans. 2 stoves, 2 fans in portables. Smead ventilating, gravity system. Gravity system. Smead system.	
No. 112 (2 portable buildings).....	2	6 Smead.....		6	164		984 80	18 and 2	900	49 24	1 094		
No. 42		5 Smead.....		80			448 00	20	800	22 40	560		
No. 34 (2 portable buildings).....	3	4 Smead.....		20	49		404 50	12	600	33 71	674		
No. 78		4 Smead, 1 portable, 1 hot-water heater.....		4	135		805 40	17	765	47 38	1 052		
Average cost.....										\$48 16	\$1 028	For Smead furnaces, some with fans.	
No. 100		2 boilers.....				135	\$417-15	17	754	\$24 54	\$0 553	Heating of this group by steam, mostly indirect radiation, with ventilation by blower fans. (Plenum system.)	
No. 83		2 boilers.....			27	155	478 95	24	1,100	28 93	631		
No. 84		2 boilers.....				105	324 45	24	1,100	13 52	295		
No. 74		2 boilers.....				146	471 58	24	1,200	19 65	393		
No. 85		2 boilers.....				110	339 90	24	1,200	14 12	283		
No. 53		2 boilers.....				133	425 59	24	1,200	17 73	355		
No. 47		2 boilers.....				100	309 00	24	1,200	12 88	258		
Average cost.....										\$18 77	\$0 395	For steam boilers and blower fans.	

Group.	SCHOOLS.	Number of Classrooms.	HEATING APPARATUS.						FUEL. JUNE 15, 1909, TO JUNE 15, 1910.							
			Steam Boilers.	Smead Hot-Air Furnaces.	F. W. Hot-Air Furnaces.	Brick Set Furnaces.	Portable Furnaces.	Stoves.	Stack Heaters.	Tons HARD COAL.			Tons No. 3 Sunbury.	Tons Bituminous.	Cords Wood.	
										No. 1	No. 2	No. 3				
A	School No. 47.....	24	2					8			6				100	1
	School No. 38.....	8				6		1			16	74	44			3
	School No. 3.....	16						3				82	22	2		1
	School No. 24.....	12						1		5	35	22		3		2
	School No. 23.....	13						4			32					4
	School No. 6.....	12														
B	School No. 2.....	13									32½					3
	School No. 8.....	14									38	8				2
	School No. 25.....	16		4				2			80	70	2			3½
	School No. 42.....	20		5				3	2				2			3½
C	School No. 84.....	21	2								16	16		2	105	2½
	School No. 28.....	11						11	1		12	54	1			2
	School No. 33.....	12		3				1	3			85	1			2
	School No. 35.....	11		3				3								2
D	School No. 93.....	16	Water 2								64					2
	School No. 93 Portable.....	1						1			18					2
	School No. 93 W. Branch.....	10						7			14					1
	School No. 93 E. Branch.....	10						1		100		10				2
	School No. 43.....	24						3	4			5				2
	School No. 43 Branch.....	4							4			40				2
	School No. 7.....	11										56				2
	School No. 73.....	10									82	13				2½
	School No. 40.....	15	2													
E	School No. 77.....	18						6	1		55	10		1		2
	School No. 27.....	14							14		36					5
	School No. 13.....	12		3							51	39			155	2½
	School No. 83.....	22	2									27				3½
	School No. 83 Portable.....	5														
F	School No. 97.....	9						1	9		21	4				1
	School No. 71.....	16						5	3		10	10				2½
	School No. 26.....	10						6	4		40	6				2
	School No. 5.....	16							1		74	6				3½
	School No. 45.....	14						6	6		52	5				2
	School No. 16.....	12						2	3		45	12				1
I	School No. 80.....	24		6					3					110	4	2½
	School No. 20.....	30						10	2							3
	School No. 74.....	23	2						1		120	5				1
	School No. 32.....	12		3				2			9	64				3½
J	School No. 99.....	24	1	3				1			72	67		1		3½
	School No. 99 Portable.....	2							2							
	School No. 37.....	12		3					1			65				2
	School No. 94.....	26		2				4	3		45	30		2		3
	School No. 85.....	24													110	
K	School No. 51.....	16									72					2½
	School No. 51 Branch.....	6							7		18					1½
	School No. 54.....	20						7	1		135					2½
	School No. 53.....	17	2												133	1
	School No. 52.....	8	1								45½					1
	School No. 50.....	4						2	1		4	22		1		1
	School No. 50 Branch.....	3							4		6	1				
L	School No. 76.....	18						8	4	2	50	35	16	2		2
M	School No. 44.....	14						6		2		55			1	2½
	School No. 92.....	20						3	5			96				4½
	School No. 29.....	15						5	2			69				2½
	School No. 4.....	16						7			75	20	4			3
	School No. 70.....	16										54				2
	School No. 17.....	8										20		6		3½
N	School No. 72.....	18	1					5	3	2		90	5			4½
	School No. 72 Portable.....	1							1							
	School No. 12.....	14							16	1		33				4½
	School No. 22.....	15							15			34		2		2
	School No. 34.....	12		4				2		2		20	49	2		2½
	School No. 34 Portable.....	2								2						
	School No. 1.....	15						9				118				2
	School No. 9.....	10						7				82			1	2
O	School No. 48.....	12		3				1	2					94	1	2½
	School No. 30.....	16						4			66	2			1	2½
	School No. 19.....	13						1	3	1	38	20		3		3
	School No. 19 Portable.....	1								1						
	School No. 86.....	1														
P	School No. 68.....	14	Water 1	4							8	70		1		3½
	School No. 66.....	4							4		5½	12				2
	School No. 67.....	6		3				1	1	2	6	59		1		3
	School No. 67 Portables.....	2							3							
	School No. 96.....	17										2		6		
	School No. 98.....	24	2												116	
Q	School No. 78.....	17	1	4				1	1	3		4	135			2
	School No. 11.....	20	1					4	1			115	9			3½
	School No. 63.....	13	1	2				4		2		72		1		1½
	School No. 63 Portable.....	1								1						
	School No. 65.....	10	1	1				2		1		31	54	1		2½
	School No. 10.....	12	2									35				1
	School No. 39.....	12						3	2	1		64	15	1		2½
R	School No. 75.....	23						3	9	1	12	125			1	2½
	School No. 15.....	15							6	1		48	8			2½
	School No. 31.....	12		3				1		3		62		1		1½
	School No. 95.....	16		4				1	1	2		6	135			3
	School No. 82.....	14						4			8	65	19			1
	School No. 91.....	12						4				15	48	1		1½
U	School No. 49.....	13	1									62	8			3
	School No. 79.....	21	1	6									177			2½
	School No. 21.....	12						4	2			73		1		2½
	School No. 61.....	18	1	8						2			256		25½	3½
	School No. 14.....	14						5	1	1	52	48	16	1		2
V	School No. 81.....	13	1									64	15	1		3
	School No. 60.....	15		4					2	3			168			2½
	School No. 60 Branch.....	6							6			20				½
	School No. 62.....	23	2												84	1½
	School No. 64.....	8	1									59				1½
	School No. 64 Branch.....	2							2			9				1½
W	School No. 59.....	4								3		19	11			½
	School No. 55.....	24	2	3						3			84		99½	3
	School No. 56.....	6	1	1								22				1½
	School No. 57.....	6											25			4
	School No. 58.....	8	Water 1										36			½
	School No. 58 Branch.....	6	1						3				10			½
X	School No. 109.....	12	</													

COST OF FUEL CONSUMED DURING THE YEAR
(June 15, 1909, to June 15, 1910.)

CENTRAL DISTRICT.

	COAL (TONS).					WOOD (CORDS.)
	Hard No. 1.	Hard No. 2.	Hard No. 3.	Sunbury.	Bituminous.	
Quantity ...	176	1,363	1,023	20	759	71
Price per ton or cord..	\$5.28	\$5.53	\$5.64	\$5.95	\$3.03	\$5.75
Total cost.	\$929.28	\$7,537.39	\$5,769.72	\$119.00	\$2,299.77	\$408.25

EASTERN DISTRICT.

	COAL (TONS).					WOOD (CORDS.)
	Hard No. 1.	Hard No. 2.	Hard No. 3.	Sunbury.	Bituminous.	
Quantity ...	270	1,095½	731	29	661	83½
Price per ton or cord..	\$5.28	\$5.48	\$5.65	\$5.85	\$3.00	\$6.48
Total cost.	\$1,425.60	\$6,003.34	\$4,130.15	\$169.65	\$1,983.00	\$541.08

WESTERN DISTRICT.

	COAL (TONS).					WOOD (CORDS.)
	Hard No. 1.	Hard No. 2.	Hard No. 3.	Sunbury.	Bituminous	
Quantity	50½	284½	4	.....	14½
Price per ton or cord..	\$5.95	\$5.95	\$6.00	.....	\$5.75
Total cost.	\$305.48	\$1,692.78	\$24.00	.....	\$83.38

NORTHEASTERN DISTRICT.

	COAL (TONS).					WOOD (CORDS.)
	Hard No. 1.	Hard No. 2.	Hard No. 3.	Sunbury.	Bituminous.	
Quantity	426½	231	3	378½	23
Price per ton or cord..	\$5.60	\$5.75	\$6.15	\$3.13	\$6.70
Total cost.	\$2,388.40	\$1,328.25	\$18.45	\$1,184.71	\$154.10

NORTHWESTERN DISTRICT.

	COAL (TONS).					WOOD (CORDS.)
	Hard No. 1.	Hard No. 2.	Hard No. 3.	Sunbury.	Bituminous	
Quantity	78	510	.....	109½	13½
Price per ton or cord..	\$6.00	\$5.75	.....	\$3.14	\$6.90
Total cost.	\$468.00	\$2,932.50	.....	\$343.83	\$93.15

SOUTHERN DISTRICT.

	COAL (TONS).					WOOD (CORDS.)
	Hard No. 1.	Hard No. 2.	Hard No. 3.	Sunbury.	Bituminous.	
Quantity ...	125	618	230	17	105	42
Price per ton or cord..	\$5.45	\$5.62	\$5.87	\$6.10	\$3.07	\$5.48
Total cost.	\$681.25	\$3,473.16	\$1,350.10	\$103.70	\$322.35	\$272.16

SUMMARY OF FUEL CONSUMPTION FROM JUNE 15, 1909,
TO JUNE 15, 1910.

Central District.....	\$17,063 41
Eastern District.....	14,252 82
Southern District.....	6,202 72
Northeastern District.....	5,073 91
Northwestern District.....	3,837 48
Western District.....	2,100 64
Grand total.....	<u>\$48,530 98</u>

The usual tables, respecting fuel and its distribution, accompany this report.

Respectfully submitted,

BENJAMIN B. OWENS,

Supervisor of School Buildings.

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